

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	2 594 115	2 116 987	278 960	80 508	61 224	137 228	193 394	4 774
Professional, technical, and kindred workers	341 430	222 431	86 691	19 371	25 376	41 944	32 203	105
Accountants	27 080	21 107	3 617	1 760	1 002	855	2 352	4
Architects	2 124	1 331	151	29	43	79	642	—
Computer specialists	10 023	8 014	1 981	1 436	318	227	25	3
Engineers	69 344	59 119	8 723	5 856	1 523	1 344	1 502	—
Aeronautical and astronautical	3 634	2 727	891	877	9	5	16	—
Civil	6 587	4 116	2 194	506	813	875	277	—
Electrical and electronic	12 335	10 476	1 760	1 454	201	105	99	—
Mechanical	11 664	10 684	1 838	743	48	47	142	—
Other engineers	35 124	31 116	3 040	2 276	452	312	968	—
Lawyers and judges	11 674	2 763	1 632	472	331	829	7 279	—
Life and physical scientists	9 187	7 386	1 694	1 030	385	279	107	—
Chemists	6 963	6 265	682	391	128	163	16	—
Physicians, dentists, and related practitioners	23 855	8 573	2 049	402	937	710	13 233	—
Dentists	4 100	4 417	145	41	77	27	3 508	—
Pharmacists	4 682	3 622	155	50	33	72	935	—
Physicians, medical and osteopathic	12 430	4 150	1 631	265	770	596	6 649	—
Other related practitioners	2 643	384	118	46	57	15	2 141	—
Health technologists and technicians	3 420	2 289	1 005	209	333	463	126	—
Religious workers	10 693	8 972	134	16	113	5	1 587	—
Social scientists	3 873	2 630	1 026	251	248	527	212	5
Social and recreation workers	4 371	1 352	2 991	213	962	1 816	28	—
Teachers	56 631	14 556	41 563	477	12 094	28 990	512	—
College and university	15 435	5 514	9 921	152	8 559	1 210	—	—
Elementary and prekindergarten	10 108	2 032	8 066	77	973	7 016	10	—
Secondary	28 090	5 334	22 756	104	2 225	20 427	—	—
Engineering and science technicians	41 815	36 831	4 655	1 991	1 490	1 174	320	9
Draftsmen and surveyors	19 272	17 435	1 603	240	570	793	225	9
Electrical and electronic engineering technicians	6 031	4 744	1 266	1 109	107	50	21	—
Technicians, except health, and engineering and science	4 876	2 488	2 274	1 377	376	521	114	—
Airplane pilots	977	883	68	28	27	13	26	—
Writers, artists, and entertainers	23 069	18 390	1 789	627	659	503	2 861	29
Other professional, technical, and kindred workers	39 395	26 630	11 407	3 225	4 560	3 622	1 303	55
Managers and administrators, except farm	256 304	192 931	26 471	7 917	6 087	12 467	36 445	457
Buyers, purchasing agents, and sales managers	38 430	35 619	1 301	752	383	166	1 490	20
School administrators	7 652	1 522	6 067	12	1 269	4 786	63	—
Specified managers and administrators, public administration	12 432	—	12 425	5 964	2 026	4 435	—	—
Other specified managers and administrators	44 238	35 872	2 142	672	587	883	6 102	122
Managers and administrators, n.e.c., salaried	124 454	119 918	4 536	517	1 822	2 197	—	—
Manufacturing	42 067	41 945	122	103	15	4	—	—
Wholesale and retail trade	37 743	37 473	270	48	184	38	—	—
Transportation, communications and other public utilities	10 135	9 490	645	33	45	567	—	—
All other industries	34 509	31 010	3 499	333	1 578	1 588	—	—
Managers and administrators, n.e.c., self-employed	29 098	—	—	—	—	—	28 790	308
Construction	5 593	—	—	—	—	—	5 548	45
Manufacturing	2 297	—	—	—	—	—	2 280	17
Wholesale and retail trade	15 151	—	—	—	—	—	15 030	121
All other industries	6 057	—	—	—	—	—	5 932	125
Sales workers	161 029	140 629	1 448	331	819	298	18 639	313
Insurance agents, brokers, and underwriters	20 186	16 798	74	31	29	14	3 309	5
Real estate agents and brokers	7 738	5 241	19	8	6	5	2 458	20
Sales representatives, manufacturing industries	22 297	21 521	23	—	7	16	753	—
Sales representatives, wholesale trade	29 313	26 489	77	14	40	23	2 719	28
Sales clerks, retail trade	36 729	31 654	532	39	461	32	4 376	167
Salesmen, retail trade	20 018	17 718	10	5	—	5	2 249	41
Salesmen of services and construction	7 834	6 900	265	58	152	55	656	13
Other sales workers	16 914	14 308	448	176	124	148	2 119	39
Clerical and kindred workers	187 416	143 867	41 252	30 169	4 966	6 117	2 134	163
Bank tellers and cashiers	5 949	5 308	561	106	317	138	56	24
Bookkeepers and billing clerks	14 733	12 461	1 506	392	495	619	727	39
Mail handlers and postal clerks	25 262	2 576	22 671	22 407	181	83	15	—
Other clerical and kindred workers	141 472	123 522	16 514	7 264	3 973	5 277	1 336	100
Craftsmen and kindred workers	585 553	519 539	30 159	8 815	6 319	15 025	35 351	504
Apparel craftsmen and upholsterers	3 332	2 543	1 62	7	25	30	717	10
Bakers	4 221	3 624	83	11	50	22	500	14
Cabinetmakers	2 166	1 685	52	—	25	27	425	4
Construction craftsmen	134 845	110 527	7 633	1 504	1 808	4 321	16 515	170
Carpenters	34 957	27 393	1 091	299	332	460	6 389	84
Excavating, grading, and road machine operators	13 302	10 046	2 172	135	424	1 613	1 040	44
Electricians	28 191	25 537	1 602	518	316	768	1 052	—
Masons and tile setters	10 780	9 271	165	48	19	98	1 334	10
Painters, construction and maintenance, and paperhangers	13 899	9 140	1 198	203	317	678	3 538	23
Plasterers and cement finishers	4 199	3 335	197	32	33	132	667	—
Plumbers and pipe fitters	21 516	18 710	1 100	241	352	507	1 697	9
Other construction craftsmen	8 001	7 095	108	28	15	65	798	—
Foremen, n.e.c.	94 089	89 130	4 066	1 244	764	2 058	866	27
Manufacturing	66 324	65 769	311	160	57	94	234	10
Nonmanufacturing industries	27 765	23 361	3 755	1 084	707	1 964	632	17
Linemen and servicemen, telephone and power	19 040	18 273	676	179	52	445	91	—
Locomotive engineers and firemen	5 721	5 613	108	76	21	11	—	—
Mechanics and repairmen	126 088	108 627	8 292	3 492	1 176	3 624	9 020	149
Air conditioning, heating, and refrigeration	5 852	4 823	309	151	71	87	705	15
Aircraft	3 367	2 172	1 176	1 068	78	30	19	—
Automobile, including body	45 685	38 146	2 385	484	355	1 546	5 092	62
Radio and television	5 788	3 967	468	296	75	97	1 348	5
Other mechanics and repairmen	65 396	59 519	3 954	1 493	597	1 864	1 856	67
Metal craftsmen, except mechanics	96 582	94 161	1 398	866	131	401	1 014	9
Machinists and job and die setters	37 136	36 311	616	392	45	179	209	—
Sheetmetal workers and fimsmiths	7 901	7 418	242	184	16	42	241	—
Tool and die makers	22 673	22 268	146	74	10	62	250	9
Other metal craftsmen	28 872	28 164	394	216	60	118	314	—
Printing craftsmen	19 372	18 518	439	134	156	149	410	5
Compositors and typesetters	6 859	6 470	194	33	95	66	195	—
Pressmen and plate printers, printing	9 370	8 967	216	84	53	79	182	5
Stationary engineers and power station operators	10 226	7 398	2 759	214	337	2 208	69	—
Other craftsmen and kindred workers	69 871	59 440	4 591	1 088	1 774	1 774	5 724	116

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

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

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

THE STATE—Continued

Total—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers			Self-employed workers	Unpaid family workers
			Total	Federal	State		
Operatives, except transport	500 075	482 636	10 594	4 021	2 005	4 568	377
Assemblers.....	51 399	50 601	665	310	61	294	—
Checkers, examiners, and inspectors; manufacturing.....	37 034	36 293	643	359	116	168	10
Garage workers and gas station attendants.....	21 057	19 568	190	59	17	114	1 212
Laundry and drycleaning operatives, n.e.c.....	2 658	1 994	272	61	119	92	372
Meat cutters and butchers.....	11 347	10 406	169	71	84	14	739
Mine operatives, n.e.c.....	3 976	3 846	41	—	11	20	89
Packers and wrappers, except produce.....	13 613	13 081	492	379	43	70	34
Painters, manufactured articles.....	8 592	8 394	82	29	19	34	111
Precision machine operatives.....	50 228	49 417	462	249	54	159	344
Sawyers.....	3 880	3 643	65	29	18	18	167
Stationary firemen.....	7 296	5 778	1 514	206	258	1 050	4
Textile operatives.....	1 413	1 399	14	7	—	7	—
Welders and flamecutters.....	38 766	37 628	653	259	163	231	456
Other metalworking operatives.....	40 123	39 580	378	155	50	173	150
Other specified operatives.....	67 340	63 509	2 172	807	500	865	1 586
Miscellaneous and not specified operatives.....	141 353	137 499	2 782	1 030	493	1 259	983
Occupation:							
Machine operatives, miscellaneous specified.....	64 798	63 606	808	338	143	327	327
Machine operatives, not specified.....	30 669	29 926	614	220	123	271	125
Miscellaneous operatives.....	28 378	26 978	1 033	356	162	515	354
Not specified operatives.....	17 508	16 989	327	116	65	146	177
Industry:							
Manufacturing	128 719	126 890	1 224	477	194	553	532
Durable goods	83 761	82 475	861	349	142	370	383
Wood products, including furniture.....	2 408	2 327	19	—	—	19	52
Primary metal industries.....	19 047	18 809	181	47	58	76	51
Fabricated metal industries.....	11 113	10 917	152	15	33	104	44
Machinery, including electrical.....	22 878	22 643	129	63	26	40	102
Motor vehicles and equipment.....	12 349	12 220	104	48	4	52	21
Transportation equipment, except motor vehicles.....	2 960	2 844	97	97	—	—	19
Other durable goods.....	13 006	12 715	179	79	21	79	94
Nondurable goods	44 032	43 513	339	119	46	174	149
Food and kindred products.....	5 111	5 000	51	25	10	16	51
Apparel and other fabricated textile products.....	286	286	—	—	—	—	—
Paper and allied products.....	8 001	7 926	65	15	4	46	10
Chemicals and allied products.....	6 675	6 584	82	40	15	27	9
Other nondurable goods.....	23 959	23 717	141	39	17	85	79
Not specified manufacturing industries.....	926	902	24	9	6	9	—
Nonmanufacturing industries	12 634	10 609	1 558	553	299	706	451
Transportation, communications, and other public utilities.....	2 895	2 446	444	23	23	398	5
Wholesale and retail trade.....	5 293	5 038	56	22	13	21	188
All other industries.....	4 446	3 125	1 058	508	263	287	258
Transport equipment operatives	154 620	136 276	11 517	1 668	1 927	7 922	6 646
Bus drivers.....	6 437	3 104	3 218	85	380	2 753	111
Taxicab drivers and chauffeurs.....	4 212	3 751	245	59	47	139	205
Truck drivers and deliverymen.....	106 340	94 240	6 393	938	1 200	4 255	5 570
Other transport equipment operatives.....	37 631	35 181	1 661	586	300	775	760
Laborers, except farm	168 687	148 824	16 641	3 211	2 676	10 754	3 021
Construction laborers.....	24 256	19 584	4 569	86	1 184	3 299	76
Freight, stock, and material handlers.....	70 999	65 531	4 884	2 081	276	2 527	526
Other specified laborers.....	34 633	28 296	4 396	621	888	2 887	1 873
Miscellaneous and not specified laborers.....	38 799	35 413	2 792	423	328	2 041	546
Occupation:							
Miscellaneous laborers.....	14 085	12 517	1 239	119	123	997	316
Not specified laborers.....	24 714	22 896	1 553	304	205	1 044	230
Industry:							
Manufacturing	26 027	25 501	408	171	74	163	106
Durable goods	21 401	20 956	360	160	69	131	73
Wood products, including furniture.....	541	514	9	—	—	9	18
Metal industries.....	12 495	12 255	210	69	62	79	18
Machinery, including electrical.....	2 979	2 931	36	16	7	13	12
Transportation equipment.....	2 421	2 385	36	31	—	5	—
Other durable goods.....	2 965	2 871	69	44	—	25	25
Nondurable goods.....	4 463	4 401	36	11	5	20	26
Food and kindred products.....	1 024	1 009	9	—	5	4	6
Not specified manufacturing industries.....	163	144	12	—	—	12	7
Nonmanufacturing industries	12 772	9 912	2 384	252	254	1 878	440
Railroads and railway express service.....	2 225	2 140	85	60	16	9	—
Transportation, except railroads.....	646	572	50	—	5	45	24
Communications, and utilities and sanitary services.....	1 619	601	974	—	24	950	44
Wholesale and retail trade.....	4 043	3 849	44	5	8	31	132
All other industries.....	4 239	2 750	1 231	187	201	843	240
Farmers and farm managers	44 397	1 863	94	19	45	30	42 425
Form laborers and farm foremen	17 047	13 986	649	61	341	247	245
Paid farm laborers and farm foremen.....	14 880	13 986	649	61	341	247	245
Unpaid family workers.....	2 167	—	—	—	—	—	2 167
Service workers, except private household¹	176 210	112 703	53 444	4 925	10 663	37 856	9 779
Cleaning service workers.....	65 979	47 599	17 339	2 047	3 914	11 378	974
Food service workers.....	34 625	30 567	1 833	375	1 080	378	2 050
Coaks, except private household.....	10 750	9 824	451	176	187	88	437
Busboys and dishwashers.....	8 554	7 960	582	35	426	121	—
Health service workers.....	5 866	3 148	2 707	633	1 535	539	11
Personal service workers.....	16 499	9 302	1 014	135	380	499	6 161
Protective service workers.....	40 967	12 387	28 486	1 509	3 162	23 815	87
Firemen, fire protection.....	8 186	214	7 972	242	20	7 710	—
Guards and watchmen.....	15 062	11 402	3 594	590	1 690	1 314	59
Policemen and detectives.....	14 824	591	14 205	508	1 390	12 307	28
Private household workers	1 347	1 302	—	—	—	—	38

¹Includes allocated cases not shown separately.

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

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

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

THE STATE—Continued

Total—Continued

Female, 16 years old and over

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Female, 16 years old and over	1 469 665	1 157 649	253 352	40 355	55 695	157 302	46 032	12 632
Professional, technical, and kindred workers	221 099	104 595	108 709	6 594	18 398	83 717	7 317	478
Accountants	8 667	6 006	2 173	1 151	370	652	417	71
Computer specialists	2 372	1 740	632	466	112	54	—	—
Librarians	5 193	1 495	3 686	92	762	2 832	—	12
Mathematical specialists	391	299	92	72	12	8	—	—
Life and physical scientists	1 140	828	275	94	91	90	37	—
Registered nurses, dietitians, and therapists	44 648	34 311	9 153	1 156	2 397	5 600	1 071	113
Dietitians	2 139	1 579	541	77	173	291	14	5
Registered nurses	40 358	31 691	7 578	1 034	1 809	4 735	981	108
Health technologists and technicians	9 379	7 840	1 519	208	494	817	15	5
Social scientists	932	397	486	74	137	275	43	6
Social and recreation workers	7 072	2 089	4 972	485	1 030	3 457	5	6
Teachers: College and university	5 997	2 457	3 540	59	2 836	645	—	—
Elementary and prekindergarten	66 310	15 109	50 975	752	4 709	45 514	206	20
Secondary	24 146	5 080	19 066	95	1 711	17 260	—	—
Other teachers	5 967	2 390	891	95	195	601	2 644	42
Engineering and science technicians	4 446	3 692	712	212	346	154	37	5
Technicians, except health, and engineering and science	783	260	509	121	169	219	11	3
Writers, artists, and entertainers	10 022	7 915	797	231	285	281	1 246	64
Actors and dancers	313	284	20	—	9	11	9	—
Authors, editors, and reporters	2 786	2 280	289	116	118	55	202	15
Other professional, technical, and kindred workers	23 634	12 687	9 231	1 231	2 742	5 258	1 585	131
Managers and administrators, except farm	45 863	31 157	6 786	1 855	1 220	3 711	6 751	1 169
Buyers, purchasing agents, and sales managers	7 491	6 742	426	296	50	80	254	69
Restaurant, cafeteria, and bar managers	5 756	3 255	612	25	48	539	1 651	238
School administrators	2 440	1 065	1 345	34	234	1 077	30	—
Other specified managers and administrators	9 960	5 667	3 358	1 348	550	1 460	835	100
Managers and administrators, n.e.c., salaried	15 473	14 428	1 045	152	338	555	—	—
Wholesale and retail trade	5 309	5 282	27	23	—	4	—	—
Managers and administrators, n.e.c., self-employed	4 743	—	—	—	—	—	3 981	762
Wholesale and retail trade	3 008	—	—	—	—	—	2 528	480
Sales workers	121 423	112 140	1 056	255	354	447	6 458	1 769
Demonstrators, hucksters, and peddlers	7 471	6 269	28	9	4	15	1 164	10
Insurance, real estate agents, and brokers	7 298	6 435	20	—	—	20	785	58
Sales clerks, retail trade	85 530	80 840	382	121	117	144	2 979	1 329
Salesmen, retail trade	3 020	2 506	15	10	—	5	338	161
Other sales workers	18 104	16 090	611	115	233	263	1 192	211
Clerical and kindred workers	512 145	418 401	84 444	26 656	20 420	37 368	4 431	4 869
Bank tellers	11 501	10 909	582	417	70	95	10	—
Bookkeepers	59 296	51 549	4 362	1 037	918	2 407	1 596	1 789
Cashiers	40 243	37 581	1 953	257	559	1 137	397	312
Counter clerks, except food	9 054	8 497	337	24	154	159	117	103
Enumerators and interviewers	1 973	657	1 246	1 154	43	49	70	—
File clerks	13 431	10 886	2 495	894	709	892	34	16
Office machine operators	23 025	19 704	3 258	1 492	921	845	54	9
Bookkeeping and billing machine operators	2 781	2 546	231	75	67	89	—	4
Keypunch operators	13 342	11 202	2 105	1 070	560	475	30	5
Payroll and timekeeping clerks	6 689	5 964	725	223	167	335	—	—
Receptionists	15 903	13 813	1 685	211	685	789	125	280
Secretaries	136 890	112 553	22 133	4 690	6 224	11 219	724	1 480
Stenographers	4 841	3 385	1 425	541	328	556	22	9
Telephone operators	18 648	17 112	1 486	267	461	758	36	14
Typists	47 955	35 290	12 251	3 219	3 829	5 203	255	159
Other clerical and kindred workers	122 696	90 501	30 506	12 230	5 352	12 924	991	698
Craftsmen and kindred workers	28 327	24 972	1 421	411	387	623	1 645	289
Foremen, n.e.c.	5 535	5 195	288	106	94	88	39	13
Operatives, except transport	200 443	193 610	3 803	1 052	980	1 771	2 491	539
Assemblers	32 410	31 935	404	193	42	169	52	19
Bottling and canning operatives	685	685	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	22 267	22 040	199	115	27	57	28	—
Dressmakers and seamstresses, except factory	4 230	2 915	89	13	37	39	1 186	40
Laundry and drycleaning operatives, including ironers	11 716	10 684	731	53	279	399	207	94
Graders and sorters, manufacturing	1 271	1 251	10	5	4	4	—	6
Packers and wrappers, except produce	20 252	19 921	251	101	58	92	36	44
Sewers and stitchers	13 610	13 103	253	63	86	104	232	22
Textile operatives	1 510	1 445	28	4	24	24	—	5
Other specified operatives	44 122	42 619	848	226	171	451	452	203
Miscellaneous and not specified operatives	48 370	47 012	990	283	271	436	262	106
Manufacturing	44 613	43 893	532	168	99	265	136	52
Durable goods	24 619	24 201	359	119	61	179	47	12
Machinery, including electrical	10 790	10 627	137	36	26	75	13	8
Other durable goods	13 829	13 574	222	83	35	104	29	4
Non-durable goods, including not specified manufacturing	19 994	19 692	173	49	38	86	89	40
Food and kindred products	2 329	2 270	16	11	—	5	29	14
Apparel and other fabricated textile products	984	962	17	4	—	13	5	—
Nonmanufacturing industries	3 757	3 119	458	115	172	171	126	54
Transport equipment operatives	8 481	4 418	3 782	105	560	3 117	215	66
Laborers, except farm	15 704	14 393	757	276	161	320	337	217
Farmers and farm managers	2 899	134	13	—	3	10	2 752	—
Farm laborers and farm foremen	4 600	2 833	60	24	15	21	13	1 694
Paid farm laborers and farm foremen	2 906	2 833	60	24	15	21	13	—
Unpaid family workers	1 694	—	—	—	—	—	—	1 694
Service workers, except private household ¹	265 991	208 634	42 462	3 100	13 192	26 170	13 388	1 507
Cleaning service workers	33 579	26 713	6 476	516	1 773	4 187	330	60
Chambermaids and maids	8 192	6 801	1 344	32	464	848	30	17
Food service workers	114 213	94 895	16 529	819	4 693	11 017	1 817	972
Cooks, except private household	31 102	21 565	8 448	331	2 055	6 062	755	334
Waiters and food counter workers	61 860	57 689	2 886	200	1 164	1 522	773	512
Health service workers	56 593	45 425	10 314	1 033	4 308	4 973	689	165
Nursing aides, orderlies, and attendants	30 699	23 484	7 035	663	3 386	2 986	134	46
Practical nurses	14 784	12 067	2 136	222	550	1 364	555	26
Personal service workers	37 173	23 212	4 095	366	1 219	2 510	9 669	197
Hairdressers and cosmetologists	23 777	15 342	100	14	48	38	8 228	107
Private household workers	42 690	42 362	59	27	5	27	234	35
Private household workers, living in	2 901	2 893	—	—	—	—	8	—
Private household workers, living out	39 789	39 469	59	27	5	27	226	35

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

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

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

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

THE STATE—Continued

Negro

Male, 16 years old and over

Professional, technical, and kindred workers

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Male, 16 years old and over	185 704	144 270	35 072	14 547	4 850	15 675	6 287	75
Professional, technical, and kindred workers	10 874	5 563	4 603	1 352	1 014	2 237	705	3
Accountants	543	273	228	140	42	46	42	—
Architects	31	5	12	5	—	7	14	—
Computer specialists	251	130	118	91	14	13	—	3
Engineers	882	546	326	211	24	91	10	—
Aeronautical and astronautical	67	37	30	30	—	—	—	—
Civil	131	75	52	14	—	38	4	—
Electrical and electronic	214	159	55	46	—	9	—	—
Mechanical	118	62	56	39	7	10	—	—
Other engineers	352	213	133	82	17	34	6	—
Lawyers and judges	243	17	82	25	11	46	144	—
Life and physical scientists	310	191	119	65	31	23	—	—
Chemists	234	186	48	31	6	11	—	—
Physicians, dentists, and related practitioners	492	175	52	24	16	12	265	—
Dentists	89	7	13	—	7	6	69	—
Pharmacists	118	85	9	9	—	—	24	—
Physicians, medical and osteopathic	259	76	24	9	9	6	159	—
Other related practitioners	26	7	6	6	—	—	13	—
Health technologists and technicians	367	210	152	57	34	61	5	—
Religious workers	493	377	10	5	5	—	106	—
Social scientists	93	20	73	23	13	37	—	—
Social and recreation workers	838	277	561	54	196	311	—	—
Teachers	1 956	396	1 550	47	299	1 204	10	—
College and university	312	120	192	6	155	31	—	—
Elementary and prekindergarten	613	84	529	20	49	460	—	—
Secondary	914	158	756	5	66	685	—	—
Engineering and science technicians	1 237	1 046	185	102	41	42	6	—
Draftsmen and surveyors	506	437	69	15	18	36	—	—
Electrical and electronic engineering technicians	199	150	43	43	—	—	6	—
Technicians, except health, and engineering and science	166	67	99	84	5	10	—	—
Airplane pilots	20	20	—	—	—	—	—	—
Writers, artists, and entertainers	740	480	174	79	26	69	86	—
Other professional, technical, and kindred workers	2 232	1 353	862	340	257	265	17	—
Managers and administrators, except farm	5 584	2 786	1 678	605	291	782	1 115	5
Buyers, purchasing agents, and sales managers	474	400	48	37	11	—	26	—
School administrators	266	58	208	—	61	147	—	—
Specified managers and administrators, public administration	908	—	908	462	108	338	—	—
Other specified managers and administrators	1 216	674	236	69	31	136	306	—
Managers and administrators, n.e.c., salaried	1 932	1 654	278	37	80	161	—	—
Manufacturing	257	257	—	—	—	—	—	—
Wholesale and retail trade	720	702	18	—	18	—	—	—
Transportation, communications and other public utilities	87	76	11	—	—	11	—	—
All other industries	868	619	249	37	62	150	—	—
Managers and administrators, n.e.c., self-employed	788	—	—	—	—	—	783	5
Construction	194	—	—	—	—	—	194	—
Manufacturing	—	—	—	—	—	—	—	—
Wholesale and retail trade	315	—	—	—	—	—	315	—
All other industries	279	—	—	—	—	—	274	5
Sales workers	3 774	3 304	106	26	57	23	355	9
Insurance agents, brokers, and underwriters	480	464	—	—	—	—	16	—
Real estate agents and brokers	109	64	—	—	—	—	45	—
Sales representatives, manufacturing industries	209	200	—	—	—	—	9	—
Sales representatives, wholesale trade	337	308	—	—	—	—	29	—
Sales clerks, retail trade	1 375	1 203	53	5	44	4	110	9
Salesmen, retail trade	328	299	—	—	—	—	29	—
Salesmen of services and construction	141	110	20	4	11	5	11	—
Other sales workers	795	656	33	17	2	14	106	—
Clerical and kindred workers	15 736	8 333	7 348	6 185	347	816	42	13
Bank tellers and cashiers	340	300	26	—	15	11	9	5
Bookkeepers and billing clerks	465	332	121	27	23	71	4	8
Mail handlers and postal clerks	4 689	273	4 411	4 383	11	17	5	—
Other clerical and kindred workers	10 242	7 428	2 790	1 775	298	717	24	—
Craftsmen and kindred workers	28 801	24 071	3 146	1 153	442	1 551	1 581	3
Apparel craftsmen and upholsterers	256	182	19	7	4	8	55	—
Bakers	399	361	32	5	16	11	6	—
Cabinetmakers	39	34	—	—	—	—	5	—
Construction craftsmen	6 265	4 681	759	227	108	424	825	—
Carpenters	833	597	78	47	12	19	158	—
Excavating, grading, and road machine operators	612	432	163	35	11	117	17	—
Electricians	778	623	106	32	16	58	49	—
Masons and tile setters	1 208	1 060	50	21	—	29	98	—
Painters, construction and maintenance, and paperhangers	966	539	130	42	17	71	297	—
Plasterers and cement finishers	1 054	855	92	16	11	65	107	—
Plumbers and pipe fitters	642	419	133	27	41	65	90	—
Other construction craftsmen	172	156	7	7	—	—	9	—
Foremen, n.e.c.	2 823	2 424	388	147	46	195	11	—
Manufacturing	1 724	1 666	58	31	12	15	—	—
Nonmanufacturing industries	1 099	758	330	116	34	180	11	—
Linemen and servicemen, telephone and power	794	734	54	17	11	26	6	—
Locomotive engineers and firemen	54	43	11	—	—	11	—	—
Mechanics and repairmen	5 586	4 378	915	386	98	431	290	3
Air conditioning, heating, and refrigeration	186	151	35	13	13	9	—	—
Aircraft	166	114	52	52	—	—	—	—
Automobile, including body	2 689	2 175	293	99	9	185	218	3
Radio and television	255	176	43	32	—	11	36	—
Other mechanics and repairmen	2 290	1 762	492	190	76	226	36	—
Metal craftsmen, except mechanics	4 410	4 286	106	72	11	23	18	—
Machinists and job and die setters	1 582	1 521	57	48	6	3	4	—
Sheetmetal workers and tinsmiths	179	170	9	4	—	—	—	—
Tool and die makers	247	247	—	—	—	—	—	—
Other metal craftsmen	2 402	2 348	40	20	—	20	14	—
Printing craftsmen	611	527	72	29	19	24	12	—
Compositors and typesetters	168	147	21	7	4	10	—	—
Pressmen and plate printers, printing	357	306	39	14	11	14	12	—
Stationary engineers and power station operators	612	323	289	46	35	208	—	—
Other craftsmen and kindred workers	6 952	6 098	501	217	94	190	353	—

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

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

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

THE STATE—Continued

Negro—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Operatives, except transport	50 894	47 967	2 605	1 125	419	1 061	316	6
Assemblers.....	5 484	5 270	203	103	18	82	11	—
Checkers, examiners, and inspectors; manufacturing.....	2 451	2 366	81	42	6	33	4	—
Garage workers and gas station attendants.....	1 058	958	49	27	—	22	51	—
Laundry and drycleaning operatives, n.e.c.....	526	442	56	14	14	28	28	—
Meat cutters and butchers.....	614	597	17	—	—	—	—	—
Mine operatives, n.e.c.....	119	107	12	—	6	6	—	—
Packers and wrappers, except produce.....	1 407	1 183	224	192	10	22	—	—
Painters, manufactured articles.....	964	924	27	11	5	11	13	—
Precision machine operatives.....	2 503	2 394	95	42	20	33	14	—
Sawyers.....	194	183	11	6	—	5	—	—
Stationary firemen.....	659	410	245	58	29	158	4	—
Textile operatives.....	162	162	—	—	—	—	—	—
Welders and flamecutters.....	2 967	2 832	120	53	40	27	15	—
Other metalworking operatives.....	5 548	5 414	121	27	10	84	13	—
Other specified operatives.....	10 661	9 936	644	255	120	269	81	—
Miscellaneous and not specified operatives.....	15 577	14 789	700	278	141	281	82	6
Occupation:								
Machine operatives, miscellaneous specified.....	6 703	6 456	223	97	43	83	18	6
Machine operatives, not specified.....	4 150	3 929	197	76	38	83	24	—
Miscellaneous operatives.....	2 860	2 639	191	76	35	80	30	—
Not specified operatives.....	1 864	1 765	89	29	25	35	10	—
Industry:								
Manufacturing.....	14 258	13 754	449	150	95	204	49	6
Durable goods.....	9 961	9 579	342	114	85	143	34	6
Wood products, including furniture.....	159	159	—	—	—	—	—	—
Primary metal industries.....	3 605	3 472	117	24	45	48	10	6
Fabricated metal industries.....	1 202	1 123	79	7	20	52	7	—
Machinery, including electrical.....	2 061	2 014	35	22	6	7	12	—
Motor vehicles and equipment.....	1 953	1 893	60	35	4	21	—	—
Transportation equipment, except motor vehicles.....	282	267	9	—	—	—	6	—
Other durable goods.....	699	651	42	17	10	15	6	—
Nondurable goods.....	4 144	4 027	102	36	10	56	15	—
Food and kindred products.....	415	396	19	10	—	9	—	—
Apparel and other fabricated textile products.....	28	28	—	—	—	—	—	—
Paper and allied products.....	397	382	15	5	—	10	—	—
Chemicals and allied products.....	680	643	37	17	10	10	—	—
Other nondurable goods.....	2 624	2 578	31	4	—	27	15	—
Not specified manufacturing industries.....	153	148	5	—	—	5	—	—
Nonmanufacturing industries.....	1 319	1 035	251	128	46	77	33	—
Transportation, communications, and other public utilities.....	223	181	42	—	4	38	—	—
Wholesale and retail trade.....	611	570	22	8	8	6	19	—
All other industries.....	485	284	187	120	34	33	14	—
Transport equipment operatives	15 132	11 488	2 900	785	241	1 874	732	12
Bus drivers.....	978	360	607	35	44	528	11	—
Taxicab drivers and chauffeurs.....	688	583	73	25	4	44	32	—
Truck drivers and deliverymen.....	8 541	6 292	1 697	428	144	1 125	540	12
Other transport equipment operatives.....	4 925	4 253	523	297	49	177	149	—
Laborers, except farm	26 260	20 754	5 209	1 635	423	3 151	293	4
Construction laborers.....	4 331	3 715	610	32	110	468	6	—
Freight, stock, and material handlers.....	7 975	5 378	2 532	1 055	96	1 381	65	—
Other specified laborers.....	7 081	5 882	1 043	355	113	575	156	—
Miscellaneous and not specified laborers.....	6 873	5 779	1 024	193	104	727	66	4
Occupation:								
Miscellaneous laborers.....	2 767	2 312	412	26	48	338	43	—
Not specified laborers.....	4 106	3 467	612	167	56	389	23	4
Industry:								
Manufacturing.....	4 620	4 404	203	79	57	67	13	—
Durable goods.....	4 072	3 880	186	73	57	56	6	—
Wood products, including furniture.....	57	57	—	—	—	—	—	—
Metal industries.....	2 848	2 715	127	42	50	35	6	—
Machinery, including electrical.....	408	388	20	6	7	7	—	—
Transportation equipment.....	512	493	19	14	—	5	—	—
Other durable goods.....	247	227	20	11	—	9	—	—
Nondurable goods.....	511	500	11	6	—	5	—	—
Food and kindred products.....	96	96	—	—	—	—	—	—
Not specified manufacturing industries.....	37	24	6	—	—	6	7	—
Nonmanufacturing industries.....	2 253	1 375	821	114	47	660	53	4
Railroads and railway express service.....	461	416	45	28	12	5	—	—
Transportation, except railroads.....	82	64	11	—	—	11	7	—
Communications, and utilities and sanitary services.....	468	76	385	—	18	367	7	—
Wholesale and retail trade.....	534	494	14	5	8	1	26	—
All other industries.....	708	325	366	81	9	276	13	4
Farmers and farm managers	462	28	13	4	—	9	421	—
Farm laborers and farm foremen	678	606	49	3	9	37	9	14
Paid farm laborers and farm foremen.....	664	606	49	3	9	37	9	—
Unpaid family workers.....	14	—	—	—	—	—	—	14
Service workers, except private household¹	26 821	18 682	7 415	1 674	1 607	4 134	718	6
Cleaning service workers.....	13 829	9 567	4 073	915	831	2 327	183	6
Food service workers.....	4 201	3 721	436	153	151	132	44	—
Cooks, except private household.....	1 508	1 351	147	71	52	24	10	—
Busboys and dishwashers.....	1 109	999	110	15	36	59	—	—
Health service workers.....	1 297	654	636	268	203	165	7	—
Personal service workers.....	1 800	1 224	193	59	32	102	383	—
Protective service workers.....	2 201	894	1 307	153	142	1 012	—	—
Firemen, fire protection.....	102	4	98	14	—	84	—	—
Guards and watchmen.....	1 230	816	414	124	73	217	—	—
Policemen and detectives.....	687	64	623	15	54	554	—	—
Private household workers	688	688	—	—	—	—	—	—

¹Includes allocated cases not shown separately.

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

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

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

THE STATE—Continued

Negro—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Female, 16 years old and over	150 842	109 813	38 027	11 642	8 214	18 171	2 765	237
Professional, technical, and kindred workers	16 366	5 872	10 191	1 653	1 751	6 787	297	6
Accountants	502	191	294	243	40	11	17	—
Computer specialists	160	84	76	66	6	4	—	—
Librarians	224	42	182	23	39	120	—	—
Mathematical specialists	24	4	20	16	—	4	—	—
Life and physical scientists	44	29	15	5	5	5	—	—
Registered nurses, dietitians, and therapists	3 066	1 999	946	261	307	378	121	—
Dietitians	488	317	171	54	51	66	—	—
Registered nurses	2 319	1 549	654	204	206	244	116	—
Health technologists and technicians	1 000	735	265	90	68	107	—	—
Social scientists	39	9	30	5	8	17	—	—
Social and recreation workers	1 510	320	1 190	191	259	740	—	—
Teachers: College and university	252	70	182	4	117	61	—	—
Elementary and prekindergarten	4 840	788	4 048	223	373	3 452	4	—
Secondary	1 230	164	1 066	11	143	912	—	—
Other teachers	195	86	94	21	13	60	15	—
Engineering and science technicians	252	189	63	32	25	6	—	—
Technicians, except health, and engineering and science	35	23	12	12	—	—	—	—
Writers, artists, and entertainers	309	214	81	34	9	38	14	—
Actors and dancers	9	—	—	—	—	—	5	—
Authors, editors, and reporters	98	47	46	29	5	12	—	—
Other professional, technical, and kindred workers	2 684	925	1 627	416	339	872	126	6
Managers and administrators, except farm	2 372	1 068	972	376	170	426	296	36
Buyers, purchasing agents, and sales managers	271	186	78	67	4	7	7	—
Restaurant, cafeteria, and bar managers	302	195	20	—	—	20	79	8
School administrators	275	42	227	19	42	166	6	—
Other specified managers and administrators	770	192	500	260	91	149	78	—
Managers and administrators, n.e.c., salaried	600	453	147	30	33	84	—	—
Wholesale and retail trade	106	104	2	2	—	—	—	—
Managers and administrators, n.e.c., self-employed	154	—	—	—	—	—	126	28
Wholesale and retail trade	100	—	—	—	—	—	82	18
Sales workers	4 937	4 539	122	49	21	52	238	38
Demonstrators, hucksters, and peddlers	110	89	—	—	—	—	21	—
Insurance, real estate agents, and brokers	287	251	10	—	—	10	26	—
Sales clerks, retail trade	3 338	3 149	66	19	21	26	97	26
Salesmen, retail trade	91	71	—	—	—	—	20	—
Other sales workers	1 111	979	46	30	—	16	74	12
Clerical and kindred workers	37 264	22 339	14 739	7 375	2 387	4 977	137	49
Bank tellers	404	363	41	17	5	19	—	—
Bookkeepers	1 614	1 177	391	187	98	106	25	21
Cashiers	2 340	2 096	215	68	48	99	29	—
Counter clerks, except food	611	576	30	—	16	14	5	—
Enumerators and interviewers	128	26	102	74	10	18	—	—
File clerks	1 528	911	614	305	114	195	3	—
Office machine operators	2 529	1 677	842	487	166	189	10	—
Bookkeeping and billing machine operators	194	158	36	14	17	5	—	—
Keypunch operators	1 835	1 185	640	408	105	127	10	—
Payroll and timekeeping clerks	258	125	133	69	32	32	—	—
Receptionists	891	617	267	91	36	140	—	7
Secretaries	5 256	3 322	1 906	756	323	827	18	10
Stenographers	289	148	141	72	35	34	—	—
Telephone operators	2 078	1 815	2 291	982	89	100	—	—
Typists	4 672	2 291	2 373	982	524	867	8	—
Other clerical and kindred workers	14 666	7 195	7 421	4 193	891	2 337	39	11
Craftsmen and kindred workers	2 265	1 926	242	79	63	100	83	14
Foremen, n.e.c.	298	255	43	18	—	25	—	—
Operatives, except transport	21 889	20 693	1 023	290	257	476	129	44
Assemblers	2 696	2 595	96	38	18	40	—	5
Bottling and canning operatives	68	—	—	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing	1 596	1 588	8	5	3	—	—	—
Dressmakers and seamstresses, except factory	367	276	18	9	9	—	73	—
Laundry and drycleaning operatives, including ironers	3 834	3 581	213	21	66	126	27	13
Graders and sorters, manufacturing	85	79	—	—	—	—	—	6
Packers and wrappers, except produce	1 927	1 833	94	47	22	25	—	—
Sewers and stitchers	1 537	1 459	73	16	18	39	5	—
Textile operatives	239	230	9	—	—	9	—	—
Other specified operatives	5 520	5 213	274	69	79	126	20	13
Miscellaneous and not specified operatives	4 020	3 771	238	85	42	111	4	7
Manufacturing	3 442	3 314	124	39	9	76	4	—
Durable goods	1 996	1 926	70	27	—	43	—	—
Machinery, including electrical	1 126	1 079	47	17	—	30	—	—
Other durable goods	870	847	23	10	—	13	—	—
Nondurable goods, including not specified manufacturing	1 446	1 388	54	12	9	33	4	—
Food and kindred products	141	130	11	6	—	5	—	—
Apparel and other fabricated textile products	236	229	7	—	—	7	—	—
Nonmanufacturing industries	578	457	114	46	33	35	—	7
Transport equipment operatives	568	419	131	17	9	105	15	3
Laborers, except farm	2 119	1 860	254	131	41	82	5	—
Farmers and farm managers	361	46	—	—	—	—	315	—
Farm laborers and farm foremen	492	458	18	7	6	5	—	16
Paid farm laborers and farm foremen	476	458	18	7	6	5	—	—
Unpaid family workers	16	—	—	—	—	—	—	16
Service workers, except private household¹	45 057	33 512	10 297	1 654	3 504	5 139	1 224	24
Cleaning service workers	9 938	7 837	2 011	3	624	1 156	84	6
Chambermaids and maids	2 775	2 311	450	13	175	262	14	—
Food service workers	10 711	8 588	2 008	305	770	933	108	7
Cooks, except private household	4 237	3 406	778	102	284	392	53	—
Waiters and food counter workers	3 008	2 573	392	44	188	160	36	7
Health service workers	13 986	10 229	3 616	726	1 392	1 498	136	5
Nursing aides, orderlies, and attendants	9 050	6 507	2 525	462	1 114	949	18	—
Practical nurses	3 442	2 655	664	157	132	375	118	5
Personal service workers	4 097	2 258	1 081	198	322	561	752	6
Hairdressers and cosmetologists	1 657	932	24	9	9	6	695	6
Private household workers	17 152	17 081	38	11	5	22	26	7
Private household workers, living in	459	459	—	—	—	—	—	—
Private household workers, living out	16 693	16 622	38	11	5	22	26	7

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

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

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

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

THE STATE—Continued

Persons of Spanish Language

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Male, 16 years old and over	20 414	17 620	1 837	548	537	752	936	21
Professional, technical, and kindred workers	3 133	1 939	810	170	357	283	384	—
Accountants	168	147	7	—	7	—	14	—
Architects	29	6	10	—	—	10	13	—
Computer specialists	80	67	13	13	—	—	—	—
Engineers	507	414	66	61	—	5	27	—
Aeronautical and astronautical	39	34	5	5	—	—	—	—
Civil	60	42	18	13	—	5	—	—
Electrical and electronic	100	70	30	30	—	—	—	—
Mechanical	47	47	—	—	—	—	—	—
Other engineers	261	221	13	13	—	—	27	—
Lawyers and judges	95	28	5	—	—	5	62	—
Life and physical scientists	85	72	13	13	—	—	—	—
Chemists	73	60	13	13	—	—	—	—
Physicians, dentists, and related practitioners	629	261	121	12	89	20	247	13
Dentists	13	—	—	—	—	—	—	—
Pharmacists	30	30	—	—	—	—	—	—
Physicians, medical and osteopathic	546	226	116	7	89	20	204	—
Other related practitioners	40	5	5	—	—	—	30	—
Health technologists and technicians	44	32	12	—	—	12	—	—
Religious workers	40	40	—	—	—	—	—	—
Social scientists	14	8	6	6	—	—	—	—
Social and recreation workers	35	18	17	—	—	17	—	—
Teachers	634	232	402	13	199	190	—	—
College and university	318	129	189	—	159	30	—	—
Elementary and prekindergarten	27	7	20	—	—	20	—	—
Secondary	245	60	185	5	40	140	—	—
Engineering and science technicians	318	274	44	5	29	10	—	—
Draftsmen and surveyors	166	140	26	—	16	10	—	—
Electrical and electronic engineering technicians	17	12	5	5	—	—	—	—
Technicians, except health, and engineering and science	30	23	7	—	—	—	—	—
Airplane pilots	9	9	—	—	—	—	—	—
Writers, artists, and entertainers	172	137	14	14	—	—	21	—
Other professional, technical, and kindred workers	253	180	73	26	33	14	—	—
Managers and administrators, except farm	1 225	900	149	52	30	67	169	7
Buyers, purchasing agents, and sales managers	226	220	6	—	6	—	—	—
School administrators	19	—	19	6	6	7	—	—
Specified managers and administrators, public administration	62	—	62	28	12	22	—	—
Other specified managers and administrators	284	221	18	12	—	6	45	—
Managers and administrators, n.e.c., salaried	503	459	44	6	6	32	—	—
Manufacturing	125	125	—	—	—	—	—	—
Wholesale and retail trade	149	149	—	—	—	—	—	—
Transportation, communications and other public utilities	22	22	—	—	—	—	—	—
All other industries	207	163	44	6	6	32	—	—
Managers and administrators, n.e.c., self-employed	131	—	—	—	—	—	124	7
Construction	21	—	—	—	—	—	21	—
Manufacturing	7	—	—	—	—	—	7	—
Wholesale and retail trade	69	—	—	—	—	—	69	—
All other industries	34	—	—	—	—	—	27	7
Sales workers	841	752	—	—	—	—	89	—
Insurance agents, brokers, and underwriters	122	122	—	—	—	—	—	—
Real estate agents and brokers	26	19	—	—	—	—	7	—
Sales representatives, manufacturing industries	94	94	—	—	—	—	—	—
Sales representatives, wholesale trade	155	143	—	—	—	—	12	—
Sales clerks, retail trade	261	214	—	—	—	—	47	—
Salesmen, retail trade	92	81	—	—	—	—	11	—
Salesmen of services and construction	38	26	—	—	—	—	12	—
Other sales workers	53	53	—	—	—	—	—	—
Clerical and kindred workers	1 086	920	166	124	6	36	—	—
Bank tellers and cashiers	42	42	—	—	—	—	—	—
Bookkeepers and billing clerks	66	43	23	15	—	8	—	—
Mail handlers and postal clerks	90	8	82	—	—	—	—	—
Other clerical and kindred workers	888	827	61	27	6	28	—	—
Craftsmen and kindred workers	3 367	3 129	130	66	23	41	108	—
Apparel craftsmen and upholsterers	55	—	—	—	—	—	—	—
Bakers	46	39	—	—	—	—	7	—
Cabinetmakers	—	—	—	—	—	—	—	—
Construction craftsmen	622	558	13	13	—	—	51	—
Carpenters	157	130	7	7	—	—	20	—
Excavating, grading, and road machine operators	26	26	—	—	—	—	—	—
Electricians	147	141	—	—	—	—	6	—
Masons and tile setters	77	77	—	—	—	—	—	—
Painters, construction and maintenance, and paperhangers	56	44	—	—	—	—	12	—
Plasterers and cement finishers	32	32	—	—	—	—	—	—
Plumbers and pipe fitters	75	62	6	6	—	—	7	—
Other construction craftsmen	52	46	—	—	—	—	6	—
Foremen, n.e.c.	429	423	6	6	—	—	—	—
Manufacturing	311	311	—	—	—	—	—	—
Nonmanufacturing industries	118	112	6	6	—	—	—	—
Linemen and servicemen, telephone and power	99	94	5	—	5	—	—	—
Locomotive engineers and firemen	7	—	—	—	—	—	—	—
Mechanics and repairmen	761	696	41	21	—	20	24	—
Air conditioning, heating, and refrigeration	21	21	—	—	—	—	—	—
Aircraft	18	10	8	8	—	—	—	—
Automobile, including body	225	209	—	—	—	—	16	—
Radio and television	53	40	5	5	—	—	8	—
Other mechanics and repairmen	444	416	28	8	—	20	—	—
Metal craftsmen, except mechanics	674	654	20	9	11	—	—	—
Machinists and job and die setters	263	249	14	9	5	—	—	—
Sheetmetal workers and tinsmiths	17	17	—	—	—	—	—	—
Tool and die makers	123	117	6	—	6	—	—	—
Other metal craftsmen	271	271	—	—	—	—	—	—
Printing craftsmen	126	120	6	6	—	—	—	—
Compositors and typesetters	25	19	6	6	—	—	—	—
Pressmen and plate printers, printing	90	90	—	—	—	—	—	—
Stationary engineers and power station operators	30	30	—	—	—	5	—	—
Other craftsmen and kindred workers	518	458	34	11	7	16	26	—

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

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

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

THE STATE—Continued

Persons of Spanish Language—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Operatives, except transport	5 795	5 600	154	44	45	65	41	—
Assemblers.....	744	734	10	—	—	10	—	—
Checkers, examiners, and inspectors; manufacturing.....	356	338	18	6	5	7	—	—
Garage workers and gas station attendants.....	66	66	—	—	—	—	—	—
Laundry and drycleaning operatives, n.e.c.....	13	—	—	—	—	—	—	13
Meat cutters and butchers.....	124	102	15	7	8	—	7	—
Mine operatives, n.e.c.....	14	14	—	—	—	—	—	—
Packers and wrappers, except produce.....	221	213	8	8	—	—	—	—
Painters, manufactured articles.....	152	152	—	—	—	—	—	—
Precision machine operatives.....	413	386	27	—	19	8	—	—
Sawyers.....	14	14	—	—	—	—	—	—
Stationary firemen.....	66	53	13	—	—	13	—	—
Textile operatives.....	15	15	—	—	—	—	—	—
Welders and flamecutters.....	546	536	10	10	—	—	—	—
Other metalworking operatives.....	627	614	13	—	13	—	—	—
Other specified operatives.....	565	545	20	7	—	13	—	—
Miscellaneous and not specified operatives.....	1 859	1 818	20	6	—	14	21	—
Occupation:								
Machine operatives, miscellaneous specified.....	757	752	5	—	—	5	—	—
Machine operatives, not specified.....	540	540	—	—	—	—	—	—
Miscellaneous operatives.....	346	317	15	6	—	9	14	—
Not specified operatives.....	216	209	—	—	—	—	7	—
Industry:								
Manufacturing	1 751	1 728	16	6	—	10	7	—
Durable goods.....	1 420	1 397	16	6	—	10	7	—
Wood products, including furniture.....	28	28	—	—	—	—	—	—
Primary metal industries.....	437	424	6	6	—	—	7	—
Fabricated metal industries.....	192	187	5	—	—	5	—	—
Machinery, including electrical.....	232	232	—	—	—	—	—	—
Motor vehicles and equipment.....	368	363	5	—	—	5	—	—
Transportation equipment, except motor vehicles.....	21	21	—	—	—	—	—	—
Other durable goods.....	142	142	—	—	—	—	—	—
Nondurable goods.....	324	324	—	—	—	—	—	—
Food and kindred products.....	92	92	—	—	—	—	—	—
Apparel and other fabricated textile products.....	7	7	—	—	—	—	—	—
Paper and allied products.....	40	40	—	—	—	—	—	—
Chemicals and allied products.....	32	32	—	—	—	—	—	—
Other nondurable goods.....	153	153	—	—	—	—	—	—
Not specified manufacturing industries.....	7	7	—	—	—	—	—	—
Nonmanufacturing industries.....	108	90	4	—	—	4	14	—
Transportation, communications, and other public utilities.....	17	13	4	—	—	4	—	—
Wholesale and retail trade.....	51	51	—	—	—	—	—	—
All other industries.....	40	26	—	—	—	—	14	—
Transport equipment operatives.....	917	825	52	17	—	35	40	—
Bus drivers.....	19	8	11	—	—	11	—	—
Taxicab drivers and chauffeurs.....	44	29	6	6	—	—	9	—
Truck drivers and deliverymen.....	468	415	29	5	—	24	24	—
Other transport equipment operatives.....	386	373	6	6	—	—	7	—
Laborers, except farm	2 181	2 069	105	40	17	48	—	7
Construction laborers.....	180	180	—	—	—	—	—	—
Freight, stock, and material handlers.....	795	770	18	11	—	7	—	7
Other specified laborers.....	249	230	19	8	—	11	—	—
Miscellaneous and not specified laborers.....	957	889	68	21	17	30	—	—
Occupation:								
Miscellaneous laborers.....	350	317	33	8	8	17	—	—
Not specified laborers.....	607	572	35	13	9	13	—	—
Industry:								
Manufacturing	683	670	13	4	9	—	—	—
Durable goods.....	554	541	13	4	9	—	—	—
Wood products, including furniture.....	12	12	—	—	—	—	—	—
Metal industries.....	357	348	9	—	—	—	—	—
Machinery, including electrical.....	47	47	—	—	—	—	—	—
Transportation equipment.....	91	87	4	4	—	—	—	—
Other durable goods.....	47	47	—	—	—	—	—	—
Nondurable goods.....	129	129	—	—	—	—	—	—
Food and kindred products.....	50	50	—	—	—	—	—	—
Not specified manufacturing industries.....	—	—	—	—	—	—	—	—
Nonmanufacturing industries.....	274	219	55	17	8	30	—	—
Railroads and railway express service.....	152	135	17	17	—	—	—	—
Transportation, except railroads.....	8	8	—	—	—	—	—	—
Communications, and utilities and sanitary services.....	31	—	31	—	8	23	—	—
Wholesale and retail trade.....	70	70	—	—	—	—	—	—
All other industries.....	13	6	7	—	—	7	—	—
Formers and farm managers	55	6	—	—	—	—	49	—
Farm laborers and farm foremen	433	420	6	6	—	—	—	7
Paid farm laborers and farm foremen.....	426	420	6	6	—	—	—	7
Unpaid family workers.....	7	—	—	—	—	—	—	—
Service workers, except private household¹	1 373	1 052	265	29	59	177	56	—
Cleaning service workers.....	605	474	131	24	32	75	—	—
Food service workers.....	381	352	23	—	16	7	6	—
Cooks, except private household.....	133	120	7	—	—	7	6	—
Busboys and dishwashers.....	104	98	6	—	6	—	—	—
Health service workers.....	64	34	30	—	4	26	—	—
Personal service workers.....	108	58	—	—	—	—	50	—
Protective service workers.....	154	73	81	5	7	69	—	—
Fireman, fire protection.....	20	5	15	—	—	15	—	—
Guards and watchmen.....	64	53	11	—	—	11	—	—
Policemen and detectives.....	44	—	44	—	7	37	—	—
Private household workers	8	8	—	—	—	—	—	—

¹Includes allocated cases not shown separately.

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

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

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

THE STATE—Continued

Persons of Spanish Language—Continued

Female, 16 years old and over

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Female, 16 years old and over	10 013	8 097	1 590	269	413	908	258	68
Professional, technical, and kindred workers	1 485	786	657	77	159	421	35	7
Accountants	55	32	23	16	7	—	—	—
Computer specialists	14	14	—	—	—	—	—	—
Librarians	9	—	9	—	—	9	—	—
Mathematical specialists	—	—	—	—	—	—	—	—
Life and physical scientists	4	4	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	267	204	56	7	20	29	—	7
Dietitians	15	15	—	—	—	—	—	—
Registered nurses	245	189	49	7	13	29	—	7
Health technologists and technicians	146	140	6	—	—	6	—	—
Social scientists	—	—	—	—	—	—	—	—
Social and recreation workers	90	13	77	30	9	38	—	—
Teachers: College and university	168	85	83	—	70	13	—	—
Elementary and kindergarten	268	85	183	18	6	159	—	—
Secondary	222	54	168	—	27	141	—	—
Other teachers	52	13	14	6	8	—	—	25
Engineering and science technicians	25	20	5	—	5	—	—	—
Technicians, except health, and engineering and science	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	26	26	—	—	—	—	—	—
Actors and dancers	6	6	—	—	—	—	—	—
Authors, editors, and reporters	—	—	—	—	—	—	—	—
Other professional, technical, and kindred workers	139	96	33	—	7	26	10	—
Managers and administrators, except farm	198	102	64	19	12	33	26	6
Buyers, purchasing agents, and sales managers	23	23	—	—	—	—	—	—
Restaurant, cafeteria, and bar managers	32	7	—	—	—	—	—	6
School administrators	25	—	25	—	12	13	—	—
Other specified managers and administrators	60	21	39	19	—	20	—	—
Managers and administrators, n.e.c., salaried	51	51	—	—	—	—	—	—
Wholesale and retail trade	24	24	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	7	—	—	—	—	—	7	—
Wholesale and retail trade	—	—	—	—	—	—	—	—
Sales workers	615	551	—	—	—	—	64	—
Demonstrators, hucksters, and peddlers	25	25	—	—	—	—	—	—
Insurance, real estate agents, and brokers	48	35	—	—	—	—	—	13
Sales clerks, retail trade	490	439	—	—	—	—	—	51
Salesmen, retail trade	15	15	—	—	—	—	—	—
Other sales workers	37	37	—	—	—	—	—	—
Clerical and kindred workers	2 845	2 303	471	142	127	202	34	37
Bank tellers	43	43	—	—	—	—	—	—
Bookkeepers	259	237	16	—	—	16	6	—
Cashiers	264	220	25	—	7	18	14	5
Counter clerks, except food	58	58	—	—	—	—	—	—
Enumerators and interviewers	—	—	—	—	—	—	—	—
File clerks	77	72	5	5	—	—	—	—
Office machine operators	206	177	29	15	14	—	—	—
Bookkeeping and billing machine operators	27	21	6	—	6	—	—	—
Keypunch operators	97	82	15	7	8	—	—	—
Payroll and timekeeping clerks	12	12	—	—	—	—	—	—
Receptionists	124	124	—	—	—	—	—	—
Secretaries	683	534	103	42	36	25	14	32
Stenographers	28	20	8	8	—	—	—	—
Telephone operators	132	124	8	—	—	8	—	—
Typists	320	193	127	6	54	67	—	—
Other clerical and kindred workers	639	489	150	66	16	68	—	—
Craftsmen and kindred workers	196	191	—	—	—	—	5	—
Foremen, n.e.c.	17	17	—	—	—	—	—	—
Operatives, except transport	2 184	2 098	54	10	23	21	32	—
Assemblers	245	236	9	—	—	9	—	—
Bottling and canning operatives	15	15	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	74	68	—	—	—	—	6	—
Dressmakers and seamstresses, except factory	94	82	—	—	—	—	12	—
Laundry and drycleaning operatives, including ironers	175	168	7	—	—	7	—	—
Graders and sorters, manufacturing	17	17	—	—	—	—	—	—
Packers and wrappers, except produce	178	178	—	—	—	—	—	—
Sewers and stitchers	475	457	18	5	8	5	—	—
Textile operatives	15	15	—	—	—	—	—	—
Other specified operatives	350	334	11	5	6	—	5	—
Miscellaneous and not specified operatives	546	528	9	—	9	—	9	—
Manufacturing	462	462	—	—	—	—	—	—
Durable goods	164	164	—	—	—	—	—	—
Machinery, including electrical	87	87	—	—	—	—	—	—
Other durable goods	77	77	—	—	—	—	—	—
Nondurable goods, including not specified manufacturing	298	298	—	—	—	—	—	—
Food and kindred products	76	76	—	—	—	—	—	—
Apparel and other fabricated textile products	18	18	—	—	—	—	—	—
Nonmanufacturing industries	84	66	9	—	9	—	9	—
Transport equipment operatives	11	—	11	—	—	11	—	—
Laborers, except farm	105	86	7	—	—	7	12	—
Farmers and farm managers	—	—	—	—	—	—	—	—
Farm laborers and farm foremen	101	101	—	—	—	—	—	—
Paid farm laborers and farm foremen	101	101	—	—	—	—	—	—
Unpaid family workers	—	—	—	—	—	—	—	—
Service workers, except private household ¹	2 044	1 650	326	21	92	213	50	18
Cleaning service workers	362	245	111	6	47	58	6	—
Chambermaids and maids	64	49	15	—	—	15	—	—
Food service workers	702	621	63	—	28	35	—	18
Cooks, except private household	164	142	16	—	6	10	—	6
Waiters and food counter workers	311	288	11	—	—	11	—	12
Health service workers	512	402	103	15	10	78	7	—
Nursing aides, orderlies, and attendants	351	287	64	8	5	51	—	—
Practical nurses	68	40	21	—	—	21	7	—
Personal service workers	250	194	19	—	7	12	37	—
Hairdressers and cosmetologists	178	149	—	—	—	—	29	—
Private household workers	229	229	—	—	—	—	—	—
Private household workers, living in	24	24	—	—	—	—	—	—
Private household workers, living out	205	205	—	—	—	—	—	—

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

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

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

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

AKRON SMSA

Total

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Male, 16 years old and over	168 769	143 829	15 883	2 775	5 068	8 040	8 854	203
Professional, technical, and kindred workers	25 050	17 652	5 370	290	2 420	2 660	2 018	10
Accountants	1 814	1 527	166	78	45	43	121	—
Architects	116	90	8	—	—	8	18	—
Computer specialists	716	649	67	4	29	34	—	—
Engineers	6 015	5 676	234	44	101	89	105	—
Aeronautical and astronautical	332	327	5	5	—	—	—	—
Civil	517	352	125	5	52	68	40	—
Electrical and electronic	757	702	39	5	29	5	16	—
Mechanical	1 094	1 073	—	—	—	—	21	—
Other engineers	3 315	3 222	65	29	20	16	28	—
Lawyers and judges	661	188	75	5	9	61	398	—
Life and physical scientists	924	898	26	10	8	8	—	—
Chemists	841	827	14	5	4	5	—	—
Physicians, dentists, and related practitioners	1 507	594	76	11	39	26	837	—
Dentists	219	31	3	—	3	—	185	—
Pharmacists	273	216	—	—	—	—	57	—
Physicians, medical and osteopathic	888	338	67	5	36	26	483	—
Other related practitioners	127	9	6	6	—	—	112	—
Health technologists and technicians	191	137	49	—	19	30	5	—
Religious workers	536	456	4	—	4	—	76	—
Social scientists	317	152	138	13	32	93	22	5
Social and recreation workers	287	82	200	7	68	125	5	—
Teachers	4 078	765	3 281	23	1 529	1 729	32	—
College and university	1 538	180	1 358	6	1 331	21	—	—
Elementary and prekindergarten	523	152	371	—	31	340	—	—
Secondary	1 821	298	1 523	17	162	1 344	—	—
Engineering and science technicians	3 303	3 069	224	29	93	102	10	—
Draftsmen and surveyors	1 389	1 297	87	7	5	75	5	—
Electrical and electronic engineering technicians	336	290	46	9	37	—	—	—
Technicians, except health, and engineering and science	244	172	72	10	15	47	—	—
Airplane pilots	60	40	—	—	—	—	—	—
Writers, artists, and entertainers	1 664	1 254	107	4	72	31	298	5
Other professional, technical, and kindred workers	2 677	1 943	643	52	357	234	91	—
Managers and administrators, except farm	17 009	13 504	1 402	287	462	653	2 089	14
Buyers, purchasing agents, and sales managers	2 978	2 830	41	—	36	5	101	6
School administrators	447	51	396	—	141	255	—	—
Specified managers and administrators, public administration	519	—	519	254	43	222	—	—
Other specified managers and administrators	2 590	2 031	166	10	109	47	389	4
Managers and administrators, n.e.c., salaried	8 872	8 592	280	23	133	124	—	—
Manufacturing	3 791	3 791	—	—	—	—	—	—
Wholesale and retail trade	2 337	2 322	15	—	9	—	—	—
Transportation, communications and other public utilities	613	598	15	—	—	15	—	—
All other industries	2 131	1 881	250	23	124	103	—	—
Managers and administrators, n.e.c., self-employed	1 603	—	—	—	—	—	1 599	4
Construction	337	—	—	—	—	—	337	—
Manufacturing	113	—	—	—	—	—	109	4
Wholesale and retail trade	752	—	—	—	—	—	752	—
All other industries	401	—	—	—	—	—	401	—
Sales workers	10 237	9 071	129	36	82	11	1 005	32
Insurance agents, brokers, and underwriters	1 153	981	5	—	5	—	167	—
Real estate agents and brokers	495	337	—	—	—	—	158	—
Sales representatives, manufacturing industries	1 601	1 540	—	—	—	—	61	—
Sales representatives, wholesale trade	1 703	1 542	5	—	—	5	156	—
Sales clerks, retail trade	2 362	2 004	46	—	46	—	291	21
Salesmen, retail trade	1 254	1 182	—	—	—	—	66	6
Salesmen of services and construction	534	496	22	10	12	—	16	—
Other sales workers	1 135	989	51	26	19	6	90	5
Clerical and kindred workers	11 314	9 173	2 016	1 381	360	275	125	—
Bank tellers and cashiers	359	325	25	—	25	—	9	—
Bookkeepers and billing clerks	863	748	59	9	28	22	56	—
Mail handlers and postal clerks	1 428	189	1 239	1 224	10	5	—	—
Other clerical and kindred workers	8 664	7 911	693	148	297	248	60	—
Craftsmen and kindred workers	36 162	32 666	1 743	280	478	985	1 732	21
Apparel craftsmen and upholsterers	220	183	—	—	—	—	37	—
Bakers	263	248	5	—	5	—	10	—
Cabinetmakers	134	77	5	—	—	5	—	—
Construction craftsmen	7 862	6 665	462	33	138	291	729	6
Carpenters	1 951	1 570	49	—	29	20	326	6
Excavating, grading, and road machine operators	738	533	125	—	8	117	80	—
Electricians	1 795	1 684	91	5	31	55	18	—
Masons and tile setters	490	379	12	—	—	12	99	—
Painters, construction and maintenance, and paperhangers	659	446	99	12	38	49	114	—
Plasterers and cement finishers	307	269	11	6	5	—	27	—
Plumbers and pipe fitters	1 514	1 409	75	10	27	38	30	—
Other construction craftsmen	408	373	—	—	—	—	35	—
Foremen, n.e.c.	6 678	6 399	240	46	52	142	39	—
Manufacturing	4 808	4 763	40	5	17	5	5	—
Nonmanufacturing industries	1 870	1 636	200	28	35	137	34	—
Linemen and servicemen, telephone and power	1 336	1 307	29	—	5	24	—	—
Locomotive engineers and firemen	224	218	6	6	—	—	—	—
Mechanics and repairmen	8 215	7 200	471	96	104	271	537	7
Air conditioning, heating, and refrigeration	345	281	15	5	5	5	49	—
Aircraft	147	131	16	5	5	6	—	—
Automobile, including body	3 333	2 868	190	26	33	131	275	—
Radio and television	327	217	25	10	5	—	85	—
Other mechanics and repairmen	4 063	3 703	225	50	51	124	128	7
Metal craftsmen, except mechanics	6 213	6 096	51	35	5	11	62	4
Machinists and job and die setters	2 617	2 559	35	30	5	—	23	—
Sheetmetal workers and tinsmiths	606	599	—	—	—	—	7	—
Tool and die makers	1 250	1 232	5	5	—	—	9	4
Other metal craftsmen	1 740	1 706	11	—	—	11	23	—
Printing craftsmen	796	740	27	—	22	5	29	—
Compositors and typesetters	339	329	10	—	5	5	—	—
Pressmen and plate printers, printing	353	311	17	—	17	—	25	—
Stationary engineers and power station operators	621	457	164	4	29	131	—	—
Other craftsmen and kindred workers	3 600	3 076	283	60	118	105	237	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

AKRON SMSA—Continued

Total—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Operatives, except transport	35 835	34 822	648	158	217	273	347	18
Assemblers	2 007	1 946	43	24	6	13	18	—
Checkers, examiners, and inspectors, manufacturing	2 443	2 406	37	31	6	—	—	—
Garage workers and gas station attendants	1 592	1 527	9	—	—	9	52	4
Laundry and drycleaning operatives, n.e.c.	184	141	6	—	—	6	37	—
Meat cutters and butchers	570	562	4	—	4	—	4	—
Mine operatives, n.e.c.	74	74	—	—	—	—	—	—
Packers and wrappers, except produce	708	695	8	8	—	—	5	—
Painters, manufactured articles	502	490	3	—	—	—	9	—
Precision machine operatives	3 487	3 425	31	18	5	8	31	—
Sawyers	129	112	11	—	6	5	6	—
Stationary firemen	424	—	97	—	58	39	—	—
Textile operatives	33	33	—	—	—	—	—	—
Welders and flamecutters	2 855	2 781	53	4	25	24	21	—
Other metalworking operatives	2 092	2 067	21	4	10	7	4	—
Other specified operatives	4 772	4 518	150	19	72	59	99	5
Miscellaneous and not specified operatives	13 963	13 718	175	47	25	103	61	9
Occupation:								
Machine operatives, miscellaneous specified	8 969	8 866	76	24	9	43	18	9
Machine operatives, not specified	1 423	1 408	10	5	—	5	5	—
Miscellaneous operatives	2 085	2 001	57	8	5	44	27	—
Not specified operatives	1 486	1 443	32	10	11	11	11	—
Industry:								
Manufacturing	13 206	13 057	112	37	15	60	28	9
Durable goods	3 579	3 513	57	32	3	22	5	4
Wood products, including furniture	106	102	—	—	—	—	—	4
Primary metal industries	561	553	8	5	3	—	—	—
Fabricated metal industries	846	841	5	—	—	5	—	—
Machinery, including electrical	877	865	7	—	—	7	5	—
Motor vehicles and equipment	235	235	—	—	—	—	—	—
Transportation equipment, except motor vehicles	371	366	5	5	—	—	—	—
Other durable goods	583	551	32	22	—	10	—	—
Nondurable goods	9 511	9 439	44	5	6	33	23	5
Food and kindred products	155	155	—	—	—	—	—	—
Apparel and other fabricated textile products	14	14	—	—	—	—	—	—
Paper and allied products	189	189	—	—	—	—	—	—
Chemicals and allied products	362	353	—	—	—	—	9	—
Other nondurable goods	8 791	8 728	44	5	6	33	14	5
Not specified manufacturing industries	116	105	11	—	6	5	—	—
Nonmanufacturing industries	757	661	63	10	10	43	33	—
Transportation, communications, and other public utilities	109	89	20	—	—	20	—	—
Wholesale and retail trade	404	393	—	—	—	—	11	—
All other industries	244	179	43	10	10	23	22	—
Transport equipment operatives	10 109	9 262	539	99	113	327	303	5
Bus drivers	258	100	148	16	43	89	10	—
Toxicob drivers and chauffeurs	223	207	6	6	—	—	10	—
Truck drivers and deliverymen	7 467	6 943	292	54	39	199	227	5
Other transport equipment operatives	2 161	2 012	93	23	31	39	56	—
Laborers, except farm	10 300	9 306	816	118	189	509	151	27
Construction laborers	1 300	1 074	221	4	49	168	5	—
Freight, stock, and material handlers	4 846	4 605	164	65	25	74	58	19
Other specified laborers	2 323	1 934	298	25	105	168	88	3
Miscellaneous and not specified laborers	1 831	1 693	133	24	10	99	—	5
Occupation:								
Miscellaneous laborers	694	638	56	17	—	39	—	—
Not specified laborers	1 137	1 055	77	7	10	60	—	5
Industry:								
Manufacturing	1 281	1 266	15	12	—	3	—	—
Durable goods	648	633	15	12	—	3	—	—
Wood products, including furniture	33	33	—	—	—	—	—	—
Metal industries	306	303	3	—	—	3	—	—
Machinery, including electrical	64	64	—	—	—	—	—	—
Transportation equipment	66	66	—	—	—	—	—	—
Other durable goods	179	167	12	12	—	—	—	—
Nondurable goods	633	633	—	—	—	—	—	—
Food and kindred products	30	30	—	—	—	—	—	—
Not specified manufacturing industries	—	—	—	—	—	—	—	—
Nonmanufacturing industries	550	427	118	12	10	96	—	5
Railroads and railway express service	61	49	12	12	—	—	—	—
Transportation, except railroads	41	41	—	—	—	—	—	—
Communications, and utilities and sanitary services	88	37	51	—	—	51	—	—
Wholesale and retail trade	177	177	—	—	—	—	—	—
All other industries	183	123	55	—	10	45	—	5
Farmers and farm managers	542	35	6	—	—	6	501	—
Farm laborers and farm foremen	429	352	8	—	8	—	5	64
Paid farm laborers and farm foremen	365	352	8	—	8	—	5	—
Unpaid family workers	64	—	—	—	—	—	—	64
Service workers, except private household	11 732	7 941	3 206	126	739	2 341	573	12
Cleaning service workers	4 875	3 560	1 257	69	353	835	58	—
Food service workers	2 415	2 135	145	—	140	5	129	6
Cooks, except private household	677	649	—	—	—	—	28	—
Busboys and dishwashers	781	666	109	—	104	5	—	6
Health service workers	334	247	87	6	45	36	—	—
Personal service workers	1 110	695	75	10	20	45	334	6
Protective service workers	2 295	764	1 509	29	102	1 378	22	—
Firemen, fire protection	466	34	432	3	—	429	—	—
Guards and watchmen	763	683	63	21	11	31	17	—
Policemen and detectives	945	42	898	5	91	802	5	—
Private household workers	50	45	—	—	—	—	5	—

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**

AKRON 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	91 294	71 937	16 203	1 542	4 941	9 720	2 508	646
Professional, technical, and kindred workers	14 255	6 551	7 191	217	1 547	5 427	504	9
Accountants.....	432	350	57	11	7	39	21	4
Computer specialists.....	139	116	23	—	23	—	—	—
Librarians.....	352	72	280	—	103	177	—	—
Mathematical specialists.....	16	16	—	—	—	16	—	—
Life and physical scientists.....	91	80	8	—	8	—	3	—
Registered nurses, dietitians, and therapists.....	2 762	2 152	538	80	110	348	72	—
Dietitians.....	157	118	39	10	3	26	—	—
Registered nurses.....	2 474	1 969	444	64	90	290	61	—
Health technologists and technicians.....	728	639	89	—	25	64	—	—
Social scientists.....	45	10	35	8	8	19	—	—
Social and recreation workers.....	547	120	427	49	102	276	—	—
Teachers: College and university.....	546	52	494	4	482	8	—	—
Elementary and prekindergarten.....	4 195	918	3 259	22	244	2 993	18	—
Secondary.....	1 527	285	1 242	4	107	1 131	—	—
Other teachers.....	364	153	55	5	13	37	156	—
Engineering and science technicians.....	332	292	36	—	13	23	4	—
Technicians, except health, and engineering and science.....	58	28	30	—	11	19	—	—
Writers, artists, and entertainers.....	606	457	32	4	23	5	117	—
Actors and dancers.....	8	—	4	—	4	—	4	—
Authors, editors, and reporters.....	127	106	14	4	10	—	7	—
Other professional, technical, and kindred workers.....	1 515	811	586	30	268	288	113	5
Managers and administrators, except farm	2 798	2 052	351	57	79	215	315	80
Buyers, purchasing agents, and sales managers.....	445	420	6	—	—	6	19	—
Restaurant, cafeteria, and bar managers.....	392	249	61	7	—	54	72	10
School administrators.....	111	46	65	—	—	65	—	—
Other specified managers and administrators.....	517	335	124	31	34	59	45	13
Managers and administrators, n.e.c., salaried.....	1 097	1 002	95	19	45	31	—	—
Wholesale and retail trade.....	409	409	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed.....	236	—	—	—	—	—	179	57
Wholesale and retail trade.....	146	—	—	—	—	—	106	40
Sales workers	8 557	8 143	49	5	29	15	275	90
Demonstrators, hucksters, and peddlers.....	494	413	—	—	—	—	81	—
Insurance, real estate agents, and brokers.....	647	619	7	—	—	—	28	—
Sales clerks, retail trade.....	6 064	5 878	5	—	—	7	94	85
Salesmen, retail trade.....	211	189	5	5	—	—	12	5
Other sales workers.....	1 141	1 044	37	—	29	8	60	—
Clerical and kindred workers	33 706	28 126	5 040	995	1 933	2 112	261	279
Bank tellers.....	810	778	32	28	—	4	—	—
Bookkeepers.....	3 535	3 188	168	9	62	97	85	94
Cashiers.....	2 605	2 401	188	25	90	73	16	—
Counter clerks, except food.....	557	529	23	—	19	4	5	—
Enumerators and interviewers.....	83	41	32	32	—	—	10	—
File clerks.....	871	722	149	21	83	45	—	—
Office machine operators.....	1 529	1 367	157	17	83	57	5	—
Bookkeeping and billing machine operators.....	141	133	8	—	—	8	—	—
Keypunch operators.....	973	872	101	8	60	33	—	—
Payroll and timekeeping clerks.....	487	465	22	3	15	4	—	—
Receptionists.....	1 128	937	157	16	127	14	9	25
Secretaries.....	10 523	8 774	1 609	119	709	781	53	87
Stenographers.....	281	232	49	5	24	20	—	—
Telephone operators.....	993	926	67	11	30	26	—	—
Typists.....	3 337	2 524	765	62	327	376	23	25
Other clerical and kindred workers.....	6 967	5 242	1 622	647	364	611	55	48
Craftsmen and kindred workers	1 504	1 365	101	—	46	55	26	12
Foremen, n.e.c.....	293	283	10	—	—	10	—	—
Operatives, except transport	9 191	8 824	194	33	85	76	167	6
Assemblers.....	839	830	5	5	—	—	4	—
Bottling and canning operatives.....	11	11	—	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing.....	911	899	4	4	—	—	8	—
Dressmakers and seamstresses, except factory.....	243	147	20	—	14	6	76	—
Laundry and drycleaning operatives, including ironers.....	710	646	46	—	14	32	18	—
Graders and sorters, manufacturing.....	15	10	5	5	—	—	—	—
Packers and wrappers, except produce.....	1 048	1 028	20	9	11	—	—	—
Sewers and stitchers.....	346	329	—	—	—	—	17	—
Textile operatives.....	11	11	—	—	—	—	—	—
Other specified operatives.....	1 992	1 937	36	—	22	14	19	—
Miscellaneous and not specified operatives.....	3 065	2 976	58	10	24	24	25	6
Manufacturing.....	2 829	2 767	36	10	9	17	20	6
Durable goods.....	648	630	18	10	—	8	—	—
Machinery, including electrical.....	204	201	3	—	—	—	—	—
Other durable goods.....	444	429	15	10	—	5	—	—
Nondurable goods, including not specified manufacturing.....	2 181	2 137	18	—	9	9	20	6
Food and kindred products.....	88	79	—	—	—	—	9	—
Apparel and other fabricated textile products.....	14	9	—	—	—	—	5	—
Nonmanufacturing industries.....	236	209	22	—	15	7	5	—
Transport equipment operatives.....	503	287	176	9	25	142	29	11
Laborers, except farm.....	698	658	37	18	9	10	3	—
Farmers and farm managers.....	108	5	—	—	—	—	103	—
Farm laborers and farm foremen.....	307	205	4	—	—	4	—	98
Paid farm laborers and farm foremen.....	209	205	4	—	—	—	—	—
Unpaid family workers.....	98	—	—	—	—	—	—	98
Service workers, except private household¹	17 580	13 640	3 060	208	1 188	1 664	819	61
Cleaning service workers.....	2 499	1 984	490	31	220	239	19	6
Chambermaids and maids.....	480	376	98	—	66	32	6	—
Food service workers.....	8 055	6 581	1 353	61	532	760	102	19
Cooks, except private household.....	2 062	1 407	594	29	200	365	47	14
Waiters and food counter workers.....	4 284	3 970	264	10	130	124	45	5
Health service workers.....	3 252	2 683	501	59	169	273	49	19
Nursing aides, orderlies, and attendants.....	1 613	1 240	373	28	154	191	—	—
Practical nurses.....	797	661	87	17	5	65	49	—
Personal service workers.....	2 323	1 344	384	28	118	238	583	12
Hairdressers and cosmetologists.....	1 468	962	—	—	—	—	500	6
Private household workers	2 087	2 081	—	—	—	—	6	—
Private household workers, living in.....	130	130	—	—	—	—	—	—
Private household workers, living out.....	1 957	1 951	—	—	—	—	6	—

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

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

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

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

AKRON SMSA—Continued

Negro

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Male, 16 years old and over	10 092	8 598	1 271	483	248	540	218	5
Professional, technical, and kindred workers	498	274	187	26	58	103	37	—
Accountants	20	8	6	—	—	6	6	—
Architects	—	—	—	—	—	—	—	—
Computer specialists	10	10	—	—	—	—	—	—
Engineers	16	16	—	—	—	—	—	—
Aeronautical and astronautical	—	—	—	—	—	—	—	—
Civil	—	—	—	—	—	—	—	—
Electrical and electronic	5	5	—	—	—	—	—	—
Mechanical	—	—	—	—	—	—	—	—
Other engineers	11	11	—	—	—	—	—	—
Lawyers and judges	4	—	—	—	—	—	4	—
Life and physical scientists	30	30	—	—	—	—	—	—
Chemists	30	30	—	—	—	—	—	—
Physicians, dentists, and related practitioners	21	4	—	—	—	—	17	—
Dentists	12	—	—	—	—	—	12	—
Pharmacists	4	4	—	—	—	—	—	—
Physicians, medical and osteopathic	5	—	—	—	—	—	5	—
Other related practitioners	—	—	—	—	—	—	—	—
Health technologists and technicians	24	14	5	—	—	5	5	—
Religious workers	19	14	—	—	—	—	5	—
Social scientists	9	—	9	—	—	9	—	—
Social and recreation workers	46	31	15	—	5	10	—	—
Teachers	81	—	81	5	24	52	—	—
College and university	29	—	29	—	21	8	—	—
Elementary and prekindergarten	35	—	35	—	—	35	—	—
Secondary	17	—	17	5	3	9	—	—
Engineering and science technicians	75	70	5	5	—	—	—	—
Draftsmen and surveyors	24	24	—	—	—	—	—	—
Electrical and electronic engineering technicians	11	11	—	—	—	—	—	—
Technicians, except health, and engineering and science	10	5	5	—	—	5	—	—
Airplane pilots	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	30	30	—	—	—	—	—	—
Other professional, technical, and kindred workers	103	42	61	16	29	16	—	—
Managers and administrators, except farm	192	109	42	14	19	9	41	—
Buyers, purchasing agents, and sales managers	45	45	—	—	—	—	—	—
School administrators	5	—	5	—	—	5	—	—
Specified managers and administrators, public administration	19	—	19	10	5	4	—	—
Other specified managers and administrators	39	16	—	—	—	—	23	—
Managers and administrators, n.e.c., salaried	66	48	18	4	14	—	—	—
Manufacturing	16	16	—	—	—	—	—	—
Wholesale and retail trade	16	16	—	—	—	—	—	—
Transportation, communications and other public utilities	—	—	—	—	—	—	—	—
All other industries	34	16	18	4	14	—	—	—
Managers and administrators, n.e.c., self-employed	18	—	—	—	—	—	18	—
Construction	9	—	—	—	—	—	9	—
Manufacturing	—	—	—	—	—	—	—	—
Wholesale and retail trade	9	—	—	—	—	—	9	—
All other industries	—	—	—	—	—	—	—	—
Sales workers	154	127	7	7	—	—	15	5
Insurance agents, brokers, and underwriters	18	18	—	—	—	—	—	—
Real estate agents and brokers	—	—	—	—	—	—	—	—
Sales representatives, manufacturing industries	5	—	—	—	—	—	5	—
Sales representatives, wholesale trade	20	15	—	—	—	—	5	—
Sales clerks, retail trade	63	53	—	—	—	—	5	5
Salesmen, retail trade	5	5	—	—	—	—	—	—
Salesmen of services and construction	8	8	—	—	—	—	—	—
Other sales workers	35	28	7	7	—	—	—	—
Clerical and kindred workers	481	293	182	156	24	2	6	—
Bank tellers and cashiers	11	11	—	—	—	—	—	—
Bookkeepers and billing clerks	—	—	—	—	—	—	—	—
Mail handlers and postal clerks	154	9	145	145	—	—	—	—
Other clerical and kindred workers	316	273	37	11	24	2	6	—
Craftsmen and kindred workers	1 406	1 205	160	64	37	59	41	—
Apparel craftsmen and upholsterers	11	11	—	—	—	—	—	—
Bakers	16	16	—	—	—	—	—	—
Cabinetmakers	—	—	—	—	—	—	—	—
Construction craftsmen	355	277	59	18	20	21	19	—
Carpenters	50	39	—	—	—	—	11	—
Excavating, grading, and road machine operators	20	13	7	—	—	7	—	—
Electricians	34	29	5	—	—	5	—	—
Masons and tile setters	24	24	—	—	—	—	—	—
Painters, construction and maintenance, and paperhangers	67	45	22	12	10	—	—	—
Plasterers and cement finishers	90	76	6	6	—	—	8	—
Plumbers and pipe fitters	63	44	19	—	10	9	—	—
Other construction craftsmen	7	7	—	—	—	—	—	—
Foremen, n.e.c.	166	139	27	10	12	5	—	—
Manufacturing	126	99	27	10	12	5	—	—
Nonmanufacturing industries	40	40	—	—	—	—	—	—
Linemen and servicemen, telephone and power	44	44	—	—	—	—	—	—
Locomotive engineers and firemen	—	—	—	—	—	—	—	—
Mechanics and repairmen	223	173	35	14	5	16	15	—
Air conditioning, heating, and refrigeration	—	—	—	—	—	—	—	—
Aircraft	—	—	—	—	—	—	—	—
Automobile, including body	131	105	14	9	—	5	12	—
Radio and television	11	8	—	—	—	—	3	—
Other mechanics and repairmen	81	60	21	5	5	11	—	—
Metal craftsmen, except mechanics	201	197	4	—	—	4	—	—
Machinists and job and die setters	77	77	—	—	—	—	—	—
Sheetmetal workers and tinsmiths	15	15	—	—	—	—	—	—
Tool and die makers	4	4	—	—	—	—	—	—
Other metal craftsmen	105	101	4	—	—	4	—	—
Printing craftsmen	23	23	—	—	—	—	—	—
Compositors and typesetters	5	5	—	—	—	—	—	—
Pressmen and plate printers, printing	14	14	—	—	—	—	—	—
Stationary engineers and power station operators	18	9	9	—	—	9	—	—
Other craftsmen and kindred workers	349	316	26	22	—	4	7	—

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**

AKRON SMSA—Continued

Negro—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Operatives, except transport	4 012	3 855	127	48	19	60	30	—
Assemblers.....	150	141	9	9	—	—	—	—
Checkers, examiners, and inspectors, manufacturing.....	194	194	—	—	—	—	—	—
Garage workers and gas station attendants.....	50	44	—	—	—	—	6	—
Laundry and drycleaning operatives, n.e.c.....	26	26	—	—	—	—	—	—
Meat cutters and butchers.....	10	10	—	—	—	—	—	—
Mine operatives, n.e.c.....	4	4	—	—	—	—	—	—
Packers and wrappers, except produce.....	64	56	8	8	—	—	—	—
Painters, manufactured articles.....	52	49	3	3	—	—	—	—
Precision machine operatives.....	158	148	10	7	—	3	—	—
Sawyers.....	10	10	—	—	—	—	—	—
Stationary fireman.....	6	6	—	—	—	—	—	—
Textile operatives.....	—	—	—	—	—	—	—	—
Welders and flamecutters.....	437	418	16	—	11	5	3	—
Other metalworking operatives.....	238	233	5	—	5	—	—	—
Other specified operatives.....	721	693	22	6	—	16	6	—
Miscellaneous and not specified operatives.....	1 892	1 823	54	15	3	36	15	—
Occupation:								
Machine operatives, miscellaneous specified.....	1 312	1 267	40	10	3	27	5	—
Machine operatives, not specified.....	186	176	10	5	—	5	—	—
Miscellaneous operatives.....	204	195	4	—	—	4	5	—
Not specified operatives.....	190	185	—	—	—	—	5	—
Industry:								
Manufacturing	1 785	1 735	40	5	3	32	10	—
Durable goods.....	286	273	13	5	3	5	—	—
Wood products, including furniture.....	3	3	—	—	—	—	—	—
Primary metal industries.....	60	57	3	—	3	—	—	—
Fabricated metal industries.....	104	99	5	—	—	5	—	—
Machinery, including electrical.....	3	3	—	—	—	—	—	—
Motor vehicles and equipment.....	52	52	—	—	—	—	—	—
Transportation equipment, except motor vehicles.....	37	37	—	—	—	—	—	—
Other durable goods.....	27	22	5	5	—	—	—	—
Nondurable goods.....	1 489	1 457	22	—	—	22	10	—
Food and kindred products.....	4	4	—	—	—	—	—	—
Apparel and other fabricated textile products.....	—	—	—	—	—	—	—	—
Paper and allied products.....	5	5	—	—	—	—	—	—
Chemicals and allied products.....	16	16	—	—	—	—	—	—
Other nondurable goods.....	1 464	1 432	22	—	—	22	10	—
Not specified manufacturing industries.....	10	5	5	—	—	5	—	—
Nonmanufacturing industries.....	107	88	14	10	—	4	5	—
Transportation, communications, and other public utilities.....	4	4	—	—	—	—	—	—
Wholesale and retail trade.....	64	64	—	—	—	—	—	—
All other industries.....	39	20	14	10	—	4	5	—
Transport equipment operatives	718	578	118	41	14	63	22	—
Bus drivers.....	49	15	34	9	—	25	—	—
Taxicab drivers and chauffeurs.....	32	26	6	6	—	—	—	—
Truck drivers and deliverymen.....	397	326	54	26	8	20	17	—
Other transport equipment operatives.....	240	211	24	—	6	18	5	—
Laborers, except farm	1 341	1 175	162	68	10	84	4	—
Construction laborers.....	214	192	22	4	3	15	—	—
Freight, stock, and material handlers.....	337	274	63	39	—	24	—	—
Other specified laborers.....	404	371	29	13	7	9	4	—
Miscellaneous and not specified laborers.....	386	338	48	12	—	36	—	—
Occupation:								
Miscellaneous laborers.....	201	179	22	5	—	17	—	—
Not specified laborers.....	185	159	26	7	—	19	—	—
Industry:								
Manufacturing.....	264	261	3	—	—	3	—	—
Durable goods.....	155	152	3	—	—	3	—	—
Wood products, including furniture.....	4	4	—	—	—	—	—	—
Metal industries.....	104	101	3	—	—	3	—	—
Machinery, including electrical.....	8	8	—	—	—	—	—	—
Transportation equipment.....	21	21	—	—	—	—	—	—
Other durable goods.....	18	18	—	—	—	—	—	—
Nondurable goods.....	109	109	—	—	—	—	—	—
Food and kindred products.....	8	8	—	—	—	—	—	—
Not specified manufacturing industries.....	—	—	—	—	—	—	—	—
Nonmanufacturing industries.....	122	77	45	12	—	33	—	—
Railroads and railway express service.....	48	36	12	12	—	—	—	—
Transportation, except railroads.....	—	—	—	—	—	—	—	—
Communications, and utilities and sanitary services.....	25	3	22	—	—	22	—	—
Wholesale and retail trade.....	17	17	—	—	—	—	—	—
All other industries.....	32	21	11	—	—	11	—	—
Farmers and farm managers	4	—	—	—	—	—	4	—
Farm laborers and farm foremen	19	19	—	—	—	—	—	—
Paid farm laborers and farm foremen.....	19	19	—	—	—	—	—	—
Unpaid family workers.....	—	—	—	—	—	—	—	—
Service workers, except private household¹	1 256	952	286	59	67	160	18	—
Cleaning service workers.....	802	618	180	35	44	101	4	—
Food service workers.....	182	177	5	—	5	—	—	—
Cooks, except private household.....	43	43	—	—	—	—	—	—
Busboys and dishwashers.....	54	49	5	—	5	—	—	—
Health service workers.....	24	5	19	—	11	8	—	—
Personal service workers.....	104	86	9	4	—	5	9	—
Protective service workers.....	75	23	52	8	7	37	—	—
Firemen, fire protection.....	—	—	—	—	—	—	—	—
Guards and watchmen.....	29	18	11	8	—	3	—	—
Policemen and detectives.....	36	—	36	—	7	29	—	—
Private household workers	11	11	—	—	—	—	—	—

¹Includes allocated cases not shown separately.

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

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

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

AKRON SMSA—Continued

Negro—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Female, 16 years old and over	7 219	5 572	1 534	429	521	584	90	23
Professional, technical, and kindred workers	626	281	329	79	64	186	16	—
Accountants	4	4	—	—	—	—	—	—
Computer specialists	—	—	—	—	—	—	—	—
Librarians	4	—	4	—	—	4	—	—
Mathematical specialists	—	—	—	—	—	—	—	—
Life and physical scientists	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	155	90	49	15	19	15	16	—
Dietitians	17	—	17	10	—	7	—	—
Registered nurses	129	81	32	5	19	8	16	—
Health technologists and technicians	76	71	5	—	—	5	—	—
Social scientists	7	4	3	—	3	—	—	—
Social and recreation workers	75	21	54	23	10	21	—	—
Teachers:	15	5	10	4	6	—	—	—
Elementary and prekindergarten	170	36	134	9	10	115	—	—
Secondary	20	—	20	—	—	20	—	—
Other teachers	—	—	—	—	—	—	—	—
Engineering and science technicians	15	15	—	—	—	—	—	—
Technicians, except health, and engineering and science	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	16	12	4	4	—	—	—	—
Actors and dancers	—	—	—	—	—	—	—	—
Authors, editors, and reporters	4	—	4	4	—	—	—	—
Other professional, technical, and kindred workers	69	23	46	24	16	6	—	—
Managers and administrators, except farm	83	56	23	5	12	6	—	4
Buyers, purchasing agents, and sales managers	14	14	—	—	—	—	—	—
Restaurant, cafeteria, and bar managers	26	26	—	—	—	—	—	—
School administrators	6	—	6	—	—	6	—	—
Other specified managers and administrators	5	—	5	—	5	—	—	—
Managers and administrators, n.e.c., salaried	28	16	12	5	7	—	—	—
Wholesale and retail trade	6	6	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	4	—	—	—	—	—	—	4
Wholesale and retail trade	4	—	—	—	—	—	—	4
Sales workers	300	296	—	—	—	—	—	4
Demonstrators, hucksters, and peddlers	—	—	—	—	—	—	—	—
Insurance, real estate agents, and brokers	17	17	—	—	—	—	—	—
Sales clerks, retail trade	219	215	—	—	—	—	—	4
Salesmen, retail trade	9	9	—	—	—	—	—	—
Other sales workers	55	55	—	—	—	—	—	—
Clerical and kindred workers	1 441	973	461	212	106	143	—	7
Bank tellers	15	15	—	—	—	—	—	—
Bookkeepers	50	50	—	—	—	—	—	—
Cashiers	143	129	14	6	—	8	—	—
Counter clerks, except food	34	34	—	—	—	—	—	—
Enumerators and interviewers	17	7	10	10	—	—	—	—
File clerks	40	29	11	5	6	—	—	—
Office machine operators	112	68	44	4	13	27	—	—
Bookkeeping and billing machine operators	12	12	—	—	—	—	—	—
Keypunch operators	67	45	22	4	7	11	—	—
Payroll and timekeeping clerks	5	5	5	—	5	—	—	—
Receptionists	55	36	12	9	3	—	—	7
Secretaries	276	194	82	13	27	42	—	—
Stenographers	22	17	5	5	—	—	—	—
Telephone operators	81	81	—	—	—	—	—	—
Typists	178	101	77	20	21	36	—	—
Other clerical and kindred workers	413	212	201	140	31	30	—	—
Craftsmen and kindred workers	86	76	7	—	7	—	—	3
Foremen, n.e.c.	21	21	—	—	—	—	—	—
Operatives, except transport	922	879	43	9	29	5	—	—
Assemblers	70	70	—	—	—	—	—	—
Bottling and canning operatives	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	46	46	—	—	—	—	—	—
Dressmakers and seamstresses, except factory	13	9	4	—	4	—	—	—
Laundry and drycleaning operatives, including ironers	255	245	10	—	10	—	—	—
Graders and sorters, manufacturing	—	—	—	—	—	—	—	—
Packers and wrappers, except produce	68	59	9	9	—	—	—	—
Sewers and stitchers	37	37	—	—	—	—	—	—
Textile operatives	5	5	—	—	—	—	—	—
Other specified operatives	157	151	6	—	6	—	—	—
Miscellaneous and not specified operatives	271	257	14	—	9	5	—	—
Manufacturing	227	213	14	—	9	5	—	—
Durable goods	14	14	—	—	—	—	—	—
Machinery, including electrical	—	—	—	—	—	—	—	—
Other durable goods	14	14	—	—	—	—	—	—
Nondurable goods, including not specified manufacturing	213	199	14	—	9	5	—	—
Food and kindred products	11	11	—	—	—	—	—	—
Apparel and other fabricated textile products	—	—	—	—	—	—	—	—
Nonmanufacturing industries	44	44	—	—	—	—	—	—
Transport equipment operatives	13	13	—	—	—	—	—	—
Laborers, except farm	134	114	20	10	5	5	—	—
Farmers and farm managers	13	—	—	—	—	—	13	—
Farm laborers and farm foremen	27	22	—	—	—	—	—	5
Paid farm laborers and farm foremen	22	22	—	—	—	—	—	—
Unpaid family workers	5	—	—	—	—	—	—	5
Service workers, except private household¹	2 593	1 881	651	114	298	239	61	—
Cleaning service workers	746	571	171	22	81	68	4	—
Chambermaids and maids	150	113	37	—	25	12	—	—
Food service workers	594	447	147	20	65	62	—	—
Cooks, except private household	249	172	77	12	32	33	—	—
Waiters and food counter workers	144	134	10	—	10	—	—	—
Health service workers	713	540	158	47	88	23	15	—
Nursing aides, orderlies, and attendants	468	354	114	16	83	15	—	—
Practical nurses	171	129	27	17	5	5	15	—
Personal service workers	256	135	79	14	19	46	42	—
Hairdressers and cosmetologists	79	47	—	—	—	—	32	—
Private household workers	981	981	—	—	—	—	—	—
Private household workers, living in	19	19	—	—	—	—	—	—
Private household workers, living out	962	962	—	—	—	—	—	—

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

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

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

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

CANTON SMSA

Total

Male, 16 years old and over

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Male, 16 years old and over	92 080	79 836	6 254	1 365	928	3 961	5 848	142
Professional, technical, and kindred workers	10 622	7 943	1 731	119	310	1 302	948	—
Accountants	822	658	62	10	37	15	102	—
Architects	50	36	—	—	—	—	14	—
Computer specialists	336	316	20	5	6	9	—	—
Engineers	2 295	2 220	40	16	5	19	35	—
Aeronautical and astronautical	96	96	—	—	—	—	—	—
Civil	169	145	19	—	5	14	5	—
Electrical and electronic	361	354	7	7	—	—	—	—
Mechanical	328	328	—	—	—	—	—	—
Other engineers	1 341	1 297	14	9	—	5	30	—
Lawyers and judges	286	78	16	—	—	16	192	—
Life and physical scientists	359	353	6	—	—	6	—	—
Chemists	336	330	6	—	—	6	—	—
Physicians, dentists, and related practitioners	715	264	17	—	17	—	434	—
Dentists	167	—	—	—	—	—	167	—
Pharmacists	175	167	—	—	—	—	8	—
Physicians, medical and osteopathic	303	86	17	—	17	—	200	—
Other related practitioners	70	11	—	—	—	—	59	—
Health technologists and technicians	50	32	13	—	5	8	5	—
Religious workers	392	324	9	—	9	—	59	—
Social scientists	53	29	20	—	—	20	4	—
Social and recreation workers	131	58	73	5	21	47	—	—
Teachers	1 665	471	1 164	9	117	1 038	30	—
College and university	170	96	74	9	56	9	—	—
Elementary and prekindergarten	389	101	283	—	10	273	5	—
Secondary	1 027	220	807	—	51	756	—	—
Engineering and science technicians	1 722	1 654	64	11	20	33	4	—
Draftsmen and surveyors	956	928	24	—	—	24	4	—
Electrical and electronic engineering technicians	180	169	11	11	—	—	—	—
Technicians, except health, and engineering and science	117	71	46	46	—	—	—	—
Airplane pilots	38	38	—	—	—	—	—	—
Writers, artists, and entertainers	682	592	32	—	16	16	58	—
Other professional, technical, and kindred workers	947	787	149	17	57	75	11	—
Managers and administrators, except farm	8 316	6 429	666	97	127	442	1 206	15
Buyers, purchasing agents, and sales managers	1 297	1 211	18	—	13	5	68	—
School administrators	282	37	245	—	42	203	—	—
Specified managers and administrators, public administration	234	—	234	89	42	103	—	—
Other specified managers and administrators	1 419	1 142	56	—	11	45	216	5
Managers and administrators, n.e.c., salaried	4 152	4 039	113	8	19	86	—	—
Manufacturing	1 435	1 435	—	—	—	—	—	—
Wholesale and retail trade	1 425	1 421	4	4	—	—	—	—
Transportation, communications and other public utilities	314	298	16	4	—	12	—	—
All other industries	978	885	93	—	19	74	—	—
Managers and administrators, n.e.c., self-employed	932	—	—	—	—	—	922	10
Construction	195	—	—	—	—	—	195	—
Manufacturing	97	—	—	—	—	—	97	—
Wholesale and retail trade	466	—	—	—	—	—	461	5
All other industries	174	—	—	—	—	—	169	5
Sales workers	5 783	5 077	23	4	9	10	664	19
Insurance agents, brokers, and underwriters	726	598	—	—	—	—	128	—
Real estate agents and brokers	250	180	—	—	—	—	70	—
Sales representatives, manufacturing industries	629	612	—	—	—	—	17	—
Sales representatives, wholesale trade	1 138	1 043	—	—	—	—	95	—
Sales clerks, retail trade	1 229	1 053	13	4	9	—	144	19
Salesmen, retail trade	826	729	—	—	—	—	97	—
Salesmen of services and construction	219	184	5	—	—	5	30	—
Other sales workers	766	678	5	—	—	5	83	—
Clerical and kindred workers	6 338	5 269	1 019	803	69	147	50	—
Bank tellers and cashiers	107	95	5	—	—	5	7	—
Bookkeepers and billing clerks	640	583	32	6	—	26	25	—
Mail handlers and postal clerks	763	52	711	704	2	5	—	—
Other clerical and kindred workers	4 828	4 539	271	93	67	111	18	—
Craftsmen and kindred workers	22 564	20 670	609	113	91	405	1 270	15
Apparel craftsmen and upholsterers	90	47	—	—	—	—	43	—
Bakers	168	157	—	—	—	—	11	—
Cabinetmakers	67	57	—	—	—	—	10	—
Construction craftsmen	4 900	4 075	178	13	24	141	632	15
Carpenters	1 140	907	14	4	10	—	209	10
Excavating, grading, and road machine operators	537	430	66	—	—	66	36	5
Electricians	1 027	970	29	9	—	20	28	—
Masons and tile setters	489	421	—	—	—	—	68	—
Painters, construction and maintenance, and paperhangers	480	275	45	—	—	45	160	—
Plasterers and cement finishers	117	78	—	—	—	—	39	—
Plumbers and pipe fitters	754	680	24	—	14	10	50	—
Other construction craftsmen	356	314	—	—	—	—	42	—
Foremen, n.e.c.	3 885	3 740	120	26	21	73	25	—
Manufacturing	2 984	2 974	10	5	—	5	—	—
Nonmanufacturing industries	901	766	110	21	21	68	25	—
Linemen and servicemen, telephone and power	524	524	—	—	—	—	—	—
Locomotive engineers and firemen	219	214	5	5	—	—	—	—
Mechanics and repairmen	4 309	3 838	155	47	22	86	316	—
Air conditioning, heating, and refrigeration	133	100	7	—	7	—	26	—
Aircraft	47	42	5	—	5	—	—	—
Automobile, including body	1 494	1 250	46	11	—	35	198	—
Radio and television	222	165	18	6	6	6	39	—
Other mechanics and repairmen	2 413	2 281	79	30	4	45	53	—
Metal craftsmen, except mechanics	4 253	4 198	20	8	9	3	35	—
Machinists and job and die setters	1 197	1 190	4	4	—	—	3	—
Sheetmetal workers and tinsmiths	262	250	—	—	—	—	12	—
Tool and die makers	881	870	—	—	—	—	11	—
Other metal craftsmen	1 913	1 888	16	4	9	3	9	—
Printing craftsmen	576	556	15	—	—	15	5	—
Compositors and typesetters	186	177	4	—	—	4	5	—
Pressmen and plate printers, printing	274	263	11	—	—	11	—	—
Stationary engineers and power station operators	287	259	28	—	—	28	—	—
Other craftsmen and kindred workers	3 286	3 005	88	14	15	59	193	—

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

CANTON SMSA—Continued

Total—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Operatives, except transport	19 613	19 090	232	60	37	135	280	11
Assemblers.....	1 114	1 105	9	—	—	9	—	—
Checkers, examiners, and inspectors; manufacturing.....	1 559	1 513	40	22	—	18	6	—
Garage workers and gas station attendants.....	605	530	18	11	7	—	57	—
Laundry and drycleaning operatives, n.e.c.....	111	83	—	—	—	—	22	6
Meat cutters and butchers.....	646	623	—	—	—	—	23	—
Mine operatives, n.e.c.....	97	97	—	—	—	—	—	—
Packers and wrappers, except produce.....	404	399	5	5	—	—	—	—
Painters, manufactured articles.....	338	335	3	—	3	—	—	—
Precision machine operatives.....	2 827	2 805	11	—	—	11	6	5
Sawyers.....	145	145	—	—	—	—	—	—
Stationary firemen.....	203	163	40	—	6	34	—	—
Textile operatives.....	11	11	—	—	—	—	—	—
Welders and flamecutters.....	1 668	1 610	15	6	4	5	43	—
Other metalworking operatives.....	2 346	2 324	17	—	4	13	5	—
Other specified operatives.....	2 140	2 029	39	8	8	23	72	—
Miscellaneous and not specified operatives.....	5 399	5 318	35	8	5	22	46	—
Occupation:								
Machine operatives, miscellaneous specified.....	2 646	2 628	8	8	—	—	10	—
Machine operatives, not specified.....	968	963	—	—	—	—	5	—
Miscellaneous operatives.....	1 227	1 178	27	—	5	22	22	—
Not specified operatives.....	558	549	—	—	—	—	9	—
Industry:								
Manufacturing.....	5 003	4 957	16	8	—	8	30	—
Durable goods.....	3 784	3 751	16	8	—	8	17	—
Wood products, including furniture.....	115	109	—	—	—	—	6	—
Primary metal industries.....	1 402	1 394	3	—	—	3	5	—
Fabricated metal industries.....	595	595	—	—	—	—	—	—
Machinery, including electrical.....	1 194	1 180	8	8	—	—	6	—
Motor vehicles and equipment.....	101	101	—	—	—	—	—	—
Transportation equipment, except motor vehicles.....	24	24	—	—	—	—	—	—
Other durable goods.....	353	348	5	—	—	5	—	—
Nondurable goods.....	1 190	1 177	—	—	—	—	13	—
Food and kindred products.....	275	267	—	—	—	—	8	—
Apparel and other fabricated textile products.....	—	—	—	—	—	—	—	—
Paper and allied products.....	200	200	—	—	—	—	—	—
Chemicals and allied products.....	83	83	—	—	—	—	—	—
Other nondurable goods.....	632	627	—	—	—	—	5	—
Not specified manufacturing industries.....	29	29	—	—	—	—	—	—
Nonmanufacturing industries.....	396	361	19	—	5	14	16	—
Transportation, communications, and other public utilities.....	45	45	—	—	—	—	—	—
Wholesale and retail trade.....	213	213	—	—	—	—	—	—
All other industries.....	138	103	19	—	5	14	16	—
Transport equipment operatives.....	5 455	4 946	208	18	33	157	285	16
Bus drivers.....	153	80	60	—	—	60	13	—
Taxicab drivers and chauffeurs.....	117	107	—	—	—	—	10	—
Truck drivers and deliverymen.....	3 811	3 478	115	14	21	80	208	10
Other transport equipment operatives.....	1 374	1 281	33	4	12	17	54	6
Laborers, except farm.....	6 928	6 406	408	92	59	257	109	5
Construction laborers.....	922	775	137	5	24	108	10	—
Freight, stock, and material handlers.....	2 827	2 718	89	40	4	45	15	5
Other specified laborers.....	1 019	881	97	26	14	57	41	—
Miscellaneous and not specified laborers.....	2 160	2 032	85	21	17	47	43	—
Occupation:								
Miscellaneous laborers.....	1 130	1 041	58	4	17	37	31	—
Not specified laborers.....	1 030	991	27	17	—	10	12	—
Industry:								
Manufacturing.....	1 691	1 658	26	15	11	—	7	—
Durable goods.....	1 511	1 478	26	15	11	—	7	—
Wood products, including furniture.....	5	5	—	—	—	—	—	—
Metal industries.....	1 022	1 007	15	4	11	—	—	—
Machinery, including electrical.....	332	319	6	6	—	—	7	—
Transportation equipment.....	16	16	—	—	—	—	—	—
Other durable goods.....	136	131	5	5	—	—	—	—
Nondurable goods.....	180	180	—	—	—	—	—	—
Food and kindred products.....	56	56	—	—	—	—	—	—
Not specified manufacturing industries.....	—	—	—	—	—	—	—	—
Nonmanufacturing industries.....	469	374	59	6	6	47	36	—
Railroads and railway express service.....	81	75	6	—	6	—	—	—
Transportation, except railroads.....	6	—	6	—	—	6	—	—
Communications, and utilities and sanitary services.....	52	22	30	—	—	30	—	—
Wholesale and retail trade.....	178	164	—	—	—	—	—	14
All other industries.....	152	113	17	6	—	11	22	—
Farmers and farm managers.....	747	64	5	—	—	5	678	—
Farm laborers and farm foremen.....	315	252	—	—	—	—	13	50
Paid farm laborers and farm foremen.....	265	252	—	—	—	—	13	—
Unpaid family workers.....	50	—	—	—	—	—	—	50
Service workers, except private household ¹	5 383	3 674	1 353	59	193	1 101	345	11
Cleaning service workers.....	2 075	1 654	392	42	79	271	23	6
Food service workers.....	1 034	935	11	—	6	—	83	5
Cooks, except private household.....	246	242	—	—	—	—	4	—
Busboys and dishwashers.....	264	259	5	—	—	5	—	—
Health service workers.....	105	39	66	—	30	36	—	—
Personal service workers.....	445	211	19	—	12	7	215	—
Protective service workers.....	1 379	565	808	10	41	757	6	—
Firemen, fire protection.....	250	11	239	—	—	239	—	—
Guards and watchmen.....	590	536	48	10	—	38	6	—
Policemen and detectives.....	376	14	362	—	41	321	—	—
Private household workers.....	16	16	—	—	—	—	—	—

¹Includes allocated cases not shown separately.

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

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

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

CANTON 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	49 180	40 274	6 762	393	1 284	5 085	1 690	454
Professional, technical, and kindred workers	7 374	3 619	3 365	66	386	2 913	378	12
Accountants	263	192	39	5	—	34	32	—
Computer specialists	71	67	4	—	—	—	—	—
Librarians	169	47	122	—	21	101	—	—
Mathematical specialists	5	5	—	—	—	—	—	—
Life and physical scientists	20	14	—	—	—	—	6	—
Registered nurses, dietitians, and therapists	1 750	1 485	203	13	43	147	62	—
Dietitians	59	45	14	—	—	14	—	—
Registered nurses	1 644	1 419	167	13	31	123	58	—
Health technologists and technicians	284	248	31	—	15	16	5	—
Social scientists	29	9	16	5	—	11	4	—
Social and recreation workers	201	78	123	15	21	87	—	—
Teachers: College and university	80	66	14	6	8	—	—	—
Elementary and kindergarten	2 363	497	1 848	19	118	1 711	18	—
Secondary	875	167	708	—	80	628	—	—
Other teachers	243	116	26	—	6	20	101	—
Engineering and science technicians	146	131	15	—	8	7	—	—
Technicians, except health, and engineering and science	16	13	3	3	—	—	—	—
Writers, artists, and entertainers	258	182	5	—	—	5	71	—
Actors and dancers	40	29	—	—	—	—	11	—
Authors, editors, and reporters	40	—	—	—	—	—	—	—
Other professional, technical, and kindred workers	601	302	208	—	62	146	79	12
Managers and administrators, except farm	1 428	1 017	154	10	38	106	216	41
Buyers, purchasing agents, and sales managers	209	188	11	4	—	7	5	—
Restaurant, cafeteria, and bar managers	204	92	35	—	5	30	77	—
School administrators	82	40	42	—	11	31	—	—
Other specified managers and administrators	299	218	51	6	16	29	19	11
Managers and administrators, n.e.c., salaried	494	479	15	—	6	9	—	—
Wholesale and retail trade	207	207	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	140	—	—	—	—	—	115	25
Wholesale and retail trade	83	—	—	—	—	—	74	9
Sales workers	4 538	4 180	19	3	8	8	281	58
Demonstrators, hucksters, and peddlers	370	310	—	—	—	—	60	—
Insurance, real estate agents, and brokers	232	198	—	—	—	—	29	5
Sales clerks, retail trade	3 166	3 001	16	—	8	8	110	39
Salesmen, retail trade	160	132	—	—	—	—	14	14
Other sales workers	610	539	3	3	—	—	68	—
Clerical and kindred workers	15 820	13 894	1 588	272	204	1 112	160	178
Bank tellers	500	486	14	9	—	5	—	—
Bookkeepers	1 931	1 707	69	—	—	69	63	92
Cashiers	1 245	1 206	34	—	4	30	—	5
Counter clerks, except food	231	231	—	—	—	—	—	—
Enumerators and interviewers	55	18	37	37	—	—	—	—
File clerks	340	304	36	4	—	32	—	—
Office machine operators	875	837	38	20	4	14	—	—
Bookkeeping and billing machine operators	60	60	—	—	—	—	—	—
Keypunch operators	524	507	19	14	—	5	—	—
Payroll and timekeeping clerks	263	259	4	—	4	—	—	—
Receptionists	472	419	50	—	4	46	—	3
Secretaries	4 485	3 860	538	19	50	469	44	43
Stenographers	166	137	25	—	11	14	4	—
Telephone operators	684	611	73	10	28	35	—	—
Typists	1 920	1 029	165	21	29	115	11	15
Other clerical and kindred workers	3 353	2 790	505	152	70	283	38	20
Craftsmen and kindred workers	833	776	26	6	—	20	13	18
Foremen, n.e.c.	165	165	—	—	—	—	—	—
Operatives, except transport	7 306	7 115	109	17	33	59	57	25
Assemblers	897	872	10	—	—	10	10	5
Bottling and canning operatives	10	10	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	1 341	1 326	15	6	3	6	—	—
Dressmakers and seamstresses, except factory	116	78	—	—	—	—	33	5
Laundry and drycleaning operatives, including ironers	456	430	26	—	6	20	—	—
Graders and sorters, manufacturing	34	34	—	—	—	—	—	—
Packers and wrappers, except produce	1 064	1 046	18	5	13	—	—	—
Sewers and stitchers	239	229	—	—	—	—	10	—
Textile operatives	5	5	—	—	—	5	—	—
Other specified operatives	1 461	1 443	8	—	5	3	4	6
Miscellaneous and not specified operatives	1 683	1 647	27	6	6	15	—	9
Manufacturing	1 555	1 531	15	—	6	9	—	—
Durable goods	819	804	15	—	6	4	—	—
Machinery, including electrical	332	322	10	—	6	9	—	—
Other durable goods	487	482	5	—	—	5	—	—
Nondurable goods, including not specified manufacturing	736	727	—	—	—	—	—	9
Food and kindred products	164	160	—	—	—	—	—	4
Apparel and other fabricated textile products	4	4	—	—	—	—	—	—
Nonmanufacturing industries	128	116	12	6	—	6	—	—
Transport equipment operatives	274	129	135	—	31	104	10	—
Laborers, except farm	505	449	15	5	4	6	24	17
Farmers and farm managers	63	4	—	—	—	—	59	—
Farm laborers and farm foremen	96	39	—	—	—	—	—	57
Paid farm laborers and farm foremen	39	39	—	—	—	—	—	—
Unpaid family workers	57	—	—	—	—	—	—	57
Service workers, except private household¹	9 723	7 842	1 351	14	580	757	488	42
Cleaning service workers	1 080	966	106	9	41	56	8	—
Chambermaids and maids	174	162	12	—	—	12	—	—
Food service workers	4 078	3 496	513	5	102	406	37	32
Cooks, except private household	1 304	968	318	5	51	262	9	9
Waiters and food counter workers	2 039	1 957	42	—	6	36	24	16
Health service workers	2 661	2 060	562	—	397	165	34	5
Nursing aides, orderlies, and attendants	1 498	1 031	457	—	346	111	10	—
Practical nurses	687	581	82	—	44	38	24	—
Personal service workers	1 275	806	83	—	22	61	381	5
Hairdressers and cosmetologists	912	568	6	—	6	—	333	5
Private household workers	1 220	1 210	—	—	—	—	4	6
Private household workers, living in	51	51	—	—	—	—	—	—
Private household workers, living out	1 169	1 159	—	—	—	—	4	6

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

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

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

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

CINCINNATI, OHIO-KY.-IND., SMSA

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Total	329 416	273 369	33 178	11 234	3 679	18 265	22 405	464
Male, 16 years old and over	329 416	273 369	33 178	11 234	3 679	18 265	22 405	464
Professional, technical, and kindred workers	48 497	33 991	9 825	2 386	1 475	5 964	4 655	26
Accountants	4 208	3 216	660	402	100	158	332	—
Architects	382	244	23	10	4	9	115	—
Computer specialists	1 328	1 209	110	59	—	51	9	—
Engineers	9 880	8 923	687	412	95	180	270	—
Aeronautical and astronomical	1 182	1 156	20	20	—	—	6	—
Civil	903	530	329	163	72	94	44	—
Electrical and electronic	1 380	1 307	59	40	5	14	14	—
Mechanical	1 612	1 509	67	49	—	18	36	—
Other engineers	4 803	4 421	212	140	18	54	170	—
Lawyers and judges	1 671	426	182	116	11	55	1 063	—
Life and physical scientists	1 552	1 109	438	342	16	80	5	—
Chemists	1 234	999	230	174	11	45	5	—
Physicians, dentists, and related practitioners	3 796	1 448	484	103	83	298	1 864	—
Dentists	528	88	20	5	—	15	420	—
Pharmacists	921	650	72	22	—	50	199	—
Physicians, medical and osteopathic	2 007	658	377	66	83	228	972	—
Other related practitioners	340	52	15	10	—	5	273	—
Health technologists and technicians	1 560	376	169	82	16	71	15	—
Religious workers	1 550	1 307	15	5	5	5	228	—
Social scientists	662	479	151	50	17	84	32	—
Social and recreation workers	587	182	399	51	94	254	6	—
Teachers	6 687	2 179	4 490	48	646	3 796	18	—
College and university	1 744	741	1 003	20	236	747	—	—
Elementary and prekindergarten	1 377	359	1 018	8	115	895	—	—
Secondary	3 217	834	2 383	7	250	2 126	—	—
Engineering and science technicians	5 911	5 402	490	154	78	258	19	—
Draftsmen and surveyors	2 614	2 340	255	30	49	176	19	—
Electrical and electronic engineering technicians	687	636	51	43	—	8	—	—
Technicians, except health, and engineering and science	617	394	212	117	16	79	11	—
Airplane pilots	107	107	—	—	—	—	—	—
Writers, artists, and entertainers	3 740	3 069	155	50	19	86	504	12
Other professional, technical, and kindred workers	5 366	4 028	1 160	385	275	500	164	14
Managers and administrators, except farm	33 861	26 712	2 855	999	382	1 474	4 239	55
Buyers, purchasing agents, and sales managers	5 231	4 985	75	42	14	19	171	—
School administrators	839	248	591	—	82	509	—	—
Specified managers and administrators, public administration	1 384	—	1 384	762	128	494	—	—
Other specified managers and administrators	6 036	4 954	296	109	44	143	760	26
Managers and administrators, n.e.c., salaried	17 034	16 525	509	86	114	309	—	—
Manufacturing	6 557	6 540	17	17	—	—	—	—
Wholesale and retail trade	4 292	4 262	30	—	19	11	—	—
Transportation, communications and other public utilities	1 625	1 531	94	12	4	78	—	—
All other industries	4 560	4 192	368	57	91	220	—	—
Managers and administrators, n.e.c., self-employed	3 337	—	—	—	—	—	3 308	29
Construction	688	—	—	—	—	—	688	—
Manufacturing	227	—	—	—	—	—	227	—
Wholesale and retail trade	1 568	—	—	—	—	—	1 568	—
All other industries	854	—	—	—	—	—	825	29
Sales workers	26 128	22 649	177	48	78	51	3 245	57
Insurance agents, brokers, and underwriters	3 230	2 714	10	10	—	—	506	—
Real estate agents and brokers	1 156	741	—	—	—	—	410	5
Sales representatives, manufacturing industries	3 926	3 749	5	—	—	5	172	—
Sales representatives, wholesale trade	5 323	4 794	20	4	16	—	509	—
Sales clerks, retail trade	5 957	4 979	57	—	57	—	905	16
Salesmen, retail trade	2 564	2 320	—	—	—	—	232	12
Salesmen of services and construction	1 336	1 215	24	—	5	19	88	9
Other sales workers	2 636	2 137	61	34	—	27	423	15
Clerical and kindred workers	28 163	21 424	6 295	4 894	305	1 096	413	31
Bank tellers and cashiers	1 099	988	98	9	33	56	9	4
Bookkeepers and billing clerks	2 371	1 992	229	55	34	140	137	13
Mail handlers and postal clerks	4 441	487	3 954	3 948	—	6	—	—
Other clerical and kindred workers	20 252	17 957	2 014	882	238	894	267	14
Craftsmen and kindred workers	68 541	60 593	3 058	885	321	1 852	4 827	63
Apparel craftsmen and upholsterers	683	613	8	—	—	8	57	5
Bakers	812	737	5	—	—	5	70	—
Cabinetmakers	292	244	—	—	—	—	48	—
Construction craftsmen	16 689	13 399	765	143	89	533	2 509	16
Carpenters	4 471	3 465	152	26	30	96	854	—
Excavating, grading, and road machine operators	1 139	869	161	29	14	118	103	6
Electricians	3 151	2 825	152	31	10	111	174	—
Masons and tile setters	1 094	938	5	—	—	5	151	—
Pointers, construction and maintenance, and paperhangers	2 141	1 412	110	25	4	81	609	10
Plasterers and cement finishers	746	559	37	5	—	32	150	—
Plumbers and pipe fitters	2 855	2 406	136	20	31	85	313	—
Other construction craftsmen	1 092	925	12	7	—	5	155	—
Foremen, n.e.c.	10 173	9 639	395	99	56	240	134	5
Manufacturing	6 744	6 687	32	14	11	7	25	—
Nonmanufacturing industries	3 429	2 952	363	85	45	233	109	5
Linemen and servicemen, telephone and power	2 390	2 322	49	11	—	38	19	—
Locomotive engineers and firemen	665	659	6	—	—	6	—	—
Mechanics and repairmen	15 871	13 850	873	365	37	471	1 136	12
Air conditioning, heating, and refrigeration	918	798	42	22	3	17	78	—
Aircraft	412	368	34	30	—	4	10	—
Automobile, including body	5 962	5 003	275	75	20	180	672	12
Radio and television	740	546	31	17	—	14	163	—
Other mechanics and repairmen	7 839	7 135	491	221	14	256	213	—
Metal craftsmen, except mechanics	8 002	7 772	159	111	8	40	66	5
Machinists and job and die setters	3 390	3 298	82	68	—	14	10	—
Sheetmetal workers and fimsmiths	1 149	1 136	7	—	—	7	6	—
Tool and die makers	1 541	1 510	5	—	—	5	21	5
Other metal craftsmen	1 922	1 828	65	43	8	14	29	—
Printing craftsmen	3 934	3 807	53	29	—	24	74	—
Compositors and typesetters	1 067	1 032	22	7	—	15	13	—
Pressmen and plate printers, printing	2 194	2 120	31	22	—	9	43	—
Stationary engineers and power station operators	1 217	946	266	34	9	223	5	—
Other craftsmen and kindred workers	7 813	6 605	479	93	122	264	709	20

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**

CINCINNATI, OHIO-KY.-IND., SMSA—Continued

Total—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Operatives, except transport	55 442	53 471	1 153	462	77	614	787	31
Assemblers.....	8 322	8 194	107	68	14	25	21	—
Checkers, examiners, and inspectors; manufacturing.....	3 515	3 443	67	36	4	27	5	—
Garage workers and gas station attendants.....	2 439	2 297	18	9	—	9	119	5
Laundry and drycleaning operatives, n.e.c.....	330	244	39	9	—	30	47	—
Meat cutters and butchers.....	1 932	1 749	—	—	—	—	171	12
Mine operatives, n.e.c.....	67	67	—	—	—	—	—	—
Packers and wrappers, except produce.....	1 953	1 895	47	16	6	25	11	—
Painters, manufactured articles.....	1 192	1 142	25	4	5	16	25	—
Precision machine operatives.....	5 721	5 615	77	41	4	32	29	—
Sawyers.....	361	345	—	—	—	—	16	—
Stationary firemen.....	726	559	167	7	6	154	—	—
Textile operatives.....	107	107	—	—	—	—	—	—
Welders and flamecutters.....	3 660	3 540	68	33	—	35	52	—
Other metalworking operatives.....	2 977	2 933	26	14	—	12	15	3
Other specified operatives.....	8 513	8 087	240	101	14	125	175	11
Miscellaneous and not specified operatives.....	13 627	13 254	272	124	24	124	101	—
Occupation:								
Machine operatives, miscellaneous specified.....	6 086	5 970	95	63	—	32	21	—
Machine operatives, not specified.....	2 764	2 721	29	24	—	5	14	—
Miscellaneous operatives.....	3 075	2 939	107	29	17	61	29	—
Not specified operatives.....	1 702	1 624	41	8	7	26	37	—
Industry:								
Manufacturing.....	11 906	11 719	146	78	7	61	41	—
Durable goods.....	6 010	5 894	79	41	7	31	37	—
Wood products, including furniture.....	518	506	4	—	—	4	8	—
Primary metal industries.....	605	588	12	5	7	—	5	—
Fabricated metal industries.....	970	963	3	—	—	3	4	—
Machinery, including electrical.....	1 912	1 894	12	—	—	12	6	—
Motor vehicles and equipment.....	785	776	9	5	—	4	—	—
Transportation equipment, except motor vehicles.....	384	357	27	27	—	—	—	—
Other durable goods.....	836	810	12	4	—	8	14	—
Nondurable goods.....	5 793	5 722	67	37	—	30	4	—
Food and kindred products.....	1 273	1 252	17	6	—	11	4	—
Apparel and other fabricated textile products.....	126	126	—	—	—	—	—	—
Paper and allied products.....	1 358	1 358	—	—	—	—	—	—
Chemicals and allied products.....	1 500	1 474	26	21	—	5	—	—
Other nondurable goods.....	1 536	1 512	24	10	—	14	—	—
Not specified manufacturing industries.....	103	103	—	—	—	—	—	—
Nonmanufacturing industries.....	1 721	1 535	126	46	17	63	60	—
Transportation, communications, and other public utilities.....	413	371	37	5	—	32	5	—
Wholesale and retail trade.....	736	689	8	8	—	—	39	—
All other industries.....	572	475	81	33	17	31	16	—
Transport equipment operatives	21 058	19 149	1 103	172	112	819	795	11
Bus drivers.....	1 054	870	152	—	21	131	32	—
Taxicab drivers and chauffeurs.....	808	715	30	—	—	30	63	—
Truck drivers and deliverymen.....	14 622	13 295	719	100	66	553	597	11
Other transport equipment operatives.....	4 574	4 269	202	72	25	105	103	—
Laborers, except farm	19 352	16 817	2 116	664	205	1 247	389	30
Construction laborers.....	3 152	2 658	486	21	79	386	8	—
Freight, stock, and material handlers.....	8 634	7 775	803	443	17	343	51	5
Other specified laborers.....	4 684	3 883	513	128	88	297	273	15
Miscellaneous and not specified laborers.....	2 882	2 501	314	72	21	221	57	10
Occupation:								
Miscellaneous laborers.....	860	692	117	4	6	107	51	—
Not specified laborers.....	2 022	1 809	197	68	15	114	6	10
Industry:								
Manufacturing.....	1 471	1 418	47	35	—	12	—	6
Durable goods.....	901	863	38	35	—	3	—	—
Wood products, including furniture.....	58	58	—	—	—	—	—	—
Metal industries.....	353	341	12	12	—	—	—	—
Machinery, including electrical.....	237	237	—	—	—	—	—	—
Transportation equipment.....	175	152	23	23	—	—	—	—
Other durable goods.....	78	75	3	—	—	3	—	—
Nondurable goods.....	561	546	9	—	—	9	—	6
Food and kindred products.....	215	211	4	—	—	4	—	—
Not specified manufacturing industries.....	9	9	—	—	—	—	—	—
Nonmanufacturing industries.....	1 411	1 083	267	37	21	209	57	4
Railroads and railway express service.....	191	177	14	8	6	—	—	—
Transportation, except railroads.....	62	62	—	—	—	—	—	—
Communications, and utilities and sanitary services.....	205	79	103	—	—	103	23	—
Wholesale and retail trade.....	473	451	11	—	—	11	11	—
All other industries.....	480	314	139	29	15	95	23	4
Farmers and farm managers	1 878	131	5	—	5	—	1 742	—
Farm laborers and farm foremen	1 024	857	23	4	11	8	16	128
Paid farm laborers and farm foremen.....	896	857	23	4	11	8	16	—
Unpaid family workers.....	128	—	—	—	—	—	—	128
Service workers, except private household!	25 101	17 210	6 568	720	708	5 140	1 291	32
Cleaning service workers.....	9 184	6 890	2 197	367	347	1 483	92	5
Food service workers.....	5 845	5 305	152	42	52	58	361	27
Cooks, except private household.....	1 925	1 738	45	25	12	8	119	23
Busboys and dishwashers.....	1 279	1 261	18	5	13	—	—	—
Health service workers.....	877	545	332	114	103	115	—	—
Personal service workers.....	2 333	1 486	95	7	4	84	752	—
Protective service workers.....	5 046	1 506	3 530	172	161	3 197	10	—
Firemen, fire protection.....	1 148	7	1 141	9	—	1 132	—	—
Guards and watchmen.....	1 800	1 422	373	76	65	232	5	—
Policemen and detectives.....	1 775	65	1 705	74	91	1 540	5	—
Private household workers	371	365	—	—	—	—	6	—

!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**

CINCINNATI, OHIO-KY.-IND., 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	193 897	156 712	30 474	7 619	3 827	19 028	5 212	1 499
Professional, technical, and kindred workers	29 637	15 583	13 097	1 754	1 522	9 821	876	81
Accountants	2 012	845	1 108	1 030	15	63	31	28
Computer specialists	324	297	27	12	—	15	—	—
Librarians	647	258	383	17	—	340	—	6
Mathematical specialists	92	77	15	53	—	—	—	—
Life and physical scientists	222	136	74	53	6	15	12	—
Registered nurses, dietitians, and therapists	5 597	4 315	1 148	204	134	810	119	15
Dietitians	217	164	53	6	19	28	—	—
Registered nurses	5 193	4 041	1 018	195	90	733	119	15
Health technologists and technicians	1 207	1 016	191	14	33	144	—	—
Social scientists	207	114	83	13	20	50	4	6
Social and recreation workers	972	395	577	46	170	361	—	—
Teachers: College and university	667	276	391	4	110	277	—	—
Elementary and kindergarten	8 464	2 816	5 602	64	598	4 940	40	6
Secondary	2 895	834	2 061	5	147	1 909	—	—
Other teachers	849	401	122	23	30	69	321	5
Engineering and science technicians	724	630	94	45	12	37	—	—
Technicians, except health, and engineering and science	63	38	25	13	4	8	—	—
Writers, artists, and entertainers	1 412	1 212	54	—	4	50	141	5
Actors and dancers	56	51	5	—	—	5	—	—
Authors, editors, and reporters	386	325	25	—	—	25	36	—
Other professional, technical, and kindred workers	3 283	1 923	1 142	196	213	733	208	10
Managers and administrators, except farm	5 734	4 230	687	183	78	426	680	137
Buyers, purchasing agents, and sales managers	966	894	15	10	—	5	42	15
Restaurant, cafeteria, and bar managers	725	428	86	—	6	80	181	30
School administrators	336	190	146	—	17	129	—	—
Other specified managers and administrators	1 292	912	304	146	27	131	61	15
Managers and administrators, n.e.c., salaried	1 942	1 806	136	27	28	81	—	—
Wholesale and retail trade	597	593	4	—	—	4	—	—
Managers and administrators, n.e.c., self-employed	473	—	—	—	—	—	396	77
Wholesale and retail trade	288	—	—	—	—	—	231	57
Sales workers	15 926	14 741	115	38	26	51	812	258
Demonstrators, hucksters, and peddlers	778	670	—	—	—	—	108	—
Insurance, real estate agents, and brokers	1 020	922	—	—	—	—	87	11
Sales clerks, retail trade	11 132	10 473	48	25	6	17	413	198
Salesmen, retail trade	342	278	—	—	—	—	54	10
Other sales workers	2 654	2 398	67	13	20	34	150	39
Clerical and kindred workers	72 674	60 495	10 990	4 992	1 083	4 915	585	604
Bank tellers	1 239	1 190	39	23	5	11	10	—
Bookkeepers	8 357	7 464	435	154	27	254	214	244
Cashiers	4 868	4 595	188	31	25	132	40	45
Counter clerks, except food	1 443	1 355	32	—	12	20	35	21
Enumerators and interviewers	232	153	74	—	—	4	5	—
File clerks	2 575	2 028	530	318	37	175	13	4
Office machine operators	4 143	2 951	1 176	1 010	36	130	11	5
Bookkeeping and billing machine operators	378	345	33	14	8	11	—	—
Keypunch operators	2 631	1 620	1 005	921	20	64	6	—
Payroll and timekeeping clerks	711	649	57	5	21	31	5	—
Receptionists	2 254	1 940	245	57	26	162	42	27
Secretaries	19 027	16 086	2 732	781	328	1 623	78	131
Stenographers	838	542	291	140	18	133	—	5
Telephone operators	2 429	2 240	183	48	21	114	—	6
Typists	7 632	6 045	1 539	532	216	791	33	15
Other clerical and kindred workers	16 926	13 257	3 469	1 823	311	1 335	99	101
Craftsmen and kindred workers	3 674	3 314	151	36	27	88	158	51
Foremen, n.e.c.	927	874	42	26	6	10	4	7
Operatives, except transport	23 239	22 292	650	271	95	284	238	59
Assemblers	3 468	3 358	102	49	5	48	8	—
Bottling and canning operatives	382	382	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	2 239	2 216	23	15	—	8	—	—
Dressmakers and seamstresses, except factory	620	487	15	9	—	6	118	—
Laundry and drycleaning operatives, including ironers	1 462	1 313	87	6	24	57	43	19
Graders and sorters, manufacturing	337	337	—	—	—	—	—	—
Packers and wrappers, except produce	3 398	3 318	63	35	5	23	12	5
Sewers and stitchers	2 141	2 076	44	8	15	21	21	—
Textile operatives	111	102	4	—	4	—	5	—
Other specified operatives	4 248	4 022	164	85	28	51	31	31
Miscellaneous and not specified operatives	4 833	4 681	148	64	14	70	—	4
Manufacturing	4 255	4 183	72	22	8	42	—	—
Durable goods	1 461	1 427	34	5	—	29	—	—
Machinery, including electrical	567	552	15	5	—	10	—	—
Other durable goods	894	875	19	—	—	19	—	—
Nondurable goods, including not specified manufacturing	2 794	2 756	38	17	8	13	—	—
Food and kindred products	248	243	5	—	—	5	—	—
Apparel and other fabricated textile products	253	253	—	—	—	—	—	—
Nonmanufacturing industries	578	498	76	42	6	28	—	4
Transport equipment operatives	805	502	290	—	63	227	5	8
Laborers, except farm	1 944	1 792	105	42	29	34	32	15
Farmers and farm managers	189	21	3	—	3	—	165	—
Farm laborers and farm foremen	271	196	6	—	6	—	9	60
Paid farm laborers and farm foremen	211	196	6	—	6	—	9	—
Unpaid family workers	60	—	—	—	—	—	—	60
Service workers, except private household¹	32 936	26 709	4 380	303	895	3 182	1 626	221
Cleaning service workers	4 191	3 622	491	55	76	360	61	17
Chambermaids and maids	1 076	958	109	17	23	69	4	5
Food service workers	13 897	11 612	1 878	84	337	1 457	268	139
Cooks, except private household	3 597	2 575	850	25	152	673	128	44
Waiters and food counter workers	7 425	7 009	248	22	37	189	86	82
Health service workers	7 473	6 218	1 158	124	355	679	65	32
Nursing aides, orderlies, and attendants	4 047	3 317	705	78	257	370	7	18
Practical nurses	2 005	1 607	330	29	61	240	58	10
Personal service workers	4 544	3 085	330	27	50	253	1 120	9
Hairdressers and cosmetologists	2 977	2 037	9	—	9	—	922	9
Private household workers	6 868	6 837	—	—	—	—	26	5
Private household workers, living in	445	445	—	—	—	—	—	—
Private household workers, living out	6 423	6 392	—	—	—	—	26	5

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

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

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

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

CINCINNATI, OHIO-KY.-IND., SMSA—Continued

Negro

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Male, 16 years old and over	27 911	21 226	5 820	2 449	578	2 793	846	19
Professional, technical, and kindred workers	1 779	1 024	665	133	86	446	90	—
Accountants	78	52	26	16	—	10	—	—
Architects	—	—	—	—	—	—	—	—
Computer specialists	31	16	15	9	—	6	—	—
Engineers	140	98	36	6	—	30	6	—
Aeronautical and astronautical	38	38	—	—	—	—	—	—
Civil	8	—	8	—	—	8	—	—
Electrical and electronic	26	26	—	—	—	—	—	—
Mechanical	28	22	6	—	—	6	—	—
Other engineers	40	12	22	6	—	16	6	—
Lawyers and judges	—	—	—	—	—	—	—	—
Life and physical scientists	89	71	18	18	—	—	—	—
Chemists	77	71	6	6	—	—	—	—
Physicians, dentists, and related practitioners	82	40	—	—	—	—	42	9
Dentists	9	—	—	—	—	—	—	5
Pharmacists	29	24	—	—	—	—	—	28
Physicians, medical and osteopathic	44	16	—	—	—	—	—	—
Other related practitioners	—	—	—	—	—	—	—	—
Health technologists and technicians	47	23	24	24	—	—	—	—
Religious workers	133	106	—	—	—	—	—	27
Social scientists	19	6	13	7	—	6	—	—
Social and recreation workers	143	33	110	9	34	67	—	—
Teachers	394	100	294	—	21	273	—	—
College and university	41	19	22	—	4	18	—	—
Elementary and prekindergarten	146	27	119	—	12	107	—	—
Secondary	186	46	140	—	5	135	—	—
Engineering and science technicians	254	234	20	6	—	14	—	—
Draftsmen and surveyors	88	74	14	—	—	14	—	—
Electrical and electronic engineering technicians	32	32	—	—	—	—	—	—
Technicians, except health, and engineering and science	20	16	4	4	—	—	—	—
Airplane pilots	—	6	—	—	—	—	—	—
Writers, artists, and entertainers	79	58	6	—	6	—	15	—
Other professional, technical, and kindred workers	270	171	99	34	25	40	—	—
Managers and administrators, except farm	722	380	192	74	33	85	150	—
Buyers, purchasing agents, and sales managers	48	48	—	—	—	—	—	—
School administrators	39	10	29	—	—	29	—	—
Specified managers and administrators, public administration	82	—	82	57	19	6	—	—
Other specified managers and administrators	189	106	46	17	4	25	37	—
Managers and administrators, n.e.c., salaried	251	216	35	—	10	25	—	—
Manufacturing	37	37	—	—	—	—	—	—
Wholesale and retail trade	91	81	10	—	10	—	—	—
Transportation, communications and other public utilities	9	9	—	—	—	—	—	—
All other industries	114	89	25	—	—	25	—	—
Managers and administrators, n.e.c., self-employed	113	—	—	—	—	—	113	—
Construction	38	—	—	—	—	—	38	—
Manufacturing	—	—	—	—	—	—	—	—
Wholesale and retail trade	43	—	—	—	—	—	43	—
All other industries	32	—	—	—	—	—	32	—
Sales workers	519	449	31	4	19	8	39	—
Insurance agents, brokers, and underwriters	84	84	—	—	—	—	—	—
Real estate agents and brokers	—	—	—	—	—	—	—	—
Sales representatives, manufacturing industries	39	39	—	—	—	—	—	—
Sales representatives, wholesale trade	22	16	—	—	—	—	6	—
Sales clerks, retail trade	197	175	19	—	19	—	3	—
Salesmen, retail trade	44	39	—	—	—	—	5	—
Salesmen of services and construction	26	26	—	—	—	—	—	—
Other sales workers	107	70	12	4	—	8	25	—
Clerical and kindred workers	2 875	1 584	1 278	1 117	43	118	5	8
Bank tellers and cashiers	69	69	—	—	—	—	—	—
Bookkeepers and billing clerks	92	51	33	7	11	15	—	8
Mail handlers and postal clerks	1 010	71	939	939	—	—	—	—
Other clerical and kindred workers	1 704	1 393	306	171	32	103	5	—
Craftsmen and kindred workers	3 617	2 999	412	139	32	241	203	3
Apparel craftsmen and upholsterers	61	53	8	—	—	8	—	—
Bakers	121	116	5	—	—	5	—	—
Cabinetmakers	11	6	—	—	—	—	5	—
Construction craftsmen	910	679	121	40	10	71	110	—
Carpenters	84	65	5	—	—	5	14	—
Excavating, grading, and road machine operators	89	60	29	29	—	—	—	—
Electricians	111	94	13	4	—	9	4	—
Masons and tile setters	82	65	—	—	—	—	17	—
Painters, construction and maintenance, and paperhangers	129	89	4	—	—	4	36	—
Plasterers and cement finishers	264	214	21	—	—	21	29	—
Plumbers and pipe fitters	117	65	42	—	10	32	10	—
Other construction craftsmen	34	27	7	7	—	—	—	—
Foremen, n.e.c.	401	333	68	18	6	44	—	—
Manufacturing	197	197	—	—	—	—	—	—
Nonmanufacturing industries	204	136	68	18	6	44	—	—
Linemen and servicemen, telephone and power	95	90	5	5	—	—	—	—
Locomotive engineers and firemen	18	12	6	—	—	6	—	—
Mechanics and repairmen	784	620	103	44	7	52	58	3
Air conditioning, heating, and refrigeration	51	48	3	—	3	—	—	—
Aircraft	35	32	3	3	—	—	—	—
Automobile, including body	393	324	27	15	—	12	39	3
Radio and television	27	10	11	6	—	5	6	—
Other mechanics and repairmen	278	206	59	20	4	35	13	—
Metal craftsmen, except mechanics	408	399	9	9	—	—	—	—
Machinists and job and die setters	165	161	4	4	—	—	—	—
Sheetmetal workers and tinsmiths	27	27	—	—	—	—	—	—
Tool and die makers	48	48	—	—	—	—	—	—
Other metal craftsmen	168	163	5	5	—	—	—	—
Printing craftsmen	136	117	13	13	—	—	6	—
Compositors and typesetters	31	24	7	7	—	—	—	—
Pressmen and plate printers, printing	105	93	6	6	—	—	6	—
Stationary engineers and power station operators	56	39	17	5	—	12	—	—
Other craftsmen and kindred workers	616	535	57	5	9	43	24	—

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

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

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

CINCINNATI, OHIO-KY.-IND., SMSA—Continued

Negro—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Operatives, except transport	6 320	5 975	320	154	19	147	25	
Assemblers.....	1 349	1 305	44	33	3	8	—	—
Checkers, examiners, and inspectors, manufacturing.....	287	282	5	5	—	—	—	—
Garage workers and gas station attendants.....	166	148	13	4	—	9	5	—
Laundry and drycleaning operatives, n.e.c.....	75	57	18	3	—	15	—	—
Meat cutters and butchers.....	208	208	—	—	—	—	—	—
Mine operatives, n.e.c.....	6	6	—	—	—	—	—	—
Packers and wrappers, except produce.....	240	224	16	11	—	5	—	—
Painters, manufactured articles.....	203	198	5	—	—	5	—	—
Precision machine operatives.....	304	295	9	5	4	—	—	—
Sawyers.....	22	22	—	—	—	—	—	—
Stationary firemen.....	104	30	74	7	—	67	—	—
Textile operatives.....	—	—	—	—	—	—	—	—
Welders and flamecutters.....	267	254	9	5	—	4	4	—
Other metalworking operatives.....	253	253	—	—	—	—	—	—
Other specified operatives.....	1 377	1 330	37	29	—	8	10	—
Miscellaneous and not specified operatives.....	1 459	1 363	90	52	12	26	6	—
Occupation:								
Machine operatives, miscellaneous specified.....	665	630	35	27	—	8	—	—
Machine operatives, not specified.....	380	365	9	9	—	—	6	—
Miscellaneous operatives.....	286	259	27	11	5	11	—	—
Not specified operatives.....	128	109	19	5	7	7	—	—
Industry:								
Manufacturing	1 281	1 223	52	25	7	20	6	—
Durable goods.....	775	732	37	19	7	11	6	—
Wood products, including furniture.....	63	63	—	—	—	—	—	—
Primary metal industries.....	60	53	7	—	7	—	—	—
Fabricated metal industries.....	86	86	—	—	—	—	—	—
Machinery, including electrical.....	259	252	7	—	—	7	—	—
Motor vehicles and equipment.....	142	137	5	5	—	—	—	—
Transportation equipment, except motor vehicles.....	61	47	14	14	—	—	—	—
Other durable goods.....	104	94	4	—	—	4	6	—
Nondurable goods.....	495	480	15	6	—	9	—	—
Food and kindred products.....	160	150	10	6	—	4	—	—
Apparel and other fabricated textile products.....	11	11	—	—	—	—	—	—
Paper and allied products.....	54	54	—	—	—	—	—	—
Chemicals and allied products.....	178	173	5	—	—	5	—	—
Other nondurable goods.....	92	92	—	—	—	—	—	—
Not specified manufacturing industries.....	11	11	—	—	—	—	—	—
Nonmanufacturing industries.....	178	140	38	27	5	6	—	—
Transportation, communications, and other public utilities.....	38	32	6	—	—	6	—	—
Wholesale and retail trade.....	89	81	8	8	—	—	—	—
All other industries.....	51	27	24	19	5	—	—	—
Transport equipment operatives	2 068	1 551	387	75	19	293	126	4
Bus drivers.....	47	36	5	—	—	5	6	—
Toxicab drivers and chauffeurs.....	139	93	14	—	—	14	32	—
Truck drivers and deliverymen.....	1 391	989	328	49	15	264	70	4
Other transport equipment operatives.....	491	433	40	26	4	10	18	—
Laborers, except farm	4 456	3 309	1 082	384	79	619	61	4
Construction laborers.....	1 121	874	247	12	44	191	—	—
Freight, stock, and material handlers.....	1 244	772	472	266	4	202	—	—
Other specified laborers.....	1 300	1 041	198	62	25	111	61	—
Miscellaneous and not specified laborers.....	791	622	165	44	6	115	—	4
Occupation:								
Miscellaneous laborers.....	233	160	73	4	6	63	—	—
Not specified laborers.....	558	462	92	40	—	52	—	4
Industry:								
Manufacturing	316	294	22	19	—	3	—	—
Durable goods.....	250	228	22	19	—	3	—	—
Wood products, including furniture.....	5	5	—	—	—	—	—	—
Metal industries.....	101	96	5	5	—	—	—	—
Machinery, including electrical.....	59	59	—	—	—	—	—	—
Transportation equipment.....	68	54	14	14	—	—	—	—
Other durable goods.....	17	14	3	—	—	3	—	—
Nondurable goods.....	66	66	—	—	—	—	—	—
Food and kindred products.....	31	31	—	—	—	—	—	—
Not specified manufacturing industries.....	—	—	—	—	—	—	—	—
Nonmanufacturing industries.....	475	328	143	25	6	112	—	4
Railroads and railway express service.....	129	115	14	8	6	—	—	—
Transportation, except railroads.....	21	21	—	—	—	—	—	—
Communications, and utilities and sanitary services.....	72	10	62	—	—	62	—	—
Wholesale and retail trade.....	106	106	—	—	—	—	—	—
All other industries.....	147	76	67	17	—	50	—	4
Farmers and farm managers	19	4	—	—	—	—	15	—
Farm laborers and farm foremen	95	95	—	—	—	—	—	—
Paid farm laborers and farm foremen.....	95	95	—	—	—	—	—	—
Unpaid family workers.....	—	—	—	—	—	—	—	—
Service workers, except private household¹	5 143	3 558	1 453	369	248	836	132	—
Cleaning service workers.....	2 706	1 750	939	236	155	548	17	—
Food service workers.....	1 003	911	82	26	26	30	10	—
Cooks, except private household.....	407	375	26	5	8	3	6	—
Busboys and dishwashers.....	241	233	8	—	—	—	—	—
Health service workers.....	333	148	185	82	37	66	—	—
Personal service workers.....	324	202	28	—	—	28	94	—
Protective service workers.....	254	125	129	12	5	112	—	—
Firemen, fire protection.....	4	4	—	—	—	—	—	—
Guards and watchmen.....	163	121	42	12	—	30	—	—
Policemen and detectives.....	54	—	54	—	5	49	—	—
Private household workers	298	298	—	—	—	—	—	—

¹Includes allocated cases not shown separately.

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

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

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

CINCINNATI, OHIO-KY.-IND., SMSA—Continued

Negro—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Female, 16 years old and over	24 213	18 162	5 568	1 642	730	3 196	463	20
Professional, technical, and kindred workers	2 430	866	1 495	310	152	1 033	69	—
Accountants	216	45	171	—	—	—	—	—
Computer specialists	13	13	—	—	—	—	—	—
Librarians	28	5	23	—	5	18	—	—
Mathematical specialists	6	—	6	—	—	—	—	—
Life and physical scientists	8	8	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	438	254	174	21	39	114	10	—
Dietitians	58	10	48	—	—	10	—	—
Registered nurses	357	197	150	18	34	98	10	—
Health technologists and technicians	166	138	28	6	4	18	—	—
Social scientists	—	—	—	—	—	—	—	—
Social and recreation workers	151	17	134	22	27	85	—	—
Teachers: College and university	31	7	24	—	12	12	—	—
Elementary and prekindergarten	738	155	583	20	27	536	—	—
Secondary	156	21	135	—	12	123	—	—
Other teachers	43	23	20	5	—	15	—	—
Engineering and science technicians	47	42	5	5	—	—	—	—
Technicians, except health, and engineering and science	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	26	20	6	—	—	6	—	—
Actors and dancers	6	—	—	—	—	—	—	—
Authors, editors, and reporters	—	—	—	—	—	—	—	—
Other professional, technical, and kindred workers	363	118	186	54	26	106	59	—
Managers and administrators, except farm	247	91	94	45	4	45	52	10
Buyers, purchasing agents, and sales managers	30	19	4	4	—	—	7	—
Restaurant, cafeteria, and bar managers	48	20	10	—	—	10	18	—
School administrators	15	—	15	—	—	15	—	—
Other specified managers and administrators	87	23	48	35	4	9	16	—
Managers and administrators, n.e.c., salaried	46	29	17	6	—	11	—	—
Wholesale and retail trade	9	9	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	21	—	—	—	—	—	11	10
Wholesale and retail trade	17	—	—	—	—	—	11	6
Sales workers	610	592	3	—	—	3	15	—
Demonstrators, hucksters, and peddlers	22	17	—	—	—	—	5	—
Insurance, real estate agents, and brokers	22	22	—	—	—	—	—	—
Sales clerks, retail trade	397	394	3	—	—	3	—	—
Salesmen, retail trade	11	5	—	—	—	—	6	—
Other sales workers	158	154	—	—	—	—	4	—
Clerical and kindred workers	5 216	3 163	2 028	1 037	167	824	25	—
Bank tellers	42	42	—	—	—	—	—	—
Bookkeepers	171	120	51	28	13	10	—	—
Cashiers	360	333	21	6	—	15	6	—
Counter clerks, except food	82	68	9	—	4	5	5	—
Enumerators and interviewers	10	—	10	—	—	—	—	—
File clerks	298	144	154	84	8	62	—	—
Office machine operators	508	282	220	190	8	22	6	—
Bookkeeping and billing machine operators	16	8	8	—	8	—	—	—
Keypunch operators	441	252	183	173	—	10	6	—
Payroll and timekeeping clerks	8	8	—	—	—	—	—	—
Receptionists	143	98	45	12	—	33	—	—
Secretaries	717	446	266	65	26	175	5	—
Stenographers	39	39	—	—	—	—	—	—
Telephone operators	294	246	48	20	—	28	—	—
Typists	646	354	292	130	40	122	—	—
Other clerical and kindred workers	1 898	983	912	492	68	352	3	—
Craftsmen and kindred workers	343	311	27	5	10	12	5	—
Foremen, n.e.c.	37	27	10	5	—	5	—	—
Operatives, except transport	2 777	2 582	184	46	25	113	4	7
Assemblers	364	341	23	5	—	18	—	—
Bottling and canning operatives	30	30	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	188	188	—	—	—	—	—	—
Dressmakers and seamstresses, except factory	72	67	5	5	—	—	—	—
Laundry and drycleaning operatives, including ironers	582	530	45	6	5	34	7	—
Graders and sorters, manufacturing	27	27	—	—	—	—	—	—
Packers and wrappers, except produce	434	422	12	6	—	6	—	—
Sewers and stitchers	214	189	25	—	—	17	—	—
Textile operatives	5	5	—	—	—	—	—	—
Other specified operatives	476	437	35	13	6	16	4	—
Miscellaneous and not specified operatives	385	346	39	11	6	22	—	—
Manufacturing	292	281	11	6	—	5	—	—
Durable goods	121	121	—	—	—	—	—	—
Machinery, including electrical	37	37	—	—	—	—	—	—
Other durable goods	84	84	—	—	—	—	—	—
Nondurable goods, including not specified manufacturing	171	160	11	6	—	5	—	—
Food and kindred products	10	5	—	—	—	—	—	—
Apparel and other fabricated textile products	19	19	—	—	—	—	—	—
Nonmanufacturing industries	93	65	28	5	6	17	—	—
Transport equipment operatives	78	66	9	—	—	9	—	3
Laborers, except farm	322	282	35	21	—	14	5	—
Farmers and farm managers	27	10	—	—	—	—	17	—
Farm laborers and farm foremen	56	50	6	—	6	—	—	—
Paid farm laborers and farm foremen	56	50	6	—	6	—	—	—
Unpaid family workers	—	—	—	—	—	—	—	—
Service workers, except private household¹	8 025	6 072	1 687	178	366	1 143	266	—
Cleaning service workers	1 721	1 394	293	32	50	211	34	—
Chambermaids and maids	565	468	93	13	23	57	4	—
Food service workers	2 054	1 638	395	40	117	238	21	—
Cooks, except private household	767	622	132	6	39	87	13	—
Waiters and food counter workers	2 776	1 998	756	95	180	481	22	—
Health service workers	1 826	1 312	514	71	159	284	—	—
Nursing aides, orderlies, and attendants	752	531	199	18	9	172	22	—
Practical nurses	620	359	112	5	4	103	149	—
Personal service workers	309	166	4	—	4	—	139	—
Hairdressers and cosmetologists	—	—	—	—	—	—	—	—
Private household workers	4 082	4 077	—	—	—	—	5	—
Private household workers, living in	104	104	—	—	—	—	—	—
Private household workers, living out	3 978	3 973	—	—	—	—	5	—

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

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

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

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

CLEVELAND SMSA

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Total								
Male, 16 years old and over	518 864	433 853	55 218	16 325	4 865	34 028	29 346	447
Professional, technical, and kindred workers	76 618	54 446	14 446	3 684	1 798	8 964	7 700	26
Accountants	7 161	5 801	753	436	133	184	607	—
Architects	700	465	32	—	5	27	203	—
Computer specialists	2 361	2 179	174	—	5	65	5	3
Engineers	16 241	14 219	1 608	1 193	106	309	414	—
Aeronautical and astronautical	493	278	211	—	—	—	4	—
Civil	1 476	1 113	309	54	64	191	54	—
Electrical and electronic	2 927	2 627	279	247	7	32	21	—
Mechanical	2 775	2 531	203	180	—	16	41	—
Other engineers	8 570	7 670	606	501	35	70	294	—
Lawyers and judges	3 556	1 039	500	215	24	261	2 017	—
Life and physical scientists	2 262	1 940	299	180	17	102	23	—
Chemists	1 786	1 648	118	48	11	59	—	—
Physicians, dentists, and related practitioners	5 801	2 257	494	149	88	257	3 050	—
Dentists	1 018	87	22	16	—	6	909	—
Pharmacists	746	588	15	10	—	5	143	—
Physicians, medical and osteopathic	3 556	1 488	452	123	83	246	1 616	—
Other related practitioners	481	94	5	—	5	—	382	—
Health technologists and technicians	829	621	191	52	12	127	17	—
Religious workers	1 383	1 217	18	—	18	—	148	—
Social scientists	1 045	846	137	43	—	94	62	—
Social and recreation workers	1 055	379	676	51	121	504	—	—
Teachers	9 925	3 314	6 461	51	778	5 632	150	—
College and university	1 953	1 330	623	6	449	168	—	—
Elementary and prekindergarten	1 751	366	1 380	16	82	1 282	5	—
Secondary	5 633	1 263	4 370	11	239	4 120	—	—
Engineering and science technicians	9 081	8 389	617	422	52	143	75	—
Draftsmen and surveyors	4 463	4 275	135	72	10	53	53	—
Electrical and electronic engineering technicians	1 453	1 198	238	208	11	19	17	—
Technicians, except health, and engineering and science	812	459	319	193	16	110	34	—
Airplane pilots	197	171	5	5	—	—	21	—
Writers, artists, and entertainers	5 590	4 696	320	105	21	194	566	8
Other professional, technical, and kindred workers	8 816	6 625	1 847	490	402	955	329	15
Managers and administrators, except farm	55 745	45 768	4 498	1 290	596	2 612	5 436	43
Buyers, purchasing agents, and sales managers	9 446	8 988	186	65	46	75	272	—
School administrators	1 147	296	846	4	129	713	5	—
Specified managers and administrators, public administration	2 246	—	2 246	936	171	1 139	—	—
Other specified managers and administrators	9 706	8 323	479	193	61	225	889	15
Managers and administrators, n.e.c., salaried	28 902	28 161	741	92	189	460	—	—
Manufacturing	10 579	10 565	14	10	—	4	—	—
Wholesale and retail trade	7 788	7 728	60	8	47	5	—	—
Transportation, communications and other public utilities	2 323	2 172	151	5	5	141	—	—
All other industries	8 212	7 696	516	69	137	310	—	—
Managers and administrators, n.e.c., self-employed	4 298	—	—	—	—	—	4 270	28
Construction	685	—	—	—	—	—	680	5
Manufacturing	359	—	—	—	—	—	359	—
Wholesale and retail trade	2 165	—	—	—	—	—	2 155	10
All other industries	1 089	—	—	—	—	—	1 076	13
Sales workers	37 484	33 092	327	69	159	99	4 005	60
Insurance agents, brokers, and underwriters	3 851	3 233	25	10	10	5	593	—
Real estate agents and brokers	1 717	1 246	13	8	—	5	458	—
Sales representatives, manufacturing industries	6 258	6 078	5	—	—	5	175	—
Sales representatives, wholesale trade	8 032	7 147	39	9	17	13	836	10
Sales clerks, retail trade	7 832	6 815	117	5	95	17	865	35
Salesmen, retail trade	3 618	3 206	—	—	—	—	407	5
Salesmen of services and construction	1 987	1 791	41	5	27	9	151	4
Other sales workers	4 189	3 576	87	32	10	45	520	6
Clerical and kindred workers	43 360	33 406	9 513	7 219	533	1 761	432	9
Bank tellers and cashiers	1 235	1 117	104	8	47	49	14	—
Bookkeepers and billing clerks	3 222	2 911	216	50	49	117	95	—
Mail handlers and postal clerks	6 267	738	5 524	5 477	15	32	5	—
Other clerical and kindred workers	32 636	28 640	3 669	1 684	422	1 563	318	9
Craftsmen and kindred workers	115 865	104 013	5 794	1 461	468	3 865	5 975	83
Apparel craftsmen and upholsterers	1 008	796	—	—	—	—	212	—
Bakers	1 065	924	22	—	10	12	114	5
Cabinetmakers	435	362	10	—	—	10	63	—
Construction craftsmen	25 029	21 061	1 433	277	78	1 078	2 506	29
Carpenters	5 653	4 525	210	32	12	166	894	24
Excavating, grading, and road machine operators	1 453	1 197	169	6	14	149	82	5
Electricians	5 900	5 346	367	136	27	204	187	—
Masons and tile setters	2 181	1 954	83	29	—	54	144	—
Painters, construction and maintenance, and paperhangers	2 963	1 968	289	22	14	253	706	—
Plasterers and cement finishers	838	670	75	6	—	69	93	—
Plumbers and pipe fitters	4 543	4 066	219	46	11	162	258	—
Other construction craftsmen	1 498	1 335	21	—	—	21	142	—
Foremen, n.e.c.	18 048	17 215	704	178	64	462	120	9
Manufacturing	13 012	12 918	49	22	5	22	40	5
Nonmanufacturing industries	5 036	4 297	655	156	59	440	80	4
Linemen and servicemen, telephone and power	4 376	4 206	158	29	12	117	12	—
Locomotive engineers and firemen	670	649	21	11	5	5	—	—
Mechanics and repairmen	23 254	20 209	1 651	535	60	1 056	1 377	17
Air conditioning, heating, and refrigeration	1 023	796	59	20	—	39	163	5
Aircraft	655	515	140	125	—	15	—	—
Automobile, including body	8 280	6 894	638	115	26	497	748	—
Radio and television	1 047	803	68	43	—	25	176	—
Other mechanics and repairmen	12 249	11 201	746	232	34	480	290	12
Metal craftsmen, except mechanics	21 710	21 176	301	143	10	148	233	—
Machinists and job and die setters	8 780	8 661	79	30	5	44	40	—
Sheetmetal workers and tinmiths	1 429	1 337	36	10	—	26	56	—
Tool and die makers	5 945	5 796	57	23	—	34	—	—
Other metal craftsmen	5 556	5 382	129	80	5	44	45	—
Printing craftsmen	4 160	3 967	70	6	3	61	123	—
Compositors and typesetters	1 379	1 285	24	—	—	24	70	—
Pressmen and plate printers, printing	2 112	2 017	42	6	3	33	53	—
Stationary engineers and power station operators	1 827	1 253	569	32	40	497	5	—
Other craftsmen and kindred workers	14 283	12 195	855	250	186	419	1 210	23

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

CLEVELAND SMSA—Continued

Total—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Operatives, except transport	91 147	87 617	2 174	695	279	1 200	1 270	86
Assemblers.....	8 408	8 210	162	63	5	94	36	—
Checkers, examiners, and inspectors; manufacturing.....	7 039	6 912	107	20	33	54	20	—
Garage workers and gas station attendants.....	3 787	3 429	45	13	4	28	276	37
Laundry and drycleaning operatives, n.e.c.....	499	416	18	—	5	13	65	—
Meat cutters and butchers.....	1 939	1 764	5	—	—	5	164	6
Mine operatives, n.e.c.....	152	141	6	—	—	6	5	—
Packers and wrappers, except produce.....	2 256	2 212	44	18	9	17	—	—
Painters, manufactured articles.....	1 347	1 314	14	4	—	10	14	5
Precision machine operatives.....	12 359	12 136	135	79	18	38	88	—
Sawyers.....	531	501	5	—	—	5	25	—
Stationary firemen.....	1 217	869	344	56	18	270	4	—
Textile operatives.....	308	308	—	—	—	—	—	—
Welders and flamecutters.....	6 539	6 344	153	88	16	49	42	—
Other metalworking operatives.....	7 926	7 782	98	18	16	64	40	6
Other specified operatives.....	13 440	12 773	382	122	57	203	275	10
Miscellaneous and not specified operatives.....	23 400	22 506	656	214	98	344	216	22
Occupation:								
Machine operatives, miscellaneous specified.....	8 712	8 478	147	52	24	71	75	12
Machine operatives, not specified.....	7 134	6 829	257	76	55	126	44	4
Miscellaneous operatives.....	4 777	4 509	190	58	9	123	78	—
Not specified operatives.....	2 777	2 690	62	28	10	24	19	6
Industry:								
Manufacturing	21 191	20 731	323	107	65	151	115	22
Durable goods.....	16 694	16 327	270	107	55	108	87	10
Wood products, including furniture.....	268	256	—	—	—	—	6	6
Primary metal industries.....	3 863	3 762	86	36	30	20	15	—
Fabricated metal industries.....	2 834	2 761	64	4	13	47	9	—
Machinery, including electrical.....	4 299	4 258	9	6	3	—	32	—
Motor vehicles and equipment.....	3 511	3 458	45	24	—	21	4	4
Transportation equipment, except motor vehicles.....	556	536	14	14	—	—	6	—
Other durable goods.....	1 363	1 296	52	23	9	20	15	—
Nondurable goods.....	4 293	4 204	49	—	10	39	28	12
Food and kindred products.....	522	500	5	—	—	5	11	6
Apparel and other fabricated textile products.....	89	89	—	—	—	—	—	—
Paper and allied products.....	563	553	10	—	—	10	—	—
Chemicals and allied products.....	1 457	1 432	25	—	10	15	—	—
Other nondurable goods.....	1 662	1 630	9	—	—	9	17	6
Not specified manufacturing industries.....	204	200	4	—	—	4	—	—
Nonmanufacturing industries	2 209	1 775	333	107	33	193	101	—
Transportation, communications, and other public utilities.....	570	447	123	4	—	119	—	—
Wholesale and retail trade.....	835	750	32	10	5	17	53	—
All other industries.....	804	578	178	93	28	57	48	—
Transport equipment operatives	27 798	23 619	3 252	332	197	2 723	917	10
Bus drivers.....	1 940	556	1 375	—	53	1 322	9	—
Taxicab drivers and chauffeurs.....	896	808	77	7	9	61	11	—
Truck drivers and deliverymen.....	17 981	15 827	1 395	245	85	1 065	749	10
Other transport equipment operatives.....	6 981	6 428	405	80	50	275	148	—
Laborers, except farm	30 936	26 736	3 697	653	225	2 819	489	14
Construction laborers.....	3 534	3 020	503	—	64	439	6	5
Freight, stock, and material handlers.....	14 032	12 493	1 471	462	69	940	63	—
Other specified laborers.....	7 830	6 507	999	144	61	794	324	5
Miscellaneous and not specified laborers.....	5 540	4 716	724	47	31	646	96	4
Occupation:								
Miscellaneous laborers.....	1 799	1 479	263	10	5	248	57	—
Not specified laborers.....	3 741	3 237	461	37	26	398	39	4
Industry:								
Manufacturing	3 269	3 185	68	21	6	41	16	—
Durable goods.....	2 703	2 643	57	21	6	30	3	—
Wood products, including furniture.....	59	59	—	—	—	—	—	—
Metal industries.....	1 566	1 533	30	—	6	24	3	—
Machinery, including electrical.....	321	305	16	10	—	6	—	—
Transportation equipment.....	516	516	—	—	—	—	—	—
Other durable goods.....	241	230	11	11	—	—	—	—
Nondurable goods.....	514	497	11	—	—	11	6	—
Food and kindred products.....	81	81	—	—	—	—	—	—
Not specified manufacturing industries.....	52	45	—	—	—	—	7	—
Nonmanufacturing industries	2 271	1 531	656	26	25	605	80	4
Railroads and railway express service.....	262	257	5	5	—	—	—	—
Transportation, except railroads.....	137	117	20	—	—	20	—	—
Communications, and utilities and sanitary services.....	346	33	313	—	18	295	—	—
Wholesale and retail trade.....	661	612	14	5	—	9	31	4
All other industries.....	865	512	304	16	7	281	49	—
Farmers and farm managers	1 468	214	6	—	—	6	1 248	—
Farm laborers and farm foremen	1 529	1 283	117	8	24	85	39	90
Paid farm laborers and farm foremen.....	1 439	1 283	117	8	24	85	39	—
Unpaid family workers.....	90	—	—	—	—	—	—	90
Service workers, except private household¹	36 628	23 385	11 394	914	586	9 894	1 830	19
Cleaning service workers.....	12 270	9 114	2 884	343	292	2 249	262	10
Food service workers.....	6 914	6 282	241	62	46	133	386	5
Cooks, except private household.....	2 199	2 027	77	25	22	30	90	5
Busboys and dishwashers.....	1 753	1 674	79	15	12	52	—	—
Health service workers.....	975	677	291	115	42	134	7	—
Personal service workers.....	3 496	2 229	238	50	42	146	1 029	—
Protective service workers.....	10 095	2 833	7 250	299	120	6 831	12	—
Firemen, fire protection.....	2 114	27	2 087	9	—	2 078	—	—
Guards and watchmen.....	3 223	2 631	580	109	54	417	12	—
Policemen and detectives.....	4 067	139	3 928	154	66	3 708	—	—
Private household workers	286	274	—	—	—	—	5	7

¹Includes allocated cases not shown separately.

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

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

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

CLEVELAND 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	309 721	252 923	47 656	8 052	4 991	34 613	7 418	1 724
Professional, technical, and kindred workers	45 856	24 257	19 948	1 352	1 792	16 804	1 554	97
Accountants.....	1 897	1 533	276	167	30	79	77	11
Computer specialists.....	674	592	82	58	5	19	—	—
Librarians.....	1 220	342	878	19	24	835	—	—
Mathematical specialists.....	96	82	14	—	—	—	—	—
Life and physical scientists.....	369	315	54	16	10	28	—	—
Registered nurses, dietitians, and therapists	8 974	6 735	1 961	395	244	1 322	263	15
Dietitians.....	423	297	116	22	23	71	10	—
Registered nurses.....	8 015	6 211	1 561	357	138	1 066	228	15
Health technologists and technicians.....	2 260	1 897	353	66	14	273	5	5
Social scientists.....	237	—	75	—	19	56	22	—
Social and recreation workers.....	1 690	646	1 038	54	154	830	—	6
Teachers: College and university.....	987	690	297	4	155	138	—	—
Elementary and prekindergarten.....	12 132	3 233	8 870	140	487	8 243	25	4
Secondary.....	4 877	1 236	3 641	10	233	3 398	—	—
Other teachers.....	977	407	221	31	10	180	344	5
Engineering and science technicians.....	1 114	1 015	78	28	17	33	16	5
Technicians, except health, and engineering and science.....	144	75	69	10	16	43	—	—
Writers, artists, and entertainers.....	2 461	1 938	179	44	30	105	325	19
Actors and dancers.....	103	92	11	—	5	6	—	—
Authors, editors, and reporters.....	583	497	30	11	9	10	52	4
Other professional, technical, and kindred workers.....	5 747	3 381	1 862	296	344	1 222	477	27
Managers and administrators, except farm	9 214	7 048	1 187	168	117	902	866	113
Buyers, purchasing agents, and sales managers.....	1 709	1 626	39	22	4	13	34	10
Restaurant, cafeteria, and bar managers.....	853	569	96	—	5	91	173	15
School administrators.....	664	264	395	12	36	347	5	—
Other specified managers and administrators.....	1 905	1 272	509	124	56	329	106	18
Managers and administrators, n.e.c., salaried.....	3 465	3 317	148	10	16	122	—	—
Wholesale and retail trade.....	1 086	1 081	5	5	—	—	—	—
Managers and administrators, n.e.c., self-employed.....	618	—	—	—	—	—	548	70
Wholesale and retail trade.....	358	—	—	—	—	—	325	33
Sales workers	26 290	24 484	266	28	77	161	1 265	275
Demonstrators, hucksters, and peddlers.....	1 027	822	—	—	—	—	200	5
Insurance, real estate agents, and brokers.....	1 778	1 644	15	—	—	15	119	—
Sales clerks, retail trade.....	18 798	17 826	114	23	33	58	649	209
Salesmen, retail trade.....	499	411	—	—	—	—	64	24
Other sales workers.....	4 188	3 781	137	5	44	88	233	37
Clerical and kindred workers	120 495	102 265	16 755	5 574	1 738	9 443	739	736
Bank tellers.....	2 349	2 248	101	66	6	29	—	—
Bookkeepers.....	13 171	11 949	762	241	69	452	246	214
Cashiers.....	7 645	7 120	395	51	64	280	58	72
Counter clerks, except food.....	1 868	1 756	107	—	8	99	5	—
Enumerators and interviewers.....	278	175	77	44	11	22	26	—
File clerks.....	3 712	3 231	475	152	53	270	—	6
Office machine operators.....	6 140	5 614	497	224	35	238	20	9
Bookkeeping and billing machine operators.....	850	798	48	28	3	17	—	4
Keypunch operators.....	3 278	2 966	297	120	21	156	10	5
Payroll and timekeeping clerks.....	1 741	1 501	240	113	12	115	—	—
Receptionists.....	3 313	2 944	314	58	59	197	16	39
Secretaries.....	32 205	28 046	3 747	817	461	2 469	151	261
Stenographers.....	1 094	873	217	75	27	115	4	—
Telephone operators.....	4 695	4 255	435	52	82	301	5	—
Typists.....	11 842	9 250	2 480	771	363	1 346	82	30
Other clerical and kindred workers.....	30 442	23 303	6 908	2 910	488	3 510	126	105
Craftsman and kindred workers	5 370	4 815	266	65	61	140	243	46
Foremen, n.e.c.....	1 283	1 207	71	29	19	23	5	—
Operatives, except transport	39 500	38 179	684	118	104	462	527	110
Assemblers.....	5 309	5 262	37	11	4	22	5	5
Bottling and canning operatives.....	57	57	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing.....	3 625	3 567	44	10	12	22	14	—
Dressmakers and seamstresses, except factory.....	971	699	15	—	5	10	247	10
Laundry and drycleaning operatives, including ironers.....	2 479	2 327	91	9	16	66	40	21
Graders and sorters, manufacturing.....	120	109	5	—	5	—	—	6
Packers and wrappers, except produce.....	4 080	4 033	47	—	19	28	—	—
Sewers and stitchers.....	4 376	4 259	68	15	6	47	44	5
Textile operatives.....	918	891	13	—	—	13	9	5
Other specified operatives.....	9 404	9 057	185	37	12	136	118	44
Miscellaneous and not specified operatives.....	8 161	7 918	179	36	25	118	50	14
Manufacturing.....	7 462	7 332	100	29	4	67	25	5
Durable goods.....	4 217	4 159	58	16	4	38	—	—
Machinery, including electrical.....	1 741	1 727	14	—	4	10	—	—
Other durable goods.....	2 476	2 432	44	16	—	28	—	—
Nondurable goods, including not specified manufacturing.....	3 245	3 173	42	13	—	29	25	5
Food and kindred products.....	328	313	—	—	—	—	10	5
Apparel and other fabricated textile products.....	367	356	11	4	—	7	—	—
Nonmanufacturing industries.....	699	586	79	7	21	51	25	9
Transport equipment operatives.....	1 207	722	440	5	48	387	41	4
Laborers, except farm	2 991	2 740	180	48	30	102	46	25
Farmers and farm managers	359	36	—	—	—	—	323	—
Farm laborers and farm foremen.....	550	444	10	—	—	10	—	96
Paid farm laborers and farm foremen.....	454	444	10	—	—	10	—	—
Unpaid family workers.....	96	—	—	—	—	—	—	96
Service workers, except private household¹	50 327	40 430	7 905	694	1 019	6 192	1 782	210
Cleaning service workers.....	8 400	6 353	1 963	116	207	1 640	68	16
Chambermaids and maids.....	1 958	1 390	563	—	70	493	5	—
Food service workers.....	18 975	16 662	1 911	112	229	1 570	271	131
Cooks, except private household.....	3 681	2 945	641	21	79	541	71	24
Waiters and food counter workers.....	11 295	10 686	404	9	65	330	123	82
Health service workers.....	10 540	8 468	1 850	344	358	1 148	199	23
Nursing aides, orderlies, and attendants.....	5 233	4 164	1 059	181	252	626	10	—
Practical nurses.....	2 979	2 310	480	91	61	328	189	—
Personal service workers.....	6 428	4 612	721	41	101	579	1 060	35
Hairdressers and cosmetologists.....	3 954	2 995	11	—	—	11	928	20
Private household workers	7 562	7 503	15	—	5	10	32	12
Private household workers, living in.....	659	654	—	—	—	—	5	—
Private household workers, living out.....	6 903	6 849	15	—	5	10	27	12

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

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

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

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

CLEVELAND SMSA—Continued

Negro

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Male, 16 years old and over	66 336	51 407	12 499	4 534	1 087	6 878	2 421	9
Professional, technical, and kindred workers	3 496	1 922	1 385	265	229	891	186	3
Accountants	195	107	80	41	16	23	8	—
Architects	23	5	7	—	—	7	11	—
Computer specialists	57	47	—	—	—	—	—	3
Engineers	334	235	95	37	13	45	4	—
Aeronautical and astronautical	6	—	6	—	—	—	—	—
Civil	66	33	29	5	—	24	4	—
Electrical and electronic	106	98	8	5	—	3	—	—
Mechanical	28	11	17	10	7	—	—	—
Other engineers	128	93	35	11	6	18	—	—
Lawyers and judges	93	3	56	14	6	36	34	—
Life and physical scientists	67	41	26	4	6	16	—	—
Chemists	57	36	21	4	6	11	—	—
Physicians, dentists, and related practitioners	120	42	17	9	2	6	61	—
Dentists	15	7	—	—	—	—	8	—
Pharmacists	27	18	5	5	—	—	4	—
Physicians, medical and osteopathic	74	17	12	4	2	6	45	—
Other related practitioners	4	—	—	—	—	—	4	—
Health technologists and technicians	161	118	43	10	—	33	—	—
Religious workers	107	84	—	—	—	—	23	—
Social scientists	29	7	22	—	—	22	—	—
Social and recreation workers	238	92	146	4	30	112	—	—
Teachers	599	110	484	11	54	419	5	—
College and university	61	40	21	—	21	—	—	—
Elementary and prekindergarten	191	11	180	5	12	163	—	—
Secondary	307	37	270	—	21	249	—	—
Engineering and science technicians	384	338	40	26	5	9	6	—
Draftsmen and surveyors	134	121	13	5	5	3	—	—
Electrical and electronic engineering technicians	74	57	11	11	—	—	6	—
Technicians, except health, and engineering and science	58	23	35	25	5	5	—	—
Airplane pilots	7	—	—	—	—	—	—	—
Writers, artists, and entertainers	285	188	67	18	10	39	30	—
Other professional, technical, and kindred workers	746	482	260	66	82	112	4	—
Managers and administrators, except farm	2 231	1 196	597	154	46	397	438	—
Buyers, purchasing agents, and sales managers	160	149	—	—	—	—	11	—
School administrators	81	24	57	—	10	47	—	—
Specified managers and administrators, public administration	374	—	374	139	14	221	—	—
Other specified managers and administrators	481	296	71	10	5	56	114	—
Managers and administrators, n.e.c., salaried	822	727	95	5	17	73	—	—
Manufacturing	109	109	—	—	—	—	—	—
Wholesale and retail trade	333	333	—	—	—	—	—	—
Transportation, communications and other public utilities	45	39	6	—	—	6	—	—
All other industries	335	246	89	5	17	67	—	—
Managers and administrators, n.e.c., self-employed	313	—	—	—	—	—	313	—
Construction	28	—	—	—	—	—	28	—
Manufacturing	—	—	—	—	—	—	—	—
Wholesale and retail trade	144	—	—	—	—	—	144	—
All other industries	141	—	—	—	—	—	141	—
Sales workers	1 768	1 563	15	—	4	11	190	—
Insurance agents, brokers, and underwriters	241	231	—	—	—	—	10	—
Real estate agents and brokers	84	39	—	—	—	—	45	—
Sales representatives, manufacturing industries	116	116	—	—	—	—	—	—
Sales representatives, wholesale trade	199	191	—	—	—	—	8	—
Sales clerks, retail trade	583	529	4	—	4	—	50	—
Salesmen, retail trade	145	128	—	—	—	—	17	—
Salesmen of services and construction	61	50	5	—	—	5	6	—
Other sales workers	339	279	6	—	—	6	54	—
Clerical and kindred workers	6 194	3 187	2 985	2 461	84	440	22	—
Bank tellers and cashiers	156	134	13	—	8	5	9	—
Bookkeepers and billing clerks	167	136	27	9	—	18	4	—
Mail handlers and postal clerks	1 916	111	1 800	1 795	—	5	5	—
Other clerical and kindred workers	3 955	2 806	1 145	657	76	412	4	—
Craftsmen and kindred workers	10 748	8 916	1 233	303	100	830	599	—
Apparel craftsmen and upholsterers	112	88	—	—	—	—	24	—
Bakers	135	119	16	—	10	6	—	—
Cabinetmakers	20	20	—	—	—	—	—	—
Construction craftsmen	2 156	1 599	230	53	13	164	327	—
Carpenters	341	252	13	7	—	6	76	—
Excavating, grading, and road machine operators	193	166	23	—	—	23	4	—
Electricians	241	199	32	5	8	19	10	—
Masons and tile setters	385	316	40	18	—	22	29	—
Painters, construction and maintenance, and paperhangers	447	233	61	8	—	53	153	—
Plasterers and cement finishers	217	180	27	—	—	27	10	—
Plumbers and pipe fitters	284	214	34	15	5	14	36	—
Other construction craftsmen	48	39	—	—	—	—	9	—
Foremen, n.e.c.	1 066	922	144	31	9	104	—	—
Manufacturing	692	681	11	5	—	6	—	—
Nonmanufacturing industries	374	241	133	26	9	98	—	—
Linemen and servicemen, telephone and power	326	294	32	5	7	20	—	—
Locomotive engineers and firemen	12	7	5	—	—	5	—	—
Mechanics and repairmen	2 159	1 675	368	109	9	250	116	—
Air conditioning, heating, and refrigeration	38	31	7	7	—	—	—	—
Aircraft	20	17	3	3	—	—	—	—
Automobile, including body	1 040	776	166	41	4	121	98	—
Radio and television	124	97	19	13	—	6	8	—
Other mechanics and repairmen	937	754	173	45	5	123	10	—
Metal craftsmen, except mechanics	1 822	1 780	34	21	—	13	8	—
Machinists and job and die setters	809	786	19	16	—	3	4	—
Sheetmetal workers and tinsmiths	48	48	—	—	—	—	—	—
Tool and die makers	140	140	—	—	—	—	—	—
Other metal craftsmen	825	806	15	5	—	10	4	—
Printing craftsmen	150	117	27	—	3	24	6	—
Compositors and typesetters	45	35	10	—	—	10	—	—
Pressmen and plate printers, printing	99	76	17	—	3	14	6	—
Stationary engineers and power station operators	285	107	178	16	20	142	—	—
Other craftsmen and kindred workers	2 505	2 188	199	68	29	102	118	—

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

CLEVELAND SMSA—Continued

Negro—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Operatives, except transport	17 383	16 451	780	210	140	430	152	
Assemblers.....	1 428	1 365	57	21	—	36	6	
Checkers, examiners, and inspectors; manufacturing.....	693	662	31	6	6	19	—	
Garage workers and gas station attendants.....	465	403	26	13	—	13	36	
Laundry and drycleaning operatives, n.e.c.....	177	161	5	—	5	—	11	
Meat cutters and butchers.....	211	—	—	—	—	—	—	
Mine operatives, n.e.c.....	41	35	6	—	—	6	—	
Packers and wrappers, except produce.....	424	424	6	—	—	6	—	
Painters, manufactured articles.....	297	286	6	—	—	6	5	
Precision machine operatives.....	915	875	34	14	8	12	6	
Sawyers.....	110	105	5	—	—	5	—	
Stationary firemen.....	231	149	78	4	4	70	4	
Textile operatives.....	31	31	—	—	—	—	—	
Welders and flamecutters.....	1 022	978	44	24	16	4	—	
Other metalworking operatives.....	2 342	2 304	38	4	—	34	—	
Other specified operatives.....	4 032	3 763	214	49	38	127	55	
Miscellaneous and not specified operatives.....	4 964	4 705	230	75	63	92	29	
Occupation:								
Machine operatives, miscellaneous specified.....	1 809	1 747	62	21	21	20	—	
Machine operatives, not specified.....	1 598	1 482	98	23	33	42	18	
Miscellaneous operatives.....	1 056	994	51	17	9	25	11	
Not specified operatives.....	501	482	19	14	—	5	—	
Industry:								
Manufacturing.....	4 546	4 373	150	55	41	54	23	
Durable goods.....	3 699	3 556	125	55	31	39	18	
Wood products, including furniture.....	49	49	—	—	—	—	—	
Primary metal industries.....	1 373	1 310	58	24	25	9	5	
Fabricated metal industries.....	446	426	20	—	—	20	—	
Machinery, including electrical.....	581	574	—	—	—	—	7	
Motor vehicles and equipment.....	944	921	23	19	—	4	—	
Transportation equipment, except motor vehicles.....	89	83	—	—	—	—	6	
Other durable goods.....	217	193	24	12	6	6	—	
Nondurable goods.....	754	724	25	—	10	15	5	
Food and kindred products.....	105	100	5	—	—	5	—	
Apparel and other fabricated textile products.....	22	22	—	—	—	—	—	
Paper and allied products.....	99	94	5	—	—	5	—	
Chemicals and allied products.....	274	259	15	—	10	5	—	
Other nondurable goods.....	254	249	—	—	—	—	5	
Not specified manufacturing industries.....	93	93	—	—	—	—	—	
Nonmanufacturing industries.....	418	332	80	20	22	38	6	
Transportation, communications, and other public utilities.....	76	62	14	—	—	14	—	
Wholesale and retail trade.....	156	139	11	—	5	6	6	
All other industries.....	186	131	55	20	17	18	—	
Transport equipment operatives.....	6 573	4 948	1 306	200	81	1 025	319	
Bus drivers.....	685	207	473	—	28	445	5	
Taxicab drivers and chauffeurs.....	321	287	34	7	4	23	—	
Truck drivers and deliverymen.....	3 312	2 478	619	135	27	457	215	
Other transport equipment operatives.....	2 255	1 976	180	58	22	100	99	
Laborers, except farm.....	8 683	6 701	1 914	427	127	1 360	68	
Construction laborers.....	990	853	131	—	12	119	6	
Freight, stock, and material handlers.....	2 800	1 782	1 006	315	55	636	12	
Other specified laborers.....	2 706	2 340	338	86	36	216	28	
Miscellaneous and not specified laborers.....	2 187	1 726	439	26	24	389	22	
Occupation:								
Miscellaneous laborers.....	172	580	174	5	5	164	18	
Not specified laborers.....	1 415	1 146	265	21	19	225	4	
Industry:								
Manufacturing.....	1 331	1 293	31	5	6	20	7	
Durable goods.....	1 195	1 169	26	5	6	15	—	
Wood products, including furniture.....	28	28	—	—	—	—	—	
Metal industries.....	712	691	21	—	6	15	—	
Machinery, including electrical.....	107	107	—	—	—	—	—	
Transportation equipment.....	271	271	—	—	—	—	—	
Other durable goods.....	77	72	5	5	—	—	—	
Nondurable goods.....	112	107	5	—	—	5	—	
Food and kindred products.....	22	22	—	—	—	—	—	
Not specified manufacturing industries.....	24	17	—	—	—	—	7	
Nonmanufacturing industries.....	856	433	408	21	18	369	15	
Railroads and railway express service.....	137	132	5	5	—	—	—	
Transportation, except railroads.....	43	32	11	—	—	11	—	
Communications, and utilities and sanitary services.....	212	—	212	—	18	194	—	
Wholesale and retail trade.....	177	165	5	5	—	—	7	
All other industries.....	287	104	175	11	—	164	8	
Farmers and farm managers.....	234	17	6	—	—	6	211	
Farm laborers and farm foremen.....	258	194	49	3	9	37	9	6
Paid farm laborers and farm foremen.....	252	194	49	3	9	37	9	6
Unpaid family workers.....	6	—	—	—	—	—	—	6
Service workers, except private household ¹	8 617	6 161	2 229	511	267	1 451	227	
Cleaning service workers.....	3 703	2 636	1 027	251	138	638	40	
Food service workers.....	1 387	1 255	121	40	20	61	11	
Cooks, except private household.....	513	463	46	17	14	15	4	
Busboys and dishwashers.....	366	319	47	10	6	31	—	
Health service workers.....	513	297	209	106	26	77	7	
Personal service workers.....	710	508	66	28	5	33	136	
Protective service workers.....	1 056	442	614	52	44	518	—	
Firemen, fire protection.....	62	—	62	—	—	—	—	
Guards and watchmen.....	596	399	197	41	27	129	—	
Policemen and detectives.....	338	43	295	11	17	267	—	
Private household workers.....	151	151	—	—	—	—	—	

¹Includes allocated cases not shown separately.

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

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

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

CLEVELAND SMSA—Continued

Negro—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Female, 16 years old and over	53 004	38 461	13 223	3 718	1 688	7 817	1 197	123
Professional, technical, and kindred workers	6 079	2 280	3 662	390	491	2 781	131	6
Accountants	151	80	59	49	5	5	12	—
Computer specialists	60	51	9	—	—	—	—	—
Librarians	67	20	47	—	9	38	—	—
Mathematical specialists	4	4	—	—	—	—	—	—
Life and physical scientists	11	6	5	—	—	5	—	—
Registered nurses, dietitians, and therapists	1 140	777	296	67	91	138	67	—
Dietitians	112	67	45	9	17	19	—	—
Registered nurses	936	672	197	58	57	82	67	—
Health technologists and technicians	360	268	92	26	—	66	—	—
Social scientists	9	5	4	—	—	4	—	—
Social and recreation workers	577	112	465	23	81	361	—	—
Teachers:								
College and university	60	14	46	—	15	31	—	—
Elementary and prekindergarten	1 831	277	1 554	53	139	1 362	—	—
Secondary	500	55	445	5	51	389	—	—
Other teachers	82	28	54	16	—	38	—	—
Engineering and science technicians	136	113	23	11	12	—	—	—
Technicians, except health, and engineering and science	17	17	—	—	—	—	—	—
Writers, artists, and entertainers	110	73	23	12	—	11	14	—
Actors and dancers	4	4	—	—	—	—	—	—
Authors, editors, and reporters	27	10	12	7	—	5	5	—
Other professional, technical, and kindred workers	964	380	540	119	88	333	38	6
Managers and administrators, except farm	824	433	247	36	20	191	141	3
Buyers, purchasing agents, and sales managers	70	70	—	—	—	—	—	—
Restaurant, cafeteria, and bar managers	83	41	5	—	—	5	34	3
School administrators	132	27	105	7	10	88	—	—
Other specified managers and administrators	215	87	98	24	10	64	30	—
Managers and administrators, n.e.c., salaried	247	208	39	5	—	34	—	—
Wholesale and retail trade	62	62	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	77	—	—	—	—	—	77	—
Wholesale and retail trade	41	—	—	—	—	—	41	—
Sales workers	1 929	1 730	54	6	17	31	122	23
Demonstrators, hucksters, and peddlers	34	23	—	—	—	—	11	—
Insurance, real estate agents, and brokers	125	101	10	—	—	10	14	—
Sales clerks, retail trade	1 280	1 183	32	6	17	9	54	11
Salesmen, retail trade	31	21	—	—	—	—	10	—
Other sales workers	459	402	12	—	—	12	33	12
Clerical and kindred workers	14 306	8 961	5 264	2 606	460	2 198	57	24
Bank tellers	163	137	26	17	—	9	—	—
Bookkeepers	744	596	116	56	15	45	19	13
Cashiers	792	691	88	25	11	52	13	—
Counter clerks, except food	221	217	4	—	—	4	—	—
Enumerators and interviewers	37	6	31	16	5	10	—	—
File clerks	554	358	196	87	22	87	—	—
Office machine operators	898	686	208	98	14	96	4	—
Bookkeeping and billing machine operators	99	83	16	8	3	5	—	—
Keypunch operators	612	457	151	80	—	71	4	—
Payroll and timekeeping clerks	143	75	68	44	—	24	—	—
Receptionists	345	248	97	38	12	47	—	—
Secretaries	2 027	1 398	625	185	69	371	4	—
Stenographers	99	46	53	23	5	25	—	—
Telephone operators	932	808	124	22	53	49	—	—
Typists	1 724	947	769	290	74	405	8	—
Other clerical and kindred workers	5 627	2 748	2 859	1 705	180	974	9	11
Craftsmen and kindred workers	791	667	74	24	21	29	39	11
Foremen, n.e.c.	127	108	19	9	—	10	—	—
Operatives, except transport	8 647	8 188	321	65	32	224	108	30
Assemblers	662	643	14	4	—	10	—	5
Bottling and canning operatives	27	—	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	450	445	5	5	—	—	—	—
Dressmakers and seamstresses, except factory	171	112	—	—	—	—	59	—
Laundry and drycleaning operatives, including ironers	1 526	1 429	64	9	10	45	27	6
Graders and sorters, manufacturing	33	27	—	—	—	—	—	6
Packers and wrappers, except produce	644	623	21	—	9	12	—	—
Sewers and slitchers	955	927	23	7	—	16	5	—
Textile operatives	211	202	9	—	—	9	—	—
Other specified operatives	2 584	2 434	124	23	7	94	13	13
Miscellaneous and not specified operatives	1 384	1 319	61	17	6	38	4	—
Manufacturing	1 181	1 134	43	10	—	33	4	—
Durable goods	613	593	20	10	—	10	—	—
Machinery, including electrical	354	259	10	—	—	10	—	—
Other durable goods	568	344	10	10	—	—	—	—
Nondurable goods, including not specified manufacturing	169	541	23	—	—	23	4	—
Food and kindred products	54	54	—	—	—	—	—	—
Apparel and other fabricated textile products	169	7	—	—	—	7	—	—
Nonmanufacturing industries	203	185	18	7	6	5	—	—
Transport equipment operatives	170	132	28	—	—	28	10	—
Laborers, except farm	805	705	100	30	30	40	—	—
Farmers and farm managers	209	23	—	—	—	—	186	—
Farm laborers and farm foremen	167	156	5	—	—	5	—	6
Paid farm laborers and farm foremen	161	156	5	—	—	5	—	—
Unpaid family workers	6	—	—	—	—	—	—	6
Service workers, except private household¹	14 646	10 777	3 453	561	612	2 280	403	13
Cleaning service workers	3 044	2 268	737	70	107	560	33	6
Chambermaids and maids	849	678	166	—	27	139	5	—
Food service workers	3 046	2 467	551	81	90	380	21	7
Cooks, except private household	1 031	840	186	4	32	142	5	—
Waiters and food counter workers	1 029	893	124	4	22	98	5	7
Health service workers	4 798	3 498	1 227	303	285	639	73	—
Nursing aides, orderlies, and attendants	2 807	2 016	791	165	213	413	—	—
Practical nurses	1 356	1 042	241	77	42	122	73	—
Personal service workers	1 297	829	251	41	41	169	217	—
Hairdressers and cosmetologists	583	376	6	—	—	6	201	—
Private household workers	4 431	4 409	15	—	5	10	—	7
Private household workers, living in	219	—	—	—	—	—	—	—
Private household workers, living out	4 212	4 190	15	—	5	10	—	7

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
COLUMBUS SMSA								
Total								
Male, 16 years old and over	219 743	168 113	36 373	8 830	16 330	11 213	14 943	314
Professional, technical, and kindred workers	39 432	22 282	13 671	1 888	8 374	3 409	3 470	9
Accountants	3 141	2 195	701	243	335	123	245	—
Architects	350	194	48	6	21	21	108	—
Computer specialists	1 275	853	416	187	203	26	6	—
Engineers	7 053	5 830	1 093	332	650	111	110	—
Aeronautical and astronautical	445	420	19	15	4	—	6	—
Civil	1 001	572	402	56	278	68	27	—
Electrical and electronic	1 808	1 604	188	61	122	5	16	—
Mechanical	842	783	54	28	22	4	5	—
Other engineers	2 937	2 451	430	172	224	34	56	—
Lawyers and judges	1 632	374	310	43	204	63	948	—
Life and physical scientists	1 021	635	376	134	213	29	10	—
Chemists	507	383	124	30	80	14	—	—
Physicians, dentists, and related practitioners	2 781	918	536	24	482	30	1 327	—
Dentists	510	41	54	5	49	—	415	—
Pharmacists	479	392	26	4	18	4	61	—
Physicians, medical and osteopathic	1 510	452	415	—	394	21	643	—
Other related practitioners	282	33	41	15	21	5	208	—
Health technologists and technicians	550	304	241	10	208	23	5	—
Religious workers	929	808	34	—	34	—	87	—
Social scientists	499	281	170	57	88	25	48	—
Social and recreation workers	726	199	522	49	264	209	5	—
Teachers	6 717	1 266	5 402	47	3 149	2 206	49	—
College and university	3 350	595	2 755	28	2 695	32	—	—
Elementary and prekindergarten	756	145	611	—	68	543	—	—
Secondary	2 257	321	1 936	8	318	1 610	—	—
Engineering and science technicians	3 635	2 831	788	155	545	88	16	—
Draftsmen and surveyors	1 678	1 389	280	29	173	78	9	—
Electrical and electronic engineering technicians	635	496	139	100	34	5	—	—
Technicians, except health, and engineering and science	821	449	367	138	151	78	5	—
Airplane pilots	191	172	19	5	14	—	—	—
Writers, artists, and entertainers	2 876	2 140	409	82	277	50	327	—
Other professional, technical, and kindred workers	5 446	3 005	2 258	381	1 550	327	174	9
Managers and administrators, except farm	27 163	20 323	3 604	900	1 548	1 156	3 187	49
Buyers, purchasing agents, and sales managers	4 746	4 352	273	173	83	17	121	—
School administrators	754	104	628	—	215	413	22	—
Specified managers and administrators, public administration	1 581	—	1 581	574	584	423	—	—
Other specified managers and administrators	5 118	4 139	334	94	511	129	625	20
Managers and administrators, n.e.c., salaried	12 516	11 728	788	59	555	174	—	—
Manufacturing	2 783	2 758	25	16	9	—	—	—
Wholesale and retail trade	3 917	3 896	21	5	16	—	—	—
Transportation, communications and other public utilities	985	931	54	—	6	48	—	—
All other industries	4 831	4 143	688	38	524	126	—	—
Managers and administrators, n.e.c., self-employed	2 448	—	—	—	—	—	2 419	29
Construction	598	—	—	—	—	—	598	—
Manufacturing	173	—	—	—	—	—	173	—
Wholesale and retail trade	1 117	—	—	—	—	—	1 102	15
All other industries	560	—	—	—	—	—	546	14
Sales workers	17 584	15 649	169	41	109	19	1 728	38
Insurance agents, brokers, and underwriters	2 611	2 228	5	—	5	—	373	5
Real estate agents and brokers	992	604	6	—	6	—	377	5
Sales representatives, manufacturing industries	2 209	2 153	—	—	—	—	56	—
Sales representatives, wholesale trade	3 285	3 024	9	—	4	5	247	5
Sales clerks, retail trade	3 703	3 333	37	10	27	—	316	17
Salesmen, retail trade	1 742	1 633	—	—	—	—	109	—
Salesmen of services and construction	1 152	1 017	49	14	28	7	86	—
Other sales workers	1 890	1 657	63	17	39	7	164	6
Clerical and kindred workers	19 167	13 030	5 917	3 572	1 743	602	184	36
Bank tellers and cashiers	810	749	41	4	31	6	5	15
Bookkeepers and billing clerks	1 061	785	237	67	128	42	32	7
Mail handlers and postal clerks	2 708	2 299	2 409	2 286	105	18	—	—
Other clerical and kindred workers	14 588	11 197	3 230	1 215	1 479	536	147	14
Craftsmen and kindred workers	42 070	36 113	3 218	802	1 263	1 153	2 730	9
Apparel craftsmen and upholsterers	231	179	11	—	11	—	41	—
Bakers	413	379	21	—	21	—	8	5
Cabinetmakers	190	166	6	—	6	—	18	—
Construction craftsmen	10 536	8 236	891	164	430	297	1 409	—
Carpenters	2 721	2 082	139	32	63	44	500	—
Excavating, grading, and road machine operators	689	514	108	—	22	86	67	—
Electricians	1 913	1 606	230	52	84	94	77	—
Masons and tile setters	943	778	12	3	9	—	153	—
Painters, construction and maintenance, and paperhangers	1 544	1 017	177	13	104	60	350	—
Plasterers and cement finishers	422	347	17	—	17	—	58	—
Plumbers and pipe fitters	1 639	1 326	199	64	126	9	114	—
Other construction craftsmen	665	566	9	—	5	4	90	—
Foremen, n.e.c.	6 498	5 998	460	102	154	204	40	—
Manufacturing	3 724	3 685	39	5	15	19	—	—
Nonmanufacturing industries	2 774	2 313	421	97	139	185	40	—
Linemen and servicemen, telephone and power	1 590	1 537	48	15	9	24	5	—
Locomotive engineers and firemen	555	550	5	5	—	—	—	—
Mechanics and repairmen	9 754	8 378	824	303	267	254	548	4
Air conditioning, heating, and refrigeration	798	721	61	20	30	11	16	—
Aircraft	591	445	146	122	24	—	—	—
Automobile, including body	3 429	2 931	193	38	57	98	301	4
Radio and television	531	407	29	5	5	—	95	—
Other mechanics and repairmen	4 405	3 874	395	118	151	126	136	—
Metal craftsmen, except mechanics	4 765	4 615	117	65	31	21	33	—
Machinists and job and die setters	1 772	1 705	60	35	15	10	7	—
Sheetmetal workers and tinsmiths	807	764	35	26	9	—	8	—
Tool and die makers	888	884	4	4	—	—	—	—
Other metal craftsmen	1 298	1 262	18	—	7	11	18	—
Printing craftsmen	1 484	1 350	115	16	89	10	19	—
Compositors and typesetters	689	599	76	—	66	10	14	—
Pressmen and plate printers, printing	536	496	35	16	19	—	5	—
Stationary engineers and power station operators	694	386	308	15	85	208	—	—
Other craftsmen and kindred workers	5 360	4 339	412	117	160	135	609	—

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**

COLUMBUS SMSA—Continued

Total—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Operatives, except transport	28 096	26 365	1 352	578	437	337	352	27
Assemblers	2 657	2 582	71	44	6	21	4	—
Checkers, examiners, and inspectors; manufacturing	2 037	1 974	63	57	6	—	—	—
Garage workers and gas station attendants	1 568	1 505	24	9	—	15	39	—
Laundry and drycleaning operatives, n.e.c.	411	287	96	11	76	9	14	14
Meat cutters and butchers	880	790	52	4	48	—	33	5
Mine operatives, n.e.c.	160	152	4	—	4	—	4	—
Packers and wrappers, except produce	955	788	167	163	—	4	—	—
Painters, manufactured articles	425	403	12	8	—	—	4	10
Precision machine operatives	1 773	1 725	37	19	3	15	11	—
Sawyers	184	174	10	10	—	—	—	—
Stationary firemen	411	247	164	37	15	112	—	—
Textile operatives	296	289	7	—	—	7	—	—
Welders and flamecutters	2 022	1 931	59	11	24	24	32	—
Other metalworking operatives	1 815	1 761	32	15	—	17	22	—
Other specified operatives	4 446	4 045	262	65	134	63	131	8
Miscellaneous and not specified operatives	8 056	7 712	292	125	121	46	52	—
Occupation:								
Machine operatives, miscellaneous specified	3 345	3 225	100	41	42	17	20	—
Machine operatives, not specified	1 821	1 762	59	24	26	9	—	—
Miscellaneous operatives	1 766	1 650	106	44	42	20	10	—
Not specified operatives	1 124	1 075	27	16	11	—	22	—
Industry:								
Manufacturing	6 611	6 468	116	59	31	26	27	—
Durable goods	4 511	4 394	96	55	21	20	21	—
Wood products, including furniture	126	126	—	—	—	—	—	—
Primary metal industries	531	524	7	—	7	—	—	—
Fabricated metal industries	542	531	4	—	—	4	7	—
Machinery, including electrical	1 797	1 765	28	11	6	11	4	—
Motor vehicles and equipment	303	299	4	4	—	—	—	—
Transportation equipment, except motor vehicles	236	203	33	33	—	—	—	—
Other durable goods	976	946	20	7	8	5	10	—
Nondurable goods	2 032	2 006	20	4	10	6	6	—
Food and kindred products	571	557	14	4	10	—	—	—
Apparel and other fabricated textile products	34	34	—	—	—	—	—	—
Paper and allied products	368	362	6	—	—	6	—	—
Chemicals and allied products	244	244	—	—	—	—	—	—
Other nondurable goods	815	809	—	—	—	—	6	—
Not specified manufacturing industries	68	68	—	—	—	—	—	—
Nonmanufacturing industries	1 445	1 244	176	66	90	20	25	—
Transportation, communications, and other public utilities	263	248	15	—	4	11	—	—
Wholesale and retail trade	583	579	—	—	—	—	4	—
All other industries	599	417	161	66	86	9	21	—
Transport equipment operatives	12 681	11 173	922	233	243	446	570	16
Bus drivers	529	421	103	—	18	85	5	—
Taxicab drivers and chauffeurs	586	536	23	6	10	7	21	6
Truck drivers and deliverymen	8 544	7 530	550	105	157	288	454	10
Other transport equipment operatives	3 022	2 686	246	122	58	66	90	—
Laborers, except farm	12 740	10 870	1 615	465	296	854	246	9
Construction laborers	2 022	1 773	246	5	70	171	3	—
Freight, stock, and material handlers	5 541	4 866	647	335	51	261	28	—
Other specified laborers	2 888	2 214	491	77	124	290	177	4
Miscellaneous and not specified laborers	2 289	2 015	231	48	51	132	38	5
Occupation:								
Miscellaneous laborers	574	501	57	5	4	48	16	—
Not specified laborers	1 715	1 514	174	43	47	84	22	5
Industry:								
Manufacturing	1 066	1 033	18	—	5	13	15	—
Durable goods	846	828	7	—	—	7	11	—
Wood products, including furniture	25	25	—	—	—	—	—	—
Metal industries	475	475	—	—	—	—	—	—
Machinery, including electrical	206	194	7	—	—	7	5	—
Transportation equipment	24	24	—	—	—	—	—	—
Other durable goods	116	110	—	—	—	—	6	—
Nondurable goods	203	194	5	—	5	—	4	—
Food and kindred products	101	96	5	—	5	—	—	—
Not specified manufacturing industries	17	11	6	—	—	6	—	—
Nonmanufacturing industries	1 223	982	213	48	46	119	23	5
Railroads and railway express service	174	165	9	5	4	—	—	—
Transportation, except railroads	63	58	5	—	5	—	—	—
Communications, and utilities and sanitary services	114	43	64	—	—	64	7	—
Wholesale and retail trade	381	370	—	—	—	—	11	—
All other industries	491	346	135	43	37	55	5	5
Farmers and farm managers	1 798	92	13	8	5	—	1 693	—
Farm laborers and farm foremen	993	755	135	11	109	15	5	98
Paid farm laborers and farm foremen	895	755	135	11	109	15	5	—
Unpaid family workers	98	—	—	—	—	—	—	98
Service workers, except private household ¹	17 863	11 313	5 757	332	2 203	3 222	770	23
Cleaning service workers	6 038	3 937	1 985	123	857	1 005	112	4
Food service workers	4 299	3 965	206	25	164	17	114	14
Cooks, except private household	1 363	1 278	41	15	26	—	44	—
Busboys and dishwashers	1 302	1 246	56	—	56	—	—	—
Health service workers	606	315	291	9	267	15	—	—
Personal service workers	1 530	873	149	3	110	36	503	5
Protective service workers	3 730	886	2 840	149	625	2 066	4	—
Firemen, fire protection	717	21	696	16	—	680	—	—
Guards and watchmen	1 355	784	571	76	402	93	—	—
Policemen and detectives	1 487	62	1 421	42	202	1 177	4	—
Private household workers	156	148	—	—	—	—	8	—

¹Includes allocated cases not shown separately.

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

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

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

COLUMBUS 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	146 699	107 607	34 790	4 876	15 936	13 978	3 467	835
Professional, technical, and kindred workers	25 476	10 820	13 985	615	4 739	8 631	665	6
Accountants.....	1 115	735	342	86	202	54	38	—
Computer specialists.....	319	210	109	37	64	8	—	—
Librarians.....	557	152	405	—	211	194	—	—
Mathematical specialists.....	100	83	17	5	12	—	—	—
Life and physical scientists.....	128	68	60	6	33	21	—	—
Registered nurses, dietitians, and therapists.....	4 562	3 160	1 253	83	914	256	143	6
Dietitians.....	317	235	78	10	63	5	4	—
Registered nurses.....	3 966	2 795	1 031	68	748	215	134	6
Health technologists and technicians.....	1 236	802	434	19	372	43	—	—
Social scientists.....	192	65	121	10	60	51	6	—
Social and recreation workers.....	921	228	688	33	230	425	5	—
Teachers: College and university.....	1 255	317	938	15	847	76	—	—
Elementary and prekindergarten.....	6 710	1 265	5 445	51	451	4 943	—	—
Secondary.....	2 372	419	1 953	6	142	1 805	—	—
Other teachers.....	607	242	135	—	56	79	230	—
Engineering and science technicians.....	594	382	207	41	160	6	5	—
Technicians, except health, and engineering and science.....	113	35	78	35	30	13	—	—
Writers, artists, and entertainers.....	1 311	1 021	194	23	151	20	96	—
Actors and dancers.....	44	39	—	—	—	—	5	—
Authors, editors, and reporters.....	451	363	74	9	61	4	14	—
Other professional, technical, and kindred workers.....	3 384	1 636	1 606	165	804	637	142	—
Managers and administrators, except farm	5 147	3 400	1 018	374	348	296	637	92
Buyers, purchasing agents, and sales managers.....	724	541	156	126	26	—	21	6
Restaurant, cafeteria, and bar managers.....	487	312	50	—	—	50	90	35
School administrators.....	282	129	148	—	52	96	5	—
Other specified managers and administrators.....	1 205	628	440	229	139	72	137	—
Managers and administrators, n.e.c., salaried.....	2 014	1 790	224	19	131	74	—	—
Wholesale and retail trade.....	534	527	7	7	—	—	—	—
Managers and administrators, n.e.c., self-employed.....	435	—	—	—	—	—	384	51
Wholesale and retail trade.....	257	—	—	—	—	—	226	31
Sales workers	10 743	10 030	143	43	77	23	498	72
Demonstrators, hucksters, and peddlers.....	624	471	8	4	4	—	145	—
Insurance, real estate agents, and brokers.....	1 019	919	—	—	—	—	100	—
Sales clerks, retail trade.....	7 018	6 756	34	18	16	—	161	67
Salesmen, retail trade.....	171	135	5	5	—	—	31	—
Other sales workers.....	1 911	1 749	96	16	57	23	61	5
Clerical and kindred workers	59 454	44 338	14 348	3 443	7 638	3 267	326	442
Bank tellers.....	1 095	1 074	21	10	5	6	—	—
Bookkeepers.....	4 996	4 180	600	89	384	127	103	113
Cashiers.....	3 812	3 552	210	31	141	38	14	36
Counter clerks, except food.....	950	889	48	—	48	—	13	—
Enumerators and interviewers.....	209	125	75	60	15	—	9	—
File clerks.....	1 817	1 286	523	131	316	76	8	—
Office machine operators.....	3 123	2 201	917	211	582	124	5	—
Bookkeeping and billing machine operators.....	314	268	46	11	35	—	—	—
Keypunch operators.....	1 999	1 343	651	172	388	91	5	—
Payroll and timekeeping clerks.....	596	462	134	29	79	26	—	—
Receptionists.....	1 843	1 512	275	32	198	45	19	37
Secretaries.....	14 341	10 980	3 148	438	1 976	734	42	171
Stenographers.....	581	257	324	95	155	74	—	—
Telephone operators.....	1 927	1 713	214	23	135	56	—	—
Typists.....	6 641	3 916	2 704	572	1 560	572	16	5
Other clerical and kindred workers.....	17 523	12 191	5 155	1 722	2 044	1 389	97	80
Craftsman and kindred workers	2 582	2 239	214	41	110	63	123	6
Foremen, n.e.c.....	558	526	32	10	18	4	—	—
Operatives, except transport	15 816	15 125	512	140	265	107	140	39
Assemblers.....	2 121	2 056	65	49	13	3	—	—
Bottling and canning operatives.....	9	9	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing.....	1 982	1 957	25	13	12	—	—	—
Dressmakers and seamstresses, except factory.....	442	339	16	—	9	7	81	6
Laundry and drycleaning operatives, including ironers.....	1 054	912	109	4	92	13	14	19
Graders and sorters, manufacturing.....	91	91	—	—	—	—	—	—
Packers and wrappers, except produce.....	1 490	1 468	22	18	—	4	—	—
Sewers and stitchers.....	924	883	22	4	10	8	11	8
Textile operatives.....	33	27	—	—	—	—	6	—
Other specified operatives.....	3 368	3 261	83	18	37	28	24	—
Miscellaneous and not specified operatives.....	4 302	4 122	170	34	92	44	4	6
Manufacturing.....	3 805	3 742	63	20	16	27	—	—
Durable goods.....	2 889	2 831	58	20	11	27	—	—
Machinery, including electrical.....	2 089	2 052	37	5	11	21	—	—
Other durable goods.....	800	779	21	15	—	6	—	—
Nondurable goods, including not specified manufacturing.....	916	911	5	—	5	—	—	—
Food and kindred products.....	198	198	—	—	—	—	—	—
Apparel and other fabricated textile products.....	30	30	—	—	—	—	—	—
Nonmanufacturing industries.....	497	380	107	14	76	17	4	6
Transport equipment operatives.....	711	371	316	5	36	275	19	5
Laborers, except farm.....	1 078	974	79	23	42	14	20	5
Farmers and farm managers.....	105	6	—	—	—	—	99	—
Farm laborers and farm foremen.....	134	93	4	—	4	—	—	37
Paid farm laborers and farm foremen.....	97	93	4	—	4	—	—	—
Unpaid family workers.....	37	—	—	—	—	—	—	37
Service workers, except private household¹	21 808	16 595	4 166	187	2 677	1 302	916	131
Cleaning service workers.....	2 121	1 675	421	27	295	99	16	9
Chambermaids and maids.....	867	746	121	6	97	18	—	—
Food service workers.....	9 727	7 998	1 590	65	836	689	86	53
Cooks, except private household.....	2 255	1 510	672	16	276	380	44	29
Waiters and food counter workers.....	5 776	5 244	485	49	304	132	28	19
Health service workers.....	4 403	3 138	1 187	28	986	173	48	30
Nursing aides, orderlies, and attendants.....	2 606	1 750	846	23	713	110	5	5
Practical nurses.....	831	619	164	5	125	34	43	5
Personal service workers.....	3 447	2 218	548	48	327	173	654	27
Hairdressers and cosmetologists.....	1 804	1 274	29	14	15	—	488	13
Private household workers	3 645	3 616	5	5	—	—	24	—
Private household workers, living in.....	251	251	—	—	—	—	—	—
Private household workers, living out.....	3 394	3 365	5	5	—	—	24	—

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

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

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

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

COLUMBUS SMSA—Continued

Negro

Male, 16 years old and over

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Male, 16 years old and over	20 186	14 051	5 365	2 130	1 488	1 747	766	4
Professional, technical, and kindred workers	1 562	607	843	195	383	265	112	—
Accountants	104	27	71	50	21	—	6	—
Architects	3	—	—	—	—	—	3	—
Computer specialists	17	8	9	—	9	—	—	—
Engineers	72	57	15	7	4	4	—	—
Aeronautical and astronautical	5	5	—	—	—	—	—	—
Civil	15	15	—	—	—	—	—	—
Electrical and electronic	16	12	4	4	—	—	—	—
Mechanical	7	—	7	3	—	4	—	—
Other engineers	29	25	4	—	4	—	—	—
Lawyers and judges	47	—	5	5	—	—	42	—
Life and physical scientists	54	14	40	11	22	7	—	—
Chemists	14	14	—	—	—	—	—	—
Physicians, dentists, and related practitioners	81	35	14	—	14	—	32	7
Dentists	14	7	7	—	7	—	7	—
Pharmacists	36	30	—	—	—	—	6	—
Physicians, medical and osteopathic	25	5	7	—	7	—	13	6
Other related practitioners	6	—	—	—	—	—	6	—
Health technologists and technicians	54	25	29	—	29	—	—	—
Religious workers	73	52	5	—	5	—	16	—
Social scientists	19	2	17	4	13	—	—	—
Social and recreation workers	207	26	181	23	104	54	—	—
Teachers	247	27	220	11	64	145	—	—
College and university	35	4	31	6	20	5	—	—
Elementary and prekindergarten	68	23	45	—	5	40	—	—
Secondary	114	—	114	—	14	100	—	—
Engineering and science technicians	147	100	47	19	22	6	—	—
Draftsmen and surveyors	77	60	17	7	4	6	—	—
Electrical and electronic engineering technicians	27	15	12	12	—	—	—	—
Technicians, except health, and engineering and science	25	5	20	—	—	—	—	—
Airplane pilots	—	74	30	15	10	5	9	—
Writers, artists, and entertainers	113	74	40	—	—	—	—	—
Other professional, technical, and kindred workers	299	155	140	30	66	44	4	—
Managers and administrators, except farm	898	405	348	122	107	119	145	—
Buyers, purchasing agents, and sales managers	71	51	20	20	—	—	—	—
School administrators	45	6	39	—	11	28	—	—
Specified managers and administrators, public administration	174	—	174	85	52	37	—	—
Other specified managers and administrators	180	75	53	—	13	40	52	—
Managers and administrators, n.e.c., salaried	335	273	62	17	31	14	—	—
Manufacturing	34	34	—	—	—	—	—	—
Wholesale and retail trade	113	109	4	—	4	—	—	—
Transportation, communications and other public utilities	12	12	—	—	—	—	—	—
All other industries	176	118	58	17	27	14	—	—
Managers and administrators, n.e.c., self-employed	93	—	—	—	—	—	93	—
Construction	47	—	—	—	—	—	47	—
Manufacturing	—	—	—	—	—	—	—	—
Wholesale and retail trade	16	—	—	—	—	—	16	—
All other industries	30	—	—	—	—	—	30	—
Sales workers	454	395	22	15	7	—	33	4
Insurance agents, brokers, and underwriters	58	58	—	—	—	—	—	—
Real estate agents and brokers	11	11	—	—	—	—	—	—
Sales representatives, manufacturing industries	26	22	—	—	—	—	4	—
Sales representatives, wholesale trade	21	16	—	—	—	—	5	—
Sales clerks, retail trade	166	140	5	5	—	—	17	4
Salesmen, retail trade	32	32	—	—	—	—	—	—
Salesmen of services and construction	34	25	9	4	5	—	—	—
Other sales workers	106	91	8	6	2	—	7	—
Clerical and kindred workers	1 959	790	1 169	951	118	100	—	—
Bank tellers and cashiers	40	34	6	—	—	6	—	—
Bookkeepers and billing clerks	49	20	29	6	8	15	—	—
Mail handlers and postal clerks	666	32	634	619	9	6	—	—
Other clerical and kindred workers	1 204	704	500	326	101	73	—	—
Craftsmen and kindred workers	2 946	2 358	373	121	82	170	215	—
Apparel craftsmen and upholsterers	14	10	—	—	—	—	4	—
Bakers	59	53	6	—	6	—	—	—
Cabinetmakers	3	3	—	—	—	—	—	—
Construction craftsmen	824	611	88	35	8	45	125	—
Carpenters	118	70	18	14	—	4	30	—
Excavating, grading, and road machine operators	94	59	29	—	—	29	6	—
Electricians	109	79	19	6	8	5	11	—
Masons and tile setters	192	162	3	3	—	—	27	—
Pointers, construction and maintenance, and paperhangers	138	93	16	9	—	7	29	—
Plasterers and cement finishers	98	93	—	—	—	—	5	—
Plumbers and pipe fitters	37	17	3	3	—	—	17	—
Other construction craftsmen	38	38	—	—	—	—	—	—
Foremen, n.e.c.	250	192	47	4	14	29	11	—
Manufacturing	101	97	4	—	—	4	—	—
Nonmanufacturing industries	149	95	43	4	14	25	11	—
Linemen and servicemen, telephone and power	101	91	10	—	4	6	—	—
Locomotive engineers and firemen	—	—	—	—	—	—	—	—
Mechanics and repairmen	605	459	117	37	30	50	29	—
Air conditioning, heating, and refrigeration	31	22	9	—	3	6	—	—
Aircraft	63	57	6	6	—	—	—	—
Automobile, including body	248	195	33	6	5	22	20	—
Radio and television	32	23	—	—	—	—	9	—
Other mechanics and repairmen	231	162	69	25	22	22	—	—
Metal craftsmen, except mechanics	367	349	18	13	5	—	—	—
Machinists and job and die setters	76	67	9	—	—	—	—	—
Sheetmetal workers and tinsmiths	41	32	9	4	5	—	—	—
Tool and die makers	20	20	—	—	—	—	—	—
Other metal craftsmen	230	230	—	—	—	—	—	—
Printing craftsmen	77	69	8	8	—	—	—	—
Compositors and typesetters	20	20	—	—	—	—	—	—
Pressmen and plate printers, printing	34	26	8	8	—	—	—	—
Stationary engineers and power station operators	65	29	36	—	15	21	—	—
Other craftsmen and kindred workers	581	492	43	24	—	19	46	—

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

COLUMBUS SMSA—Continued

Negro—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Operatives, except transport	3 980	3 664	303	179	64	60	11	
Assemblers.....	406	393	13	13	—	—	—	
Checkers, examiners, and inspectors, manufacturing.....	202	189	13	13	—	—	—	
Garage workers and gas station attendants.....	103	99	4	4	—	—	—	
Laundry and drycleaning operatives, n.e.c.....	121	88	29	11	9	9	4	
Meat cutters and butchers.....	58	58	—	—	—	—	—	
Mine operatives, n.e.c.....	20	20	—	—	—	—	—	
Packers and wrappers, except produce.....	174	86	88	88	—	—	—	
Painters, manufactured articles.....	78	78	—	—	—	—	—	
Precision machine operatives.....	200	193	7	—	3	4	—	
Sawyers.....	16	16	—	—	—	—	—	
Stationary firemen.....	60	38	22	6	—	16	—	
Textile operatives.....	67	67	—	—	—	—	—	
Welders and flamecutters.....	171	168	—	—	—	—	3	
Other metalworking operatives.....	267	255	12	—	—	12	—	
Other specified operatives.....	783	726	53	16	28	9	4	
Miscellaneous and not specified operatives.....	1 254	1 192	62	28	24	10	—	
Occupation:								
Machine operatives, miscellaneous specified.....	519	499	20	9	11	—	—	
Machine operatives, not specified.....	360	346	14	10	—	4	—	
Miscellaneous operatives.....	258	233	25	6	13	6	—	
Not specified operatives.....	117	114	3	3	—	—	—	
Industry:								
Manufacturing.....	1 032	1 005	27	10	13	4	—	
Durable goods.....	793	770	23	6	13	4	—	
Wood products, including furniture.....	5	5	—	—	—	—	—	
Primary metal industries.....	230	223	7	—	7	—	—	
Fabricated metal industries.....	111	107	4	—	—	4	—	
Machinery, including electrical.....	261	249	12	6	6	—	—	
Motor vehicles and equipment.....	26	26	—	—	—	—	—	
Transportation equipment, except motor vehicles.....	34	34	—	—	—	—	—	
Other durable goods.....	126	126	—	—	—	—	—	
Nondurable goods.....	233	229	4	4	—	—	—	
Food and kindred products.....	55	51	4	4	—	—	—	
Apparel and other fabricated textile products.....	—	—	—	—	—	—	—	
Paper and allied products.....	46	46	—	—	—	—	—	
Chemicals and allied products.....	54	54	—	—	—	—	—	
Other nondurable goods.....	78	78	—	—	—	—	—	
Not specified manufacturing industries.....	6	6	—	—	—	—	—	
Nonmanufacturing industries.....	222	187	35	18	11	6	—	
Transportation, communications, and other public utilities.....	47	37	10	—	4	6	—	
Wholesale and retail trade.....	93	93	—	—	—	—	—	
All other industries.....	82	57	25	18	7	—	—	
Transport equipment operatives.....	1 462	1 037	335	157	54	124	90	
Bus drivers.....	61	28	33	—	8	25	—	
Taxicab drivers and chauffeurs.....	74	65	9	6	—	3	—	
Truck drivers and deliverymen.....	864	597	191	66	35	90	76	
Other transport equipment operatives.....	463	347	102	85	11	6	14	
Laborers, except farm.....	2 772	2 016	717	263	59	395	39	
Construction laborers.....	489	435	54	—	12	42	—	
Freight, stack, and material handlers.....	939	520	403	182	26	195	16	
Other specified laborers.....	757	588	158	49	16	93	11	
Miscellaneous and not specified laborers.....	587	473	102	32	5	65	12	
Occupation:								
Miscellaneous laborers.....	172	143	24	—	—	24	5	
Not specified laborers.....	415	330	78	32	5	41	7	
Industry:								
Manufacturing.....	311	298	13	—	—	13	—	
Durable goods.....	282	275	7	—	—	7	—	
Wood products, including furniture.....	—	—	—	—	—	—	—	
Metal industries.....	228	228	—	—	—	—	—	
Machinery, including electrical.....	33	26	7	—	—	7	—	
Transportation equipment.....	—	—	—	—	—	—	—	
Other durable goods.....	21	—	—	—	—	—	—	
Nondurable goods.....	16	16	—	—	—	—	—	
Food and kindred products.....	6	6	—	—	—	—	—	
Not specified manufacturing industries.....	13	7	6	—	—	6	—	
Nonmanufacturing industries.....	276	175	89	32	5	52	12	
Railroads and railway express service.....	34	34	—	—	—	—	—	
Transportation, except railroads.....	11	11	—	—	—	—	—	
Communications, and utilities and sanitary services.....	55	17	31	—	—	31	7	
Wholesale and retail trade.....	64	59	—	—	—	—	5	
All other industries.....	112	54	58	32	5	21	—	
Farmers and farm managers.....	40	—	4	4	—	—	36	
Farm laborers and farm foremen.....	69	69	—	—	—	—	—	
Paid farm laborers and farm foremen.....	69	69	—	—	—	—	—	
Unpaid family workers.....	—	—	—	—	—	—	—	
Service workers, except private household ¹	3 956	2 620	1 251	123	614	514	85	
Cleaning service workers.....	2 288	1 416	827	72	320	435	45	
Food service workers.....	549	484	61	14	47	—	4	
Cooks, except private household.....	223	204	19	4	15	—	—	
Busboys and dishwashers.....	156	152	4	—	4	—	—	
Health service workers.....	137	74	63	—	63	—	—	
Personal service workers.....	169	116	17	3	14	—	36	
Protective service workers.....	221	97	124	23	45	56	—	
Firemen, fire protection.....	16	—	16	5	—	11	—	
Guards and watchmen.....	144	93	51	18	21	12	—	
Policemen and detectives.....	46	4	42	—	14	28	—	
Private household workers.....	88	88	—	—	—	—	—	

¹Includes allocated cases not shown separately.

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

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

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

COLUMBUS SMSA—Continued

Negro—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Female, 16 years old and over	18 293	11 988	6 056	1 598	2 752	1 706	228	21
Professional, technical, and kindred workers	2 040	727	1 296	136	439	721	17	—
Accountants	37	28	9	9	—	—	—	—
Computer specialists	24	10	14	4	6	4	—	—
Librarians	31	2	29	—	10	19	—	—
Mathematical specialists	—	—	—	—	—	—	—	—
Life and physical scientists	10	5	5	—	5	—	—	—
Registered nurses, dietitians, and therapists	440	285	145	4	117	24	10	—
Dietitians	135	92	43	4	34	5	—	—
Registered nurses	257	169	83	—	64	19	5	—
Health technologists and technicians	117	53	64	—	64	—	—	—
Social scientists	—	—	—	—	—	—	—	—
Social and recreation workers	184	52	132	25	62	45	—	—
Teachers: College and university	62	9	53	—	45	8	—	—
Elementary and prekindergarten	510	80	430	8	24	398	—	—
Secondary	97	21	76	6	5	65	—	—
Other teachers	22	9	10	—	7	3	3	—
Engineering and science technicians	19	11	8	—	8	—	—	—
Technicians, except health, and engineering and science	12	—	12	12	—	—	—	—
Writers, artists, and entertainers	43	39	4	—	4	—	—	—
Actors and dancers	—	—	—	—	—	—	—	—
Authors, editors, and reporters	15	15	—	—	—	—	—	—
Other professional, technical, and kindred workers	432	123	305	68	82	155	4	—
Managers and administrators, except farm	466	134	290	176	67	47	37	5
Buyers, purchasing agents, and sales managers	67	9	58	58	—	—	—	—
Restaurant, cafeteria, and bar managers	50	34	—	—	—	—	11	5
School administrators	31	—	31	—	18	13	—	—
Other specified managers and administrators	200	27	153	110	37	6	20	—
Managers and administrators, n.e.c., salaried	112	64	48	8	12	28	—	—
Wholesale and retail trade	7	5	2	2	—	—	—	—
Managers and administrators, n.e.c., self-employed	6	—	—	—	—	—	6	—
Wholesale and retail trade	6	—	—	—	—	—	6	—
Sales workers	390	337	13	13	—	—	35	5
Demonstrators, hucksters, and peddlers	23	18	—	—	—	—	5	—
Insurance, real estate agents, and brokers	20	14	—	—	—	—	6	—
Sales clerks, retail trade	270	239	8	8	—	—	18	5
Salesmen, retail trade	2	2	—	—	—	—	—	—
Other sales workers	75	64	5	5	—	—	6	—
Clerical and kindred workers	5 522	2 782	2 735	1 112	996	627	5	—
Bank tellers	71	60	11	—	5	6	—	—
Bookkeepers	164	122	42	11	16	15	—	—
Cashiers	255	235	20	10	6	4	—	—
Counter clerks, except food	69	64	5	—	5	—	—	—
Enumerators and interviewers	11	5	6	6	—	—	—	—
File clerks	234	118	116	44	52	20	—	—
Office machine operators	446	221	225	89	107	29	—	—
Bookkeeping and billing machine operators	24	18	6	—	6	—	—	—
Keypunch operators	361	170	191	77	89	25	—	—
Payroll and timekeeping clerks	48	12	36	5	27	4	—	—
Receptionists	86	54	32	14	11	7	—	—
Secretaries	618	356	262	108	87	67	—	—
Stenographers	54	11	43	19	19	5	—	—
Telephone operators	252	231	21	—	14	7	—	—
Typists	849	320	529	154	266	109	—	—
Other clerical and kindred workers	2 365	973	1 387	652	381	354	5	—
Craftsmen and kindred workers	356	276	57	21	25	11	23	—
Foremen, n.e.c.	33	33	—	—	—	—	—	—
Operatives, except transport	2 318	2 318	102	39	36	27	—	—
Assemblers	308	289	19	11	8	—	—	—
Bottling and canning operatives	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing	204	204	—	—	—	—	—	—
Dressmakers and seamstresses, except factory	33	33	—	—	—	—	—	—
Laundry and drycleaning operatives, including ironers	318	305	13	—	9	4	—	—
Graders and sorters, manufacturing	13	13	—	—	—	—	—	—
Packers and wrappers, except produce	136	126	10	10	—	—	—	—
Sewers and stitchers	150	142	8	4	4	—	—	—
Textile operatives	—	—	—	—	—	—	—	—
Other specified operatives	574	555	19	9	6	4	—	—
Miscellaneous and not specified operatives	582	549	33	5	9	19	—	—
Manufacturing	504	488	16	5	—	11	—	—
Durable goods	478	462	16	5	—	11	—	—
Machinery, including electrical	415	399	16	5	—	11	—	—
Other durable goods	63	63	—	—	—	—	—	—
Nondurable goods, including not specified manufacturing	26	26	—	—	—	—	—	—
Food and kindred products	6	6	—	—	—	—	—	—
Apparel and other fabricated textile products	14	14	—	—	—	—	—	—
Nonmanufacturing industries	78	61	17	—	9	8	—	—
Transport equipment operatives	46	22	24	—	5	19	—	—
Laborers, except farm	166	144	22	13	6	3	—	—
Farmers and farm managers	17	—	—	—	—	—	17	—
Farm laborers and farm foremen	38	38	—	—	—	—	—	—
Paid farm laborers and farm foremen	38	38	—	—	—	—	—	—
Unpaid family workers	—	—	—	—	—	—	—	—
Service workers, except private household¹	5 099	3 477	1 517	88	1 178	251	94	11
Cleaning service workers	1 068	808	260	15	196	49	—	—
Chambermaids and maids	436	347	89	—	77	12	—	—
Food service workers	1 366	982	375	17	302	56	9	—
Cooks, except private household	658	487	166	8	126	32	5	—
Waiters and food counter workers	375	278	97	—	82	6	—	—
Health service workers	1 483	945	533	25	435	73	—	5
Nursing aides, orderlies, and attendants	1 111	719	392	20	321	51	—	—
Practical nurses	205	146	54	5	33	16	—	5
Personal service workers	589	288	228	27	143	58	67	6
Hairdressers and cosmetologists	219	132	14	9	5	—	67	6
Private household workers	1 835	1 835	—	—	—	—	—	—
Private household workers, living in	24	—	—	—	—	—	—	—
Private household workers, living out	1 811	1 811	—	—	—	—	—	—

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

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

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

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

DAYTON SMSA

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Total								
Male, 16 years old and over	209 610	167 969	28 182	15 976	2 607	9 599	13 185	274
Professional, technical, and kindred workers	32 844	19 890	10 281	6 377	916	2 988	2 659	14
Accountants	2 189	1 615	353	250	35	68	217	4
Architects	178	95	14	9	—	5	69	—
Computer specialists	1 870	1 027	843	821	10	12	—	—
Engineers	8 375	5 240	2 982	2 805	33	144	153	—
Aeronautical and astronautical	637	99	538	538	—	—	—	—
Civil	473	197	255	132	18	105	21	—
Electrical and electronic	1 818	1 028	785	779	6	—	5	—
Mechanical	1 426	1 093	327	327	—	—	6	—
Other engineers	4 021	2 823	1 077	1 029	9	39	121	—
Lawyers and judges	832	158	142	65	5	72	532	—
Life and physical scientists	855	580	270	233	27	10	5	—
Chemists	588	469	119	104	10	5	—	—
Physicians, dentists, and related practitioners	1 751	661	83	77	6	—	1 007	—
Dentists	245	23	15	15	—	—	207	—
Pharmacists	378	312	4	4	—	—	62	—
Physicians, medical and osteopathic	899	289	58	52	6	—	552	—
Other related practitioners	229	37	6	6	—	—	186	—
Health technologists and technicians	268	182	67	30	14	23	19	—
Religious workers	998	745	17	—	17	—	144	—

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**

DAYTON SMSA—Continued

Total—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Operatives, except transport	44 179	42 550	1 149	700	118	331	458	22
Assemblers	7 166	7 065	87	29	18	40	14	—
Checkers, examiners, and inspectors; manufacturing	4 102	4 042	45	30	—	15	10	5
Garage workers and gas station attendants	1 570	1 459	30	12	—	18	81	—
Laundry and drycleaning operatives, n.e.c.	217	162	31	17	9	5	24	—
Meat cutters and butchers	961	861	41	37	4	—	56	3
Mine operatives, n.e.c.	82	78	4	—	—	4	—	—
Packers and wrappers, except produce	1 285	1 179	106	100	—	6	—	—
Painters, manufactured articles	628	608	11	6	5	—	9	—
Precision machine operatives	5 156	5 074	24	19	—	5	58	—
Sawyers	220	214	6	—	6	—	—	—
Stationary firemen	284	196	88	45	14	29	—	—
Textile operatives	141	134	7	7	—	—	—	—
Welders and flamecutters	2 271	2 204	58	26	19	13	9	—
Other metalworking operatives	3 331	3 294	20	14	—	6	11	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**

DAYTON 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	122 688	94 073	24 199	8 139	3 522	12 538	3 610	806
Professional, technical, and kindred workers	18 712	8 440	9 598	1 376	1 165	7 057	646	28
Accountants	649	453	149	77	6	66	47	—
Computer specialists	472	213	259	247	—	12	—	—
Librarians	436	122	314	48	48	218	—	—
Mathematical specialists	38	13	25	25	—	—	—	—
Life and physical scientists	95	70	19	10	4	5	6	—
Registered nurses, dietitians, and therapists	3 629	2 824	747	227	156	364	47	11
Dietitians	257	171	86	20	11	55	—	—
Registered nurses	3 156	2 523	581	207	113	261	41	11
Health technologists and technicians	700	593	107	82	6	19	—	—
Social scientists	67	15	52	32	5	15	—	—
Social and recreation workers	517	136	381	42	63	276	—	—
Teachers: College and university	344	213	131	—	91	40	—	—
Elementary and prekindergarten	5 842	1 283	4 526	48	411	4 067	33	—
Secondary	1 914	423	1 491	—	165	1 326	—	—
Other teachers	598	234	66	13	11	42	292	6
Engineering and science technicians	266	217	49	38	11	—	—	—
Technicians, except health, and engineering and science	98	17	81	15	—	66	—	—
Writers, artists, and entertainers	960	670	164	115	5	44	121	5
Actors and dancers	61	61	—	—	—	—	—	—
Authors, editors, and reporters	293	192	84	72	—	12	17	—
Other professional, technical, and kindred workers	2 087	944	1 037	357	183	497	100	6
Managers and administrators, except farm	3 842	2 630	719	407	86	226	421	72
Buyers, purchasing agents, and sales managers	870	719	119	98	4	17	27	5
Restaurant, cafeteria, and bar managers	505	301	39	10	5	24	134	31
School administrators	165	63	96	—	32	64	6	—
Other specified managers and administrators	790	343	390	288	26	76	57	—
Managers and administrators, n.e.c., salaried	1 279	1 204	75	11	19	45	—	—
Wholesale and retail trade	399	393	6	6	—	—	—	—
Managers and administrators, n.e.c., self-employed	233	—	—	—	—	—	197	36
Wholesale and retail trade	142	—	—	—	—	—	120	22
Sales workers	10 189	9 379	153	91	5	57	572	85
Demonstrators, hucksters, and peddlers	626	518	4	—	—	4	104	—
Insurance, real estate agents, and brokers	572	493	5	—	—	5	69	5
Sales clerks, retail trade	7 026	6 700	61	51	5	5	190	75
Salesmen, retail trade	219	208	—	—	—	—	11	—
Other sales workers	1 746	1 460	83	40	—	43	198	5
Clerical and kindred workers	45 372	35 396	9 204	5 227	1 104	2 873	389	383
Bank tellers	757	724	33	18	6	9	—	—
Bookkeepers	4 916	4 181	515	263	55	197	107	113
Cashiers	3 897	3 587	238	66	64	108	62	10
Counter clerks, except food	967	919	26	19	—	—	12	10
Enumerators and interviewers	111	25	86	73	—	13	—	—
File clerks	1 213	929	281	183	35	63	3	—
Office machine operators	2 024	1 723	301	252	17	32	—	—
Bookkeeping and billing machine operators	232	16	10	—	—	6	—	—
Keypunch operators	1 084	558	126	116	10	—	—	—
Payroll and timekeeping clerks	671	593	78	43	10	25	—	—
Receptionists	1 329	1 176	107	37	12	58	8	38
Secretaries	11 640	8 883	2 588	1 439	364	785	52	137
Stenographers	464	261	199	156	11	32	4	—
Telephone operators	1 569	1 429	132	62	28	42	5	3
Typists	4 586	3 155	1 401	717	237	447	22	8
Other clerical and kindred workers	11 228	7 831	3 219	1 899	258	1 062	114	64
Craftsmen and kindred workers	2 526	2 212	166	84	27	55	123	25
Foremen, n.e.c.	497	445	48	28	10	10	4	—
Operatives, except transport	15 367	14 741	367	153	68	146	227	32
Assemblers	3 408	3 360	48	14	10	24	—	—
Bottling and canning operatives	10	—	—	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing	1 545	1 534	11	11	—	—	—	—
Dressmakers and seamstresses, except factory	418	304	9	—	9	—	105	—
Laundry and drycleaning operatives, including ironers	878	823	43	5	23	15	12	—
Graders and sorters, manufacturing	25	25	—	—	—	—	—	—
Packers and wrappers, except produce	1 287	1 243	34	16	—	18	10	—
Sewers and stitchers	550	508	17	6	5	6	25	—
Textile operatives	118	112	6	—	—	6	—	—
Other specified operatives	3 571	3 449	81	27	12	42	32	9
Miscellaneous and not specified operatives	3 557	3 373	118	74	9	35	43	23
Manufacturing	3 292	3 207	66	38	5	23	19	—
Durable goods	1 438	1 381	44	29	5	10	13	—
Machinery, including electrical	892	872	15	5	5	5	5	—
Other durable goods	546	509	29	24	—	5	8	—
Nondurable goods, including not specified manufacturing	1 854	1 826	22	9	—	13	6	—
Food and kindred products	142	137	5	5	—	—	—	—
Apparel and other fabricated textile products	47	47	—	—	—	—	—	—
Nonmanufacturing industries	265	166	52	36	4	12	24	23
Transport equipment operatives	951	483	445	20	72	353	23	—
Laborers, except farm	1 013	887	89	70	—	19	23	14
Farmers and farm managers	156	13	—	—	—	—	143	—
Farm laborers and farm foremen	278	192	—	—	—	—	—	86
Paid farm laborers and farm foremen	192	192	—	—	—	—	—	—
Unpaid family workers	86	—	—	—	—	—	—	86
Service workers, except private household¹	20 959	16 405	3 438	703	995	1 740	1 035	81
Cleaning service workers	2 091	1 754	303	109	102	92	34	—
Chambermaids and maids	656	615	41	—	33	8	—	—
Food service workers	9 062	7 395	1 544	212	335	997	91	32
Cooks, except private household	2 492	1 686	762	70	190	502	23	21
Waiters and food counter workers	4 518	4 213	230	60	36	134	64	11
Health service workers	4 149	3 298	797	232	223	242	43	11
Nursing aides, orderlies, and attendants	2 083	1 468	607	167	268	172	8	—
Practical nurses	947	772	129	44	33	52	35	11
Personal service workers	3 170	2 041	299	40	123	136	817	13
Hairdressers and cosmetologists	2 055	1 333	9	—	9	—	709	4
Private household workers	3 323	3 295	20	8	—	12	8	—
Private household workers, living in	198	198	—	—	—	—	—	—
Private household workers, living out	3 125	3 097	20	8	—	12	8	—

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

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

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

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

DAYTON SMSA—Continued

Negro

Male, 16 years old and over

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Male, 16 years old and over	18 640	13 708	4 356	2 784	490	1 082	571	5
Professional, technical, and kindred workers	1 577	656	836	525	111	200	85	—
Accountants	55	15	31	28	—	3	9	—
Architects	5	—	5	5	—	—	—	—
Computer specialists	83	20	63	58	5	—	—	—
Engineers	174	38	136	136	—	—	—	—
Aeronautical and astronautical	24	—	24	24	—	—	—	—
Civil	9	—	9	9	—	—	—	—
Electrical and electronic	43	12	31	31	—	—	—	—
Mechanical	35	9	26	26	—	—	—	—
Other engineers	63	17	46	46	—	—	—	—
Lawyers and judges	26	—	11	6	—	5	15	—
Life and physical scientists	55	28	27	27	—	—	—	—
Chemists	44	28	16	16	—	—	—	—
Physicians, dentists, and related practitioners	50	8	15	15	—	—	27	—
Dentists	—	—	—	—	—	—	—	—
Pharmacists	13	—	4	4	—	—	9	—
Physicians, medical and osteopathic	31	8	5	5	—	—	18	—
Other related practitioners	6	—	6	6	—	—	—	—
Health technologists and technicians	30	4	26	19	—	7	—	—
Religious workers	40	34	—	—	—	—	6	—
Social scientists	9	—	9	9	—	—	—	—
Social and recreation workers	55	27	28	9	6	13	—	—
Teachers	282	51	231	20	82	129	—	—
College and university	81	20	61	—	61	—	—	—
Elementary and prekindergarten	90	5	85	15	11	59	—	—
Secondary	94	22	72	—	10	62	—	—
Engineering and science technicians	157	125	32	28	—	4	—	—
Draftsmen and surveyors	93	86	7	3	—	4	—	—
Electrical and electronic engineering technicians	20	5	15	15	—	—	—	—
Technicians, except health, and engineering and science	16	—	16	16	—	—	—	—
Airplane pilots	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	87	34	34	24	—	10	19	—
Other professional, technical, and kindred workers	453	272	172	125	18	29	9	—
Managers and administrators, except farm	506	186	217	120	36	61	103	—
Buyers, purchasing agents, and sales managers	51	33	18	11	7	—	—	—
School administrators	41	11	30	—	14	16	—	—
Specified managers and administrators, public administration	124	—	124	85	6	33	—	—
Other specified managers and administrators	94	30	25	20	5	—	39	—
Managers and administrators, n.e.c., salaried	132	112	20	4	4	12	—	—
Manufacturing	15	15	—	—	—	—	—	—
Wholesale and retail trade	46	46	—	—	—	—	—	—
Transportation, communications and other public utilities	—	—	—	—	—	—	—	—
All other industries	71	51	20	4	4	12	—	—
Managers and administrators, n.e.c., self-employed	64	—	—	—	—	—	64	—
Construction	20	—	—	—	—	—	20	—
Manufacturing	—	—	—	—	—	—	—	—
Wholesale and retail trade	26	—	—	—	—	—	26	—
All other industries	18	—	—	—	—	—	18	—
Sales workers	316	291	4	—	—	4	21	—
Insurance agents, brokers, and underwriters	33	33	—	—	—	—	—	—
Real estate agents and brokers	14	14	—	—	—	—	—	—
Sales representatives, manufacturing industries	—	—	—	—	—	—	—	—
Sales representatives, wholesale trade	45	40	—	—	—	—	5	—
Sales clerks, retail trade	89	85	4	—	—	4	—	—
Salesmen, retail trade	39	32	—	—	—	—	7	—
Salesmen of services and construction	3	3	—	—	—	—	—	—
Other sales workers	93	84	—	—	—	—	9	—
Clerical and kindred workers	1 768	959	800	736	20	44	4	5
Bank tellers and cashiers	31	26	—	—	—	—	—	5
Bookkeepers and billing clerks	28	23	5	5	—	—	—	—
Mail handlers and postal clerks	343	16	327	321	—	6	—	—
Other clerical and kindred workers	1 366	894	468	410	20	38	4	—
Craftsmen and kindred workers	2 883	2 222	487	351	93	43	174	—
Apparel craftsmen and upholsterers	26	9	—	—	—	—	17	—
Bakers	45	40	5	5	—	—	—	—
Cabinetmakers	—	—	—	—	—	—	—	—
Construction craftsmen	464	303	101	49	22	30	60	—
Carpenters	65	30	25	20	5	—	10	—
Excavating, grading, and road machine operators	40	23	17	—	—	17	—	—
Electricians	65	49	16	9	—	7	—	—
Masons and tile setters	100	87	—	—	—	—	13	—
Painters, construction and maintenance, and paperhangers	45	25	13	6	7	—	7	—
Plasterers and cement finishers	104	74	16	10	—	6	14	—
Plumbers and pipe fitters	45	15	14	4	10	—	16	—
Other construction craftsmen	—	—	—	—	—	—	—	—
Foremen, n.e.c.	306	237	69	69	—	—	—	—
Manufacturing	198	186	12	12	—	—	—	—
Nonmanufacturing industries	108	51	57	57	—	—	—	—
Linemen and servicemen, telephone and power	47	47	—	—	—	—	—	—
Locomotive engineers and firemen	—	—	—	—	—	—	—	—
Mechanics and repairmen	512	365	124	115	6	3	23	—
Air conditioning, heating, and refrigeration	46	37	9	6	—	3	—	—
Aircraft	35	—	35	35	—	—	—	—
Automobile, including body	225	188	20	20	—	—	17	—
Radio and television	18	5	13	13	—	—	—	—
Other mechanics and repairmen	188	135	47	41	6	—	6	—
Metal craftsmen, except mechanics	365	348	17	11	6	—	—	—
Machinists and job and die setters	156	143	13	7	6	—	—	—
Sheetmetal workers and tinsmiths	26	—	—	—	—	—	—	—
Tool and die makers	7	7	—	—	—	—	—	—
Other metal craftsmen	176	172	4	4	—	—	—	—
Printing craftsmen	116	96	20	8	12	—	—	—
Compositors and typesetters	32	32	—	—	—	—	—	—
Pressmen and plate printers, printing	44	36	8	—	8	—	—	—
Stationary engineers and power station operators	53	28	25	25	—	—	—	—
Other craftsmen and kindred workers	949	749	126	69	47	10	74	—

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

DAYTON SMSA—Continued

Negro—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Operatives, except transport	5 759	5 288	443	315	35	93	28	—
Assemblers	998	954	39	15	12	12	5	—
Checkers, examiners, and inspectors; manufacturing	433	418	11	5	—	6	4	—
Garage workers and gas station attendants	79	73	6	6	—	—	—	—
Laundry and drycleaning operatives, n.e.c.	33	33	—	—	—	—	—	—
Meat cutters and butchers	68	56	12	12	—	—	—	—
Mine operatives, n.e.c.	—	—	—	—	—	—	—	—
Packers and wrappers, except produce	203	147	56	56	—	—	—	—
Painters, manufactured articles	52	47	5	—	5	—	—	—
Precision machine operatives	264	264	—	—	—	—	—	—
Sawyers	10	10	—	—	—	—	—	—
Stationary firemen	29	9	20	20	—	—	—	—
Textile operatives	19	19	—	—	—	—	—	—
Welders and flamecutters	156	134	22	8	9	5	—	—
Other metalworking operatives	386	372	14	14	—	—	—	—
Other specified operatives	1 538	1 357	175	114	9	52	6	—
Miscellaneous and not specified operatives	1 491	1 395	83	65	—	18	13	—
Occupation:								
Machine operatives, miscellaneous specified	574	554	12	12	—	—	8	—
Machine operatives, not specified	486	468	18	6	—	12	—	—
Miscellaneous operatives	258	216	42	42	—	—	—	—
Not specified operatives	173	157	11	5	—	6	5	—
Industry:								
Manufacturing	1 366	1 329	32	14	—	18	5	—
Durable goods	932	909	18	5	—	13	5	—
Wood products, including furniture	6	6	—	—	—	—	—	—
Primary metal industries	155	155	—	—	—	—	—	—
Fabricated metal industries	26	26	—	—	—	—	—	—
Machinery, including electrical	470	460	5	5	—	—	5	—
Motor vehicles and equipment	247	234	13	—	—	13	—	—
Transportation equipment, except motor vehicles	5	5	—	—	—	—	—	—
Other durable goods	23	23	—	—	—	—	—	—
Nondurable goods	417	403	14	9	—	5	—	—
Food and kindred products	21	21	—	—	—	—	—	—
Apparel and other fabricated textile products	—	—	—	—	—	—	—	—
Paper and allied products	57	52	5	5	—	—	—	—
Chemicals and allied products	22	22	—	—	—	—	—	—
Other nondurable goods	317	308	9	4	—	5	—	—
Not specified manufacturing industries	17	17	—	—	—	—	—	—
Nonmanufacturing industries	125	66	51	51	—	—	8	—
Transportation, communications, and other public utilities	14	14	—	—	—	—	—	—
Wholesale and retail trade	60	52	—	—	—	—	8	—
All other industries	51	—	51	51	—	—	—	—
Transport equipment operatives	1 371	990	355	222	17	116	26	—
Bus drivers	63	39	24	12	—	12	—	—
Taxicab drivers and chauffeurs	33	27	6	6	—	—	—	—
Truck drivers and deliverymen	750	561	170	89	17	64	19	—
Other transport equipment operatives	525	363	155	115	—	40	7	—
Laborers, except farm	1 683	1 343	313	167	16	130	27	—
Construction laborers	217	190	27	11	—	16	—	—
Freight, stock, and material handlers	677	472	205	115	—	90	—	—
Other specified laborers	484	414	43	35	8	—	27	—
Miscellaneous and not specified laborers	305	267	38	6	8	24	—	—
Occupation:								
Miscellaneous laborers	124	106	18	—	—	18	—	—
Not specified laborers	181	161	20	6	8	6	—	—
Industry:								
Manufacturing	208	208	—	—	—	—	—	—
Durable goods	179	179	—	—	—	—	—	—
Wood products, including furniture	—	—	—	—	—	—	—	—
Metal industries	118	118	—	—	—	—	—	—
Machinery, including electrical	48	48	—	—	—	—	—	—
Transportation equipment	13	13	—	—	—	—	—	—
Other durable goods	—	—	—	—	—	—	—	—
Nondurable goods	29	29	—	—	—	—	—	—
Food and kindred products	14	14	—	—	—	—	—	—
Not specified manufacturing industries	—	—	—	—	—	—	—	—
Nonmanufacturing industries	97	59	38	6	8	24	—	—
Railroads and railway express service	17	17	—	—	—	—	—	—
Transportation, except railroads	—	—	—	—	—	—	—	—
Communications, and utilities and sanitary services	27	10	17	—	—	17	—	—
Wholesale and retail trade	32	23	9	—	8	1	—	—
All other industries	21	9	12	6	—	6	—	—
Farmers and farm managers	31	—	—	—	—	—	31	—
Farm laborers and farm foremen	47	47	—	—	—	—	—	—
Paid farm laborers and farm foremen	47	47	—	—	—	—	—	—
Unpaid family workers	—	—	—	—	—	—	—	—
Service workers, except private household¹	2 652	1 679	901	348	162	391	72	—
Cleaning service workers	1 329	914	394	160	58	176	21	—
Food service workers	387	269	114	54	42	18	4	—
Cooks, except private household	100	72	28	20	8	—	—	—
Busboys and dishwashers	100	71	29	—	18	11	—	—
Health service workers	93	51	42	42	—	—	—	—
Personal service workers	154	93	38	13	13	12	23	—
Protective service workers	161	67	94	39	4	51	—	—
Firemen, fire protection	9	—	9	9	—	—	—	—
Guards and watchmen	104	60	44	26	—	18	—	—
Policemen and detectives	43	7	36	4	4	28	—	—
Private household workers	47	47	—	—	—	—	—	—

¹Includes allocated cases not shown separately.

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

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

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

DAYTON SMSA—Continued

Negro—Continued

Female, 16 years old and over

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Female, 16 years old and over	16 109	10 642	5 186	2 442	1 032	1 712	274	7
Professional, technical, and kindred workers	2 173	584	1 564	402	267	895	25	
Accountants	42	17	20	14	6	—	—	5
Computer specialists	54	10	44	44	—	—	—	—
Librarians	58	3	55	18	15	22	—	—
Mathematical specialists	7	—	7	7	—	—	—	—
Life and physical scientists	10	5	5	5	—	—	—	—
Registered nurses, dietitians, and therapists	318	176	142	106	3	33	—	—
Dietitians	79	39	40	20	—	20	—	—
Registered nurses	207	108	99	86	—	13	—	—
Health technologists and technicians	95	37	58	58	—	—	—	—
Social scientists	—	—	—	—	—	—	—	—
Social and recreation workers	165	45	120	19	25	76	—	—
Teachers:								
College and university	43	14	29	—	19	10	—	—
Elementary and prekindergarten	628	83	541	12	75	454	4	—
Secondary	238	34	204	—	49	155	—	—
Other teachers	18	5	6	—	6	—	7	—
Engineering and science technicians	7	—	7	7	—	—	—	—
Technicians, except health, and engineering and science	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	70	49	21	10	—	11	—	—
Actors and dancers	—	—	—	—	—	—	—	—
Authors, editors, and reporters	20	3	17	10	—	7	—	—
Other professional, technical, and kindred workers	420	106	305	102	69	134	9	—
Managers and administrators, except farm	273	83	167	76	32	59	23	
Buyers, purchasing agents, and sales managers	26	10	16	5	4	—	—	—
Restaurant, cafeteria, and bar managers	28	22	—	—	—	—	6	—
School administrators	54	9	39	—	14	25	6	—
Other specified managers and administrators	109	16	87	71	—	16	6	—
Managers and administrators, n.e.c., salaried	51	26	25	—	14	11	—	—
Wholesale and retail trade	—	—	—	—	—	—	5	—
Managers and administrators, n.e.c., self-employed	5	—	—	—	—	—	5	—
Wholesale and retail trade	—	—	—	—	—	—	—	—
Sales workers	533	476	20	20			37	
Demonstrators, hucksters, and peddlers	9	—	—	—	—	—	—	—
Insurance, real estate agents, and brokers	23	17	—	—	—	—	6	—
Sales clerks, retail trade	275	275	—	—	—	—	—	—
Salesmen, retail trade	15	15	—	—	—	—	—	—
Other sales workers	211	160	20	20	—	—	31	—
Clerical and kindred workers	4 609	2 539	2 056	1 351	325	380	14	
Bank tellers	20	16	4	—	—	4	—	—
Bookkeepers	139	66	73	42	27	4	—	—
Cashiers	341	288	47	16	31	—	6	—
Counter clerks, except food	107	100	7	—	7	—	—	—
Enumerators and interviewers	13	5	8	—	—	8	—	—
File clerks	178	103	72	54	12	6	3	—
Office machine operators	252	177	75	75	—	—	—	—
Bookkeeping and billing machine operators	13	7	6	6	—	—	—	—
Key punch operators	181	126	55	55	—	—	—	—
Payroll and timekeeping clerks	32	17	15	—	—	—	—	—
Receptionists	87	52	35	18	4	13	—	—
Secretaries	526	221	300	205	37	58	5	—
Stenographers	29	15	14	9	5	—	—	—
Telephone operators	177	169	8	—	—	—	—	—
Typists	592	192	400	257	72	71	—	—
Other clerical and kindred workers	2 116	1 118	998	652	130	216	—	—
Craftsman and kindred workers	239	188	35	20		15	16	
Foremen, n.e.c.	35	21	14	4	—	10	—	—
Operatives, except transport	1 943	1 810	120	60	33	27	6	7
Assemblers	372	357	15	9	—	6	—	—
Bottling and canning operatives	5	—	—	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing	117	117	—	—	—	—	—	—
Dressmakers and seamstresses, except factory	34	23	5	—	5	—	6	—
Laundry and drycleaning operatives, including ironers	246	230	16	—	16	—	—	—
Graders and sorters, manufacturing	—	—	—	—	—	—	—	—
Packers and wrappers, except produce	105	82	23	16	—	7	—	—
Sewers and stitchers	27	21	6	—	—	6	—	—
Textile operatives	—	—	—	—	—	—	—	—
Other specified operatives	618	584	34	14	12	8	—	—
Miscellaneous and not specified operatives	419	391	21	21	—	—	—	7
Manufacturing	366	366						
Durable goods	197	197	—	—	—	—	—	—
Machinery, including electrical	151	151	—	—	—	—	—	—
Other durable goods	46	46	—	—	—	—	—	—
Nondurable goods, including not specified manufacturing	169	169	—	—	—	—	—	—
Food and kindred products	9	9	—	—	—	—	—	—
Apparel and other fabricated textile products	29	29	—	—	—	—	—	—
Nonmanufacturing industries	53	25	21	21	—	—	—	7
Transport equipment operatives	89	59	30	6		24		
Laborers, except farm	168	112	56	52		4		
Farmers and farm managers	47	7					40	
Farm laborers and farm foremen	116	116						
Paid farm laborers and farm foremen	116	116	—	—	—	—	—	—
Unpaid family workers	—	—	—	—	—	—	—	—
Service workers, except private household¹	4 083	2 856	1 118	447	375	296	109	
Cleaning service workers	719	603	112	56	28	28	4	—
Chambermaids and maids	133	125	8	—	4	—	—	—
Food service workers	933	712	213	92	67	54	8	—
Cooks, except private household	352	257	95	33	25	37	—	—
Waiters and food counter workers	251	203	44	20	24	—	4	—
Health service workers	1 024	609	405	173	159	73	10	—
Nursing aides, orderlies, and attendants	642	333	304	129	129	46	5	—
Practical nurses	250	166	79	35	24	20	5	—
Personal service workers	399	215	116	32	38	46	68	—
Hairdressers and cosmetologists	162	94	—	—	—	—	68	—
Private household workers	1 836	1 812	20	8		12	4	
Private household workers, living in	43	43	—	—	—	—	—	—
Private household workers, living out	1 793	1 769	20	8	—	12	4	—

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

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

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

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

HUNTINGTON-ASHLAND, W. VA.-KY.-OHIO, SMSA

Total

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Male, 16 years old and over	55 719	46 258	5 718	1 943	1 628	2 147	3 661	82
Professional, technical, and kindred workers	6 238	3 884	1 738	612	622	504	616	—
Accountants	540	404	98	80	6	12	38	—
Architects	16	16	—	—	—	—	—	—
Computer specialists	153	148	5	5	—	—	—	—
Engineers	1 083	784	271	234	21	16	28	—
Aeronautical and astronautical	—	—	—	—	—	—	—	—
Civil	383	134	237	211	15	11	12	—
Electrical and electronic	160	160	—	—	—	—	—	—
Mechanical	121	103	18	13	—	5	—	—
Other engineers	419	387	16	10	6	—	16	—
Lawyers and judges	243	88	38	22	5	11	117	—
Life and physical scientists	316	285	31	21	—	10	—	—
Chemists	279	269	10	—	—	10	—	—
Physicians, dentists, and related practitioners	481	169	14	10	4	—	298	—
Dentists	91	11	—	—	—	—	80	—
Pharmacists	141	98	—	—	—	—	43	—
Physicians, medical and osteopathic	200	60	14	10	4	—	126	—
Other related practitioners	49	—	—	—	—	—	49	—
Health technologists and technicians	88	66	22	9	8	5	—	—
Religious workers	293	243	—	—	—	—	50	—
Social scientists	32	23	4	4	—	—	5	—
Social and recreation workers	126	29	97	18	52	27	—	—
Teachers	928	168	749	26	362	361	11	—
College and university	350	63	287	11	276	—	—	—
Elementary and prekindergarten	202	27	175	10	38	127	—	—
Secondary	312	39	273	5	38	230	—	—
Engineering and science technicians	764	626	133	86	22	25	5	—
Draftsmen and surveyors	251	170	76	56	6	14	5	—
Electrical and electronic engineering technicians	150	121	29	19	10	—	—	—
Technicians, except health, and engineering and science	146	74	65	48	17	—	7	—
Airplane pilots	22	17	5	5	—	—	—	—
Writers, artists, and entertainers	327	259	47	5	30	12	21	—
Other professional, technical, and kindred workers	702	502	164	44	95	25	36	—
Managers and administrators, except farm	5 645	4 129	569	229	158	182	929	18
Buyers, purchasing agents, and sales managers	631	584	—	—	—	—	47	—
School administrators	129	48	81	—	12	69	—	—
Specified managers and administrators, public administration	242	—	242	147	50	45	—	—
Other specified managers and administrators	1 117	882	84	32	33	19	146	5
Managers and administrators, n.e.c., salaried	2 777	2 615	162	50	63	49	—	—
Manufacturing	623	623	—	—	—	—	—	—
Wholesale and retail trade	992	992	—	—	—	—	—	—
Transportation, communications and other public utilities	402	375	27	—	8	19	—	—
All other industries	760	625	135	50	55	30	—	—
Managers and administrators, n.e.c., self-employed	749	—	—	—	—	—	736	13
Construction	179	—	—	—	—	—	179	—
Manufacturing	32	—	—	—	—	—	32	—
Wholesale and retail trade	430	—	—	—	—	—	417	13
All other industries	108	—	—	—	—	—	108	—
Sales workers	3 685	3 350	17	6	5	6	311	7
Insurance agents, brokers, and underwriters	535	505	—	—	—	—	30	—
Real estate agents and brokers	121	85	—	—	—	—	36	—
Sales representatives, manufacturing industries	399	385	—	—	—	—	14	—
Sales representatives, wholesale trade	689	647	—	—	—	—	42	—
Sales clerks, retail trade	755	660	17	6	5	6	71	7
Salesmen, retail trade	606	554	—	—	—	—	52	—
Salesmen of services and construction	147	141	—	—	—	—	6	—
Other sales workers	433	373	—	—	—	—	60	—
Clerical and kindred workers	3 851	2 982	830	648	137	45	39	—
Bank tellers and cashiers	200	168	27	6	21	—	5	—
Bookkeepers and billing clerks	271	235	29	11	14	4	7	—
Mail handlers and postal clerks	471	37	434	434	—	—	—	—
Other clerical and kindred workers	2 909	2 542	340	197	102	41	27	—
Craftsmen and kindred workers	13 913	12 539	468	122	155	191	902	4
Apparel craftsmen and upholsterers	57	42	—	—	—	—	15	—
Bakers	55	45	5	5	—	—	5	—
Cabinetmakers	44	26	—	—	—	—	18	—
Construction craftsmen	3 764	3 230	125	26	45	54	405	4
Carpenters	782	604	17	—	10	7	161	—
Excavating, grading, and road machine operators	431	340	45	6	13	26	42	4
Electricians	927	878	21	5	5	11	28	—
Masons and tile setters	322	278	—	—	—	—	44	—
Painters, construction and maintenance, and paperhangers	355	278	17	4	6	7	60	—
Plasterers and cement finishers	95	87	—	—	—	—	8	—
Plumbers and pipe fitters	576	523	25	11	11	3	28	—
Other construction craftsmen	276	242	—	—	—	—	34	—
Foremen, n.e.c.	2 014	1 938	60	21	33	6	16	—
Manufacturing	1 239	1 234	5	5	—	—	—	—
Nonmanufacturing industries	775	704	55	16	33	6	16	—
Linemen and servicemen, telephone and power	433	422	11	—	—	11	—	—
Locomotive engineers and firemen	171	171	—	—	—	—	—	—
Mechanics and repairmen	2 962	2 651	97	9	39	49	214	—
Air conditioning, heating, and refrigeration	134	120	7	—	—	7	7	—
Aircraft	11	11	—	—	—	—	—	—
Automobile, including body	963	820	37	4	24	9	106	—
Radio and television	126	74	—	—	—	—	52	—
Other mechanics and repairmen	1 728	1 626	53	5	15	33	49	—
Metal craftsmen, except mechanics	1 460	1 450	10	5	—	5	—	—
Machinists and job and die setters	657	652	5	—	—	5	—	—
Sheetmetal workers and tinsmiths	114	114	—	—	—	—	—	—
Tool and die makers	27	27	—	—	—	—	—	—
Other metal craftsmen	662	657	5	5	—	—	—	—
Printing craftsmen	158	152	—	—	—	—	6	—
Compositors and typesetters	92	92	—	—	—	—	—	—
Pressmen and plate printers, printing	57	51	—	—	—	—	6	—
Stationary engineers and power station operators	347	303	44	13	6	25	—	—
Other craftsmen and kindred workers	2 448	2 109	116	43	32	41	223	—

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**

HUNTINGTON-ASHLAND, W. VA.-KY.-OHIO, SMSA—Continued

Total—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers			Self-employed workers	Unpaid family workers
			Total	Federal	State		
Operatives, except transport	8 928	8 657	184	49	41	94	87
Assemblers.....	250	250	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing.....	443	438	5	5	—	—	—
Garage workers and gas station attendants.....	367	338	5	—	5	—	24
Laundry and drycleaning operatives, n.e.c.....	69	62	7	4	—	3	6
Meat cutters and butchers.....	179	170	3	—	—	3	6
Mine operatives, n.e.c.....	194	188	—	—	—	—	6
Packers and wrappers, except produce.....	242	242	—	—	—	—	—
Painters, manufactured articles.....	67	67	—	—	—	—	—
Precision machine operatives.....	401	384	10	5	—	5	7
Sawyers.....	76	76	—	—	—	—	—
Stationary firemen.....	258	200	58	—	21	37	—
Textile operatives.....	5	5	—	—	—	—	—
Welders and flamecutters.....	1 292	1 282	5	5	—	—	5
Other metalworking operatives.....	662	662	—	—	—	—	—
Other specified operatives.....	1 190	1 103	58	21	15	22	29
Miscellaneous and not specified operatives.....	3 233	3 190	33	9	—	24	10
Occupation:							
Machine operatives, miscellaneous specified.....	1 367	1 343	19	9	—	10	5
Machine operatives, not specified.....	482	482	—	—	—	—	—
Miscellaneous operatives.....	834	824	5	—	—	5	5
Not specified operatives.....	550	541	9	—	—	9	—
Industry:							
Manufacturing.....	2 812	2 784	23	9	—	14	5
Durable goods.....	1 948	1 934	14	—	—	14	—
Wood products, including furniture.....	91	91	—	—	—	—	—
Primary metal industries.....	1 007	999	8	—	—	8	—
Fabricated metal industries.....	66	66	—	—	—	—	—
Machinery, including electrical.....	89	89	—	—	—	—	—
Motor vehicles and equipment.....	49	49	—	—	—	—	—
Transportation equipment, except motor vehicles.....	56	56	—	—	—	—	—
Other durable goods.....	590	584	6	—	—	6	—
Nondurable goods.....	859	845	9	9	—	—	5
Food and kindred products.....	47	42	—	—	—	—	5
Apparel and other fabricated textile products.....	17	17	—	—	—	—	—
Paper and allied products.....	35	35	—	—	—	—	—
Chemicals and allied products.....	534	534	—	—	—	—	—
Other nondurable goods.....	226	217	9	9	—	—	—
Not specified manufacturing industries.....	5	5	—	—	—	—	—
Nonmanufacturing industries.....	421	406	10	—	—	10	5
Transportation, communications, and other public utilities.....	198	193	5	—	—	5	—
Wholesale and retail trade.....	106	106	—	—	—	—	—
All other industries.....	117	107	5	—	—	5	5
Transport equipment operatives.....	3 694	3 313	273	12	84	177	108
Bus drivers.....	228	117	111	—	36	75	—
Taxicab drivers and chauffeurs.....	140	135	—	—	—	—	5
Truck drivers and deliverymen.....	2 513	2 259	157	12	48	97	97
Other transport equipment operatives.....	813	802	5	—	—	5	6
Laborers, except farm.....	5 050	4 581	381	62	82	237	84
Construction laborers.....	965	815	147	24	32	91	3
Freight, stock, and material handlers.....	1 435	1 348	73	21	7	45	10
Other specified laborers.....	863	745	63	—	32	31	55
Miscellaneous and not specified laborers.....	1 787	1 673	98	17	11	70	16
Occupation:							
Miscellaneous laborers.....	590	542	45	10	—	35	3
Not specified laborers.....	1 197	1 131	53	7	11	35	13
Industry:							
Manufacturing.....	1 205	1 194	7	7	—	—	4
Durable goods.....	1 034	1 023	7	7	—	—	4
Wood products, including furniture.....	50	50	—	—	—	—	—
Metal industries.....	732	725	7	7	—	—	—
Machinery, including electrical.....	23	23	—	—	—	—	—
Transportation equipment.....	146	146	—	—	—	—	—
Other durable goods.....	83	79	—	—	—	—	4
Nondurable goods.....	171	171	—	—	—	—	—
Food and kindred products.....	15	15	—	—	—	—	—
Not specified manufacturing industries.....	—	—	—	—	—	—	—
Nonmanufacturing industries.....	582	479	91	10	11	70	12
Railroads and railway express service.....	239	235	4	—	—	4	—
Transportation, except railroads.....	13	8	—	—	—	—	5
Communications, and utilities and sanitary services.....	67	35	32	3	—	29	—
Wholesale and retail trade.....	142	139	—	—	—	—	3
All other industries.....	121	62	55	7	11	37	4
Farmers and farm managers.....	398	22	—	—	—	—	376
Farm laborers and farm foremen.....	266	198	11	5	6	—	8
Paid farm laborers and farm foremen.....	217	198	11	5	6	—	8
Unpaid family workers.....	49	—	—	—	—	—	49
Service workers, except private household ¹	4 036	2 588	1 247	198	338	711	201
Cleaning service workers.....	1 672	1 175	470	44	154	272	27
Food service workers.....	620	571	45	16	29	—	4
Cooks, except private household.....	191	171	20	5	15	—	—
Busboys and dishwashers.....	86	80	6	6	—	—	—
Health service workers.....	201	93	108	30	63	15	—
Personal service workers.....	441	250	37	4	33	—	154
Protective service workers.....	826	287	539	94	59	386	—
Firemen, fire protection.....	168	—	168	6	—	162	—
Guards and watchmen.....	369	271	98	56	16	26	—
Policemen and detectives.....	219	16	203	15	38	150	—
Private household workers.....	15	15	—	—	—	—	—

¹Includes allocated cases not shown separately.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
HUNTINGTON-ASHLAND, W. VA.-KY.-OHIO, SMSA—Continued								
Total—Continued								
Female, 16 years old and over	28 218	21 180	5 667	793	1 873	3 001	1 126	245
Professional, technical, and kindred workers	4 974	2 061	2 705	114	913	1 678	189	19
Accountants	184	128	33	9	19	5	17	6
Computer specialists	28	20	8	4	4	—	—	—
Librarians	99	36	63	—	40	23	—	—
Mathematical specialists	—	—	—	—	—	—	—	—
Life and physical scientists	6	6	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	1 062	822	198	44	50	104	36	6
Dietitians	64	52	12	—	—	—	—	—
Registered nurses	925	725	162	28	40	94	32	6
Health technologists and technicians	207	158	44	9	5	30	5	—
Social scientists	14	9	5	—	—	—	—	—
Social and recreation workers	159	22	137	27	81	29	—	—
Teachers: College and university	203	39	164	—	137	27	—	—
Elementary and kindergarten	1 566	233	1 314	—	326	988	19	—
Secondary	592	113	479	7	133	339	—	—
Other teachers	140	58	20	—	10	10	62	—
Engineering and science technicians	42	38	4	4	—	—	—	—
Technicians, except health, and engineering and science	4	—	4	—	—	4	—	—
Writers, artists, and entertainers	125	93	—	—	—	—	25	7
Actors and dancers	—	—	—	—	—	—	—	—
Authors, editors, and reporters	38	38	—	—	—	—	—	—
Other professional, technical, and kindred workers	543	286	232	10	108	114	25	—
Managers and administrators, except farm	1 167	689	193	40	46	107	243	42
Buyers, purchasing agents, and sales managers	123	108	—	—	—	—	15	—
Restaurant, cafeteria, and bar managers	109	52	5	—	—	5	43	9
School administrators	70	9	61	—	19	42	—	—
Other specified managers and administrators	251	135	103	40	11	52	10	3
Managers and administrators, n.e.c., salaried	409	385	24	—	16	8	—	—
Wholesale and retail trade	178	174	4	—	4	—	—	—
Managers and administrators, n.e.c., self-employed	205	—	—	—	—	—	175	30
Wholesale and retail trade	175	—	—	—	—	—	155	20
Sales workers	2 400	2 225	16	11	5	—	84	75
Demonstrators, hucksters, and peddlers	144	144	—	—	—	—	—	—
Insurance, real estate agents, and brokers	84	77	—	—	—	—	7	—
Sales clerks, retail trade	1 652	1 534	—	—	—	—	60	58
Salesmen, retail trade	53	41	—	—	—	—	6	6
Other sales workers	467	429	16	11	5	—	11	11
Clerical and kindred workers	8 634	6 804	1 620	546	539	535	131	79
Bank tellers	229	203	26	22	4	—	—	—
Bookkeepers	1 109	927	101	46	9	46	58	23
Cashiers	851	782	38	4	6	28	6	25
Counter clerks, except food	178	168	10	—	10	—	—	—
Enumerators and interviewers	59	14	45	45	—	—	—	—
File clerks	107	72	35	20	5	10	—	—
Office machine operators	323	295	28	16	—	12	—	—
Bookkeeping and billing machine operators	52	47	5	5	—	—	—	—
Keypunch operators	185	173	12	5	—	7	—	—
Payroll and timekeeping clerks	101	89	12	—	12	—	—	—
Receptionists	255	230	15	5	10	—	5	5
Secretaries	2 381	1 857	491	86	223	182	20	13
Stenographers	178	120	58	25	24	9	—	—
Telephone operators	338	306	32	10	10	12	—	—
Typists	479	295	184	72	74	38	—	—
Other clerical and kindred workers	2 046	1 446	545	195	152	198	42	13
Craftsman and kindred workers	479	452	9	—	9	—	18	—
Foremen, n.e.c.	92	87	—	—	—	—	5	—
Operatives, except transport	3 383	3 264	44	10	22	12	71	4
Assemblers	99	89	6	6	—	—	—	4
Bottling and canning operatives	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing	700	695	—	—	—	—	5	—
Dressmakers and seamstresses, except factory	108	69	—	—	—	—	39	—
Laundry and drycleaning operatives, including ironers	347	339	8	—	8	—	—	—
Graders and sorters, manufacturing	19	19	—	—	—	—	—	—
Packers and wrappers, except produce	194	191	—	—	—	—	3	—
Sewers and stitchers	845	841	—	—	—	—	4	—
Textile operatives	—	—	—	—	—	—	—	—
Other specified operatives	631	591	26	—	14	12	14	—
Miscellaneous and not specified operatives	440	430	4	4	—	—	6	—
Manufacturing	400	396	4	4	—	—	—	—
Durable goods	249	245	4	4	—	—	—	—
Machinery, including electrical	23	23	—	—	—	—	—	—
Other durable goods	226	222	4	4	—	—	—	—
Nondurable goods, including not specified manufacturing	151	151	—	—	—	—	—	—
Food and kindred products	19	19	—	—	—	—	—	—
Apparel and other fabricated textile products	87	87	—	—	—	—	—	—
Nonmanufacturing industries	40	34	—	—	—	—	6	—
Transport equipment operatives	126	71	49	11	10	28	6	—
Laborers, except farm	374	329	15	5	—	10	20	10
Formers and farm managers	20	—	—	—	—	—	20	—
Farm laborers and farm foremen	56	56	—	—	—	—	—	—
Paid farm laborers and farm foremen	56	56	—	—	—	—	—	—
Unpaid family workers	—	—	—	—	—	—	—	—
Service workers, except private household ¹	5 332	3 975	1 012	56	329	627	329	16
Cleaning service workers	535	434	89	—	41	48	12	—
Chambermaids and maids	146	142	4	—	—	4	—	—
Food service workers	2 139	1 649	424	15	95	314	50	16
Cooks, except private household	810	500	292	—	56	236	12	6
Waiters and food counter workers	1 011	926	37	6	11	20	38	10
Health service workers	1 186	876	273	25	111	137	37	—
Nursing aides, orderlies, and attendants	760	554	202	25	85	92	4	—
Practical nurses	259	170	56	—	15	41	33	—
Personal service workers	904	620	77	16	43	18	207	—
Hairdressers and cosmetologists	562	374	—	—	—	—	188	—
Private household workers	1 273	1 254	4	—	—	4	15	—
Private household workers, living in	100	100	—	—	—	—	—	—
Private household workers, living out	1 173	1 154	4	—	—	4	15	—

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
LORAIN-ELYRIA SMSA								
Total								
Male, 16 years old and over	63 947	54 919	5 500	1 750	443	3 307	3 417	111
Professional, technical, and kindred workers	7 237	4 514	2 062	807	102	1 153	661	—
Accountants	479	413	38	22	12	4	28	—
Architects	11	11	—	—	—	—	—	—
Computer specialists	151	131	20	10	—	10	—	—
Engineers	1 352	1 195	135	103	—	32	22	—
Aeronautical and astronautical	43	10	33	33	—	—	—	—
Civil	112	91	15	—	—	15	6	—
Electrical and electronic	269	217	46	32	—	14	6	—
Mechanical	236	215	21	18	—	3	—	—
Other engineers	692	662	20	20	—	—	10	—
Lawyers and judges	155	10	5	—	—	5	140	—
Life and physical scientists	115	84	31	25	—	6	—	—
Chemists	65	61	4	4	—	—	—	—
Physicians, dentists, and related practitioners	407	125	4	—	—	4	278	—
Dentists	93	—	—	—	—	—	93	—
Pharmacists	68	48	—	—	—	—	20	—
Physicians, medical and osteopathic	205	70	4	—	—	4	131	—
Other related practitioners	41	7	—	—	—	—	34	—
Health technologists and technicians	77	61	9	—	—	9	7	—
Religious workers	274	231	—	—	—	—	43	—
Social scientists	25	19	—	—	—	—	6	—
Social and recreation workers	69	18	51	—	8	43	—	—
Teachers	1 325	357	947	10	52	885	21	—
College and university	273	214	59	—	15	44	—	—
Elementary and prekindergarten	217	46	171	5	10	156	—	—
Secondary	788	71	717	5	27	685	—	—
Engineering and science technicians	985	863	117	86	5	26	5	—
Draftsmen and surveyors	430	395	30	10	5	15	5	—
Electrical and electronic engineering technicians	116	58	58	58	—	—	—	—
Technicians, except health, and engineering and science	536	17	519	503	—	16	—	—
Airplane pilots	12	7	5	5	—	—	—	—
Writers, artists, and entertainers	461	383	18	6	6	6	60	—
Other professional, technical, and kindred workers	815	596	168	42	19	107	51	—
Managers and administrators, except farm	4 627	3 465	498	73	93	332	655	9
Buyers, purchasing agents, and sales managers	600	567	5	—	—	5	28	—
School administrators	241	34	207	—	41	166	—	—
Specified managers and administrators, public administration	175	—	175	59	11	105	—	—
Other specified managers and administrators	824	692	24	10	4	10	103	5
Managers and administrators, n.e.c., salaried	2 259	2 172	87	4	37	46	—	—
Manufacturing	798	794	4	4	—	—	—	—
Wholesale and retail trade	621	621	—	—	—	—	—	—
Transportation, communications and other public utilities	195	180	15	—	5	10	—	—
All other industries	645	577	68	—	32	36	—	—
Managers and administrators, n.e.c., self-employed	528	—	—	—	—	—	524	4
Construction	131	—	—	—	—	—	131	—
Manufacturing	38	—	—	—	—	—	38	—
Wholesale and retail trade	261	—	—	—	—	—	257	4
All other industries	98	—	—	—	—	—	98	—
Sales workers	3 031	2 616	51	8	33	10	353	11
Insurance agents, brokers, and underwriters	302	262	—	—	—	—	40	—
Real estate agents and brokers	129	93	—	—	—	—	36	—
Sales representatives, manufacturing industries	460	440	—	—	—	—	20	—
Sales representatives, wholesale trade	447	391	—	—	—	—	49	7
Sales clerks, retail trade	717	611	8	—	8	—	94	4
Salesmen, retail trade	397	321	—	—	—	—	76	—
Salesmen of services and construction	153	134	11	4	7	—	8	—
Other sales workers	426	364	32	4	18	10	30	—
Clerical and kindred workers	4 027	3 354	640	494	50	96	33	—
Bank tellers and cashiers	91	76	15	6	9	—	—	—
Bookkeepers and billing clerks	262	236	12	—	6	6	14	—
Mail handlers and postal clerks	486	52	434	429	5	—	—	—
Other clerical and kindred workers	3 188	2 990	179	59	30	90	19	—
Craftsmen and kindred workers	16 530	15 305	600	182	46	372	619	6
Apparel craftsmen and upholsterers	134	122	—	—	—	—	12	—
Bakers	23	17	—	—	—	—	6	—
Cabinetmakers	14	10	—	—	—	—	4	—
Construction craftsmen	3 697	3 284	139	35	19	85	274	—
Carpenters	778	623	31	11	10	10	124	—
Excavating, grading, and road machine operators	326	284	26	—	—	26	16	—
Electricians	930	890	31	16	—	15	9	—
Masons and tile setters	297	273	—	—	—	—	24	—
Painters, construction and maintenance, and paperhangers	292	228	14	4	4	6	50	—
Plasterers and cement finishers	120	101	5	—	5	—	14	—
Plumbers and pipe fitters	716	666	32	4	—	28	18	—
Other construction craftsmen	238	219	—	—	—	—	19	—
Foremen, n.e.c.	2 567	2 485	67	31	5	31	15	—
Manufacturing	2 030	2 020	5	—	—	5	5	—
Nonmanufacturing industries	537	465	62	31	5	26	10	—
Linemen and servicemen, telephone and power	503	488	15	5	—	10	—	—
Locomotive engineers and firemen	156	156	—	—	—	—	—	—
Mechanics and repairmen	3 292	2 880	217	78	16	123	189	6
Air conditioning, heating, and refrigeration	68	45	—	—	—	—	23	—
Aircraft	161	117	40	34	6	—	4	—
Automobile, including body	1 330	1 166	60	—	10	50	104	—
Radio and television	175	140	14	9	—	5	21	—
Other mechanics and repairmen	1 558	1 412	103	35	—	68	37	6
Metal craftsmen, except mechanics	3 403	3 365	28	18	—	10	10	—
Machinists and job and die setters	1 140	1 132	8	3	—	5	—	—
Sheetmetal workers and tinsmiths	245	235	10	5	—	5	—	—
Tool and die makers	721	716	—	—	—	—	5	—
Other metal craftsmen	1 297	1 282	10	10	—	—	5	—
Printing craftsmen	203	203	—	—	—	—	—	—
Compositors and typesetters	75	75	—	—	—	—	—	—
Pressmen and plate printers, printing	105	105	—	—	—	—	—	—
Stationary engineers and power station operators	341	272	69	—	—	69	—	—
Other craftsmen and kindred workers	2 197	2 023	65	15	6	44	109	—

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**

LORAIN-ELYRIA SMSA—Continued

Total—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Operatives, except transport	16 014	15 596	259	96	25	138	151	8
Assemblers.....	2 729	2 695	34	6	6	22	—	—
Checkers, examiners, and inspectors; manufacturing.....	1 375	1 345	15	10	5	—	15	—
Garage workers and gas station attendants.....	535	503	—	—	—	—	32	—
Laundry and drycleaning operatives, n.e.c.....	19	9	—	—	—	—	10	—
Meat cutters and butchers.....	172	154	—	—	—	—	18	—
Mine operatives, n.e.c.....	50	50	—	—	—	—	—	—
Packers and wrappers, except produce.....	191	191	—	—	—	—	—	—
Painters, manufactured articles.....	456	451	5	—	—	5	—	—
Precision machine operatives.....	1 282	1 282	—	—	—	—	—	—
Sawyers.....	139	139	—	—	—	—	—	—
Stationary firemen.....	212	188	24	5	—	19	—	—
Textile operatives.....	12	12	—	—	—	—	—	—
Welders and flamecutters.....	1 529	1 493	23	9	4	10	5	8
Other metalworking operatives.....	1 353	1 353	—	—	—	—	—	—
Other specified operatives.....	1 559	1 470	41	20	10	11	48	—
Miscellaneous and not specified operatives.....	4 401	4 261	117	46	—	71	23	—
Occupation:								
Machine operatives, miscellaneous specified.....	1 438	1 395	37	26	—	11	6	—
Machine operatives, not specified.....	1 499	1 465	34	20	—	14	—	—
Miscellaneous operatives.....	984	935	39	—	—	39	10	—
Not specified operatives.....	480	466	7	—	—	7	7	—
Industry:								
Manufacturing.....	4 084	4 038	40	15	—	25	6	—
Durable goods.....	3 291	3 245	40	15	—	25	6	—
Wood products, including furniture.....	5	5	—	—	—	—	—	—
Primary metal industries.....	1 231	1 209	16	—	—	16	6	—
Fabricated metal industries.....	488	476	12	7	—	5	—	—
Machinery, including electrical.....	317	317	—	—	—	—	—	—
Motor vehicles and equipment.....	1 057	1 053	4	4	—	—	—	—
Transportation equipment, except motor vehicles.....	56	52	4	4	—	—	—	—
Other durable goods.....	137	133	4	—	—	4	—	—
Nondurable goods.....	785	785	—	—	—	—	—	—
Food and kindred products.....	39	39	—	—	—	—	—	—
Apparel and other fabricated textile products.....	—	—	—	—	—	—	—	—
Paper and allied products.....	15	15	—	—	—	—	—	—
Chemicals and allied products.....	572	572	—	—	—	—	—	—
Other nondurable goods.....	159	159	—	—	—	—	—	—
Not specified manufacturing industries.....	8	8	—	—	—	—	—	—
Nonmanufacturing industries.....	317	223	77	31	—	46	17	—
Transportation, communications, and other public utilities.....	136	98	38	—	—	38	—	—
Wholesale and retail trade.....	48	41	—	—	—	—	7	—
All other industries.....	133	84	39	31	—	8	10	—
Transport equipment operatives.....	3 258	3 012	114	6	8	100	132	—
Bus drivers.....	60	40	15	—	—	15	5	—
Taxicab drivers and chauffeurs.....	141	130	—	—	—	—	11	—
Truck drivers and deliverymen.....	2 131	1 937	78	—	4	74	116	—
Other transport equipment operatives.....	926	905	21	6	4	11	—	—
Laborers, except farm.....	4 269	3 898	300	42	30	228	49	22
Construction laborers.....	536	465	61	—	9	52	5	5
Freight, stock, and material handlers.....	1 651	1 544	90	7	—	83	13	4
Other specified laborers.....	642	749	59	6	4	49	22	6
Miscellaneous and not specified laborers.....	1 333	1 227	90	29	17	44	9	7
Occupation:								
Miscellaneous laborers.....	672	623	49	17	7	25	—	—
Not specified laborers.....	661	604	41	12	10	19	9	7
Industry:								
Manufacturing.....	1 009	964	40	17	17	6	5	—
Durable goods.....	968	928	40	17	17	6	—	—
Wood products, including furniture.....	—	—	—	—	—	—	—	—
Metal industries.....	656	631	25	9	10	6	—	—
Machinery, including electrical.....	26	19	7	—	7	—	—	—
Transportation equipment.....	266	258	8	8	—	—	—	—
Other durable goods.....	20	20	—	—	—	—	—	—
Nondurable goods.....	41	36	—	—	—	—	5	—
Food and kindred products.....	5	5	—	—	—	—	—	—
Not specified manufacturing industries.....	—	—	—	—	—	—	—	—
Nonmanufacturing industries.....	324	263	50	12	—	38	4	7
Railroads and railway express service.....	68	61	7	7	—	—	—	—
Transportation, except railroads.....	18	18	—	—	—	—	—	—
Communications, and utilities and sanitary services.....	38	24	14	—	—	14	—	—
Wholesale and retail trade.....	101	90	—	—	—	—	4	7
All other industries.....	99	70	29	5	—	24	—	—
Farmers and farm managers.....	645	80	—	—	—	—	565	—
Form laborers and farm foremen.....	466	407	4	—	4	—	—	55
Paid farm laborers and farm foremen.....	411	407	4	—	4	—	—	—
Unpaid family workers.....	55	—	—	—	—	—	—	55
Service workers, except private household ¹	3 823	2 657	972	42	52	878	194	—
Cleaning service workers.....	1 499	1 122	349	27	33	289	28	—
Food service workers.....	772	737	9	—	—	9	26	—
Cooks, except private household.....	198	198	—	—	—	—	—	—
Busboys and dishwashers.....	231	231	—	—	—	—	—	—
Health service workers.....	103	97	6	—	—	6	—	—
Personal service workers.....	302	158	14	—	—	14	130	—
Protective service workers.....	910	322	588	15	19	554	—	—
Firemen, fire protection.....	229	—	229	5	—	224	—	—
Guards and watchmen.....	343	312	31	6	4	21	—	—
Policemen and detectives.....	268	10	258	4	9	245	—	—
Private household workers.....	20	15	—	—	—	—	5	—

¹Includes allocated cases not shown separately.

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

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

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

LORAIN-ELYRIA 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	31 438	25 878	4 384	372	470	3 542	910	266
Professional, technical, and kindred workers	4 590	2 376	2 014	66	167	1 781	185	15
Accountants	157	122	25	6	—	19	10	—
Computer specialists	13	13	—	—	—	—	—	—
Librarians	167	85	82	—	—	82	—	—
Mathematical specialists	6	6	6	6	—	—	—	—
Life and physical scientists	16	16	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	1 009	894	103	13	—	90	12	—
Dietitians	48	41	7	7	—	—	—	—
Registered nurses	923	834	77	6	—	71	12	—
Health technologists and technicians	197	191	6	—	—	6	—	—
Social scientists	—	—	—	—	—	—	—	—
Social and recreation workers	143	67	76	—	7	69	—	—
Teachers: College and university	97	92	5	—	5	—	—	—
Elementary and prekindergarten	1 433	272	1 150	22	111	1 017	6	5
Secondary	556	109	447	5	22	420	—	—
Other teachers	149	49	5	—	—	5	91	4
Engineering and science technicians	52	52	—	—	—	—	—	—
Technicians, except health, and engineering and science	24	—	24	—	—	8	—	—
Writers, artists, and entertainers	201	163	—	—	—	—	32	6
Actors and dancers	—	79	—	—	—	—	21	—
Authors, editors, and reporters	100	—	—	—	—	—	—	—
Other professional, technical, and kindred workers	370	251	85	14	6	65	34	—
Managers and administrators, except farm	926	707	83	12	6	65	113	23
Buyers, purchasing agents, and sales managers	128	128	—	—	—	—	—	—
Restaurant, cafeteria, and bar managers	130	86	10	—	6	4	30	4
School administrators	58	35	23	—	—	23	—	—
Other specified managers and administrators	175	111	44	6	—	38	16	4
Managers and administrators, n.e.c., salaried	353	347	6	6	—	—	—	—
Wholesale and retail trade	163	163	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	82	—	—	—	—	—	67	15
Wholesale and retail trade	41	—	—	—	—	—	36	5
Sales workers	3 127	2 960	4	—	—	4	124	39
Demonstrators, hucksters, and peddlers	217	196	—	—	—	—	21	—
Insurance, real estate agents, and brokers	129	125	—	—	—	—	4	—
Sales clerks, retail trade	2 197	2 109	—	—	—	—	72	16
Salesmen, retail trade	74	71	—	—	—	—	3	—
Other sales workers	510	459	4	—	—	4	24	23
Clerical and kindred workers	9 955	8 478	1 301	251	142	908	78	98
Bank tellers	306	302	4	—	—	—	—	—
Bookkeepers	1 433	1 293	86	13	11	62	24	30
Cashiers	1 087	989	76	14	8	54	9	13
Counter clerks, except food	144	134	5	—	—	5	5	—
Enumerators and interviewers	31	—	31	—	—	—	—	—
File clerks	142	122	20	25	—	20	—	—
Office machine operators	312	275	33	—	5	28	4	—
Bookkeeping and billing machine operators	62	47	15	—	—	15	—	—
Keypunch operators	188	188	—	—	—	—	—	—
Payroll and timekeeping clerks	150	130	20	—	—	20	—	—
Receptionists	329	304	25	—	11	14	—	—
Secretaries	2 553	2 164	323	25	19	279	21	45
Stenographers	80	68	12	12	—	—	—	—
Telephone operators	502	491	11	6	5	—	—	—
Typists	764	590	174	39	32	103	—	—
Other clerical and kindred workers	2 122	1 616	481	113	51	317	15	10
Craftsmen and kindred workers	652	572	31	—	11	20	39	10
Foremen, n.e.c.	73	73	—	—	—	—	—	—
Operatives, except transport	3 882	3 754	64	6	11	47	42	22
Assemblers	818	811	—	—	—	—	7	—
Bottling and canning operatives	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing	516	504	12	6	—	6	—	—
Dressmakers and seamstresses, except factory	75	52	5	—	—	5	18	—
Laundry and drycleaning operatives, including ironers	283	269	7	—	—	7	7	—
Graders and sorters, manufacturing	—	—	—	—	—	—	—	—
Packers and wrappers, except produce	312	307	—	—	—	—	—	5
Sewers and stitchers	280	265	5	—	5	—	10	—
Textile operatives	—	—	—	—	—	—	—	—
Other specified operatives	857	813	31	—	6	25	—	13
Miscellaneous and not specified operatives	741	733	4	—	—	4	—	4
Manufacturing	691	687	4	—	—	4	—	—
Durable goods	399	395	4	—	—	4	—	—
Machinery, including electrical	128	128	—	—	—	—	—	—
Other durable goods	271	267	4	—	—	4	—	—
Nondurable goods, including not specified manufacturing	292	292	—	—	—	—	—	—
Food and kindred products	—	—	—	—	—	—	—	—
Apparel and other fabricated textile products	11	11	—	—	—	—	—	—
Nonmanufacturing industries	50	46	—	—	—	—	—	4
Transport equipment operatives	245	126	119	—	14	105	—	—
Laborers, except farm	330	321	4	—	—	4	—	5
Farmers and farm managers	76	5	—	—	—	—	71	—
Farm laborers and farm foremen	263	230	—	—	—	—	—	33
Paid farm laborers and farm foremen	230	230	—	—	—	—	—	—
Unpaid family workers	33	—	—	—	—	—	—	33
Service workers, except private household¹	6 731	5 699	764	37	119	608	247	21
Cleaning service workers	966	771	195	9	41	145	—	—
Chambermaids and maids	180	151	29	—	5	24	—	—
Food service workers	2 748	2 415	264	—	40	224	56	13
Cooks, except private household	756	566	150	—	19	131	35	5
Waiters and food counter workers	1 554	1 488	42	—	9	33	16	8
Health service workers	1 660	1 550	110	13	10	87	—	—
Nursing aides, orderlies, and attendants	682	617	65	7	10	48	—	—
Practical nurses	692	663	29	6	—	23	—	—
Personal service workers	857	575	99	10	4	85	175	8
Hairdressers and cosmetologists	515	355	—	—	—	—	156	4
Private household workers	661	650	—	—	—	—	11	—
Private household workers, living in	54	54	—	—	—	—	—	—
Private household workers, living out	607	596	—	—	—	—	11	—

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

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

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

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

TOLEDO, OHIO-MICH., SMSA

Total

	Total employed	Private wage and salary workers	Government workers			Self-employed workers	Unpaid family workers
			Total	Federal	State		
Male, 16 years old and over	169 497	140 668	17 198	3 275	4 537	9 386	247
Professional, technical, and kindred workers	21 207	13 510	5 528	271	2 257	3 000	2 163
Accountants	1 862	1 512	168	64	37	67	182
Architects	83	60	13	—	4	9	10
Computer specialists	455	436	19	—	19	—	—
Engineers	4 083	3 661	251	29	73	149	171
Aeronautical and astronautical	15	5	10	—	5	5	—
Civil	531	339	155	4	48	103	37
Electrical and electronic	539	519	15	—	4	11	5
Mechanical	792	775	4	6	—	—	11
Other engineers	2 206	2 023	65	19	16	30	118
Lawyers and judges	794	177	74	15	15	44	543
Life and physical scientists	430	389	41	7	15	19	—
Chemists	333	312	21	—	6	15	—
Physicians, dentists, and related practitioners	1 502	588	92	5	36	51	822
Dentists	248	25	11	—	5	6	212
Pharmacists	429	352	9	—	5	4	68
Physicians, medical and osteopathic	711	205	67	5	26	36	439
Other related practitioners	114	6	5	—	—	5	103
Health technologists and technicians	242	170	62	—	20	42	10
Religious workers	673	572	—	—	—	—	101
Social scientists	323	229	89	9	28	52	5
Social and recreation workers	357	84	267	9	77	181	6
Teachers	4 235	842	3 369	39	1 360	1 970	24
College and university	1 456	161	1 295	9	1 235	51	—
Elementary and prekindergarten	534	118	416	10	38	368	—
Secondary	2 085	462	1 623	10	87	1 526	—
Engineering and science technicians	2 329	2 103	220	20	61	139	6
Draftsmen and surveyors	1 253	1 130	123	—	28	95	—
Electrical and electronic engineering technicians	233	208	25	11	9	5	—
Technicians, except health, and engineering and science	250	138	106	44	35	27	6
Airplane pilots	73	67	6	6	—	—	—
Writers, artists, and entertainers	1 385	1 091	114	6	70	38	180
Other professional, technical, and kindred workers	2 204	1 458	643	24	407	212	97
Managers and administrators, except farm	16 580	12 710	1 600	380	350	870	2 212
Buyers, purchasing agents, and sales managers	2 389	2 245	46	15	21	10	98
School administrators	444	56	383	—	94	289	5
Specified managers and administrators, public administration	761	—	761	350	99	312	—
Other specified managers and administrators	2 979	2 502	90	10	28	52	369
Managers and administrators, n.e.c., salaried	8 227	7 907	320	5	108	207	—
Manufacturing	2 657	2 651	6	—	6	—	—
Wholesale and retail trade	2 646	2 626	20	5	15	—	—
Transportation, communications, and other public utilities	785	729	56	—	6	50	—
All other industries	2 139	1 901	238	—	81	157	—
Managers and administrators, n.e.c., self-employed	1 780	—	—	—	—	—	1 740
Construction	339	—	—	—	—	—	339
Manufacturing	167	—	—	—	—	—	163
Wholesale and retail trade	903	—	—	—	—	—	894
All other industries	371	—	—	—	—	—	344
Sales workers	10 479	9 180	111	10	75	26	1 179
Insurance agents, brokers, and underwriters	1 204	986	—	—	—	—	218
Real estate agents and brokers	514	362	—	—	—	—	132
Sales representatives, manufacturing industries	1 394	1 342	7	—	7	—	45
Sales representatives, wholesale trade	954	1 753	3	—	3	—	198
Sales clerks, retail trade	2 378	2 093	40	—	40	—	241
Salesmen, retail trade	1 449	1 291	—	—	—	—	158
Salesmen of services and construction	560	482	30	10	20	—	43
Other sales workers	1 026	851	31	—	5	26	144
Clerical and kindred workers	12 082	9 499	2 435	1 710	330	395	144
Bank tellers and cashiers	451	404	41	—	27	14	6
Bookkeepers and billing clerks	1 149	978	104	4	52	48	67
Mail handlers and postal clerks	1 567	196	1 371	1 363	4	4	—
Other clerical and kindred workers	8 915	7 921	919	343	247	329	71
Craftsmen and kindred workers	39 889	35 969	1 713	216	426	1 071	2 169
Apparel craftsmen and upholsterers	347	239	16	—	—	16	92
Bakers	161	119	11	6	—	5	31
Cabinetmakers	148	117	4	—	4	—	27
Construction craftsmen	8 532	7 171	383	18	155	210	960
Carpenters	2 185	1 759	51	—	36	15	363
Excavating, grading, and road machine operators	608	457	98	—	23	75	47
Electricians	1 844	1 689	81	6	26	49	74
Masons and tile setters	530	466	6	—	—	6	58
Pointers, construction and maintenance, and paperhangers	888	559	83	—	44	39	246
Plasterers and cement finishers	253	219	18	—	—	18	16
Plumbers and pipe fitters	1 584	1 446	36	7	21	8	102
Other construction craftsmen	640	576	10	5	5	—	54
Foremen, n.e.c.	6 480	6 192	240	49	32	159	48
Manufacturing	4 433	4 415	9	4	—	5	9
Nonmanufacturing industries	2 047	1 777	231	45	32	154	39
Linemen and servicemen, telephone and power	1 094	1 061	27	10	—	17	6
Locomotive engineers and firemen	941	929	12	8	4	—	—
Mechanics and repairmen	8 403	7 361	460	83	81	296	571
Air conditioning, heating, and refrigeration	262	200	5	—	—	5	57
Aircraft	115	102	13	13	—	—	—
Automobile, including body	3 315	2 817	177	22	9	146	315
Radio and television	393	278	28	17	4	7	87
Other mechanics and repairmen	4 318	3 964	237	31	68	138	112
Metal craftsmen, except mechanics	7 450	7 265	67	24	14	29	118
Machinists and job and die setters	2 447	2 385	37	18	4	15	25
Sheetmetal workers and tinsmiths	619	589	—	—	—	—	30
Tool and die makers	2 292	2 251	15	6	4	5	26
Other metal craftsmen	2 092	2 040	15	—	6	9	37
Printing craftsmen	975	952	18	—	9	9	5
Compositors and typesetters	400	382	13	—	9	4	5
Pressmen and plate printers, printing	383	378	5	—	—	5	—
Stationary engineers and power station operators	847	595	252	7	33	212	—
Other craftsmen and kindred workers	4 511	3 968	223	11	94	118	311

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**

TOLEDO, OHIO-MICH., SMSA—Continued

Total—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers			Self-employed workers	Unpaid family workers	
			Total	Federal	State			Local
Operatives, except transport	32 433	31 361	751	185	156	410	304	17
Assemblers.....	2 949	2 887	46	11	—	35	16	—
Checkers, examiners, and inspectors; manufacturing.....	3 027	2 960	47	31	6	10	20	—
Garage workers and gas station attendants.....	1 548	1 506	15	5	—	10	27	—
Laundry and drycleaning operatives, n.e.c.....	137	104	6	—	6	—	27	—
Meat cutters and butchers.....	561	531	10	4	6	—	20	—
Mine operatives, n.e.c.....	65	65	—	—	—	—	—	—
Packers and wrappers, except produce.....	881	858	23	6	6	11	—	—
Painters, manufactured articles.....	542	542	—	—	—	—	—	—
Precision machine operatives.....	2 413	2 337	59	27	19	13	17	—
Sawyers.....	210	204	6	6	—	—	—	—
Stationary firemen.....	638	508	130	10	21	99	—	—
Textile operatives.....	196	190	6	—	—	6	—	—
Welders and flamecutters.....	2 449	2 380	36	7	10	19	27	6
Other metalworking operatives.....	2 980	2 940	40	19	5	16	—	—
Other specified operatives.....	4 756	4 508	149	35	55	59	93	6
Miscellaneous and not specified operatives.....	9 081	8 841	178	24	22	132	57	5
Occupation:								
Machine operatives, miscellaneous specified.....	3 578	3 526	36	—	—	36	16	—
Machine operatives, not specified.....	2 722	2 651	46	15	4	27	25	—
Miscellaneous operatives.....	1 368	1 285	76	5	18	53	7	—
Not specified operatives.....	1 413	1 379	20	4	—	16	9	5
Industry:								
Manufacturing.....	8 288	8 152	95	20	3	72	41	—
Durable goods.....	6 363	6 247	87	20	3	64	29	—
Wood products, including furniture.....	161	152	9	—	—	9	—	—
Primary metal industries.....	754	735	19	—	3	16	—	—
Fabricated metal industries.....	628	607	15	—	—	15	6	—
Machinery, including electrical.....	927	913	10	5	—	5	4	—
Motor vehicles and equipment.....	2 332	2 297	25	11	—	14	10	—
Transportation equipment, except motor vehicles.....	116	112	4	4	—	—	—	—
Other durable goods.....	1 445	1 431	5	—	—	5	9	—
Nondurable goods.....	1 897	1 877	8	—	—	8	12	—
Food and kindred products.....	315	309	—	—	—	—	6	—
Apparel and other fabricated textile products.....	5	5	—	—	—	—	—	—
Paper and allied products.....	573	569	4	—	—	4	—	—
Chemicals and allied products.....	347	347	—	—	—	—	—	—
Other nondurable goods.....	657	647	4	—	—	4	6	—
Not specified manufacturing industries.....	28	28	—	—	—	—	—	—
Nonmanufacturing industries.....	793	689	83	4	19	60	16	5
Transportation, communications, and other public utilities.....	254	202	52	—	9	43	—	—
Wholesale and retail trade.....	335	328	—	—	—	—	7	—
All other industries.....	204	159	31	4	10	17	9	5
Transport equipment operatives.....	10 367	9 462	495	71	82	342	389	21
Bus drivers.....	213	142	60	7	—	53	6	5
Taxicab drivers and chauffeurs.....	304	293	6	—	—	—	5	—
Truck drivers and deliverymen.....	6 847	6 133	352	43	54	255	350	12
Other transport equipment operatives.....	3 003	2 894	77	21	22	34	28	4
Laborers, except farm.....	11 661	10 304	1 133	198	160	775	207	17
Construction laborers.....	1 540	1 308	232	—	48	184	—	—
Freight, stock, and material handlers.....	5 697	5 265	388	106	37	245	34	10
Other specified laborers.....	2 428	1 956	332	56	57	219	133	7
Miscellaneous and not specified laborers.....	1 996	1 775	181	36	18	127	40	—
Occupation:								
Miscellaneous laborers.....	598	477	100	10	10	80	21	—
Not specified laborers.....	1 398	1 298	81	26	8	47	19	—
Industry:								
Manufacturing.....	1 030	1 009	16	4	3	9	5	—
Durable goods.....	798	777	16	4	3	9	5	—
Wood products, including furniture.....	33	33	—	—	—	—	—	—
Metal industries.....	289	286	3	—	3	—	—	—
Machinery, including electrical.....	91	91	—	—	—	—	—	—
Transportation equipment.....	188	183	5	—	—	5	—	—
Other durable goods.....	197	184	8	4	—	4	5	—
Nondurable goods.....	216	216	—	—	—	—	—	—
Food and kindred products.....	47	47	—	—	—	—	—	—
Not specified manufacturing industries.....	16	16	—	—	—	—	—	—
Nonmanufacturing industries.....	966	766	165	32	15	118	35	—
Railroads and railway express service.....	196	177	19	14	—	5	—	—
Transportation, except railroads.....	92	92	—	—	—	—	—	—
Communications, and utilities and sanitary services.....	103	46	57	—	6	51	—	—
Wholesale and retail trade.....	261	250	—	—	9	—	11	—
All other industries.....	314	201	89	18	9	62	24	—
Farmers and farm managers.....	1 936	85	6	—	6	—	1 845	—
Farm laborers and farm foremen.....	762	688	12	—	6	6	—	62
Paid farm laborers and farm foremen.....	700	688	12	—	6	6	—	—
Unpaid family workers.....	62	—	—	—	—	—	—	62
Service workers, except private household ¹	12 042	7 841	3 414	234	689	2 491	772	15
Cleaning service workers.....	4 601	3 360	1 184	122	298	764	57	—
Food service workers.....	2 380	2 041	150	—	126	24	174	15
Cooks, except private household.....	727	682	9	—	5	4	33	3
Busboys and dishwashers.....	542	482	60	—	51	9	—	—
Health service workers.....	361	224	137	—	111	26	—	—
Personal service workers.....	1 196	622	78	13	25	40	496	—
Protective service workers.....	2 753	950	1 800	92	123	1 585	3	—
Firemen, fire protection.....	474	14	460	—	—	460	—	—
Guards and watchmen.....	1 031	875	153	54	35	64	3	—
Policemen and detectives.....	1 132	53	1 079	38	88	953	—	—
Private household workers.....	59	59	—	—	—	—	—	—

¹Includes allocated cases not shown separately.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
TOLEDO, OHIO-MICH., SMSA—Continued								
Total—Continued								
Female, 16 years old and over	96 186	75 576	16 947	1 564	4 850	10 533	2 839	824
Professional, technical, and kindred workers	14 839	7 248	7 016	217	1 269	5 530	508	67
Accountants	459	372	71	27	13	31	16	—
Computer specialists	74	61	13	7	—	6	—	—
Librarians	347	74	267	—	70	197	—	6
Mathematical specialists	9	5	4	—	—	4	—	—
Life and physical scientists	32	12	20	—	10	10	—	—
Registered nurses, dietitians, and therapists	3 318	2 631	612	20	201	391	69	6
Dietitians	156	120	36	—	20	16	—	—
Registered nurses	2 952	2 402	492	20	138	334	52	6
Health technologists and technicians	686	601	85	7	19	59	—	—
Social scientists	31	14	14	—	5	9	3	—
Social and recreation workers	458	120	333	30	72	231	5	—
Teachers: College and university	483	99	384	5	369	10	—	—
Elementary and prekindergarten	4 304	1 111	3 174	60	145	2 969	14	5
Secondary	1 650	434	1 216	9	73	1 134	—	—
Other teachers	443	175	54	—	15	39	197	17
Engineering and science technicians	146	116	30	4	10	16	—	—
Technicians, except health, and engineering and science	55	21	34	15	4	15	—	—
Writers, artists, and entertainers	729	551	59	—	29	30	114	5
Actors and dancers	30	30	—	—	—	—	—	—
Authors, editors, and reporters	99	78	5	—	5	—	16	—
Other professional, technical, and kindred workers	1 615	851	646	33	234	379	90	28
Managers and administrators, except farm	3 196	2 294	385	44	99	242	451	66
Buyers, purchasing agents, and sales managers	601	561	21	5	6	10	19	—
Restaurant, cafeteria, and bar managers	431	252	24	—	6	18	147	8
School administrators	214	97	113	—	27	86	4	—
Other specified managers and administrators	588	330	199	39	41	119	54	5
Managers and administrators, n.e.c., salaried	1 082	1 054	28	—	19	9	—	—
Wholesale and retail trade	379	379	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	280	—	—	—	—	—	227	53
Wholesale and retail trade	140	—	—	—	—	—	122	18
Sales workers	7 965	7 450	89	—	30	59	310	116
Demonstrators, hucksters, and peddlers	503	407	11	—	—	11	85	—
Insurance, real estate agents, and brokers	504	462	—	—	—	—	31	11
Sales clerks, retail trade	5 650	5 400	36	—	9	27	130	84
Salesmen, retail trade	191	164	—	—	—	—	17	10
Other sales workers	1 117	1 017	42	—	21	21	47	11
Clerical and kindred workers	33 189	27 139	5 474	1 065	1 891	2 518	252	324
Bank tellers	739	704	35	28	7	—	—	—
Bookkeepers	3 964	3 493	252	21	95	136	110	109
Cashiers	2 889	2 695	151	11	67	73	30	13
Counter clerks, except food	594	543	28	—	19	9	11	12
Enumerators and interviewers	98	28	61	54	7	—	9	—
File clerks	813	632	175	33	81	61	—	6
Office machine operators	1 296	1 144	152	6	61	85	—	—
Bookkeeping and billing machine operators	252	236	16	—	11	5	—	—
Keypunch operators	652	553	99	6	34	59	—	—
Payroll and timekeeping clerks	431	399	32	5	6	21	—	—
Receptionists	1 074	902	149	3	93	53	5	18
Secretaries	9 025	7 396	1 533	157	597	779	22	74
Stenographers	339	228	107	16	40	51	—	—
Telephone operators	1 313	1 209	99	25	29	45	—	5
Typists	3 144	2 358	744	104	291	349	19	23
Other clerical and kindred workers	7 470	5 408	1 956	602	498	856	46	60
Craftsmen and kindred workers	1 588	1 343	103	5	28	70	123	19
Foremen, n.e.c.	291	261	30	—	15	15	—	—
Operatives, except transport	10 606	10 241	193	34	52	107	144	28
Assemblers	1 795	1 759	32	—	7	25	—	4
Battling and canning operatives	51	51	—	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing	1 281	1 277	4	—	—	4	—	—
Dressmakers and seamstresses, except factory	221	149	5	—	—	5	62	5
Laundry and drycleaning operatives, including ironers	888	828	50	—	19	31	6	4
Graders and sorters, manufacturing	43	43	—	—	—	—	—	—
Packers and wrappers, except produce	1 275	1 252	18	13	—	5	5	—
Sewers and stitchers	638	599	15	9	6	—	24	—
Textile operatives	21	21	—	—	—	—	—	—
Other specified operatives	2 310	2 248	23	8	—	15	29	10
Miscellaneous and not specified operatives	2 083	2 014	46	4	20	22	18	5
Manufacturing	1 848	1 823	13	—	8	7	—	5
Durable goods	977	964	13	—	8	5	—	—
Machinery, including electrical	363	363	—	—	—	—	—	—
Other durable goods	614	601	13	—	8	5	—	—
Nondurable goods, including not specified manufacturing	871	859	—	—	—	—	7	5
Food and kindred products	170	170	—	—	—	—	—	—
Apparel and other fabricated textile products	46	46	—	—	—	—	—	—
Nonmanufacturing industries	235	191	33	4	12	17	11	—
Transport equipment operatives	935	439	480	27	45	408	11	5
Laborers, except farm	982	927	19	11	—	8	36	—
Farmers and farm managers	127	16	—	—	—	—	111	—
Farm laborers and farm foremen	373	319	—	—	—	—	5	49
Paid farm laborers and farm foremen	324	319	—	—	—	—	5	—
Unpaid family workers	49	—	—	—	—	—	—	49
Service workers, except private household¹	19 941	15 737	3 188	161	1 436	1 591	872	144
Cleaning service workers	2 528	1 972	510	19	240	251	40	6
Chambermaids and maids	759	689	64	—	44	20	—	6
Food service workers	8 876	7 311	1 364	40	736	588	116	85
Cooks, except private household	1 993	1 549	384	19	126	239	34	26
Waiters and food counter workers	5 023	4 511	404	7	259	138	57	51
Health service workers	4 200	3 685	494	25	220	249	10	11
Nursing aides, orderlies, and attendants	2 016	1 733	267	20	172	75	5	11
Practical nurses	1 309	1 220	84	5	17	62	5	—
Personal service workers	2 674	1 462	496	58	147	291	685	31
Hairdressers and cosmetologists	1 608	986	10	—	—	10	591	21
Private household workers	2 445	2 423	—	—	—	—	16	6
Private household workers, living in	119	119	—	—	—	—	—	—
Private household workers, living out	2 326	2 304	—	—	—	—	16	6

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

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

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

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

TOLEDO, OHIO—MICH., SMSA—Continued

Negro

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Male, 16 years old and over	10 647	8 537	1 674	528	266	880	436	—
Professional, technical, and kindred workers	616	311	260	16	62	182	45	—
Accountants	35	25	4	—	—	4	6	—
Architects	—	—	—	—	—	—	—	—
Computer specialists	6	6	—	—	—	—	—	—
Engineers	32	20	12	—	—	12	—	—
Aeronautical and astronautical	—	—	—	—	—	—	—	—
Civil	12	6	6	—	—	6	—	—
Electrical and electronic	6	6	6	—	—	6	—	—
Mechanical	9	9	—	—	—	—	—	—
Other engineers	5	5	—	—	—	—	—	—
Lawyers and judges	22	—	5	—	5	—	17	—
Life and physical scientists	5	5	—	—	—	—	—	—
Chemists	5	5	—	—	—	—	—	—
Physicians, dentists, and related practitioners	48	25	6	—	—	6	17	—
Dentists	14	—	6	—	—	6	8	—
Pharmacists	15	15	—	—	—	—	—	—
Physicians, medical and osteopathic	19	10	—	—	—	—	9	—
Other related practitioners	—	—	—	—	—	—	—	—
Health technologists and technicians	20	10	10	—	5	5	—	—
Religious workers	28	23	—	—	—	—	5	—
Social scientists	3	—	3	3	—	—	—	—
Social and recreation workers	46	6	40	—	9	31	—	—
Teachers	143	34	109	—	16	93	—	—
College and university	19	10	9	—	—	—	—	—
Elementary and prekindergarten	44	—	44	—	7	37	—	—
Secondary	75	19	56	—	—	56	—	—
Engineering and science technicians	74	60	14	—	5	9	—	—
Draftsmen and surveyors	51	42	9	—	—	—	—	—
Electrical and electronic engineering technicians	4	4	—	—	—	—	—	—
Technicians, except health, and engineering and science	6	6	—	—	—	—	—	—
Airplane pilots	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	46	28	18	6	—	12	—	—
Other professional, technical, and kindred workers	102	63	39	7	22	10	—	—
Managers and administrators, except farm	332	169	97	26	16	55	66	—
Buyers, purchasing agents, and sales managers	30	30	—	—	—	—	—	—
School administrators	10	—	10	—	—	10	—	—
Specified managers and administrators, public administration	49	—	49	26	12	11	—	—
Other specified managers and administrators	53	43	10	—	4	6	—	—
Managers and administrators, n.e.c., salaried	124	96	28	—	—	28	—	—
Manufacturing	17	17	—	—	—	—	—	—
Wholesale and retail trade	26	26	—	—	—	—	—	—
Transportation, communications and other public utilities	11	11	—	—	—	—	—	—
All other industries	70	42	28	—	—	28	—	—
Managers and administrators, n.e.c., self-employed	66	—	—	—	—	—	66	—
Construction	16	—	—	—	—	—	16	—
Manufacturing	—	—	—	—	—	—	—	—
Wholesale and retail trade	26	—	—	—	—	—	26	—
All other industries	24	—	—	—	—	—	24	—
Sales workers	169	134	9	—	9	—	26	—
Insurance agents, brokers, and underwriters	28	22	—	—	—	—	6	—
Real estate agents and brokers	—	—	—	—	—	—	—	—
Sales representatives, manufacturing industries	11	11	—	—	—	—	—	—
Sales representatives, wholesale trade	6	6	—	—	—	—	—	—
Sales clerks, retail trade	101	72	9	—	9	—	20	—
Salesmen, retail trade	—	—	—	—	—	—	—	—
Salesmen of services and construction	3	3	—	—	—	—	—	—
Other sales workers	20	20	—	—	—	—	—	—
Clerical and kindred workers	689	440	244	208	4	32	5	—
Bank tellers and cashiers	7	7	—	—	—	—	—	—
Bookkeepers and billing clerks	45	45	—	—	—	—	—	—
Mail handlers and postal clerks	191	27	164	164	—	—	—	—
Other clerical and kindred workers	446	361	80	44	4	32	5	—
Craftsmen and kindred workers	1 553	1 321	104	27	36	41	128	—
Apparel craftsmen and upholsterers	10	—	—	—	—	—	10	—
Bakers	4	4	—	—	—	—	—	—
Cabinetmakers	5	5	—	—	—	—	—	—
Construction craftsmen	320	223	30	—	18	12	67	—
Carpenters	42	38	4	—	4	—	7	—
Excavating, grading, and road machine operators	27	14	6	—	6	—	—	—
Electricians	47	29	5	—	—	5	13	—
Masons and tile setters	51	51	—	—	—	—	—	—
Painters, construction and maintenance, and paperhangers	64	31	7	—	—	7	33	—
Plasterers and cement finishers	53	43	8	—	—	8	3	—
Plumbers and pipe fitters	27	8	8	—	—	—	11	—
Other construction craftsmen	9	9	—	—	—	—	—	—
Foremen, n.e.c.	137	127	10	4	—	6	—	—
Manufacturing	88	84	4	4	—	—	—	—
Nonmanufacturing industries	49	43	6	—	—	6	—	—
Linemen and servicemen, telephone and power	81	75	—	—	—	—	6	—
Locomotive engineers and firemen	10	10	—	—	—	—	—	—
Mechanics and repairmen	335	283	40	16	10	14	12	—
Air conditioning, heating, and refrigeration	—	—	—	—	—	—	—	—
Aircraft	—	—	—	—	—	—	—	—
Automobile, including body	157	135	10	5	—	5	12	—
Radio and television	—	—	—	—	—	—	—	—
Other mechanics and repairmen	178	148	30	11	10	9	—	—
Metal craftsmen, except mechanics	222	215	7	7	—	—	—	—
Machinists and job and die setters	108	101	7	7	—	—	—	—
Sheetmetal workers and tinsmiths	6	6	—	—	—	—	—	—
Tool and die makers	7	7	—	—	—	—	—	—
Other metal craftsmen	101	101	—	—	—	—	—	—
Printing craftsmen	40	36	4	—	4	—	—	—
Compositors and typesetters	30	26	4	—	4	—	—	—
Pressmen and plate printers, printing	5	5	—	—	—	—	—	—
Stationary engineers and power station operators	22	13	9	—	—	9	—	—
Other craftsmen and kindred workers	367	330	4	—	4	—	33	—

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**

TOLEDO, OHIO-MICH., SMSA—Continued

Negro—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Operatives, except transport	3 303	3 095	191	51	52	88	17	—
Assemblers.....	270	256	14	—	—	14	—	—
Checkers, examiners, and inspectors; manufacturing.....	240	240	—	—	—	—	—	—
Garage workers and gas station attendants.....	42	42	—	—	—	—	—	—
Laundry and drycleaning operatives, n.e.c.....	17	8	—	—	—	—	9	—
Meat cutters and butchers.....	6	6	—	—	—	—	—	—
Mine operatives, n.e.c.....	8	8	—	—	—	—	—	—
Packers and wrappers, except produce.....	71	54	17	6	—	11	—	—
Painters, manufactured articles.....	63	63	—	—	—	—	—	—
Precision machine operatives.....	119	99	12	7	5	—	8	—
Sawyers.....	6	—	6	6	—	—	—	—
Stationary firemen.....	50	45	5	5	—	—	—	—
Textile operatives.....	32	32	—	—	—	—	—	—
Welders and flamecutters.....	165	154	11	7	4	—	—	—
Other metalworking operatives.....	402	381	21	5	—	16	—	—
Other specified operatives.....	733	680	53	4	40	9	—	—
Miscellaneous and not specified operatives.....	1 079	1 027	52	11	3	38	—	—
Occupation:								
Machine operatives, miscellaneous specified.....	324	318	6	—	—	6	—	—
Machine operatives, not specified.....	474	457	17	11	—	6	—	—
Miscellaneous operatives.....	126	103	23	—	3	20	—	—
Not specified operatives.....	155	149	6	—	—	6	—	—
Industry:								
Manufacturing.....	990	949	41	11	3	27	—	—
Durable goods.....	886	845	41	11	3	27	—	—
Wood products, including furniture.....	7	7	—	—	—	—	—	—
Primary metal industries.....	276	261	15	—	3	12	—	—
Fabricated metal industries.....	88	77	11	—	—	11	—	—
Machinery, including electrical.....	51	51	—	—	—	—	—	—
Motor vehicles and equipment.....	345	330	15	11	—	4	—	—
Transportation equipment, except motor vehicles.....	34	34	—	—	—	—	—	—
Other durable goods.....	85	85	—	—	—	—	—	—
Nondurable goods.....	99	99	—	—	—	—	—	—
Food and kindred products.....	24	24	—	—	—	—	—	—
Apparel and other fabricated textile products.....	—	—	—	—	—	—	—	—
Paper and allied products.....	5	5	—	—	—	—	—	—
Chemicals and allied products.....	4	4	—	—	—	—	—	—
Other nondurable goods.....	66	66	—	—	—	—	—	—
Not specified manufacturing industries.....	5	5	—	—	—	—	—	—
Nonmanufacturing industries.....	89	78	11	—	—	11	—	—
Transportation, communications, and other public utilities.....	10	4	6	—	—	6	—	—
Wholesale and retail trade.....	58	58	—	—	—	—	—	—
All other industries.....	21	16	5	—	—	5	—	—
Transport equipment operatives.....	736	581	95	25	—	70	60	—
Bus drivers.....	25	18	7	7	—	—	—	—
Taxicab drivers and chauffeurs.....	26	26	—	—	—	—	—	—
Truck drivers and deliverymen.....	402	263	85	18	—	67	54	—
Other transport equipment operatives.....	283	274	3	—	—	3	6	—
Laborers, except farm.....	1 608	1 286	307	106	7	194	15	—
Construction laborers.....	298	293	5	—	—	5	—	—
Freight, stock, and material handlers.....	468	323	140	41	—	99	5	—
Other specified laborers.....	497	379	113	56	—	57	5	—
Miscellaneous and not specified laborers.....	345	291	49	9	7	33	5	—
Occupation:								
Miscellaneous laborers.....	105	91	14	—	4	10	—	—
Not specified laborers.....	240	200	35	9	3	23	5	—
Industry:								
Manufacturing.....	242	234	8	—	3	5	—	—
Durable goods.....	199	191	8	—	3	5	—	—
Wood products, including furniture.....	9	9	—	—	—	—	—	—
Metal industries.....	88	85	3	—	3	—	—	—
Machinery, including electrical.....	27	27	—	—	—	—	—	—
Transportation equipment.....	39	34	5	—	—	5	—	—
Other durable goods.....	36	36	—	—	—	—	—	—
Nondurable goods.....	43	43	—	—	—	—	—	—
Food and kindred products.....	—	—	—	—	—	—	—	—
Not specified manufacturing industries.....	—	—	—	—	—	—	—	—
Nonmanufacturing industries.....	103	57	41	9	4	28	5	—
Railroads and railway express service.....	15	10	5	—	—	5	—	—
Transportation, except railroads.....	5	5	—	—	—	—	—	—
Communications, and utilities and sanitary services.....	13	8	5	—	—	5	—	—
Wholesale and retail trade.....	34	34	—	—	—	—	—	—
All other industries.....	36	—	31	9	4	18	5	—
Farmers and farm managers.....	38	—	—	—	—	—	38	—
Farm laborers and farm foremen.....	44	44	—	—	—	—	—	—
Paid farm laborers and farm foremen.....	44	44	—	—	—	—	—	—
Unpaid family workers.....	—	—	—	—	—	—	—	—
Service workers, except private household ¹	1 546	1 143	367	69	80	218	36	—
Cleaning service workers.....	817	605	202	47	45	110	10	—
Food service workers.....	199	199	—	—	—	—	—	—
Cooks, except private household.....	88	88	—	—	—	—	—	—
Busboys and dishwashers.....	24	24	—	—	—	—	—	—
Health service workers.....	54	17	37	—	31	6	—	—
Personal service workers.....	87	56	15	—	—	15	16	—
Protective service workers.....	104	26	78	15	4	59	—	—
Firemen, fire protection.....	4	4	—	—	—	—	—	—
Guards and watchmen.....	41	26	15	15	—	4	—	—
Policemen and detectives.....	59	—	59	—	4	55	—	—
Private household workers.....	13	13	—	—	—	—	—	—

¹Includes allocated cases not shown separately.

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

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

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

TOLEDO, OHIO—MICH., SMSA—Continued

Negro—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Female, 16 years old and over	8 747	6 427	2 173	431	537	1 205	131	16
Professional, technical, and kindred workers	1 066	321	723	61	126	536	22	—
Accountants	12	4	8	—	8	—	—	—
Computer specialists	—	—	—	—	—	—	—	—
Librarians	6	—	6	—	—	6	—	—
Mathematical specialists	—	—	—	—	—	—	—	—
Life and physical scientists	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	153	95	53	10	28	15	5	—
Dietitians	31	26	5	—	—	5	—	—
Registered nurses	112	65	42	10	22	10	5	—
Health technologists and technicians	62	50	12	—	—	12	—	—
Social scientists	4	—	4	—	—	4	—	—
Social and recreation workers	118	19	94	5	21	68	5	—
Teachers: College and university	13	6	7	—	7	—	—	—
Elementary and prekindergarten	374	33	341	30	28	283	—	—
Secondary	66	6	60	—	4	56	—	—
Other teachers	21	12	4	—	—	4	5	—
Engineering and science technicians	11	—	11	—	5	6	—	—
Technicians, except health, and engineering and science	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	17	7	10	—	—	10	—	—
Actors and dancers	—	—	—	—	—	—	—	—
Authors, editors, and reporters	7	7	—	—	—	—	—	—
Other professional, technical, and kindred workers	209	89	113	16	25	72	7	—
Managers and administrators, except farm	160	84	56	—	16	40	14	6
Buyers, purchasing agents, and sales managers	19	19	—	—	—	—	—	—
Restaurant, cafeteria, and bar managers	32	27	5	—	—	5	—	—
School administrators	—	—	—	—	—	—	—	—
Other specified managers and administrators	67	17	46	—	16	30	4	—
Managers and administrators, n.e.c., salaried	26	21	5	—	—	5	—	—
Wholesale and retail trade	—	—	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	16	—	—	—	—	—	10	6
Wholesale and retail trade	10	—	—	—	—	—	10	—
Sales workers	255	234	15	—	5	10	—	6
Demonstrators, hucksters, and peddlers	9	9	—	—	—	—	—	—
Insurance, real estate agents, and brokers	28	28	—	—	—	—	—	—
Sales clerks, retail trade	178	157	15	—	5	10	—	6
Salesmen, retail trade	—	—	—	—	—	—	—	—
Other sales workers	40	40	—	—	—	—	—	—
Clerical and kindred workers	1 889	1 175	688	277	134	277	22	4
Bank tellers	30	30	—	—	—	—	—	—
Bookkeepers	74	31	33	10	20	3	6	4
Cashiers	100	85	11	5	—	6	4	—
Counter clerks, except food	37	37	—	—	—	—	—	—
Enumerators and interviewers	—	—	—	—	—	—	—	—
File clerks	48	28	20	6	9	5	—	—
Office machine operators	117	86	31	—	16	15	—	—
Bookkeeping and billing machine operators	25	25	—	—	—	—	—	—
Keypunch operators	56	37	19	—	9	10	—	—
Payroll and timekeeping clerks	6	6	—	—	—	—	—	—
Receptionists	27	21	6	—	6	—	—	—
Secretaries	259	160	99	44	22	33	—	—
Stenographers	22	10	12	12	—	—	—	—
Telephone operators	120	100	20	9	11	—	—	—
Typists	181	93	88	26	15	47	—	—
Other clerical and kindred workers	868	488	368	165	35	168	12	—
Craftsmen and kindred workers	123	110	13	—	—	13	—	—
Foremen, n.e.c.	12	12	—	—	—	—	—	—
Operatives, except transport	1 089	1 039	50	10	17	23	—	—
Assemblers	152	139	13	—	7	6	—	—
Bottling and canning operatives	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing	115	115	—	—	—	—	—	—
Dressmakers and seamstresses, except factory	5	5	—	—	—	—	—	—
Laundry and drycleaning operatives, including ironers	238	217	21	—	4	17	—	—
Graders and sorters, manufacturing	—	—	—	—	—	—	—	—
Packers and wrappers, except produce	87	81	6	6	—	—	—	—
Sewers and stitchers	30	30	—	—	—	—	—	—
Textile operatives	—	—	—	—	—	—	—	—
Other specified operatives	288	288	—	—	—	—	—	—
Miscellaneous and not specified operatives	174	164	10	4	6	—	—	—
Manufacturing	151	151	—	—	—	—	—	—
Durable goods	90	90	—	—	—	—	—	—
Machinery, including electrical	15	15	—	—	—	—	—	—
Other durable goods	75	75	—	—	—	—	—	—
Nondurable goods, including not specified manufacturing	61	61	—	—	—	—	—	—
Food and kindred products	20	20	—	—	—	—	—	—
Apparel and other fabricated textile products	—	—	—	—	—	—	—	—
Nonmanufacturing industries	23	13	10	4	6	—	—	—
Transport equipment operatives	80	43	32	16	—	16	5	—
Laborers, except farm	122	119	3	—	—	3	—	—
Farmers and farm managers	10	6	—	—	—	—	4	—
Farm laborers and farm foremen	37	37	—	—	—	—	—	—
Paid farm laborers and farm foremen	37	37	—	—	—	—	—	—
Unpaid family workers	—	—	—	—	—	—	—	—
Service workers, except private household¹	2 952	2 305	593	67	239	287	54	—
Cleaning service workers	511	442	69	—	40	29	—	—
Chambermaids and maids	232	223	9	—	9	—	—	—
Food service workers	801	677	120	5	70	45	4	—
Cooks, except private household	322	304	14	—	8	6	4	—
Waiters and food counter workers	242	183	59	—	35	24	—	—
Health service workers	871	692	179	25	79	75	—	—
Nursing aides, orderlies, and attendants	598	476	122	20	70	32	—	—
Practical nurses	215	184	31	5	3	23	—	—
Personal service workers	310	136	128	29	18	81	46	—
Hairdressers and cosmetologists	64	24	—	—	—	40	—	—
Private household workers	964	954	—	—	—	—	10	—
Private household workers, living in	7	7	—	—	—	—	—	—
Private household workers, living out	957	947	—	—	—	—	10	—

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
YOUNGSTOWN-WARREN SMSA								
Total								
Male, 16 years old and over	132 015	112 945	10 722	2 080	1 755	6 887	8 119	229
Professional, technical, and kindred workers	13 212	8 477	3 082	166	815	2 101	1 648	5
Accountants	1 100	863	138	87	19	32	99	—
Architects	68	26	—	—	—	—	42	—
Computer specialists	222	216	6	—	—	6	—	—
Engineers	2 552	2 375	118	18	37	63	59	—
Aeronautical and astronautical	14	14	—	—	—	—	—	—
Civil	268	191	77	—	26	51	—	—
Electrical and electronic	291	281	5	—	5	—	5	—
Mechanical	544	533	6	—	—	6	5	—
Other engineers	1 435	1 356	30	18	6	6	49	—
Lawyers and judges	544	76	81	—	10	71	387	—
Life and physical scientists	300	289	11	—	6	5	—	—
Chemists	275	275	—	—	—	—	—	—
Physicians, dentists, and related practitioners	1 190	427	25	—	19	6	738	—
Dentists	210	26	—	—	—	—	184	—
Pharmacists	214	161	—	—	—	—	53	—
Physicians, medical and osteopathic	628	213	25	—	19	6	390	—
Other related practitioners	138	27	—	—	—	—	111	—
Health technologists and technicians	88	71	11	—	—	11	6	—
Religious workers	496	415	4	—	4	—	77	—
Social scientists	103	52	45	—	6	39	6	—
Social and recreation workers	157	57	100	—	38	62	—	—
Teachers	2 670	473	2 150	—	542	1 608	47	—
College and university	336	27	309	—	295	14	—	—
Elementary and prekindergarten	466	96	370	—	78	292	—	—
Secondary	1 754	292	1 462	—	169	1 293	—	—
Engineering and science technicians	1 672	1 574	82	14	27	41	16	—
Draftsmen and surveyors	941	887	43	—	10	33	11	—
Electrical and electronic engineering technicians	149	131	18	14	—	4	—	—
Technicians, except health, and engineering and science	98	71	27	22	—	5	—	—
Airplane pilots	20	20	—	—	—	—	—	—
Writers, artists, and entertainers	681	550	18	—	9	9	113	—
Other professional, technical, and kindred workers	1 271	942	266	25	98	143	58	5
Managers and administrators, except farm	11 006	8 346	925	190	157	578	1 700	35
Buyers, purchasing agents, and sales managers	1 635	1 516	28	16	12	—	86	5
School administrators	318	37	281	—	44	237	—	—
Specified managers and administrators, public administration	435	—	435	147	59	229	—	—
Other specified managers and administrators	2 070	1 714	57	20	5	32	286	13
Managers and administrators, n.e.c., salaried	5 203	5 079	124	7	37	80	—	—
Manufacturing	1 528	1 528	—	—	—	—	—	—
Wholesale and retail trade	1 919	1 919	—	—	—	—	—	—
Transportation, communications and other public utilities	424	401	23	—	5	18	—	—
All other industries	1 332	1 231	101	7	32	62	—	—
Managers and administrators, n.e.c., self-employed	1 345	—	—	—	—	—	1 328	17
Construction	224	—	—	—	—	—	212	12
Manufacturing	95	—	—	—	—	—	90	5
Wholesale and retail trade	735	—	—	—	—	—	735	—
All other industries	291	—	—	—	—	—	291	—
Sales workers	7 161	6 276	33	—	17	16	847	5
Insurance agents, brokers, and underwriters	904	759	5	—	5	—	140	—
Real estate agents and brokers	295	194	—	—	—	—	101	—
Sales representatives, manufacturing industries	815	802	—	—	—	—	13	—
Sales representatives, wholesale trade	1 338	1 210	—	—	—	—	128	—
Sales clerks, retail trade	1 868	1 668	18	—	12	6	182	—
Salesmen, retail trade	1 024	844	—	—	—	—	175	5
Salesmen of services and construction	272	240	5	—	—	5	27	—
Other sales workers	645	559	5	—	—	5	81	—
Clerical and kindred workers	9 105	7 438	1 588	1 114	142	332	68	11
Bank tellers and cashiers	248	212	36	—	36	—	—	—
Bookkeepers and billing clerks	730	621	83	26	19	38	26	—
Mail handlers and postal clerks	1 083	78	1 005	1 005	—	—	—	—
Other clerical and kindred workers	7 044	6 527	464	83	87	294	42	11
Craftsmen and kindred workers	33 742	30 857	1 078	173	179	726	1 765	42
Apparel craftsmen and upholsterers	136	109	4	—	4	—	23	—
Bakers	197	148	—	—	—	—	45	4
Cabinetmakers	114	90	—	—	—	—	24	—
Construction craftsmen	7 839	6 944	280	17	21	242	602	13
Carpenters	1 768	1 486	34	4	—	30	248	—
Excavating, grading, and road machine operators	749	593	99	—	10	89	52	5
Electricians	1 927	1 846	56	4	5	47	25	—
Masons and tile setters	855	785	—	—	—	—	66	4
Painters, construction and maintenance, and paperhangers	502	352	54	—	6	48	96	—
Plasterers and cement finishers	228	192	4	—	—	4	32	—
Plumbers and pipe fitters	1 125	1 054	30	6	—	24	37	4
Other construction craftsmen	685	636	3	—	—	—	46	—
Foremen, n.e.c.	5 490	5 310	117	37	9	71	58	5
Manufacturing	4 309	4 281	5	5	—	—	23	—
Nonmanufacturing industries	1 181	1 029	112	32	9	71	35	5
Linemen and servicemen, telephone and power	695	662	27	—	—	25	6	—
Locomotive engineers and firemen	550	532	18	11	7	—	—	—
Mechanics and repairmen	6 223	5 289	285	91	30	164	634	15
Air conditioning, heating, and refrigeration	234	204	—	—	—	—	30	—
Aircraft	69	47	22	—	—	—	—	—
Automobile, including body	2 242	1 721	72	25	14	33	434	15
Radio and television	261	172	5	—	—	—	84	—
Other mechanics and repairmen	3 417	3 145	186	39	16	131	86	—
Metal craftsmen, except mechanics	5 801	5 749	14	5	—	9	38	—
Machinists and job and die setters	1 636	1 631	—	—	—	—	5	—
Sheetmetal workers and tinsmiths	411	383	4	—	—	4	24	—
Tool and die makers	769	765	—	—	—	—	4	—
Other metal craftsmen	2 985	2 970	10	5	—	5	5	—
Printing craftsmen	567	527	16	—	5	11	24	—
Compositors and typesetters	277	249	10	—	5	5	18	—
Pressmen and plate printers, printing	211	199	6	—	6	—	6	—
Stationary engineers and power station operators	640	525	115	—	6	109	—	—
Other craftsmen and kindred workers	5 490	4 972	202	10	97	95	311	5

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

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

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

YOUNGSTOWN-WARREN SMSA—Continued

Total—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Operatives, except transport	28 125	27 372	344	66	55	223	400	9
Assemblers.....	1 926	1 912	4	4	—	—	10	—
Checkers, examiners, and inspectors, manufacturing.....	1 882	1 838	40	21	5	14	4	—
Garage workers and gas station attendants.....	1 124	1 052	—	—	—	—	72	—
Laundry and drycleaning operatives, n.e.c.....	156	97	9	—	—	9	50	—
Meat cutters and butchers.....	479	420	—	—	—	—	56	3
Mine operatives, n.e.c.....	55	55	—	—	—	—	—	—
Packers and wrappers, except produce.....	581	573	4	—	4	—	4	—
Painters, manufactured articles.....	713	700	—	—	—	—	13	—
Precision machine operatives.....	2 506	2 496	6	6	—	—	4	—
Sawyers.....	255	247	4	—	—	4	4	—
Stationary firemen.....	235	203	32	—	—	32	—	—
Textile operatives.....	12	12	—	—	—	—	—	—
Welders and flamecutters.....	3 226	3 184	9	—	—	9	33	—
Other metalworking operatives.....	2 961	2 916	26	14	—	12	19	—
Other specified operatives.....	3 609	3 456	82	3	10	69	71	—
Miscellaneous and not specified operatives.....	8 405	8 211	128	18	36	74	60	6
Occupation:								
Machine operatives, miscellaneous specified.....	3 748	3 667	48	—	8	40	27	6
Machine operatives, not specified.....	1 113	1 090	23	—	5	18	—	—
Miscellaneous operatives.....	2 125	2 078	23	6	5	12	24	—
Not specified operatives.....	1 419	1 376	34	12	18	4	9	—
Industry:								
Manufacturing	7 834	7 726	77	15	28	34	25	6
Durable goods.....	6 781	6 685	65	15	28	22	25	6
Wood products, including furniture.....	196	196	—	—	—	—	—	—
Primary metal industries.....	3 485	3 456	17	—	—	17	6	6
Fabricated metal industries.....	964	935	25	—	20	5	4	—
Machinery, including electrical.....	594	594	—	—	—	—	—	—
Motor vehicles and equipment.....	820	809	4	—	4	—	7	—
Transportation equipment, except motor vehicles.....	250	247	—	—	—	—	3	—
Other durable goods.....	472	448	19	15	4	—	5	—
Nondurable goods.....	1 053	1 041	12	—	—	12	—	—
Food and kindred products.....	116	116	—	—	—	—	—	—
Apparel and other fabricated textile products.....	—	—	—	—	—	—	—	—
Paper and allied products.....	56	48	8	—	—	8	—	—
Chemicals and allied products.....	63	63	—	—	—	—	—	—
Other nondurable goods.....	818	814	4	—	—	4	—	—
Not specified manufacturing industries.....	—	—	—	—	—	—	—	—
Nonmanufacturing industries.....	571	485	51	3	8	40	35	—
Transportation, communications, and other public utilities.....	108	81	27	—	5	22	—	—
Wholesale and retail trade.....	268	247	7	—	3	4	14	—
All other industries.....	195	157	17	3	—	14	21	—
Transport equipment operatives	8 006	7 221	481	102	72	307	291	13
Bus drivers.....	162	90	66	7	8	51	6	—
Taxicab drivers and chauffeurs.....	122	103	10	4	—	6	9	—
Truck drivers and deliverymen.....	5 253	4 666	325	57	40	228	249	13
Other transport equipment operatives.....	2 469	2 362	80	34	24	22	27	—
Laborers, except farm	11 756	10 901	687	113	101	473	137	31
Construction laborers.....	1 476	1 224	246	3	48	195	—	6
Freight, stock, and material handlers.....	4 388	4 257	91	46	18	27	31	9
Other specified laborers.....	1 611	1 391	162	9	9	144	58	—
Miscellaneous and not specified laborers.....	4 281	4 029	188	55	26	107	48	16
Occupation:								
Miscellaneous laborers.....	2 118	1 993	87	21	15	51	32	6
Not specified laborers.....	2 163	2 036	101	34	11	56	16	10
Industry:								
Manufacturing	3 640	3 508	103	40	26	37	17	12
Durable goods.....	3 531	3 399	103	40	26	37	17	12
Wood products, including furniture.....	17	11	—	—	—	—	6	—
Metal industries.....	2 853	2 744	91	28	26	37	6	12
Machinery, including electrical.....	189	189	—	—	—	—	—	—
Transportation equipment.....	303	303	—	—	—	—	—	—
Other durable goods.....	169	152	12	12	—	—	5	—
Nondurable goods.....	109	109	—	—	—	—	—	—
Food and kindred products.....	18	18	—	—	—	—	—	—
Not specified manufacturing industries.....	—	—	—	—	—	—	—	—
Nonmanufacturing industries.....	641	521	85	15	—	70	31	4
Railroads and railway express service.....	112	109	3	3	—	—	—	—
Transportation, except railroads.....	25	20	5	—	—	5	—	—
Communications, and utilities and sanitary services.....	73	33	40	—	—	40	—	—
Wholesale and retail trade.....	230	205	5	—	—	5	20	—
All other industries.....	201	154	32	12	—	20	11	4
Farmers and farm managers	779	74	3	—	—	3	702	—
Farm laborers and farm foremen	461	379	10	—	10	—	6	66
Paid farm laborers and farm foremen.....	395	379	10	—	10	—	6	—
Unpaid family workers.....	66	—	—	—	—	—	—	66
Service workers, except private household¹	8 630	5 572	2 491	156	207	2 128	555	12
Cleaning service workers.....	3 475	2 544	890	84	98	708	41	—
Food service workers.....	1 410	1 234	28	—	9	19	136	12
Cooks, except private household.....	456	420	6	—	—	6	30	—
Busboys and dishwashers.....	283	276	7	—	—	7	—	—
Health service workers.....	226	190	36	—	25	11	—	—
Personal service workers.....	775	393	24	6	—	18	358	—
Protective service workers.....	2 230	815	1 415	56	70	1 289	—	—
Firemen, fire protection.....	436	15	421	40	—	381	—	—
Guards and watchmen.....	847	739	108	2	19	87	—	—
Policemen and detectives.....	727	38	689	14	51	624	—	—
Private household workers	32	32	—	—	—	—	—	—

¹Includes allocated cases not shown separately.

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

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

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

YOUNGSTOWN-WARREN 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	67 470	55 638	9 149	874	1 507	6 768	2 128	555
Professional, technical, and kindred workers	9 471	4 921	4 258	75	594	3 589	273	19
Accountants.....	303	217	82	14	9	59	4	—
Computer specialists.....	30	25	5	—	5	—	—	—
Librarians.....	162	41	121	—	17	104	—	—
Mathematical specialists.....	2	2	—	—	—	—	—	—
Life and physical scientists.....	25	19	6	—	—	6	—	—
Registered nurses, dietitians, and therapists.....	2 457	2 117	245	—	44	201	88	7
Dietitians.....	63	63	—	—	—	—	—	—
Registered nurses.....	2 251	1 961	195	—	34	161	88	7
Health technologists and technicians.....	484	463	21	—	—	21	—	—
Social scientists.....	19	6	13	—	—	13	—	—
Social and recreation workers.....	289	85	204	24	49	131	—	—
Teachers: College and university.....	172	23	149	—	149	—	—	—
Elementary and prekindergarten.....	3 054	802	2 247	31	185	2 031	5	—
Secondary.....	1 122	201	921	6	59	856	—	—
Other teachers.....	202	118	9	—	—	9	75	—
Engineering and science technicians.....	139	107	32	—	32	—	—	—
Technicians, except health, and engineering and science.....	25	10	4	—	—	4	11	—
Writers, artists, and entertainers.....	314	265	4	—	—	4	39	6
Actors and dancers.....	10	10	—	—	—	—	—	—
Authors, editors, and reporters.....	56	50	—	—	—	—	—	6
Other professional, technical, and kindred workers.....	672	420	195	—	45	150	51	6
Managers and administrators, except farm	1 986	1 318	295	45	34	216	288	65
Buyers, purchasing agents, and sales managers.....	418	394	15	—	10	5	—	9
Restaurant, cafeteria, and bar managers.....	241	102	47	—	—	47	82	10
School administrators.....	108	34	74	—	15	59	—	—
Other specified managers and administrators.....	366	210	115	34	9	72	35	6
Managers and administrators, n.e.c., salaried.....	622	578	44	11	—	33	—	—
Wholesale and retail trade.....	219	219	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed.....	231	—	—	—	—	—	171	60
Wholesale and retail trade.....	118	—	—	—	—	—	78	40
Sales workers	6 625	6 211	13	—	8	5	321	80
Demonstrators, hucksters, and peddlers.....	295	228	—	—	—	—	67	—
Insurance, real estate agents, and brokers.....	273	213	—	—	—	—	54	6
Sales clerks, retail trade.....	5 130	4 928	4	—	4	—	150	48
Salesmen, retail trade.....	191	175	—	—	—	—	11	5
Other sales workers.....	736	667	9	—	4	5	39	21
Clerical and kindred workers	21 058	18 117	2 539	607	494	1 438	213	189
Bank tellers.....	709	667	42	26	7	9	—	—
Bookkeepers.....	2 688	2 330	194	50	14	130	82	82
Cashiers.....	2 185	2 090	58	—	7	51	31	6
Counter clerks, except food.....	380	359	—	—	—	—	5	16
Enumerators and interviewers.....	61	31	25	25	—	—	5	—
File clerks.....	438	384	54	16	9	29	—	—
Office machine operators.....	861	804	57	15	14	28	—	—
Bookkeeping and billing machine operators.....	141	114	27	6	5	16	—	—
Keypunch operators.....	420	408	12	9	—	3	—	—
Payroll and timekeeping clerks.....	327	313	14	—	5	9	—	—
Receptionists.....	709	678	19	—	6	13	6	6
Secretaries.....	5 464	4 624	777	77	211	489	17	46
Stenographers.....	214	166	38	9	8	21	10	—
Telephone operators.....	930	864	61	15	12	34	5	—
Typists.....	1 666	1 295	352	35	99	218	14	5
Other clerical and kindred workers.....	4 426	3 512	848	339	102	407	38	28
Craftsmen and kindred workers	1 348	1 199	66	—	10	56	69	14
Foremen, n.e.c.....	164	144	20	—	10	10	—	—
Operatives, except transport	10 925	10 593	184	63	31	90	97	51
Assemblers.....	1 960	1 943	17	9	3	5	—	—
Battling and canning operatives.....	—	23	—	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing.....	1 402	1 381	21	16	—	5	—	—
Dressmakers and seamstresses, except factory.....	161	122	—	—	—	—	35	4
Laundry and drycleaning operatives, including ironers.....	648	604	26	7	5	14	6	12
Graders and sorters, manufacturing.....	55	55	—	—	—	—	—	—
Packers and wrappers, except produce.....	773	769	4	—	—	4	—	—
Sewers and stitchers.....	461	428	10	—	5	5	18	5
Textile operatives.....	—	—	—	—	—	—	—	—
Other specified operatives.....	2 256	2 180	47	13	12	22	17	12
Miscellaneous and not specified operatives.....	3 186	3 088	59	18	6	35	21	18
Manufacturing.....	3 000	2 926	48	15	6	27	8	18
Durable goods.....	2 410	2 342	48	10	6	27	8	12
Machinery, including electrical.....	733	694	23	10	—	13	8	8
Other durable goods.....	1 677	1 648	25	5	6	14	—	4
Nondurable goods, including not specified manufacturing.....	590	584	—	—	—	—	—	6
Food and kindred products.....	24	24	—	—	—	—	—	—
Apparel and other fabricated textile products.....	30	30	—	—	—	—	—	—
Nonmanufacturing industries.....	186	162	11	3	—	8	13	—
Transport equipment operatives.....	379	178	186	—	39	147	7	8
Laborers, except farm	789	718	27	17	—	10	37	7
Farmers and farm managers.....	51	—	—	—	—	—	51	—
Farm laborers and farm foremen.....	146	98	4	4	—	—	—	44
Paid farm laborers and farm foremen.....	102	98	4	4	—	—	—	—
Unpaid family workers.....	44	—	—	—	—	—	—	44
Service workers, except private household¹	12 979	10 577	1 577	63	297	1 217	767	58
Cleaning service workers.....	2 040	1 634	388	20	112	256	18	—
Chambermaids and maids.....	376	308	68	7	9	52	—	—
Food service workers.....	5 458	4 685	634	9	115	510	121	18
Cooks, except private household.....	1 497	1 142	291	5	68	218	55	9
Waiters and food counter workers.....	3 025	2 854	101	4	20	77	61	9
Health service workers.....	2 743	2 521	189	18	20	151	22	11
Nursing aides, orderlies, and attendants.....	1 262	1 142	104	6	15	83	10	6
Practical nurses.....	786	724	50	4	5	41	12	—
Personal service workers.....	1 690	958	146	10	24	112	567	19
Hairdressers and cosmetologists.....	1 186	653	—	—	—	—	521	12
Private household workers	1 713	1 708	—	—	—	—	5	—
Private household workers, living in.....	159	159	—	—	—	—	—	—
Private household workers, living out.....	1 554	1 549	—	—	—	—	5	—

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More YOUNGSTOWN-WARREN SMSA—Continued	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Negro								
Male, 16 years old and over	9 388	8 038	992	289	157	546	344	14
Professional, technical, and kindred workers	301	217	41	12	5	24	43	
Accountants	9	4	5	5				
Architects	4	4						
Computer specialists	20	20						
Engineers								
Aeronautical and astronautical	4	4						
Civil								
Electrical and electronic	16	16						
Mechanical	30	14					16	
Other engineers								
Lawyers and judges								
Life and physical scientists								
Chemists	30	17					13	
Physicians, dentists, and related practitioners	13						13	
Dentists								
Pharmacists	10	10						
Physicians, medical and osteopathic	7	7						
Other related practitioners	30	25					5	
Health technologists and technicians								
Religious workers								
Social scientists	30	25	5			5		
Social and recreation workers	40	15	20		5	15	5	
Teachers								
College and university	10	5	5			5		
Elementary and prekindergarten	22	7	15		5	10		
Secondary	22	22						
Engineering and science technicians	5	5						
Draftsmen and surveyors	6	6						
Electrical and electronic engineering technicians								
Technicians, except health, and engineering and science								
Airplane pilots	29	25					4	
Writers, artists, and entertainers	57	46	11	7		4		
Other professional, technical, and kindred workers								
Managers and administrators, except farm	177	93	36	22	6	8	48	
Buyers, purchasing agents, and sales managers	5	5						
School administrators	6		6		6			
Specified managers and administrators, public administration	15		15	7		8		
Other specified managers and administrators	64	40	8	8			16	
Managers and administrators, n.e.c., salaried	55	48	7	7				
Manufacturing	4							
Wholesale and retail trade	31	31						
Transportation, communications and other public utilities								
All other industries	20	13	7	7				
Managers and administrators, n.e.c., self-employed	32						32	
Construction	12						12	
Manufacturing								
Wholesale and retail trade	20						20	
All other industries								
Sales workers	151	129					22	
Insurance agents, brokers, and underwriters								
Real estate agents and brokers								
Sales representatives, manufacturing industries	5	5						
Sales representatives, wholesale trade	17	17						
Sales clerks, retail trade	55	46					9	
Salesmen, retail trade	18	18						
Salesmen of services and construction	5						5	
Other sales workers	51	43					8	
Clerical and kindred workers	603	403	200	144	19	37		
Bank tellers and cashiers	24	24						
Bookkeepers and billing clerks	13	5	8			8		
Mail handlers and postal clerks	137		137	137				
Other clerical and kindred workers	429	374	55	7	19	29		
Craftsmen and kindred workers	1 540	1 410	68	17	17	34	62	
Apparel craftsmen and upholsterers	10	6	4		4			
Bakers	7	7						
Cabinetmakers								
Construction craftsmen	351	290	24			24	37	
Carpenters	16	9					7	
Excavating, grading, and road machine operators	50	45	5			5		
Electricians	20	14					6	
Masons and tile setters	158	152					6	
Painters, construction and maintenance, and paperhangers	11		11			11		
Plasterers and cement finishers	58	40					18	
Plumbers and pipe fitters	18	10	8			8		
Other construction craftsmen	20	20						
Foremen, n.e.c.	144	138	6	6				
Manufacturing	80	80						
Nonmanufacturing industries	64	58	6	6				
Linemen and servicemen, telephone and power	16	16						
Locomotive engineers and firemen	14							
Mechanics and repairmen	226	202	19	6	8	5	5	
Air conditioning, heating, and refrigeration	10	10						
Aircraft								
Automobile, including body	120	110	5			5	5	
Radio and television	4	4						
Other mechanics and repairmen	92	78	14	6	8			
Metal craftsmen, except mechanics	195	195						
Machinists and job and die setters	34	34						
Sheetmetal workers and tinsmiths	4							
Tool and die makers	4	4						
Other metal craftsmen	157	157						
Printing craftsmen	23	23						
Compositors and typesetters	5	5						
Pressmen and plate printers, printing	13	13						
Stationary engineers and power station operators	41	36	5			5		
Other craftsmen and kindred workers	513	483	10	5	5		20	

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

YOUNGSTOWN-WARREN SMSA—Continued

Negro—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Operatives, except transport	2 799	2 659	107	3	40	64	27	6
Assemblers.....	102	102	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing.....	103	103	—	—	—	—	—	—
Garage workers and gas station attendants.....	45	45	—	—	—	—	—	—
Laundry and drycleaning operatives, n.e.c.....	43	39	4	—	—	4	—	—
Meat cutters and butchers.....	—	—	—	—	—	—	—	—
Mine operatives, n.e.c.....	—	—	—	—	—	—	—	—
Packers and wrappers, except produce.....	23	19	4	—	4	—	—	—
Painters, manufactured articles.....	110	106	—	—	—	—	4	—
Precision machine operatives.....	91	91	—	—	—	—	—	—
Sawyers.....	11	11	—	—	—	—	—	—
Stationary firemen.....	40	35	5	—	—	5	—	—
Textile operatives.....	5	5	—	—	—	—	—	—
Welders and flamecutters.....	256	248	3	—	—	3	5	—
Other metalworking operatives.....	461	441	7	—	—	7	13	—
Other specified operatives.....	461	423	38	3	5	30	—	—
Miscellaneous and not specified operatives.....	1 048	991	46	—	31	15	5	6
Occupation:								
Machine operatives, miscellaneous specified.....	471	457	8	—	8	—	—	6
Machine operatives, not specified.....	109	99	10	—	5	5	—	—
Miscellaneous operatives.....	224	213	6	—	—	6	5	—
Not specified operatives.....	244	222	22	—	18	4	—	—
Industry:								
Manufacturing.....	994	951	37	—	28	9	—	6
Durable goods.....	822	779	37	—	28	9	—	6
Wood products, including furniture.....	17	17	—	—	—	—	—	—
Primary metal industries.....	596	586	4	—	—	4	—	6
Fabricated metal industries.....	118	93	25	—	20	5	—	—
Machinery, including electrical.....	10	10	—	—	—	—	—	—
Motor vehicles and equipment.....	46	42	4	—	4	—	—	—
Transportation equipment, except motor vehicles.....	7	7	—	—	—	—	—	—
Other durable goods.....	28	24	4	—	4	—	—	—
Nondurable goods.....	172	172	—	—	—	—	—	—
Food and kindred products.....	—	—	—	—	—	—	—	—
Apparel and other fabricated textile products.....	—	—	—	—	—	—	—	—
Paper and allied products.....	—	—	—	—	—	—	—	—
Chemicals and allied products.....	9	9	—	—	—	—	—	—
Other nondurable goods.....	163	163	—	—	—	—	—	—
Not specified manufacturing industries.....	—	—	—	—	—	—	—	—
Nonmanufacturing industries.....	54	40	9	—	3	6	5	—
Transportation, communications, and other public utilities.....	—	—	—	—	—	—	—	—
Wholesale and retail trade.....	43	35	3	—	3	—	5	—
All other industries.....	11	5	6	—	—	6	—	—
Transport equipment operatives.....	690	554	104	7	14	83	24	8
Bus drivers.....	27	7	20	7	8	5	—	—
Taxicab drivers and chauffeurs.....	—	—	—	—	—	—	—	—
Truck drivers and deliverymen.....	393	283	78	—	—	78	24	8
Other transport equipment operatives.....	270	264	6	—	6	—	—	—
Laborers, except farm	2 154	1 905	205	55	44	104	44	—
Construction laborers.....	479	448	31	—	8	23	—	—
Freight, stock, and material handlers.....	546	500	34	15	6	13	12	—
Other specified laborers.....	295	230	53	9	4	40	12	—
Miscellaneous and not specified laborers.....	834	727	87	31	26	30	20	—
Occupation:								
Miscellaneous laborers.....	440	389	31	3	15	13	20	—
Not specified laborers.....	394	338	56	28	11	17	—	—
Industry:								
Manufacturing.....	736	659	71	28	26	17	6	—
Durable goods.....	699	622	71	28	26	17	6	—
Wood products, including furniture.....	—	—	—	—	—	—	—	—
Metal industries.....	650	579	65	22	26	17	6	—
Machinery, including electrical.....	9	9	—	—	—	—	—	—
Transportation equipment.....	20	20	—	—	—	—	—	—
Other durable goods.....	20	14	6	6	—	—	—	—
Nondurable goods.....	37	37	—	—	—	—	—	—
Food and kindred products.....	—	—	—	—	—	—	—	—
Not specified manufacturing industries.....	—	—	—	—	—	—	—	—
Nonmanufacturing industries.....	98	68	16	3	—	13	14	—
Railroads and railway express service.....	42	39	3	3	—	—	—	—
Transportation, except railroads.....	—	—	—	—	—	—	—	—
Communications, and utilities and sanitary services.....	11	4	7	—	—	7	—	—
Wholesale and retail trade.....	25	11	—	—	—	—	14	—
All other industries.....	20	14	6	—	—	6	—	—
Farmers and farm managers.....	8	—	3	—	—	3	5	—
Farm laborers and farm foremen.....	18	18	—	—	—	—	—	—
Paid farm laborers and farm foremen.....	18	18	—	—	—	—	—	—
Unpaid family workers.....	—	—	—	—	—	—	—	—
Service workers, except private household¹	942	645	228	29	12	187	69	—
Cleaning service workers.....	516	409	107	21	4	82	—	—
Food service workers.....	118	93	13	—	—	13	12	—
Cooks, except private household.....	26	14	6	—	—	6	6	—
Busboys and dishwashers.....	26	19	7	—	—	7	—	—
Health service workers.....	30	25	5	—	5	—	—	—
Personal service workers.....	99	53	9	6	—	3	37	—
Protective service workers.....	100	17	83	2	3	78	—	—
Firemen, fire protection.....	7	7	7	—	—	7	—	—
Guards and watchmen.....	35	12	23	2	—	21	—	—
Policemen and detectives.....	50	—	50	—	3	47	—	—
Private household workers.....	5	5	—	—	—	—	—	—

¹Includes allocated cases not shown separately.

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

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

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

YOUNGSTOWN-WARREN SMSA—Continued

Negro—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Female, 16 years old and over	6 162	5 049	1 011	257	156	598	94	8
Professional, technical, and kindred workers	471	246	225	31	21	173	—	—
Accountants	6	—	6	—	—	6	—	—
Computer specialists	—	—	—	—	—	—	—	—
Librarians	15	6	9	—	—	9	—	—
Mathematical specialists	—	—	—	—	—	—	—	—
Life and physical scientists	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	109	98	11	—	—	11	—	—
Dietitians	10	10	—	—	—	—	—	—
Registered nurses	72	72	—	—	—	—	—	—
Health technologists and technicians	48	48	—	—	—	—	—	—
Social scientists	4	—	4	—	—	—	—	—
Social and recreation workers	63	19	44	13	6	25	—	—
Teachers: College and university	—	—	—	—	—	—	—	—
Elementary and prekindergarten	136	44	92	18	4	70	—	—
Secondary	41	5	36	—	3	33	—	—
Other teachers	5	5	—	—	—	—	—	—
Engineering and science technicians	—	—	—	—	—	—	—	—
Technicians, except health, and engineering and science	6	6	—	—	—	—	—	—
Writers, artists, and entertainers	—	—	—	—	—	—	—	—
Actors and dancers	—	—	—	—	—	—	—	—
Authors, editors, and reporters	—	—	—	—	—	—	—	—
Other professional, technical, and kindred workers	38	15	23	—	8	15	—	—
Managers and administrators, except farm	105	60	29	9	—	20	8	8
Buyers, purchasing agents, and sales managers	—	—	—	—	—	—	—	—
Restaurant, cafeteria, and bar managers	15	15	—	—	—	—	—	—
School administrators	7	—	7	—	—	7	—	—
Other specified managers and administrators	21	5	16	3	—	13	—	—
Managers and administrators, n.e.c., salaried	46	40	6	6	—	—	—	—
Wholesale and retail trade	9	9	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	16	—	—	—	—	—	8	8
Wholesale and retail trade	8	—	—	—	—	—	—	8
Sales workers	224	224	—	—	—	—	—	—
Demonstrators, hucksters, and peddlers	2	2	—	—	—	—	—	—
Insurance, real estate agents, and brokers	29	29	—	—	—	—	—	—
Sales clerks, retail trade	161	161	—	—	—	—	—	—
Salesmen, retail trade	11	11	—	—	—	—	—	—
Other sales workers	21	21	—	—	—	—	—	—
Clerical and kindred workers	1 044	683	361	164	25	172	—	—
Bank tellers	22	22	—	—	—	—	—	—
Bookkeepers	127	92	35	23	3	9	—	—
Cashiers	83	73	10	—	—	10	—	—
Counter clerks, except food	13	13	—	—	—	—	—	—
Enumerators and interviewers	—	—	—	—	—	—	—	—
File clerks	25	25	—	—	—	—	—	—
Office machine operators	9	5	4	4	—	—	—	—
Bookkeeping and billing machine operators	—	—	—	—	—	—	—	—
Keypunch operators	9	5	4	4	—	—	—	—
Payroll and timekeeping clerks	4	—	4	—	—	—	—	—
Receptionists	52	43	9	—	—	9	—	—
Secretaries	161	127	34	9	13	12	—	—
Stenographers	—	—	—	—	—	—	—	—
Telephone operators	68	41	27	15	—	12	—	—
Typists	106	83	23	6	—	17	—	—
Other clerical and kindred workers	374	159	215	107	9	99	—	—
Craftsmen and kindred workers	95	90	5	—	—	5	—	—
Foremen, n.e.c.	8	8	—	—	—	—	—	—
Operatives, except transport	1 106	1 046	60	17	15	28	—	—
Assemblers	162	155	7	4	3	—	—	—
Bottling and canning operatives	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing	77	77	—	—	—	—	—	—
Dressmakers and seamstresses, except factory	8	8	—	—	—	—	—	—
Laundry and drycleaning operatives, including ironers	203	189	14	—	—	14	—	—
Graders and sorters, manufacturing	—	—	—	—	—	—	—	—
Packers and wrappers, except produce	52	52	—	—	—	—	—	—
Sewers and stitchers	29	29	—	—	—	—	—	—
Textile operatives	—	—	—	—	—	—	—	—
Other specified operatives	317	300	17	5	12	—	—	—
Miscellaneous and not specified operatives	258	236	22	8	—	14	—	—
Manufacturing	240	221	19	5	—	14	—	—
Durable goods	220	201	19	5	—	14	—	—
Machinery, including electrical	93	83	10	5	—	5	—	—
Other durable goods	127	118	9	—	—	9	—	—
Nondurable goods, including not specified manufacturing	20	20	—	—	—	—	—	—
Food and kindred products	4	4	—	—	—	—	—	—
Apparel and other fabricated textile products	11	11	—	—	—	—	—	—
Nonmanufacturing industries	18	15	3	3	—	—	—	—
Transport equipment operatives	26	21	5	—	—	5	—	—
Laborers, except farm	158	158	—	—	—	—	—	—
Farmers and farm managers	10	—	—	—	—	—	10	—
Farm laborers and farm foremen	22	18	4	4	—	—	—	—
Paid farm laborers and farm foremen	22	18	4	4	—	—	—	—
Unpaid family workers	—	—	—	—	—	—	—	—
Service workers, except private household¹	2 204	1 806	322	32	95	195	76	—
Cleaning service workers	539	466	73	3	27	43	—	—
Chambermaids and maids	118	101	17	—	—	17	—	—
Food service workers	513	448	60	5	30	25	5	—
Cooks, except private household	197	173	24	5	12	7	—	—
Waiters and food counter workers	99	84	10	—	6	4	5	—
Health service workers	772	698	71	14	15	42	3	—
Nursing aides, orderlies, and attendants	521	461	60	6	15	39	—	—
Practical nurses	168	162	3	—	—	3	—	—
Personal service workers	153	44	45	10	18	17	64	—
Hairdressers and cosmetologists	67	15	—	—	—	—	52	—
Private household workers	697	697	—	—	—	—	—	—
Private household workers, living in	14	14	—	—	—	—	—	—
Private household workers, living out	683	683	—	—	—	—	—	—

¹Includes 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

THE STATE

Total

Male employed

Professional, technical, and kindred workers

Accountants	387	341 430	1 147	4 338	43 359	57 784	44 695	79 353	63 942	20 218	15 221	11 373	37.4
Architects		27 080	12	125	2 827	4 737	3 161	5 929	5 901	1 836	1 571	981	39.5
Computer specialists		2 124	12	12	106	272	256	720	399	134	121	92	40.6
Engineers		10 023	6	97	1 746	2 953	1 897	2 203	854	180	69	18	30.6
Aeronautical and astronautical		69 344	11	166	5 130	10 125	9 106	18 716	16 742	4 967	3 018	1 363	40.4
Civil		3 434			249	487	544	1 239	909	135	62	9	39.3
Electrical and electronic		6 587	6	38	437	792	856	1 954	1 266	458	476	304	41.0
Mechanical		12 335		41	1 026	2 060	1 788	3 418	2 666	775	389	172	38.7
Other engineers		11 664		29	819	1 494	1 382	3 066	3 106	937	583	248	41.9
Lawyers and judges		35 124	5	58	2 597	4 536	9 039	8 795	2 662	1 508	630	40.6	
		11 674		7	118	1 321	1 314	2 881	2 618	945	1 073	1 397	45.7

Life and physical scientists		9 187	11	31	653	1 568	1 536	2 296	1 923	596	441	132	38.5
Chemists		27 080		31	528	1 104	1 658	1 567	1 567	475	337	95	38.9
Physicians, dentists, and related practitioners		23 855	4	31	718	2 379	2 857	6 645	5 122	1 842	1 803	2 454	43.9
Dentists		4 100			6	218	524	1 186	986	230	344	606	46.2
Pharmacists		4 682	4	15	518	512	479	1 181	756	380	446	391	41.9
Physicians, medical and osteopathic		12 430		12	129	1 375	1 608	3 528	2 675	985	850	1 268	43.8
Other related practitioners		2 643		4	65	274	246	750	705	247	163	189	44.8
Health technologists and technicians		3 420	15	140	877	631	494	588	392	145	63	75	30.5
Religious workers		10 693	7	41	396	1 096	1 183	3 151	2 261	870	780	908	43.3
Social scientists		3 873		3	426	810	625	1 001	605	188	79	136	35.7

Social and recreation workers		4 371	114	109	830	715	555	737	618	275	229	189	33.8
Teachers		56 631	148	363	10 955	12 986	7 998	11 653	7 384	2 169	1 785	1 190	32.4
College and university		15 435	14	124	1 897	3 110	2 589	3 577	2 494	649	557	424	35.0
Elementary and prekindergarten		10 108	13	91	2 772	2 495	1 018	1 799	1 157	312	285	166	29.4
Secondary		28 090	11	43	5 834	6 933	4 001	5 741	3 275	1 050	780	422	31.5
Engineering and science technicians		41 815	215	1 556	9 056	7 448	5 246	8 138	6 423	1 902	1 322	509	32.5
Draftsmen and surveyors		19 272	135	920	4 919	3 344	2 167	3 411	2 739	694	623	320	30.7
Electrical and electronic engineering technicians		6 031	23	112	1 103	1 143	936	1 336	969	277	123	9	33.4
Technicians, except health, and engineering and science		4 876	17	78	590	753	682	1 151	1 041	242	196	126	37.8
Airplane pilots		977			86	152	164	231	275	35	26	8	38.7
Writers, artists, and entertainers		23 069	400	822	3 386	3 572	2 661	4 606	4 286	1 397	1 026	913	36.5
Other professional, technical, and kindred workers		39 395	175	757	5 545	6 418	5 124	8 938	7 373	2 530	1 645	890	36.9

Managers and administrators, except farm		256 304	499	1 623	11 978	24 001	26 893	67 388	68 927	25 821	17 523	11 651	44.4
Buyers, purchasing agents, and sales managers		38 430	75	273	2 109	4 489	4 520	10 775	9 703	3 496	2 149	841	42.2
School administrators		7 652	5	14	122	483	1 073	2 745	1 966	611	452	181	42.8
Specified managers and administrators, public administration		12 432		14	261	639	806	2 750	4 102	1 639	1 204	1 017	49.3
Other specified managers and administrators		44 238	136	531	3 575	5 350	4 654	10 145	10 535	4 112	3 261	1 939	42.8
Managers and administrators, n.e.c., salaried		124 454	258	732	5 370	11 562	13 646	34 082	34 160	11 909	7 660	5 075	44.0
Manufacturing		42 067	39	44	885	3 303	4 167	11 905	13 108	4 533	2 718	1 365	45.5
Wholesale and retail trade		37 743	167	442	2 641	4 678	4 700	9 391	8 779	3 318	1 932	1 695	41.6
Transportation, communications, and other public utilities		10 135	5	48	353	833	981	2 890	2 777	985	898	365	44.9
All other industries		34 509	47	198	1 491	2 748	3 798	9 896	9 496	3 073	2 112	1 650	44.1

Managers and administrators, n.e.c., self-employed		29 098	25	59	541	1 478	2 194	6 891	8 461	4 054	2 797	2 598	49.0
Construction		5 593			116	271	490	1 774	1 662	575	415	290	45.9
Manufacturing		2 297	9	8	49	89	103	522	688	316	306	207	50.4
Wholesale and retail trade		15 151	16	42	291	781	1 236	3 267	4 262	2 349	1 523	1 384	49.6
All other industries		6 057		9	85	337	365	1 328	1 849	814	553	717	49.9

Sales workers		161 029	7 330	6 485	15 661	18 987	15 583	33 095	32 527	12 407	9 533	9 421	40.0
Insurance agents, brokers, and underwriters		20 186	19	19	1 755	3 072	2 281	4 967	4 613	1 482	988	990	40.9
Real estate agents and brokers		7 738	5	22	217	473	626	1 651	1 946	878	785	1 135	49.5
Sales representatives, manufacturing industries		22 297	105	144	1 399	3 175	2 491	6 252	5 056	1 561	1 095	819	40.8
Sales representatives, wholesale trade		29 313	87	191	2 232	4 238	3 548	6 864	6 613	2 562	1 669	1 309	41.4
Sales clerks, retail trade		36 729	3 868	4 321	5 606	2 987	2 276	4 483	5 582	2 560	2 376	2 700	33.5
Salesmen, retail trade		20 018	321	667	2 099	2 264	1 693	3 919	4 511	1 770	1 395	1 375	42.6
Salesmen of services and construction		7 834	159	168	645	969	872	1 955	1 718	587	438	303	40.5
Other sales workers		16 914	2 766	953	1 688	1 809	1 596	3 034	2 484	1 007	787	790	33.9

Clerical and kindred workers		187 416	4 355	9 947	28 029	21 428	16 941	35 305	38 109	15 257	11 018	7 027	38.7
Bank tellers and cashiers		5 949	735	966	1 328	493	284	409	632	331	303	468	24.8
Bookkeepers and billing clerks		14 733	104	511	2 268	1 740	1 254	2 545	2 758	1 325	1 075	1 153	40.9
Mail handlers and postal clerks		25 262	330	813	1 739	1 800	2 254	4 468	7 861	2 392	1 115	490	43.8
Other clerical and kindred workers		141 472	3 186	7 657	22 694	17 395	13 149	25 883	26 858	11 209	8 525	4 916	37.6

Craftsmen and kindred workers		585 553	3 934	13 443	53 081	63 994	64 107	139 836	141 686	54 359	36 217	14 896	41.7
Apparel craftsmen and upholsterers		3 332	44	103	264	204	236	639	728	325	375	414	47.4
Bakers		4 221	101	189	344	393	435	938	780	526	359	156	41.9
Cabinetmakers		2 166	16	51	209	209	206	371	494	210	235	165	45.4
Construction craftsmen		134 845	900	2 852	11 977	13 988	14 702	33 784	32 432	11 824	8 208	4 178	41.8
Carpenters		34 957	291	852	2 859	3 346	3 503	8 573	8 784	3 066	2 244	1 439	42.7
Excavating, grading, and road machine operators		13 302	44	157	935	1 342	1 693	3 739	3 255	1 126	725	286	41.6
Electricians		28 191	73	445	2 869	3 484	3 120	6 945	6 611	2 303	1 691	650	40.9
Masons and tile setters		10 780	25	261	987	1 035	1 391	3 187	2 448	802	460	184	40.3
Painters, construction and maintenance, and paperhangers		13 899	332	503	1 123	1 209	1 404	2 862	3 040	1 563	1 173	690	43.3
Plasterers and cement finishers		4 199	27	61	301	357	481	1 289	1 083	322	135	143	41.8
Plumbers and pipe fitters		21 516	73	349	1 994	2 132	2 115	5 213	5 002	1 992	1 414	632	42.9
Other construction craftsmen		8 001	35	224	909	1 083	995	1 976	1 609	650	366	154	38.8

Foremen, n.e.c.		94 089	57	308	3 238	8 013	11 117	26 228	27 136	10 299	6 324	1 369	44.3
Manufacturing		66 324	33	164	2 178	5 890	7 939	18 438	19 193	7 528	4 234	727	44.2
Nonmanufacturing industries		27 765	24	144	1 060	2 123	3 178	7 790	7 943	2 771	2 090	642	44.4
Linemen and servicemen, telephone and power		19 040	24	1 009	4 198	3 571	2 459	4 580	2 322	489	329	59	31.5
Locomotive engineers and firemen		5 721		95	577	457	358	977	1 779	711	492	275	47.2
Mechanics and repairmen		126 088	1 665	4 245	12 941	15 786	14 608	29 415	27 613	10 228	6 817	2 770	39.7
Air conditioning, heating, and refrigeration		5 852	19	136	556	70							

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

Total—Continued

Male employed—Continued

	Persons 14 and 15 years old	Persons 16 years old and over										Median age	
		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
Operatives, except transport	2 085	500 075	10 435	25 689	67 445	64 838	52 907	99 653	101 852	42 360	25 423	9 473	37.9
Assemblers.....	53	51 399	383	2 462	9 423	8 656	5 657	9 434	9 405	3 558	1 825	596	34.2
Checkers, examiners, and inspectors; manufacturing.....	8	37 034	62	807	4 143	4 566	3 691	8 411	8 747	4 058	2 054	495	41.2
Garage workers and gas station attendants.....	757	21 057	5 700	5 164	2 946	1 397	923	1 630	1 352	771	526	648	19.9
Laundry and drycleaning operatives, n.e.c.....	26	2 658	216	240	271	264	181	464	434	214	187	187	38.4
Meat cutters and butchers.....	10	11 347	150	413	1 148	1 565	1 411	2 251	1 960	1 100	776	573	39.4
Mine operatives, n.e.c.....	4	3 976	14	137	487	535	394	753	947	375	242	92	40.6
Packers and wrappers, except produce.....	68	13 613	609	1 277	2 389	1 584	1 154	2 227	2 477	1 037	685	174	34.1
Pointers, manufactured articles.....	15	8 592	93	392	1 151	1 217	1 151	1 542	1 873	675	380	118	36.9
Precision machine operatives.....	21	50 228	172	1 766	6 096	7 221	5 265	9 763	11 507	4 859	2 723	856	39.7
Sawyers.....	—	3 880	33	273	481	380	370	722	799	431	273	118	40.6
Stationary firemen.....	8	7 296	10	65	410	486	561	1 497	1 994	1 006	868	399	48.1
Textile operatives.....	12	1 413	27	91	190	232	157	277	239	107	86	7	35.3
Welders and flamecutters.....	24	38 766	123	1 173	4 351	5 254	4 638	9 095	8 649	3 242	1 780	461	39.2
Other metalworking operatives.....	43	40 123	251	1 654	4 814	5 019	4 881	8 734	8 882	3 409	1 907	572	38.9
Other specified operatives.....	755	67 340	1 103	3 186	9 147	8 123	6 976	13 847	13 352	5 685	3 839	2 082	38.7
Miscellaneous and not specified operatives.....	281	141 353	1 489	6 589	19 998	18 339	15 497	29 006	29 235	11 833	7 272	2 095	38.0
Occupation:													
Machine operatives, miscellaneous specified.....	88	64 798	529	2 606	8 728	8 849	7 245	13 426	13 654	5 468	3 372	921	38.3
Machine operatives, not specified.....	16	30 669	143	1 315	4 328	4 135	3 618	6 373	6 437	2 401	1 511	408	37.8
Miscellaneous operatives.....	122	28 378	669	1 927	4 539	3 517	2 799	5 373	5 409	2 251	1 356	538	36.4
Not specified operatives.....	55	17 508	148	741	2 403	1 838	1 835	3 834	3 735	1 713	1 033	228	39.7
Industry:													
Manufacturing.....	129	128 719	889	5 678	18 289	16 983	14 354	26 771	26 667	10 828	6 619	1 641	38.1
Durable goods.....	85	83 761	504	3 644	11 507	10 572	9 268	17 649	17 746	7 258	4 480	1 133	38.6
Wood products, including furniture.....	13	2 408	63	221	347	236	208	383	481	218	175	76	38.4
Primary metal industries.....	5	19 047	47	668	2 072	2 000	2 066	4 324	4 657	1 770	1 239	204	41.2
Fabricated metal industries.....	19	11 113	84	584	1 636	1 225	1 305	2 257	2 314	897	599	212	38.2
Machinery, including electrical.....	26	22 878	108	1 164	3 524	3 473	2 400	4 604	4 505	1 805	1 012	283	36.7
Motor vehicles and equipment.....	—	12 349	19	254	1 766	1 746	1 698	2 699	2 496	1 076	517	78	37.6
Transportation equipment, except motor vehicles.....	7	2 960	29	92	269	423	234	683	767	301	145	17	41.3
Other durable goods.....	15	13 006	154	661	1 893	1 469	1 357	2 699	2 526	1 191	793	263	38.6
Nondurable goods.....	44	44 032	375	1 961	6 652	6 333	4 963	8 931	8 756	3 501	2 081	479	36.9
Food and kindred products.....	11	5 111	89	248	751	667	679	978	904	467	228	100	36.2
Apparel and other fabricated textile products.....	—	286	9	13	59	22	31	50	39	14	22	27	36.8
Paper and allied products.....	—	8 001	46	367	1 384	1 070	1 044	1 832	1 482	405	294	77	35.5
Chemicals and allied products.....	13	6 675	9	240	1 015	1 004	864	1 600	1 171	474	257	41	36.3
Other nondurable goods.....	20	23 959	222	1 093	3 443	3 570	2 345	4 471	5 160	2 141	1 280	234	37.9
Not specified manufacturing industries.....	—	926	10	73	130	78	123	191	165	69	58	29	37.6
Nonmanufacturing industries.....	152	12 634	600	911	1 709	1 356	1 143	2 235	2 568	1 005	653	454	37.7
Transportation, communications, and other public utilities.....	11	2 895	52	161	367	398	325	478	633	252	194	35	38.0
Wholesale and retail trade.....	92	5 293	359	439	715	496	456	921	1 004	375	257	271	37.0
All other industries.....	49	4 446	189	311	627	462	362	836	931	378	202	148	38.3
Transport equipment operatives.....	403	154 620	1 816	4 936	15 526	17 588	18 327	38 305	35 042	12 140	7 264	3 676	40.0
Bus drivers.....	—	6 437	9	30	463	402	486	1 218	1 869	993	701	266	48.3
Toxic drivers and chauffeurs.....	5	4 212	51	143	470	388	253	784	951	478	323	371	45.2
Truck drivers and deliverymen.....	201	106 340	1 438	3 390	9 820	12 541	13 010	27 681	24 231	7 830	4 359	2 040	39.7
Other transport equipment operatives.....	197	37 631	318	1 373	4 773	4 257	4 578	8 622	7 991	2 839	1 881	999	39.1
Laborers, except farm.....	4 442	168 687	17 016	18 249	26 638	17 204	13 458	26 232	25 253	11 407	8 299	4 931	31.9
Construction laborers.....	194	24 256	942	1 522	3 212	2 710	2 444	4 662	4 472	2 062	1 492	738	37.8
Freight, stock, and material handlers.....	1 493	70 999	10 634	10 049	12 596	6 798	5 301	9 490	8 911	3 654	2 462	1 104	26.6
Other specified laborers.....	2 086	34 633	3 734	3 375	4 612	3 288	2 546	5 158	5 214	2 568	2 134	2 004	34.5
Miscellaneous and not specified laborers.....	669	38 799	1 706	3 303	6 218	4 408	3 167	6 922	6 656	3 123	2 211	1 085	35.9
Occupation:													
Miscellaneous laborers.....	119	14 085	292	722	1 699	1 514	1 163	3 016	2 945	1 366	1 006	362	40.5
Not specified laborers.....	550	24 714	1 414	2 581	4 519	2 894	2 004	3 906	3 711	1 757	1 205	723	32.4
Industry:													
Manufacturing.....	75	26 027	443	2 141	4 592	3 399	2 404	4 962	4 451	1 940	1 287	408	35.1
Durable goods.....	38	21 401	256	1 615	3 812	2 723	2 005	4 220	3 717	1 653	1 071	329	35.7
Wood products, including furniture.....	—	541	34	38	112	62	47	88	102	19	29	10	32.6
Metal industries.....	10	12 495	54	834	2 071	1 470	1 244	2 629	2 315	1 034	677	167	37.2
Machinery, including electrical.....	4	2 979	60	275	623	401	321	454	468	182	127	68	32.0
Transportation equipment.....	5	2 421	15	130	516	411	213	493	363	198	73	9	33.3
Other durable goods.....	19	2 965	93	338	490	379	180	556	469	220	165	75	35.0
Nondurable goods.....	37	4 463	170	509	770	639	383	727	719	271	203	72	31.9
Food and kindred products.....	23	1 024	69	137	191	144	89	145	125	70	37	17	29.0
Not specified manufacturing industries.....	—	163	17	10	37	16	15	15	15	16	13	7	30.2
Nonmanufacturing industries.....	594	12 772	1 263	1 162	1 626	1 009	763	1 960	2 205	1 183	924	677	37.9
Railroads and railway express service.....	—	2 225	5	82	214	108	72	383	576	293	396	96	49.3
Transportation, except railroads.....	20	646	38	60	79	72	23	147	105	83	24	15	38.5
Communications, and utilities and sanitary services.....	24	1 619	20	71	230	155	127	318	341	170	132	55	41.5
Wholesale and retail trade.....	262	4 043	691	550	477	365	258	547	509	270	148	228	29.2
All other industries.....	288	4 239	509	399	626	309	283	565	674	367	224	283	34.9
Farmers and farm managers.....	118	44 397	221	350	1 506	2 562	2 769	7 569	10 737	5 858	5 168	7 657	51.7
Farm laborers and farm foremen.....	2 072	17 047	3 321	1 958	2 071	1 308	1 039	1 942	1 703	1 204	1 022	1 479	29.5
Paid family laborers and farm foremen.....	1 556	14 880	2 700	1 604	1 687	1 233	997	1 809	1 589	1 122	944	1 195	31.1
Unpaid family workers.....	516	2 167	621	354	384	75	42	133	114	82	78	284	21.4
Service workers, except private household.....	5 840	176 210	17 802	13 012	18 498	13 663	12 058	26 463	29 748	16 187	13 815	14 964	39.9
Cleaning service workers.....	1 982	65 979	5 333	4 533	5 663	3 300	3 465	8 506	12 271	8 463	7 266	7 179	46.8
Food service workers.....	2 378	34 625	10 190	5 676	4 816	4 378	1 136	3 034	3 654	1 770	1 293	1 578	21.5
Cooks, except private household.....	379	10 750	3 112	1 904	1 284	490	383	1 104	1 142	566	358	407	21.4
Busboys and dishwashers.....</													

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

Total—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											Median age
		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	
Female employed	10 972	1 469 665	40 050	88 798	231 397	138 962	121 687	286 465	310 934	118 947	78 090	54 335	39.0
Professional, technical, and kindred workers	290	221 099	971	3 457	42 461	32 900	21 340	42 669	39 717	16 444	12 597	8 543	37.2
Accountants.....	11	8 667	16	259	1 258	773	614	1 848	2 111	819	703	266	42.6
Computer specialists.....	—	2 372	—	79	1 029	422	200	315	236	54	21	16	25.9
Librarians.....	18	5 193	124	224	729	502	339	843	1 214	448	487	283	43.0
Mathematical specialists.....	—	391	4	16	55	60	41	93	58	37	16	11	37.1
Life and physical scientists.....	—	1 140	3	6	259	175	119	216	236	55	38	33	35.4
Registered nurses, dietitians, and therapists.....	24	44 648	91	290	7 708	6 299	5 060	9 771	8 683	3 307	2 294	1 143	37.9
Dietitians.....	—	2 139	61	75	252	206	167	362	601	215	96	104	43.5
Registered nurses.....	24	40 358	20	177	6 821	5 695	4 703	9 028	7 765	3 006	2 132	1 011	38.1
Health technologists and technicians.....	7	9 379	49	557	3 159	1 702	894	1 374	989	346	180	129	27.7
Social scientists.....	—	932	—	12	144	249	100	175	104	81	40	27	33.1
Social and recreation workers.....	21	7 072	46	110	1 484	1 010	523	1 245	1 288	595	432	339	37.9
Teachers: College and university.....	—	5 997	11	141	1 084	1 068	738	1 122	954	349	258	272	34.7
Elementary and prekindergarten.....	38	64 310	83	274	12 133	10 195	6 200	12 690	11 414	5 639	4 703	2 799	38.2
Secondary.....	10	24 146	32	59	5 348	4 660	2 127	4 052	4 160	1 576	1 224	908	34.6
Other teachers.....	79	5 967	156	175	728	706	635	1 135	1 086	475	363	508	40.1
Engineering and science technicians.....	4	4 446	21	299	1 128	530	352	910	859	204	78	65	33.5
Technicians, except health, and engineering and science.....	—	783	—	21	161	42	121	195	149	57	16	21	37.4
Writers, artists, and entertainers.....	29	10 022	227	476	1 886	1 331	891	1 964	1 695	603	488	461	36.0
Actors and dancers.....	—	313	17	48	135	62	17	15	14	—	—	5	23.4
Authors, editors, and reporters.....	—	2 786	23	67	490	425	232	551	524	150	194	130	37.8
Other professional, technical, and kindred workers.....	49	23 634	108	459	3 988	3 176	2 386	4 721	4 481	1 799	1 254	1 262	38.6
Managers and administrators, except farm	49	45 863	133	504	3 174	2 938	3 305	9 955	13 826	5 394	3 820	2 814	47.1
Buyers, purchasing agents, and sales managers.....	5	7 491	22	148	894	631	545	1 550	2 310	773	435	183	44.7
Restaurant, cafeteria, and bar managers.....	6	5 756	13	28	196	283	419	1 235	2 103	730	473	276	48.3
School administrators.....	—	2 440	5	11	67	87	147	616	733	357	280	137	48.9
Other specified managers and administrators.....	4	9 960	21	113	858	690	729	1 994	2 686	1 220	936	713	47.1
Managers and administrators, n.e.c., salaried.....	15	15 473	65	198	1 105	1 128	1 213	3 665	4 474	1 572	1 135	918	45.8
Wholesale and retail trade.....	4	5 309	30	118	454	345	362	1 372	1 486	563	358	221	44.8
Managers and administrators, n.e.c., self-employed.....	19	4 703	7	6	54	119	252	895	1 520	742	561	587	51.8
Wholesale and retail trade.....	11	3 048	7	—	34	79	152	619	942	472	340	363	51.5
Sales workers	1 055	121 423	7 230	9 543	12 516	7 025	8 149	22 482	29 039	12 011	7 633	5 795	42.2
Demonstrators, hucksters, and peddlers.....	10	7 471	99	150	847	1 110	1 174	1 672	1 375	519	303	222	37.1
Insurance, real estate agents, and brokers.....	4	7 298	20	100	483	481	606	1 735	2 229	737	409	498	46.0
Sales clerks, retail trade.....	446	85 530	6 001	8 054	8 637	3 650	4 597	14 766	21 262	8 864	5 452	4 047	42.9
Salesmen, retail trade.....	3	3 020	140	129	279	180	214	675	632	409	186	176	43.4
Other sales workers.....	592	18 104	970	1 110	2 270	1 604	1 558	3 434	3 541	1 482	1 283	852	39.5
Clerical and kindred workers	1 699	512 145	12 065	46 317	106 397	48 635	40 791	94 195	98 136	32 193	21 391	12 025	35.2
Bank tellers.....	4	11 501	118	1 017	2 884	1 221	888	2 438	2 078	515	227	115	32.9
Bookkeepers.....	95	59 296	499	2 908	8 647	4 625	4 962	12 415	14 093	5 168	3 800	2 179	41.4
Cashiers.....	248	40 243	3 409	4 813	6 454	3 191	3 097	7 651	7 372	2 331	1 218	707	33.6
Counter clerks, except food.....	27	9 054	484	926	1 384	704	609	1 596	1 851	719	529	252	37.6
Enumerators and interviewers.....	—	1 973	5	21	230	203	239	547	454	134	80	60	40.3
File clerks.....	130	13 431	769	2 365	3 317	924	731	1 665	1 997	822	530	311	26.4
Office machine operators.....	30	23 025	200	2 436	6 589	3 078	2 163	3 966	2 892	949	538	214	28.7
Bookkeeping and billing machine operators.....	4	2 781	17	313	800	368	264	504	284	95	90	46	28.5
Keypunch operators.....	9	13 342	87	1 469	4 282	2 097	1 357	2 308	1 227	327	139	49	27.0
Payroll and timekeeping clerks.....	8	6 689	28	385	1 208	546	522	1 424	1 577	586	288	125	39.6
Receptionists.....	59	15 903	405	1 776	3 583	1 266	1 008	2 604	2 879	1 047	782	553	34.6
Secretaries.....	117	136 890	1 206	9 917	31 516	15 568	11 740	25 332	26 686	7 512	4 881	2 532	34.4
Stenographers.....	7	4 841	32	551	1 071	457	280	785	981	312	245	127	35.4
Telephone operators.....	37	18 648	291	2 520	4 330	1 368	1 209	3 363	3 012	1 012	1 023	520	33.4
Typists.....	94	47 955	1 498	6 485	12 036	4 383	3 667	7 630	7 321	2 490	1 534	911	29.5
Other clerical and kindred workers.....	843	122 696	3 121	10 197	23 148	11 101	9 676	22 779	24 943	8 596	5 716	3 419	36.8
Craftsmen and kindred workers	111	28 327	329	1 001	3 077	2 493	2 521	6 071	6 983	2 680	1 763	1 409	42.8
Foremen, n.e.c.....	15	5 535	10	60	367	421	405	1 324	1 620	752	363	213	46.1
Operatives, except transport	662	200 443	1 474	6 889	23 345	19 881	19 710	46 538	50 245	17 883	9 405	5 073	41.2
Assemblers.....	36	32 410	97	1 119	4 760	3 927	3 373	7 771	7 483	2 449	1 050	381	38.8
Bottling and canning operatives.....	—	685	—	32	54	102	60	175	158	18	65	21	40.4
Checkers, examiners, and inspectors; manufacturing.....	38	22 267	86	353	1 884	2 101	2 277	5 211	6 493	2 555	1 019	288	43.5
Dressmakers and seamstresses, except factory.....	11	4 230	27	20	132	178	172	648	1 102	775	582	594	53.5
Laundry and drycleaning operatives, including ironers.....	50	11 716	195	351	994	810	868	2 552	3 351	1 306	732	557	45.3
Graders and sorters, manufacturing.....	—	1 271	—	35	107	103	83	272	374	144	118	35	45.9
Packers and wrappers, except produce.....	56	20 252	278	851	2 202	2 036	2 073	5 231	5 116	1 497	682	286	40.1
Sewers and stitchers.....	17	13 610	77	438	1 270	894	991	2 802	3 580	1 756	1 168	634	45.9
Textile operatives.....	—	1 510	10	35	172	115	91	439	382	134	89	43	42.6
Other specified operatives.....	380	44 122	469	1 632	5 364	4 458	4 507	10 055	10 621	3 478	2 126	1 412	40.6
Miscellaneous and not specified operatives.....	74	48 370	235	2 023	6 406	5 157	5 215	11 382	11 585	3 771	1 774	822	39.5
Manufacturing	59	44 613	151	1 730	5 922	4 905	4 921	10 631	10 632	3 483	1 606	632	39.4
Durable goods.....	20	24 619	64	918	3 405	2 930	2 696	5 851	5 735	1 869	831	320	38.9
Machinery, including electrical.....	16	10 790	42	478	1 736	1 656	1 260	2 413	2 259	620	219	107	35.9
Other durable goods.....	4	13 829	22	440	1 669	1 274	1 436	3 438	3 476	1 249	612	213	41.0
Nondurable goods, including not specified manufacturing.....	39	19 994	87	812	2 517	1 975	2 225	4 780	4 897	1 614	775	312	40.0
Food and kindred products.....	17	2 329	20	81	255	161	252	475	616	260	154	55	43.3
Apparel and other fabricated textile products.....	—	984	3	55	128	88	109	206	208	119	55	13	40.3
Nonmanufacturing industries.....	15	3 757	84	293	484	252	294	751	953	288	168	190	41.3
Transport equipment operatives	40	8 481	58	185	617	819	1 477	2 676	<				

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

Male employed

	Persons 14 and 15 years old	Persons 16 years old and over											Median age	
		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		
Professional, technical, and kindred workers	79	185 704	4 346	7 405	20 620	20 438	19 714	43 359	39 019	14 667	9 675	6 461	39.7	
Engineers.....	—	882	—	7	85	143	155	238	187	30	29	8	37.1	
Lawyers and judges.....	—	243	—	—	4	—	10	90	77	21	6	35	47.3	
Life and physical scientists.....	—	310	—	5	43	41	37	107	65	12	—	—	37.7	
Physicians, dentists, and related practitioners.....	—	492	—	—	18	31	43	161	131	27	18	63	44.6	
Health workers, except practitioners.....	—	596	22	21	95	62	108	166	78	34	—	10	34.5	
Social and recreation workers.....	23	838	55	46	127	103	110	199	120	44	14	20	34.0	
Teachers.....	15	1 956	16	29	300	396	269	513	257	79	57	40	34.0	
Technicians, except health.....	—	1 403	16	109	397	302	129	307	115	9	15	4	28.0	
Writers, artists, and entertainers.....	19	740	22	25	118	138	94	165	98	35	26	19	33.6	
Other professional, technical, and kindred workers.....	22	3 414	28	83	588	546	419	799	531	172	111	137	35.5	
Managers and administrators, except farm	4	5 584	32	76	356	748	632	1 502	1 325	471	231	211	41.3	
Salaried.....	4	4 464	32	67	324	692	545	1 240	1 017	313	143	91	39.6	
Manufacturing.....	—	439	—	—	18	125	78	91	18	13	5	—	34.9	
Retail trade.....	—	1 015	24	39	139	250	148	196	115	45	35	24	31.9	
All other industries.....	4	3 010	8	28	167	317	319	953	811	250	95	62	42.0	
Self-employed.....	—	1 120	—	9	32	56	87	262	308	158	88	120	48.7	
Retail trade.....	—	474	—	—	12	15	73	120	121	64	14	55	46.4	
All other industries.....	—	646	—	9	20	41	14	142	187	94	74	65	50.2	
Sales workers	464	3 774	331	385	609	428	486	751	462	136	94	128	31.4	
Manufacturing and wholesale trade.....	401	926	108	86	150	133	134	155	111	24	—	25	29.5	
Retail trade.....	57	1 956	5	270	297	175	227	364	201	79	64	61	30.4	
All other industries.....	6	892	5	29	162	120	125	232	114	33	30	42	35.2	
Clerical and kindred workers	127	15 736	453	985	2 197	1 860	1 656	3 697	3 007	999	590	292	36.9	
Bookkeepers and billing clerks.....	—	465	9	28	117	68	49	96	59	18	17	4	31.1	
Mail handlers and postal clerks.....	13	4 689	96	163	285	364	576	1 485	1 206	307	135	72	40.8	
Other clerical and kindred workers.....	114	10 582	348	794	1 795	1 428	1 031	2 116	1 742	674	438	216	34.5	
Craftsmen and kindred workers	112	28 801	132	681	2 635	3 078	3 308	7 619	6 907	2 317	1 422	702	41.0	
Carpenters.....	10	833	4	29	68	40	90	194	208	84	64	52	44.6	
Construction craftsmen, except carpenters.....	—	5 432	16	108	396	443	562	1 525	1 472	485	294	131	42.8	
Automobile mechanics, including body repairmen.....	—	2 689	22	54	257	297	297	759	623	182	137	61	40.5	
Mechanics and repairmen, except auto.....	4	2 897	18	42	231	378	302	734	636	294	182	80	41.5	
Machinists.....	—	1 081	4	38	148	157	144	252	161	90	71	16	37.0	
Metal craftsmen, except mechanics and machinists.....	5	3 329	—	76	246	366	348	864	907	338	132	52	42.3	
Foremen, n.e.c.....	—	2 823	—	9	109	244	383	969	795	194	80	40	41.9	
Other craftsmen and kindred workers.....	93	9 717	68	325	1 180	1 153	1 182	2 322	2 105	650	462	270	39.1	
Operatives, except transport	140	50 894	499	1 906	6 562	6 969	6 198	11 468	10 508	3 629	2 239	916	37.9	
Assemblers.....	12	5 484	39	305	1 168	1 018	738	1 011	784	289	93	59	31.4	
Garage workers and gas station attendants.....	34	1 058	102	134	77	124	63	262	169	77	38	12	36.1	
Laundry and drycleaning operatives, including ironers.....	8	984	60	75	65	71	44	220	241	121	60	27	43.0	
Precision machine operatives.....	—	2 503	5	45	349	406	367	637	427	160	93	14	36.2	
Other operatives, except transport.....	86	40 865	293	1 347	4 903	5 350	4 986	9 338	8 887	2 982	1 955	824	38.8	
Durable goods, manufacturing.....	17	28 094	75	866	3 386	3 799	3 487	6 569	6 045	2 008	1 379	480	38.7	
Non-durable goods, including not specified manufacturing.....	8	7 852	69	263	969	1 118	1 016	1 690	1 682	550	328	167	37.9	
Nonmanufacturing industries.....	61	4 919	149	218	548	433	483	1 079	1 160	424	248	177	40.8	
Transport equipment operatives.....	46	15 132	56	344	1 299	1 293	1 755	4 092	3 796	1 243	774	480	41.0	
Truck drivers.....	16	6 688	4	102	400	494	685	2 084	1 777	610	343	189	43.0	
Other transport equipment operatives.....	30	8 444	52	242	899	799	1 070	2 008	2 019	633	431	291	40.8	
Laborers, except farm	379	26 260	832	1 159	2 894	2 427	2 256	5 891	5 796	2 520	1 644	841	41.0	
Construction laborers.....	9	4 331	14	48	229	264	419	1 123	1 313	510	309	102	45.5	
Freight, stack, and material handlers.....	110	7 975	523	517	1 038	801	669	1 709	1 566	597	383	172	37.6	
Other laborers, except farm.....	260	13 954	295	594	1 627	1 362	1 168	3 059	2 917	1 413	952	567	41.3	
Manufacturing industries.....	51	6 751	57	314	900	757	582	1 528	1 422	674	398	119	40.0	
Farmers and farm managers.....	—	462	5	7	28	10	50	112	76	69	52	53	47.5	
Farm laborers and farm foremen.....	13	678	36	28	136	32	51	91	112	89	32	71	41.2	
Service workers, except private household¹	688	26 821	1 811	1 497	2 121	1 784	1 919	5 216	5 239	2 686	2 232	2 316	43.2	
Cleaning service workers.....	230	13 829	658	702	904	692	784	2 559	3 035	1 606	1 493	1 396	47.0	
Food service workers.....	234	4 201	846	463	348	253	297	710	522	303	194	265	33.2	
Health service workers.....	13	1 297	73	82	165	165	132	340	205	86	22	27	35.9	
Personal service workers.....	57	1 800	114	43	107	89	155	378	341	190	184	199	45.4	
Protective service workers.....	18	2 201	4	—	186	275	247	465	429	167	186	242	43.4	
Private household workers.....	12	688	—	12	8	47	29	175	168	45	89	115	49.3	
Female employed	995	150 842	3 009	7 421	21 862	17 142	16 452	36 072	28 876	9 944	5 857	4 387	37.7	
Professional, technical, and kindred workers.....	49	16 366	122	326	2 285	2 451	2 207	4 623	4 623	2 861	793	427	271	36.7
Registered nurses.....	5	2 319	—	19	193	299	378	718	515	111	39	47	38.8	
Health workers, except nurses.....	—	1 818	31	65	338	229	207	572	285	57	18	16	35.7	
Teachers, elementary and secondary schools.....	18	6 070	17	59	745	1 048	727	1 838	1 062	334	187	53	37.4	
Technicians, except health.....	—	287	7	11	115	26	53	52	15	—	8	—	27.0	
Other professional, technical, and kindred workers.....	26	5 872	67	172	894	849	842	1 443	984	291	175	155	35.8	
Managers and administrators, except farm.....	6	2 372	5	18	148	206	188	763	633	197	134	80	43.1	
Salaried.....	6	2 040	5	18	134	202	161	676	527	148	110	59	42.4	
Self-employed.....	—	332	—	—	14	4	27	87	106	49	24	21	48.2	
Sales workers	74	4 937	261	405	828	488	519	1 158	791	272	123	92	34.7	
Retail trade.....	60	4 171	231	391	718	407	427	964	642	222	99	70	34.0	
Clerical and kindred workers.....	294	37 264	1 161	4 119	9 548	5 134	4 184	7 200	4 102	1 012	478	326	28.7	
Bookkeepers and cashiers.....	23	3 954	187	354	912	534	533	819	434	95	26	60	29.9	
Office machine operators.....	6	2 529	16	196	906	521	267	443	126	33	16	5	26.4	
Secretaries, stenographers, and typists.....	63	10 217	342	1 239	2 954	1 690	1 198	1 643	813	235	64	39	26.7	
Other clerical and kindred workers.....	202	20 564	616	2 330	4 776	2 389	2 186	4 295	2 729	649	372	222	30.4	
Craftsmen and kindred workers.....	10	2 265	38	51	335	279	235	512	471	177	65	102	38.8	
Operatives, except transport	85	21 889	188	740	3 242	3 203	2 979	5 349	4 039	1 220	637	292	36.1	
Sewers and stitchers.....	—	1 537	22	56	186	175	209	344	356	137	47	5	38.5	
Laundry and drycleaning operatives, including ironers.....	16	3 834	34	95	372	257	303	1 116	1 104	333	144	76	42.7	
Other operatives, except transport.....	69	16 518	132	589	2 684	2 771	2 467	3 889	2 579	750	446	211	34.2	
Durable goods, manufacturing.....	13	8 517	20	298	1 656	1 611	1 292	2 043	1 073	302	151	71	32.6	
Non-durable goods, including not														

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											Median age
		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	
THE STATE—Continued													
Persons of Spanish Language													
Male employed													
Professional, technical, and kindred workers	20	20 414	511	945	3 068	3 132	2 631	4 948	3 410	880	499	390	34.8
Engineers	—	3 133	7	38	338	558	506	999	488	112	59	28	36.2
Lawyers and judges	—	507	—	—	14	114	56	168	109	33	13	—	39.1
Life and physical scientists	—	95	—	—	—	7	—	42	18	14	7	7	—
Physicians, dentists, and related practitioners	—	85	—	—	8	24	28	18	7	—	—	—	—
Health workers, except practitioners	—	629	—	—	9	77	106	274	131	7	11	14	39.5
Social and recreation workers	6	57	—	—	15	22	11	5	4	—	—	—	—
Teachers	—	35	—	10	—	8	10	—	7	—	—	—	—
Technicians, except health	—	634	—	—	114	101	121	194	65	19	20	—	34.2
Writers, artists, and entertainers	14	348	—	8	129	49	48	68	46	—	—	—	28.8
Other professional, technical, and kindred workers	—	172	—	7	8	30	20	54	40	5	8	—	38.9
Managers and administrators, except farm	—	571	7	13	41	126	106	176	61	34	—	7	34.6
Managers and administrators, except farm	—	1 225	—	—	105	173	148	382	260	76	36	45	39.9
Salaries	—	1 049	—	—	98	159	115	335	225	48	31	38	39.6
Manufacturing	—	256	—	—	6	27	41	80	81	13	8	—	41.8
Retail trade	—	231	—	—	51	26	13	59	55	14	8	5	39.3
All other industries	—	562	—	—	41	106	61	196	89	21	15	33	38.7
Self-employed	—	174	—	—	7	14	33	47	35	28	5	7	42.2
Retail trade	—	101	—	—	7	7	33	20	22	7	5	—	36.8
All other industries	—	75	—	—	—	7	—	27	13	21	—	7	—
Sales workers	81	841	36	46	133	95	121	186	121	12	46	45	34.6
Manufacturing and wholesale trade	81	278	13	14	46	54	74	44	5	6	8	—	34.8
Retail trade	—	367	23	27	90	23	45	60	45	—	29	25	32.3
All other industries	—	196	—	5	29	26	22	52	32	7	11	12	38.1
Clerical and kindred workers	8	1 086	36	103	260	221	87	197	104	33	12	33	28.3
Bookkeepers and billing clerks	—	66	—	—	—	15	16	19	—	8	—	8	—
Mail handlers and postal clerks	—	90	—	14	14	21	7	—	34	—	—	—	—
Other clerical and kindred workers	8	930	36	89	246	185	64	178	70	25	12	25	27.5
Craftsmen and kindred workers	14	3 367	27	92	501	464	552	917	563	158	62	31	35.5
Carpenters	—	157	—	8	41	18	—	33	38	19	—	—	38.5
Construction craftsmen, except carpenters	—	465	—	—	63	67	77	153	85	20	—	—	36.7
Automobile mechanics, including body repairmen	8	225	6	10	53	30	12	74	19	15	6	—	35.2
Mechanics and repairmen, except auto	—	536	6	23	76	86	81	120	88	27	20	9	34.8
Machinists	—	158	—	—	34	29	29	32	27	7	—	—	32.8
Metal craftsmen, except mechanics and machinists	—	516	6	12	74	73	77	115	117	28	9	5	36.4
Foremen, n.e.c.	—	429	—	7	50	47	106	115	84	13	7	—	35.4
Other craftsmen and kindred workers	6	881	9	32	110	114	170	275	105	29	20	17	35.2
Operatives, except transport	20	5 795	80	310	831	1 038	791	1 286	1 018	273	111	57	34.0
Assemblers	—	744	5	11	128	203	133	177	59	22	—	6	30.9
Garage workers and gas station attendants	—	48	9	33	12	7	—	5	—	—	—	—	—
Laundry and drycleaning operatives, including ironers	—	66	6	11	—	6	—	20	—	5	—	—	—
Precision machine operatives	—	413	—	12	79	34	46	119	75	19	17	12	38.0
Other operatives, except transport	20	4 524	60	243	612	788	612	965	884	227	94	39	34.6
Durable goods, manufacturing	7	3 315	21	154	419	580	429	771	693	160	58	30	35.7
Nondurable goods, including not specified manufacturing	13	762	21	46	122	161	127	113	113	35	15	9	31.2
Nonmanufacturing industries	—	447	18	43	71	47	56	81	78	32	21	—	34.0
Transport equipment operatives	9	917	23	35	166	135	142	185	156	44	26	5	33.5
Truck drivers	—	299	8	—	19	51	61	89	46	11	14	—	36.2
Other transport equipment operatives	9	618	15	35	147	84	81	96	110	33	12	5	31.7
Laborers, except farm	40	2 181	102	163	473	257	141	444	402	83	90	26	33.4
Construction laborers	—	180	6	5	62	29	24	12	36	6	—	—	27.9
Freight, stock, and material handlers	13	795	57	87	236	81	45	128	129	20	7	5	26.1
Other laborers, except farm	27	1 206	39	71	175	147	72	304	237	57	83	21	38.3
Manufacturing industries	—	780	5	32	123	105	49	194	174	42	43	13	38.9
Farmers and farm managers	—	55	—	—	6	15	—	10	6	11	—	7	—
Farm laborers and farm foremen	8	433	40	23	92	26	42	111	60	6	8	25	34.2
Service workers, except private household ¹	78	1 373	160	135	163	150	101	231	232	72	49	80	33.9
Cleaning service workers	34	605	48	43	85	39	52	69	134	50	36	49	40.1
Food service workers	35	381	84	81	28	19	14	75	50	14	—	16	24.6
Health service workers	—	64	15	11	21	10	—	7	—	—	—	—	—
Personal service workers	—	108	7	—	—	29	19	26	19	—	—	8	34.7
Protective service workers	—	154	—	—	29	46	12	30	29	8	—	—	30.8
Private household workers	—	8	—	—	—	—	—	—	—	—	—	8	—
Female employed													
Professional, technical, and kindred workers	115	10 013	375	742	2 054	1 352	1 066	2 280	1 497	349	204	94	32.3
Registered nurses	7	1 485	—	41	269	267	217	338	242	53	37	21	33.8
Health workers, except nurses	—	245	—	—	62	24	24	96	15	10	14	—	36.3
Teachers, elementary and secondary schools	—	183	—	13	42	49	36	9	34	—	—	—	28.7
Technicians, except health	—	490	—	8	92	109	74	115	51	24	7	10	32.4
Other professional, technical, and kindred workers	7	25	—	—	5	20	—	—	—	—	—	—	—
Managers and administrators, except farm	5	542	—	20	68	65	83	118	142	19	16	11	38.0
Salaries	—	198	—	—	45	17	24	67	32	13	—	—	36.9
Self-employed	5	166	—	—	39	17	24	41	32	13	—	—	35.7
Self-employed	—	32	—	—	6	—	—	26	—	—	—	—	—
Sales workers	5	615	46	63	105	67	31	149	86	49	4	15	34.3
Retail trade	5	552	46	63	98	63	26	136	62	39	4	15	31.2
Clerical and kindred workers	—	2 845	100	325	844	468	264	452	283	79	17	13	26.6
Bookkeepers and cashiers	—	523	35	59	149	99	31	76	61	13	—	—	25.9
Office machine operators	—	206	—	27	45	26	42	44	8	7	7	—	30.6
Secretaries, stenographers, and typists	—	1 031	32	98	374	206	44	149	102	14	7	5	25.3
Other clerical and kindred workers	—	1 085	33	141	276	137	147	183	112	45	3	8	28.4
Craftsmen and kindred workers	—	196	5	20	17	40	16	36	45	6	6	5	35.0
Operatives, except transport	6	2 184	44	69	405	271	249	643	375	57	49	22	35.8
Sewers and stitchers	6	475	—	13	86	53	40	174	70	22	17	—	37.6
Laundry and drycleaning operatives, including ironers	—	175	—	—	22	6	28	48	43	10	7	11	41.6
Other operatives, except transport	—	1 534	44	56	297	212	181	421	262	25	25	11	34.4
Durable goods, manufacturing	—	685	6	12	119	103	92	234	105	4	5	5	35.4
Nondurable goods, including not specified manufacturing	—	520	20	21	108	90	65	106	96	7	7	—	31.6
Nonmanufacturing industries	—	329	18	23	70	19	24	81	61	14	13	6	36.3
Transport equipment operatives	—	11	—	—	—	11	—	—	—	—	—	—	—
Laborers, except farm	17	105	15	9	13	—	5	37	15	6	—	5	37.8
Farmers and farm managers	—	—	—	—	—	—	—	—	—	—	—	—	—
Farm laborers and farm foremen	—	101	—	—	11	11	26	10	38	—	5	—	37.5
Service workers, except private household ¹	30	2 044	142	194	321	193	206	505	342	68	60	13	34.2
Cleaning service workers	12	362	—	21	26	36	62	118	74	6	19	—	38.1
Food service workers	18	702	78	94	98	68	59	156	100	35	14	—	31.1
Health service workers	—	512	13	35	113	58	45	118	114	11	—	5	34.1
Practical nurses	—	68											

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**

AKRON SMSA

Total

	Persons 14 and 15 years old	Persons 16 years old and over											Median age
		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	
Male employed	1 700	168 769	4 488	6 743	20 650	19 653	16 445	36 589	36 063	13 871	9 423	4 844	39.5
Professional, technical, and kindred workers	17	25 050	49	275	3 457	4 476	2 975	5 872	4 826	1 534	1 011	575	37.2
Accountants		1 814	—	13	164	304	186	422	408	143	145	29	40.7
Architects		116	—	—	11	33	10	31	16	5	10	—	36.3
Computer specialists		716	—	6	137	172	136	198	50	17	—	—	31.6
Engineers		6 015	—	10	559	994	590	1 513	1 486	485	266	112	40.6
Aeronautical and astronautical		332	—	—	6	33	14	116	144	15	4	—	44.7
Civil		517	—	—	43	82	59	145	96	53	15	24	40.1
Electrical and electronic		757	—	5	59	98	85	261	151	41	35	22	40.0
Mechanical		1 094	—	—	137	173	77	223	296	125	48	15	42.2
Other engineers		3 315	—	5	314	608	355	768	799	251	164	51	39.9
Lawyers and judges		661	—	—	5	55	49	182	157	87	48	78	47.5
Life and physical scientists		924	—	5	83	139	155	206	238	39	51	8	38.9
Chemists		841	—	5	72	128	145	180	221	34	51	5	38.9
Physicians, dentists, and related practitioners		1 507	—	—	34	208	187	485	281	101	103	108	41.7
Dentists		219	—	—	—	35	31	90	50	6	20	36	45.5
Pharmacists		273	—	—	30	35	26	70	50	6	15	10	39.5
Physicians, medical and osteopathic		888	—	—	—	152	125	280	144	75	55	57	41.0
Other related practitioners		127	—	—	4	10	5	45	41	4	13	5	44.9
Health technologists and technicians		191	—	5	57	23	20	24	43	10	9	—	32.6
Religious workers		536	—	—	25	50	44	203	98	53	42	21	42.3
Social scientists		317	—	—	40	71	26	64	83	17	—	16	38.4
Social and recreation workers		287	4	11	47	69	28	55	43	14	5	11	32.2
Teachers		4 078	8	36	754	1 000	673	865	453	149	85	55	31.8
College and university		1 538	—	10	234	358	263	293	197	94	45	44	33.2
Elementary and prekindergarten		523	—	7	159	165	62	101	20	9	—	—	27.9
Secondary		1 821	—	—	315	453	321	439	212	41	35	5	32.2
Engineering and science technicians		3 303	10	81	838	563	347	559	622	164	83	36	32.3
Draftsmen and surveyors		1 389	10	40	426	215	156	226	222	31	35	28	30.1
Electrical and electronic engineering technicians		336	—	10	62	51	38	65	90	20	—	—	36.1
Technicians, except health, engineering and science		244	—	5	57	35	28	47	50	3	15	4	34.5
Airplane pilots		60	—	—	5	10	9	22	14	—	—	—	...
Writers, artists, and entertainers		1 664	18	73	266	282	203	356	287	92	40	47	34.8
Other professional, technical, and kindred workers		2 677	9	30	380	478	293	662	511	155	109	50	37.2
Managers and administrators, except farm	4	17 009	7	150	859	1 690	1 897	4 677	4 614	1 548	961	606	43.3
Buyers, purchasing agents, and sales managers		2 978	—	32	147	403	387	878	721	231	132	47	40.9
School administrators		447	—	—	4	27	24	208	117	39	22	6	43.1
Specified managers and administrators, public administration		519	—	—	20	25	47	89	183	83	38	34	49.3
Other specified managers and administrators		2 590	7	52	242	346	302	616	574	232	149	70	40.6
Managers and administrators, n.e.c., salaried		8 872	—	66	426	816	991	2 494	2 535	720	515	309	43.6
Manufacturing		3 791	—	—	70	269	403	1 043	1 228	351	310	117	45.9
Wholesale and retail trade		2 337	—	51	239	321	256	621	491	161	105	92	39.9
Transportation, communications, and other public utilities		613	—	—	29	52	62	186	199	71	10	4	43.8
All other industries		2 131	—	15	88	174	270	644	617	137	90	96	43.1
Managers and administrators, n.e.c., self-employed		1 603	—	—	20	73	146	392	484	243	105	140	48.5
Construction		337	—	—	9	4	31	99	91	45	41	17	47.8
Manufacturing		113	—	—	—	—	9	33	35	18	5	13	49.1
Wholesale and retail trade		752	—	—	7	60	69	183	214	131	28	60	47.7
All other industries		401	—	—	4	9	37	77	144	49	31	50	50.1
Sales workers	746	10 237	479	428	1 240	1 214	951	2 214	2 019	710	500	482	38.6
Insurance agents, brokers, and underwriters		1 153	—	5	80	168	149	288	289	71	43	60	41.1
Real estate agents and brokers		495	—	—	17	16	43	142	99	35	50	93	48.0
Sales representatives, manufacturing industries		1 601	—	—	93	317	162	466	357	108	53	45	39.9
Sales representatives, wholesale trade		1 703	6	8	160	239	202	443	405	124	66	50	40.3
Sales clerks, retail trade		2 362	198	273	567	213	110	221	362	179	106	133	28.4
Salesmen, retail trade		1 254	33	45	147	130	96	244	279	116	105	59	42.2
Salesmen of services and construction		534	11	5	55	35	71	198	113	14	20	12	39.5
Other sales workers		1 135	231	92	121	96	118	212	115	63	57	30	31.2
Clerical and kindred workers	55	11 314	222	627	1 730	1 208	1 029	2 153	2 236	987	806	316	38.9
Bank tellers and cashiers		359	65	60	98	20	28	9	15	13	26	25	22.8
Bookkeepers and billing clerks		863	—	36	146	107	62	172	169	72	48	51	39.7
Mail handlers and postal clerks		1 428	34	113	77	70	182	321	438	126	55	12	42.4
Other clerical and kindred workers		8 664	123	418	1 409	1 011	757	1 651	1 614	776	677	228	38.7
Craftsmen and kindred workers	34	36 162	311	978	3 945	4 117	3 647	8 598	8 676	3 008	2 195	687	40.9
Apparel craftsmen and upholsterers		220	9	9	24	16	12	27	52	24	16	31	47.5
Bakers		263	6	21	35	43	31	40	32	37	18	—	34.3
Cabinetmakers		134	—	4	2	16	21	21	32	24	9	5	45.9
Construction craftsmen		7 862	70	169	802	824	769	1 926	1 997	682	429	194	41.7
Carpenters		1 951	33	48	130	155	217	548	546	143	81	50	42.2
Excavating, grading, and road machine operators		738	6	6	77	85	84	196	122	94	48	20	40.7
Electricians		1 795	10	24	226	269	167	372	445	179	75	28	40.4
Masons and tile setters		490	—	15	35	63	63	139	110	39	5	21	40.0
Painters, construction and maintenance, and paperhangers		659	16	33	74	53	36	137	183	26	53	48	43.6
Plasterers and cement finishers		307	—	9	17	31	37	98	101	8	—	6	41.1
Plumbers and pipe fitters		1 514	—	21	214	109	119	338	411	157	134	11	43.7
Other construction craftsmen		408	5	13	29	59	46	98	79	36	33	10	40.3
Foremen, n.e.c.		6 678	5	24	271	623	750	1 886	1 918	679	449	73	43.8
Manufacturing		4 808	5	10	168	481	592	1 254	1 397	531	312	58	44.2
Nonmanufacturing industries		1 870	—	14	103	142	158	632	521	148	137	15	43.2
Linemen and servicemen, telephone and power		1 336	—	57	331	222	159	296	239	11	21	—	51.8
Locomotive engineers and firemen		224	—	—	37	30	21	52	56	23	—	5	39.6
Mechanics and repairmen		8 215	130	331	931	1 060	853	1 918	1 775	630	480	107	39.2
Air conditioning, heating, and refrigeration		345	—	23	28	19	18	121	76	25	29	6	42.0
Aircraft		147	6	—	5	4	12	41	30	25	24	—	46.8
Automobile, including body		3 333	79	238	462	517	404	724	619	162	89	39	34.6
Radio and television		327	6	25	28	44	43	82	72	22	8	—	37.1
Other mechanics and repairmen		4 063	39	45	408	476	376	950	978	396	333	62	42.2
Metal craftsmen, except mechanics		6 213	24	173	738	751	599	1 421	1 477	536	369	125	40.8
Machinists and job and die setters		2 617	18	95	329	340	274	535	552	207	191	76	39.7
Sheetmetal workers and tinsmiths		60											

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**

AKRON SMSA—Continued

Total—Continued

Male employed—Continued

	Persons 14 and 15 years old	Persons 16 years old and over										Median age	
		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
Operatives, except transport	97	35 835	781	1 639	4 592	4 018	3 375	7 323	7 866	3 563	2 087	591	39.8
Assemblers	—	2 007	26	78	315	246	207	347	453	213	81	41	38.8
Checkers, examiners, and inspectors; manufacturing	—	2 443	5	37	287	252	151	563	604	326	188	30	43.7
Garage workers and gas station attendants	40	1 592	431	379	221	114	97	117	57	85	58	33	19.9
Laundry and drycleaning operatives, n.e.c.	—	184	16	17	30	10	6	48	21	6	5	25	37.7
Meat cutters and butchers	—	570	5	35	52	61	79	138	82	55	43	20	38.8
Mine operatives, n.e.c.	—	74	—	4	8	—	—	26	16	16	4	—	—
Packers and wrappers, except produce	5	708	55	67	104	91	34	126	140	46	42	3	35.2
Painters, manufactured articles	—	502	—	13	67	62	56	88	118	65	24	9	41.0
Precision machine operatives	—	3 487	16	172	566	501	358	658	718	268	166	64	37.0
Sawyers	—	129	—	5	18	23	12	39	16	5	11	—	36.7
Stationary firemen	3	424	—	5	39	11	47	101	110	65	27	19	45.8
Textile operatives	—	33	—	—	—	—	5	12	16	—	—	—	—
Welders and flamecutters	5	2 855	7	101	260	407	347	774	627	206	110	16	38.9
Other metalworking operatives	—	2 092	29	57	245	229	326	584	312	143	129	38	37.7
Other specified operatives	20	4 772	68	212	753	409	420	1 053	965	482	260	150	40.0
Miscellaneous and not specified operatives	24	13 963	123	457	1 627	1 602	1 230	2 649	3 611	1 582	939	143	42.3
Occupations													
Machine operatives, miscellaneous specified	10	8 969	51	267	969	1 092	794	1 693	2 341	1 066	624	72	42.7
Machine operatives, not specified	—	1 423	16	53	221	223	171	233	347	88	54	17	36.2
Miscellaneous operatives	6	2 085	41	104	293	186	153	431	483	227	136	31	41.2
Not specified operatives	8	1 486	15	33	144	101	112	292	440	201	125	23	46.0
Industry													
Manufacturing	10	13 206	87	418	1 545	1 503	1 143	2 516	3 479	1 532	876	107	42.6
Durable goods	—	3 579	51	176	467	486	413	833	742	272	93	46	37.4
Wood products, including furniture	—	106	21	27	—	5	16	5	20	4	8	—	30.0
Primary metal industries	—	561	5	14	54	77	88	156	89	58	14	6	37.7
Fabricated metal industries	—	846	6	34	123	102	85	191	213	58	16	18	38.8
Machinery, including electrical	—	877	10	47	161	162	108	146	153	53	20	17	32.7
Motor vehicles and equipment	—	235	6	—	26	36	42	83	23	14	—	5	35.9
Transportation equipment, except motor vehicles	—	371	—	10	5	46	9	120	135	41	5	—	44.6
Other durable goods	—	583	3	44	98	58	65	132	109	44	30	—	36.8
Nondurable goods	10	9 511	36	242	1 065	1 007	715	1 679	2 703	1 240	763	61	45.0
Food and kindred products	—	155	—	4	14	—	44	31	39	18	5	—	40.0
Apparel and other fabricated textile products	—	14	—	4	—	4	—	—	—	—	6	—	—
Paper and allied products	—	189	5	25	66	22	18	31	22	—	—	—	24.9
Chemicals and allied products	4	362	—	10	46	59	28	76	90	35	18	—	40.0
Other nondurable goods	6	8 791	31	199	939	922	625	1 541	2 552	1 187	734	61	45.5
Not specified manufacturing industries	—	116	—	—	13	10	15	4	34	20	20	—	49.7
Nonmanufacturing industries	14	757	36	39	82	99	87	133	132	50	63	36	37.7
Transportation, communications, and other public utilities	—	109	11	5	10	19	5	22	25	8	—	4	37.0
Wholesale and retail trade	14	404	16	29	51	44	49	70	71	26	29	19	36.9
All other industries	—	244	9	5	21	36	33	41	36	16	34	13	39.4
Transport equipment operatives	17	10 109	64	317	1 062	1 072	1 142	2 615	2 441	785	441	170	40.3
Bus drivers	—	258	—	—	60	14	15	56	47	31	28	7	42.1
Taxicab drivers and chauffeurs	—	223	—	5	24	33	7	51	51	6	32	14	43.3
Truck drivers and deliverymen	6	7 467	53	230	623	826	879	1 981	1 907	596	299	73	40.7
Other transport equipment operatives	11	2 161	11	82	355	199	241	527	436	152	82	76	38.7
Laborers, except farm	194	10 300	1 002	1 188	2 058	991	696	1 549	1 536	596	497	187	29.6
Construction laborers	18	1 300	59	113	205	146	93	274	215	116	64	15	36.2
Freight, stock, and material handlers	40	4 846	611	632	1 048	390	357	677	691	174	180	86	26.7
Other specified laborers	112	2 323	235	275	461	236	138	289	314	189	133	53	29.0
Miscellaneous and not specified laborers	24	1 831	97	168	344	219	108	309	316	117	120	33	34.1
Occupation													
Miscellaneous laborers	—	694	21	6	118	84	41	167	133	59	59	6	39.6
Not specified laborers	24	1 137	76	162	226	135	67	142	183	58	61	27	28.9
Industry													
Manufacturing	—	1 281	40	117	257	162	71	214	220	101	90	9	34.5
Durable goods	—	648	16	58	161	99	29	123	72	41	45	4	29.5
Wood products, including furniture	—	33	—	—	9	17	—	—	7	—	—	—	—
Metal industries	—	306	5	15	78	35	10	73	37	27	26	—	36.4
Machinery, including electrical	—	64	5	8	10	10	9	18	4	—	—	—	—
Transportation equipment	—	66	—	—	11	10	—	21	10	5	9	—	—
Other durable goods	—	179	6	35	53	27	10	11	14	9	10	4	24.6
Nondurable goods	—	633	24	59	96	63	42	91	148	60	45	5	38.6
Food and kindred products	—	30	10	—	—	—	6	6	8	—	—	—	—
Not specified manufacturing industries	—	—	—	—	—	—	—	—	—	—	—	—	—
Nonmanufacturing industries	24	550	57	51	87	57	37	95	96	16	30	24	33.1
Railroads and railway express service	—	61	—	—	6	5	5	23	22	—	—	—	—
Transportation, except railroads	—	41	12	5	—	9	5	10	—	—	—	—	—
Communications, and utilities and sanitary services	—	88	4	—	15	5	10	10	39	5	—	—	—
Wholesale and retail trade	5	177	27	21	45	26	12	20	9	11	—	6	24.5
All other industries	19	183	14	25	21	12	5	32	26	—	30	18	39.5
Farmers and farm managers	—	542	6	11	9	15	13	85	107	88	57	151	56.4
Farm laborers and farm foremen	62	429	105	42	104	40	20	42	48	5	5	18	23.2
Paid farm laborers and farm foremen	44	365	69	26	97	40	20	42	48	5	5	13	24.5
Unpaid family workers	18	64	36	16	7	—	—	—	—	—	—	5	—
Service workers, except private household¹	467	11 732	1 456	1 078	1 576	812	700	1 449	1 694	1 043	863	1 061	36.7
Cleaning service workers	153	4 875	458	376	534	256	227	494	862	630	514	524	46.1
Food service workers	226	2 415	825	492	419	83	31	110	115	122	74	144	19.6
Cooks, except private household	65	677	219	165	80	23	9	24	53	25	28	51	19.4
Busboys and dishwashers	135	781	419	172	131	14	4	15	10	5	—	11	17.9
Health service workers	12	334	26	43	130	20	24	21	27	17	13	13	23.8
Personal service workers	27	1 110	96	48	139	120	58	196	196	53	42	162	39.8
Protective service workers	—	2 295	—	—	193	293	303	534	406	189	179	198	41.7
Firemen, fire protection	—	466	—	—	17	33	97	159	103	39	18	—	40.4
Guards and watchmen	—	763	—	—	43	35	39	155	141	93	132	125	52.8
Policemen and detectives	—	945	—	—	133	210	161	220	140	53	14	14	34.0
Private household workers	7	50	6	10	18	—	—	12	—	4	—	—	—

¹Includes 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**

AKRON SMSA—Continued

Total—Continued

Female employed

	Persons 14 and 15 years old	Persons 16 years old and over											Median age
		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	
Female employed	629	91 294	2 396	5 982	15 396	8 126	6 829	17 857	20 150	7 523	4 411	2 624	38.9
Professional, technical, and kindred workers	18	14 255	43	177	3 080	2 251	1 280	2 707	2 645	1 012	719	341	36.1
Accountants	—	432	—	5	63	49	31	97	66	51	70	—	42.0
Computer specialists	—	139	—	6	86	14	6	21	6	—	—	—	23.7
Librarians	—	352	—	9	56	40	38	51	69	36	43	10	41.5
Mathematical specialists	—	16	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists	—	91	—	—	35	20	—	7	12	14	—	—	3
Registered nurses, dietitians, and therapists	—	2 762	3	23	543	386	228	609	573	191	141	65	38.3
Dietitians	—	157	3	—	24	21	9	35	17	26	12	10	41.1
Registered nurses	—	2 474	—	17	487	338	202	545	548	159	123	55	38.5
Health technologists and technicians	—	728	5	29	249	171	76	88	72	38	—	—	27.4
Social scientists	—	45	—	—	4	20	6	—	9	—	6	—	—
Social and recreation workers	—	547	—	5	139	88	53	93	60	29	54	26	33.9
Teachers: College and university	—	546	—	10	148	89	45	105	99	4	25	21	32.9
Elementary and prekindergarten	9	4 195	—	5	890	708	407	838	698	295	236	118	36.0
Secondary	—	1 527	—	—	327	279	142	270	312	149	40	9	35.6
Other teachers	4	364	10	—	29	54	20	83	97	36	20	15	43.3
Engineering and science technicians	—	332	—	18	102	27	18	35	116	11	5	—	35.3
Technicians, except health, and engineering and science	—	58	—	—	26	5	—	12	—	6	—	—	—
Writers, artists, and entertainers	5	606	16	27	141	71	39	107	139	29	16	21	35.8
Actors and dancers	—	8	—	—	4	—	—	—	—	—	—	—	—
Authors, editors, and reporters	—	127	7	—	30	32	10	9	29	6	4	—	29.1
Other professional, technical, and kindred workers	—	1 515	9	40	242	230	162	287	314	118	63	50	37.6
Managers and administrators, except farm	—	2 798	6	21	235	166	157	610	955	346	167	135	47.1
Buyers, purchasing agents, and sales managers	—	445	6	—	72	56	16	86	119	59	15	16	43.4
Restaurant, cafeteria, and bar managers	—	392	—	—	5	4	40	92	174	37	23	17	48.2
School administrators	—	111	—	—	11	4	5	24	27	21	7	12	49.3
Other specified managers and administrators	—	517	—	10	52	30	16	87	187	72	33	30	48.4
Managers and administrators, n.e.c., salaried	—	1 097	—	11	85	64	76	251	414	91	59	46	46.5
Wholesale and retail trade	—	409	—	6	59	19	33	97	128	41	17	9	44.0
Managers and administrators, n.e.c., self-employed	—	236	—	—	10	8	4	70	34	66	30	14	52.6
Wholesale and retail trade	—	146	—	—	5	—	—	54	13	46	14	14	55.1
Sales workers	36	8 557	473	705	1 006	427	593	1 540	2 136	834	475	368	42.0
Demonstrators, hucksters, and peddlers	—	494	4	10	45	107	83	84	73	29	35	24	34.9
Insurance, real estate agents, and brokers	—	647	—	—	19	35	73	154	216	73	26	51	47.0
Sales clerks, retail trade	11	6 064	394	620	802	186	350	1 020	1 574	606	304	208	41.7
Salesmen, retail trade	3	211	—	4	19	3	9	71	48	33	7	17	44.9
Other sales workers	22	1 141	75	71	121	96	78	217	225	93	103	68	47.1
Clerical and kindred workers	57	33 706	681	3 228	7 311	2 895	2 411	6 397	6 740	2 242	1 295	506	35.5
Bank tellers	—	810	4	48	179	64	56	230	177	33	14	5	37.3
Bookkeepers	—	3 535	23	175	490	236	229	832	931	319	214	86	42.4
Cashiers	12	2 605	153	349	482	180	145	523	521	161	59	32	34.8
Counter clerks, except food	—	557	29	63	74	25	35	118	120	36	47	10	39.4
Enumerators and interviewers	—	83	—	5	14	4	5	14	26	—	15	—	—
File clerks	3	871	41	142	214	35	56	121	122	61	67	12	30.3
Office machine operators	—	1 529	9	112	452	182	159	280	255	65	10	5	30.3
Bookkeeping and billing machine operators	—	141	—	5	42	31	44	—	10	4	5	—	28.8
Keypunch operators	—	973	—	78	300	128	93	216	113	35	5	5	29.2
Payroll and timekeeping clerks	—	487	4	19	55	61	26	93	124	87	14	4	43.4
Receptionists	—	1 128	34	87	303	83	66	192	198	104	48	13	34.3
Secretaries	—	10 523	92	903	2 539	1 168	918	1 833	2 059	596	291	124	33.0
Stenographers	—	281	—	39	57	29	5	57	49	18	27	—	36.8
Telephone operators	—	993	5	111	247	63	48	233	153	40	73	20	36.0
Typists	16	3 337	113	484	882	286	196	519	537	187	107	26	28.3
Other clerical and kindred workers	26	6 967	174	691	1 323	479	467	1 352	1 468	535	309	169	37.6
Craftsmen and kindred workers	—	1 504	35	21	172	134	114	361	367	118	88	94	42.6
Foremen, n.e.c.	—	293	—	—	16	23	19	80	122	17	14	2	45.7
Operatives, except transport	46	9 191	86	301	859	733	719	2 231	2 591	1 014	455	202	43.5
Assemblers	7	839	—	40	127	88	68	244	201	52	15	4	39.0
Bottling and coning operatives	—	11	—	—	—	—	—	11	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing	—	911	11	9	59	63	74	194	337	125	35	4	46.4
Dressmakers and seamstresses, except factory	6	243	—	5	17	5	11	49	64	53	22	17	50.4
Laundry and dry cleaning operatives, including ironers	—	710	18	18	41	54	35	177	234	56	39	38	45.5
Graders and sorters, manufacturing	—	15	—	5	—	—	—	—	5	5	—	—	—
Packers and wrappers, except produce	6	1 048	21	61	100	65	80	244	354	79	19	5	42.3
Sewers and stitchers	5	346	—	5	10	29	15	84	85	65	31	22	48.5
Textile operatives	—	11	—	—	—	—	—	6	—	5	—	—	—
Other specified operatives	5	1 992	25	57	240	183	154	512	518	150	95	58	41.6
Miscellaneous and not specified operatives	17	3 065	11	81	265	246	282	710	793	424	199	54	44.1
Manufacturing	17	2 829	6	47	234	238	250	681	769	378	193	33	44.4
Durable goods	—	648	—	17	45	66	62	213	160	62	14	9	41.3
Machinery, including electrical	—	204	—	—	26	15	21	61	54	18	9	—	41.6
Other durable goods	—	444	—	17	19	51	41	152	106	44	5	9	41.2
Non-durable goods, including not specified manufacturing	17	2 181	6	30	189	172	188	468	609	316	179	24	45.6
Food and kindred products	—	88	—	—	22	3	5	19	23	10	—	6	—
Apparel and other fabricated textile products	—	14	—	—	4	—	—	—	5	5	—	—	—
Nonmanufacturing industries	—	236	5	34	31	8	32	29	24	46	6	21	37.8
Transport equipment operatives	—	503	3	15	29	44	87	191	102	5	5	22	38.8
Laborers, except farm	16	698	44	53	87	51	27	136	162	73	23	42	41.4
Farmers and farm managers	—	108	—	—	5	18	—	20	28	10	15	12	48.9
Farm laborers and farm foremen	26	307	30	5	27	16	20	59	80	31	18	21	44.4
Paid farm laborers and farm foremen	6	209	24	—	22	16	16	45	63	19	4	—	40.9
Unpaid family workers	20	98	6	5	5	—	4	14	17	12	14	21	—
Service workers, except private household¹	181	17 580	798	1 381	2 474	1 334	1 269	3 361	3 902	1 554	889	618	39.6
Cleaning service workers	27	2 499	58	43	94	68	114	552	774	411	251	134	49.1
Chambermaids and maids	—	480	6	12	36	23	18	74	188	54	37	32	48.8
Food service workers	68	8 055	593	859	982	567	599	1 497	1 656	702	378	222	37.9
Cooks, except private household	8	2 062	15	78	88	88	130	430	646	306	165	116	48.1
Waiters and food counter workers	50	4 284	463	611	653	397	360	800	645	218	102		

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

AKRON SMSA—Continued

Negro

Male employed

	Persons 14 and 15 years old	Persons 16 years old and over										Median age	
		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
Male employed	144	10 092	219	321	1 094	1 047	1 140	2 216	2 253	843	586	373	40.5
Professional, technical, and kindred workers	6	498	13	10	80	110	53	132	72	4	5	19	33.4
Engineers	—	16	—	—	5	6	5	—	—	—	—	—	—
Lawyers and judges	—	4	—	—	—	—	4	—	—	—	—	—	—
Life and physical scientists	—	30	—	—	5	6	6	—	13	—	—	—	—
Physicians, dentists, and related practitioners	—	21	—	—	—	—	—	5	8	—	—	8	—
Health workers, except practitioners	—	34	—	—	5	4	7	9	5	4	—	—	—
Social and recreation workers	—	46	4	—	5	8	—	23	6	—	—	—	—
Teachers	—	81	—	—	10	31	6	26	8	—	—	—	—
Technicians, except health	—	85	—	—	21	15	9	24	16	—	—	—	—
Writers, artists, and entertainers	6	30	—	5	5	4	—	5	—	—	—	11	—
Other professional, technical, and kindred workers	—	151	9	5	24	36	16	40	16	—	5	—	30.5
Managers and administrators, except farm	—	192	—	11	—	51	15	45	41	14	—	15	39.2
Salaried	—	151	—	11	—	51	15	32	33	9	—	—	34.5
Manufacturing	—	32	—	—	—	27	—	5	—	—	—	—	—
Retail trade	—	32	—	5	—	12	5	—	6	4	—	—	—
All other industries	—	87	—	6	—	12	10	27	27	5	—	—	—
Self-employed	—	41	—	—	—	—	—	13	8	5	—	15	—
Retail trade	—	24	—	—	—	—	—	5	4	—	—	15	—
All other industries	—	17	—	—	—	—	—	8	4	5	—	—	—
Sales workers	46	154	20	35	23	20	18	9	26	3	—	—	24.8
Manufacturing and wholesale trade	40	51	4	10	—	11	7	4	15	—	—	—	—
Retail trade	6	77	11	20	23	5	6	5	7	—	—	—	—
All other industries	—	26	5	5	—	4	5	—	4	3	—	—	—
Clerical and kindred workers	6	481	—	32	58	45	60	119	83	34	27	23	38.8
Bookkeepers and billing clerks	—	—	—	—	—	—	—	—	—	—	—	—	—
Mail handlers and postal clerks	6	154	—	20	—	5	16	46	45	9	4	9	42.8
Other clerical and kindred workers	—	327	—	12	58	40	44	73	38	25	23	14	36.3
Craftsmen and kindred workers	6	1 406	5	36	150	92	203	379	373	83	56	29	40.7
Carpenters	—	50	—	5	3	—	4	12	15	5	6	—	—
Construction craftsmen, except carpenters	—	305	—	11	22	15	22	85	114	23	7	6	44.7
Automobile mechanics, including body repairmen	—	131	—	2	24	9	25	6	33	7	16	9	44.2
Mechanics and repairmen, except auto	4	92	—	—	5	5	18	32	8	16	8	—	—
Machinists	—	42	—	—	11	—	5	17	4	—	5	—	—
Metal craftsmen, except mechanics and machinists	—	159	—	—	15	9	20	54	38	13	4	6	41.6
Foremen, n.e.c.	—	166	—	—	5	9	20	53	74	5	—	—	44.2
Other craftsmen and kindred workers	2	461	5	18	65	45	89	120	87	14	10	8	35.7
Operatives, except transport	5	4 012	24	72	426	493	534	894	963	334	189	83	40.1
Assemblers	—	150	—	17	23	10	33	19	30	14	—	4	33.8
Garage workers and gas station attendants	—	50	5	—	—	13	—	25	—	—	7	—	—
Laundry and drycleaning operatives, including ironers	—	48	6	4	—	—	—	23	15	—	—	—	—
Precision machine operatives	—	158	—	—	28	15	21	32	33	24	5	—	39.7
Other operatives, except transport	5	3 606	13	51	375	455	480	795	885	296	177	79	40.4
Durable goods, manufacturing	—	1 238	—	28	146	205	242	284	192	58	37	46	35.0
Nondurable goods, including not specified manufacturing	5	2 136	5	8	195	230	213	469	656	208	119	33	43.9
Nonmanufacturing industries	—	232	8	15	34	20	25	42	37	30	21	—	38.3
Transport equipment operatives	—	718	—	—	128	45	57	181	202	62	28	15	42.1
Truck drivers	—	303	—	—	44	26	35	65	71	40	16	6	42.2
Other transport equipment operatives	—	415	—	—	84	19	22	116	131	22	12	9	42.1
Laborers, except farm	31	1 341	12	76	121	134	120	327	267	138	116	30	41.3
Construction laborers	6	214	—	8	9	14	20	78	37	26	15	7	42.2
Freight, stock, and material handlers	—	337	9	29	35	27	20	92	68	28	29	—	40.3
Other laborers, except farm	25	790	3	39	77	93	80	157	162	84	72	23	41.6
Manufacturing industries	—	417	—	18	49	42	36	99	77	49	43	4	41.4
Farmers and farm managers	—	4	—	—	—	—	4	—	—	—	—	—	—
Farm laborers and farm foremen	—	19	—	—	9	—	—	—	10	—	—	—	—
Service workers, except private household ¹	44	1 256	145	49	99	57	76	123	216	167	165	159	48.7
Cleaning service workers	20	802	72	27	66	35	33	64	164	108	120	113	51.3
Food service workers	10	182	60	18	15	6	—	10	12	29	8	24	24.3
Health service workers	—	24	—	—	—	3	5	8	—	—	8	—	—
Personal service workers	5	104	13	—	4	8	—	17	17	9	14	22	50.9
Protective service workers	—	75	—	—	9	—	—	15	20	3	13	15	—
Private household workers	—	11	—	—	—	—	—	7	—	4	—	—	—
Female employed	53	7 219	193	306	1 071	788	716	1 693	1 361	525	284	282	38.2
Professional, technical, and kindred workers	—	626	—	11	84	112	98	173	110	24	5	9	35.5
Registered nurses	—	129	—	—	15	5	20	37	47	—	—	5	41.6
Health workers, except nurses	—	107	—	—	6	19	19	43	9	11	—	—	37.2
Teachers, elementary and secondary schools	—	190	—	—	22	49	26	55	31	7	—	—	34.6
Technicians, except health	—	15	—	—	6	4	5	—	—	—	—	—	—
Other professional, technical, and kindred workers	—	185	—	11	35	35	28	38	23	6	5	4	32.1
Managers and administrators, except farm	—	83	—	—	6	—	—	17	37	16	—	7	—
Salaried	—	79	—	—	6	—	—	17	33	16	—	7	—
Self-employed	—	4	—	—	—	—	—	4	—	—	—	—	—
Sales workers	8	300	26	32	31	30	22	91	38	16	8	6	36.0
Retail trade	8	262	26	27	23	17	10	91	38	16	8	6	38.1
Clerical and kindred workers	—	1 441	62	138	476	226	97	239	123	37	23	20	26.0
Bookkeepers and cashiers	—	193	20	28	36	35	16	39	15	—	—	4	26.8
Office machine operators	—	112	—	14	72	18	4	4	—	—	—	—	22.9
Secretaries, stenographers, and typists	—	476	33	51	159	95	36	56	35	11	—	—	24.8
Other clerical and kindred workers	—	660	9	45	209	78	41	140	73	26	23	16	29.3
Craftsmen and kindred workers	—	86	7	—	25	15	8	20	4	7	—	—	—
Operatives, except transport	7	922	—	12	117	104	139	168	224	86	48	24	40.3
Sewers and stitchers	—	37	—	—	—	4	10	13	4	6	—	—	—
Laundry and drycleaning operatives, including ironers	—	255	—	9	12	14	13	58	112	10	12	15	46.9
Other operatives, except transport	7	630	—	3	105	86	116	97	108	70	36	9	35.5
Durable goods, manufacturing	—	107	—	—	12	40	24	13	5	9	4	—	30.3
Nondurable goods, including not specified manufacturing	7	366	—	3	62	30	69	62	74	39	27	—	38.1
Nonmanufacturing industries	—	157	—	—	31	16	23	22	29	22	5	9	38.9
Transport equipment operatives	—	13	—	4	5	—	—	—	—	—	—	—	—
Laborers, except farm	4	134	14	—	7	11	3	25	35	21	4	14	47.0
Farmers and farm managers	—	13	—	—	—	8	—	—	—	—	—	—	—
Farm laborers and farm foremen	—	27	—	—	11	—	5	11	—	—	—	—	—
Service workers, except private household ¹	27	2 593	76	109	282	245	241	762	524	181	80	93	39.5
Cleaning service workers	5	746	11	10	15	44	31	249	222	83	40	41	45.6
Food service workers	3	594	33	57	63	65	65	152	88	42	15	14	35.9
Health service workers	—	713	7	22	92	111	117	242	111	7	—	4	35.3
Practical nurses	—	171	—	—	5	17	27	68	43	4	—	—	39.3
Personal service workers	—	256	15	13	24	14	15	58	68	27	15	7	43.1
Protective service workers	—	11											

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**

CANTON SMSA

Total

Male employed

Professional, technical, and kindred workers

	Persons 14 and 15 years old	Persons 16 years old and over											Median age
		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	
Total	1 109	92 080	2 395	3 619	9 801	10 888	9 121	19 423	20 367	7 917	5 340	3 209	40.3
Male employed													
Professional, technical, and kindred workers	5	10 622	45	148	1 309	1 796	1 299	2 589	2 063	526	476	371	37.8
Accountants		822	—	4	51	117	84	195	221	66	53	31	42.9
Architects		50	—	—	5	5	6	25	9	—	—	—	...
Computer specialists		336	—	—	61	156	53	55	6	—	5	—	28.4
Engineers		2 295	—	—	196	359	322	640	507	113	112	46	39.2
Aeronautical and astronautical		96	—	—	5	—	5	51	26	5	4	—	...
Civil		169	—	—	12	28	29	56	15	5	12	12	37.8
Electrical and electronic		361	—	—	51	57	36	111	80	5	17	4	38.3
Mechanical		328	—	—	24	36	32	103	77	22	20	14	42.0
Other engineers		1 341	—	—	104	238	220	319	309	76	59	16	38.4
Lawyers and judges		286	—	—	—	37	14	58	57	35	26	59	51.0
Life and physical scientists		359	—	6	19	72	51	70	87	40	14	—	39.5
Chemists		336	—	6	19	68	42	66	81	40	14	—	40.0
Physicians, dentists, and related practitioners		715	—	—	23	42	74	192	205	68	42	69	46.3
Dentists		167	—	—	—	6	21	48	51	11	8	22	46.7
Pharmacists		175	—	—	18	10	9	62	46	—	16	14	43.1
Physicians, medical and osteopathic		303	—	—	5	10	36	58	86	57	18	33	49.9
Other related practitioners		70	—	—	—	16	8	24	22	—	—	—	...
Health technologists and technicians		50	—	—	11	18	5	—	8	8	—	—	...
Religious workers		392	—	—	6	12	22	150	75	28	58	41	45.8
Social scientists		53	—	—	16	4	10	10	5	—	8	—	...
Social and recreation workers	5	131	—	7	46	12	16	22	12	12	4	—	30.2
Teachers		1 665	5	4	292	385	168	411	241	47	44	68	34.4
College and university		170	—	—	13	24	33	57	18	4	5	16	37.6
Elementary and prekindergarten		389	—	4	55	128	24	104	42	—	5	27	31.6
Secondary		1 027	—	—	194	229	111	233	168	43	29	20	34.1
Engineering and science technicians		1 722	18	60	364	274	225	377	286	62	47	9	33.2
Draftsmen and surveyors		956	14	48	228	150	111	228	124	24	24	5	31.7
Electrical and electronic engineering technicians		180	4	7	28	11	37	51	29	9	—	4	35.6
Technicians, except health, and engineering and science		117	—	6	4	26	31	20	30	—	—	—	33.6
Airplane pilots		38	—	—	—	5	11	5	17	—	—	—	...
Writers, artists, and entertainers		682	16	45	77	104	90	140	142	9	29	30	35.6
Other professional, technical, and kindred workers		947	6	16	138	173	128	224	172	38	34	18	35.6
Managers and administrators, except farm	9	8 316	10	67	395	808	892	2 078	2 336	910	513	307	44.6
Buyers, purchasing agents, and sales managers		1 297	5	12	39	107	190	350	415	117	52	10	43.4
School administrators		282	—	—	4	14	12	72	124	21	30	5	48.1
Specified managers and administrators, public administration		234	—	—	—	8	16	36	66	55	19	34	53.6
Other specified managers and administrators		1 419	—	33	123	227	134	316	324	132	77	53	41.1
Managers and administrators, n.e.c., salaried		4 152	5	17	209	436	496	1 018	1 171	425	254	121	44.0
Manufacturing		1 435	5	—	63	133	128	370	453	180	94	9	45.4
Wholesale and retail trade		1 425	—	8	122	215	191	274	365	138	67	45	41.4
Transportation, communications, and other public utilities		314	—	3	—	24	55	79	81	35	37	—	44.5
All other industries		978	—	6	24	64	122	295	272	72	56	67	44.3
Managers and administrators, n.e.c., self-employed		932	—	5	20	16	44	286	236	160	81	84	49.0
Construction		195	—	—	14	6	8	97	52	11	7	—	42.2
Manufacturing		97	—	—	—	5	—	44	15	15	9	9	...
Wholesale and retail trade		466	—	—	6	5	30	106	122	92	56	49	52.0
All other industries		174	—	5	—	—	6	39	47	42	9	26	52.9
Sales workers	491	5 783	364	176	468	735	577	1 190	1 143	438	389	303	39.8
Insurance agents, brokers, and underwriters		726	—	4	34	113	78	167	186	53	52	39	43.0
Real estate agents and brokers		250	—	—	15	16	22	67	56	14	11	49	45.9
Sales representatives, manufacturing industries		629	—	4	23	90	89	183	142	38	39	21	40.9
Sales representatives, wholesale trade		1 138	—	—	74	177	155	266	250	94	83	39	41.1
Sales clerks, retail trade		1 229	144	133	180	125	74	166	171	101	72	63	32.2
Salesmen, retail trade		826	10	10	77	114	52	195	184	66	73	45	42.7
Salesmen of services and construction		219	—	—	19	36	35	45	41	14	9	20	39.3
Other sales workers		766	210	25	46	64	72	101	113	58	50	27	32.6
Clerical and kindred workers	24	6 338	109	250	789	760	577	1 297	1 419	576	387	174	40.3
Bank tellers and cashiers		1 077	6	12	14	14	16	17	28	—	—	—	32.3
Bookkeepers and billing clerks		640	18	16	82	104	54	129	86	41	75	35	38.6
Mail handlers and postal clerks		763	5	14	21	56	41	217	267	96	30	16	46.0
Other clerical and kindred workers		4 828	80	208	672	586	466	934	1 038	439	282	123	39.3
Craftsmen and kindred workers	50	22 564	134	514	2 185	2 451	2 328	5 092	5 816	2 096	1 445	503	42.2
Apparel craftsmen and upholsterers		90	—	—	—	—	16	18	30	11	5	10	...
Bakers		168	4	29	13	26	—	26	30	—	30	10	39.6
Cabinetmakers		67	—	—	12	—	—	14	27	—	5	9	...
Construction craftsmen		4 900	21	111	581	454	484	1 290	1 205	379	236	139	41.2
Carpenters		1 140	5	42	118	125	116	287	254	102	60	31	40.7
Excavating, grading, and road machine operators		537	—	—	63	57	60	145	109	61	28	14	41.1
Electricians		1 027	—	14	117	110	85	270	272	76	64	19	41.9
Masons and tile setters		489	6	22	83	22	61	131	103	36	15	10	38.9
Painters, construction and maintenance, and paperhangers		480	5	22	67	45	38	99	108	34	33	29	41.4
Plasterers and cement finishers		117	—	—	—	—	—	6	30	10	5	4	43.5
Plumbers and pipe fitters		754	5	8	74	51	77	220	232	38	26	23	42.4
Other construction craftsmen		356	—	3	59	44	41	76	97	22	5	9	39.1
Foremen, n.e.c.		3 885	4	—	173	317	410	928	1 108	601	285	59	46.0
Manufacturing		2 984	4	—	127	264	341	694	833	486	199	36	45.7
Nonmanufacturing industries		901	—	—	46	53	69	234	275	115	86	23	46.8
Linemen and servicemen, telephone and power		524	—	5	93	121	79	154	66	6	—	—	32.7
Locomotive engineers and firemen		219	—	—	35	16	22	36	55	46	4	5	45.1
Mechanics and repairmen		4 309	62	146	443	628	526	904	945	285	257	113	38.9
Air conditioning, heating, and refrigeration		133	—	5	10	17	12	30	30	10	8	11	42.5
Aircraft		47	—	—	—	10	4	18	10	5	—	—	...
Automobile, including body		1 494	49	61	207	228	144	288	289	82	101	45	37.0
Radio and television		222	5	20	27	28	35	53	32	15	7	—	34.4
Other mechanics and repairmen		2 413	8	60	199	345	331	515	584	173	141	57	40.1
Metal craftsmen, except mechanics	5	4 253	6	96	399	440	337	900	1 228	465	351	31	44.4
Machinists and job and die setters		1 197	—	36	112	143	136	245	293	166	59	7	42.0
Sheetmetal workers and tinmiths		262	6	—	44	57	19	31	58	11	25	11	36.6
Tool and die makers													

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

CANTON SMSA—Continued

Total—Continued

Male employed—Continued

	Persons 14 and 15 years old	Persons 16 years old and over										Median age	
		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
Operatives, except transport	46	19 613	308	956	2 440	2 472	1 885	4 043	4 374	1 775	1 004	356	39.3
Assemblers.....		1 114	5	70	174	195	43	199	212	125	67	24	38.5
Checkers, examiners, and inspectors; manufacturing		1 559	—	17	215	179	128	346	421	181	67	5	42.0
Garage workers and gas station attendants.....	14	605	185	169	55	55	31	36	23	15	9	27	19.4
Laundry and drycleaning operatives, n.e.c.....		111	12	18	9	4	—	26	22	14	—	6	39.8
Meat cutters and butchers.....		646	—	4	51	129	141	147	93	46	26	9	34.9
Mine operatives, n.e.c.....		97	—	5	10	31	9	16	10	6	—	10	—
Packers and wrappers, except produce.....	5	404	20	47	52	57	25	74	86	28	11	4	35.1
Painters, manufactured articles.....		338	3	10	43	77	36	64	52	38	15	—	35.0
Precision machine operatives.....		2 827	—	115	330	410	235	494	723	350	132	38	41.5
Sawyers.....		145	—	—	31	8	10	41	18	20	17	—	40.7
Stationary firemen.....		203	—	—	—	9	12	30	62	28	46	16	53.1
Textile operatives.....		11	—	—	6	—	—	5	—	—	—	—	—
Welders and flamecutters.....		1 668	—	92	190	166	217	376	405	148	63	11	39.5
Other metalworking operatives.....		2 346	11	59	269	261	217	534	626	193	146	30	41.7
Other specified operatives.....	22	2 140	40	69	247	263	194	539	484	159	93	52	39.8
Miscellaneous and not specified operatives.....	5	5 399	32	281	758	628	587	1 116	1 137	424	312	124	38.7
Occupation:													
Machine operatives, miscellaneous specified.....		2 646	9	113	390	312	285	558	586	185	150	68	39.0
Machine operatives, not specified.....		968	4	44	136	122	108	177	202	94	66	15	39.0
Miscellaneous operatives.....	5	1 227	19	81	166	145	128	270	226	90	66	36	37.8
Not specified operatives.....		558	—	43	76	49	66	111	123	55	30	5	39.1
Industry:													
Manufacturing.....		5 003	27	253	698	561	569	1 054	1 057	409	291	84	38.7
Durable goods.....		3 784	14	188	506	347	389	824	845	346	251	74	40.4
Wood products, including furniture.....		115	5	—	16	4	5	45	11	—	20	9	41.1
Primary metal industries.....		1 402	4	29	138	125	126	339	367	136	119	19	43.2
Fabricated metal industries.....		595	5	66	60	22	86	172	82	52	36	14	38.4
Machinery, including electrical.....		1 194	—	83	226	172	125	177	265	81	51	14	34.6
Motor vehicles and equipment.....		101	—	—	18	10	13	9	23	22	6	—	45.2
Transportation equipment, except motor vehicles.....		24	—	5	—	—	—	6	—	13	—	—	—
Other durable goods.....		353	—	5	48	14	34	76	97	42	19	18	44.9
Nondurable goods.....		1 190	8	65	181	214	180	230	199	63	40	10	33.5
Food and kindred products.....		275	—	29	39	55	48	45	36	12	11	—	31.5
Apparel and other fabricated textile products.....		—	—	—	—	—	—	—	—	—	—	—	—
Paper and allied products.....		200	4	9	41	41	27	7	49	13	9	—	30.9
Chemicals and allied products.....		83	—	6	22	5	15	20	5	5	5	—	—
Other nondurable goods.....		632	4	21	79	113	90	158	109	33	15	10	35.6
Not specified manufacturing industries.....		29	5	—	11	—	—	—	13	—	—	—	—
Nonmanufacturing industries.....	5	396	5	28	60	67	18	62	80	15	21	40	38.2
Transportation, communications, and other public utilities.....	5	45	—	—	14	—	—	14	—	6	11	—	—
Wholesale and retail trade.....		213	5	—	25	56	13	31	53	5	5	20	37.4
All other industries.....		138	—	28	21	11	5	17	27	4	5	20	37.4
Transport equipment operatives.....	21	5 455	96	128	524	627	647	1 349	1 147	501	276	160	40.2
Bus drivers.....		153	—	4	12	5	6	16	29	23	34	24	56.0
Taxicab drivers and chauffeurs.....		117	—	—	4	12	12	28	9	29	11	12	47.8
Truck drivers and deliverymen.....	5	3 811	86	88	347	468	484	1 031	788	305	136	78	39.2
Other transport equipment operatives.....	16	1 374	10	36	161	142	145	274	321	144	95	46	42.0
Laborers, except farm.....	196	6 928	559	864	1 135	749	521	1 071	968	505	340	216	31.5
Construction laborers.....	9	922	65	87	129	102	71	152	146	92	64	14	35.5
Freight, stock, and material handlers.....	74	2 827	282	497	544	311	180	373	363	126	76	75	26.5
Other specified laborers.....	67	1 019	114	113	145	96	88	99	142	81	82	59	32.4
Miscellaneous and not specified laborers.....	46	2 160	98	167	317	240	182	447	317	206	118	68	36.7
Occupation:													
Miscellaneous laborers.....	6	1 130	10	61	123	113	104	255	229	124	75	36	41.0
Not specified laborers.....	40	1 030	88	106	194	127	78	192	88	82	43	32	30.0
Industry:													
Manufacturing.....	11	1 691	36	117	256	216	146	345	268	170	91	46	37.2
Durable goods.....	6	1 511	29	98	223	198	146	307	240	147	91	32	37.0
Wood products, including furniture.....		5	5	—	—	—	—	—	—	—	—	—	—
Metal industries.....	6	1 022	—	76	117	144	106	219	163	111	71	15	38.1
Machinery, including electrical.....		332	14	22	96	43	29	51	49	12	16	—	29.0
Transportation equipment.....		16	—	—	—	—	—	11	5	—	—	—	—
Other durable goods.....		136	10	—	10	11	11	26	23	24	4	17	45.0
Nondurable goods.....	5	180	7	19	33	18	—	38	28	23	—	14	38.4
Food and kindred products.....	5	56	3	5	10	9	—	9	—	14	—	6	—
Not specified manufacturing industries.....		—	—	—	—	—	—	—	—	—	—	—	—
Nonmanufacturing industries.....	35	469	62	50	61	24	36	102	49	36	27	22	35.1
Railroads and railway express service.....		81	—	5	6	6	4	10	14	15	14	7	—
Transportation, except railroads.....		6	—	6	—	—	—	—	—	—	—	—	—
Communications, and utilities and sanitary services.....		52	—	12	6	—	—	34	—	—	—	—	—
Wholesale and retail trade.....	16	178	22	20	27	18	23	30	26	8	—	4	30.4
All other industries.....	19	152	40	7	22	—	9	28	9	13	13	11	33.9
Farmers and farm managers.....		747	7	—	24	22	86	105	147	80	88	188	53.8
Farm laborers and farm foremen.....	63	315	79	44	46	17	—	28	20	42	7	32	23.8
Paid farm laborers and farm foremen.....	49	265	64	40	28	17	—	28	17	42	7	22	25.1
Unpaid family workers.....	14	50	15	4	18	—	—	—	3	—	—	10	—
Service workers, except private household ¹	193	5 383	678	466	486	451	309	581	930	468	415	599	40.2
Cleaning service workers.....	66	2 075	192	221	204	76	78	185	401	272	195	251	47.0
Food service workers.....	104	1 034	409	173	86	51	30	61	112	50	27	35	19.2
Cooks, except private household.....	11	246	71	54	39	21	5	20	26	10	—	—	19.9
Busboys and dishwashers.....	64	264	170	55	16	11	—	6	6	—	—	—	17.6
Health service workers.....		105	—	16	26	22	8	6	12	—	6	9	27.4
Personal service workers.....	15	445	46	16	29	50	30	83	78	34	16	63	41.2
Protective service workers.....		1 379	—	—	69	199	152	228	260	83	158	230	46.6
Firemen, fire protection.....		250	—	—	9	42	38	56	69	15	21	—	41.4
Guards and watchmen.....		590	—	—	35	49	22	90	113	55	122	104	53.8
Policemen and detectives.....		376	—	—	20	108	83	78	60	9	9	9	33.6
Private household workers.....	11	16	6	6	—	—	—	—	4	—	—	—	—

¹Includes 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

CANTON SMSA—Continued

Total—Continued

Female employed

Professional, technical, and kindred workers

	Persons 14 and 15 years old	Persons 16 years old and over										Median age	
		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
Female employed	276	49 180	1 248	3 110	7 559	4 329	4 113	9 710	11 106	3 825	2 435	1 745	39.4
Professional, technical, and kindred workers	5	7 374	26	115	1 269	920	702	1 374	1 549	658	471	288	39.8
Accountants.....		263	5	3	61	13	23	46	48	35	21	8	40.8
Computer specialists.....		71	—	5	29	3	5	17	12	—	—	—	...
Librarians.....		169	—	6	6	15	8	46	29	15	23	21	46.2
Mathematical specialists.....		20	—	—	—	11	—	—	—	4	—	—	...
Life and physical scientists.....		5	—	—	5	—	—	—	—	—	—	—	...
Registered nurses, dietitians, and therapists.....		1 750	5	22	309	176	233	361	365	126	119	34	38.6
Dietitians.....		59	5	4	—	—	—	—	22	7	16	—	...
Registered nurses.....		1 644	—	18	299	167	228	344	338	119	97	34	38.2
Health technologists and technicians.....		284	4	23	85	33	29	41	32	21	7	9	29.5
Social scientists.....		29	—	—	—	4	—	11	4	5	—	—	...
Social and recreation workers.....		201	—	—	37	17	10	21	72	19	20	5	47.2
Teachers: College and university.....		80	—	5	10	20	15	13	14	—	—	3	...
Elementary and prekindergarten.....		2 363	7	19	416	300	202	363	516	288	158	94	41.5
Secondary.....		875	—	6	133	183	74	140	186	60	75	24	38.4
Other teachers.....		243	—	6	39	24	12	41	61	21	5	34	44.9
Engineering and science technicians.....		146	—	17	33	15	17	40	20	4	—	—	32.4
Technicians, except health, and engineering and science.....		16	—	—	—	—	—	13	3	—	—	—	...
Writers, artists, and entertainers.....		258	5	9	27	36	16	70	61	10	12	12	40.1
Actors and dancers.....		—	—	—	—	—	—	—	—	—	—	—	...
Authors, editors, and reporters.....		40	—	6	11	—	—	4	7	—	12	—	...
Other professional, technical, and kindred workers.....		601	—	—	79	65	53	153	126	50	31	44	41.8
Managers and administrators, except farm	—	1 428	—	11	94	96	77	349	498	101	120	82	46.7
Buyers, purchasing agents, and sales managers.....		209	—	5	11	21	10	40	84	21	10	7	47.1
Restaurant, cafeteria, and bar managers.....		204	—	—	5	15	9	48	84	15	28	—	48.0
School administrators.....		82	—	—	5	—	3	16	30	10	11	7	...
Other specified managers and administrators.....		299	—	—	38	36	15	68	84	16	31	11	43.9
Managers and administrators, n.e.c., salaried.....		494	—	6	35	24	40	117	172	24	24	52	46.5
Wholesale and retail trade.....		207	—	6	12	—	15	60	74	4	16	20	46.4
Managers and administrators, n.e.c., self-employed.....		140	—	—	—	—	—	60	44	15	16	5	47.3
Wholesale and retail trade.....		83	—	—	—	—	—	28	29	10	11	5	...
Sales workers	42	4 538	230	389	441	282	258	858	1 132	424	261	263	42.8
Demonstrators, hucksters, and peddlers.....		370	—	15	20	56	75	86	69	17	11	21	37.2
Insurance, real estate agents, and brokers.....		232	—	—	5	22	4	78	68	8	17	30	46.0
Sales clerks, retail trade.....		3 166	170	296	312	155	118	579	835	335	196	170	44.2
Salesmen, retail trade.....		160	17	4	14	10	14	34	41	—	15	11	41.2
Other sales workers.....		610	43	74	90	39	47	81	119	64	22	31	36.5
Clerical and kindred workers	19	15 820	306	1 494	3 236	1 447	1 299	2 839	3 236	924	622	417	35.5
Bank tellers.....		500	29	58	176	27	56	67	66	10	7	4	24.6
Bookkeepers.....		1 931	29	98	274	208	156	336	474	210	93	53	41.0
Cashiers.....		1 245	65	107	222	115	104	231	257	70	48	26	35.4
Counter clerks, except food.....		231	15	15	40	14	37	47	36	11	—	10	33.4
Enumerators and interviewers.....		55	—	—	—	—	—	9	12	5	5	5	...
File clerks.....		340	19	65	102	12	5	42	66	10	9	10	24.2
Office machine operators.....		875	5	108	253	89	108	127	123	36	20	6	29.0
Bookkeeping and billing machine operators.....		60	—	—	20	—	—	5	5	14	—	6	...
Keypunch operators.....		526	5	53	179	79	53	83	64	5	5	—	26.6
Payroll and timekeeping clerks.....		263	—	28	51	11	17	77	52	20	7	—	38.2
Receptionists.....		472	5	46	63	34	29	86	126	28	21	34	41.9
Secretaries.....		4 485	40	390	972	503	367	780	963	223	169	78	34.6
Stenographers.....		166	11	16	35	5	6	42	16	9	21	5	37.4
Telephone operators.....		684	—	138	167	19	54	143	88	38	24	13	31.7
Typists.....		1 220	21	159	288	101	106	205	215	47	33	45	31.9
Other clerical and kindred workers.....		3 353	67	266	593	289	249	647	742	207	165	128	38.3
Craftsmen and kindred workers	—	833	15	62	107	48	59	203	201	66	17	55	41.2
Foremen, n.e.c.....		165	—	4	8	4	10	44	72	13	10	—	46.7
Operatives, except transport	23	7 306	41	248	1 009	768	831	1 643	1 781	558	249	178	39.6
Assemblers.....		897	—	29	124	109	115	232	195	67	20	6	38.1
Bottling and canning operatives.....		10	—	—	—	—	—	10	—	—	—	—	...
Checkers, examiners, and inspectors; manufacturing.....		1 341	4	63	200	159	156	300	324	106	18	11	38.0
Dressmakers and seamstresses, except factory.....		116	—	—	—	4	15	16	33	16	10	22	52.0
Laundry and dry cleaning operatives, including ironers.....		456	9	9	54	32	43	73	133	56	30	17	45.6
Graders and sorters, manufacturing.....		34	—	—	5	—	—	15	—	—	—	—	...
Packers and wrappers, except produce.....		1 064	12	52	146	127	132	275	249	54	14	3	37.3
Sewers and stitchers.....		239	4	—	8	15	5	25	64	52	38	28	54.8
Textile operatives.....		5	—	5	—	—	—	—	—	—	—	—	...
Other specified operatives.....		1 461	8	41	227	133	147	292	399	88	64	62	41.0
Miscellaneous and not specified operatives.....		1 683	4	49	245	189	218	405	375	114	55	29	38.4
Manufacturing.....		1 555	4	34	233	183	215	364	344	111	43	24	38.0
Durable goods.....		819	4	19	125	94	80	180	167	93	43	14	39.9
Machinery, including electrical.....		332	—	—	68	58	34	82	51	24	5	10	35.7
Other durable goods.....		487	4	19	57	36	46	98	116	69	38	4	43.3
Non-durable goods, including not specified manufacturing.....		736	—	15	108	89	135	184	177	18	—	—	40.9
Food and kindred products.....		164	—	12	15	23	19	22	63	5	—	—	...
Apparel and other fabricated textile products.....		4	—	—	—	—	—	—	4	—	—	—	...
Nonmanufacturing industries.....		128	—	15	12	6	3	41	31	3	12	5	41.8
Transport equipment operatives	—	274	—	8	21	10	40	87	84	15	5	4	41.7
Laborers, except farm	26	505	49	30	56	35	48	114	94	44	26	9	38.0
Farmers and farm managers.....		63	—	—	—	11	—	11	5	4	7	25	...
Farm laborers and farm foremen.....		96	12	6	11	4	—	10	17	25	5	6	...
Paid farm laborers and farm foremen.....		39	6	—	11	—	—	—	10	12	—	—	...
Unpaid family workers.....		57	6	6	—	4	—	10	7	13	5	6	...
Service workers, except private household¹	92	9 723	458	675	1 222	620	753	2 091	2 249	856	504	295	40.4
Cleaning service workers.....		1 080	25	11	46	23	51	229	349	148	132	66	49.4
Chambermaids and maids.....		174	—	—	6	6	17	46	56	26	10	7	47.1
Food service workers.....		4 078	293	343	351	243	275	927	955	404	184	103	40.8
Cooks, except private household.....		1 304	34	35	81	62	55	348	345	193	108	43	46.1
Waiters and food counter workers.....		2 039	195	245	237	154	171	441	400	120	43	33	35.4
Health service workers.....		2 661	54	181	391	219	217	611	616	207	112	53	39.4
Nursing aides, orderlies, and attendants.....		1 498	39	87	145	131	140	384	381	121	46	24	40.4
Practical nurses.....		68											

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

CINCINNATI, OHIO-KY.-IND., SMSA

Total

	Persons 14 and 15 years old	Persons 16 years old and over											Median age
		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	
Male employed	2 751	329 416	8 362	12 659	36 557	38 980	35 545	72 592	65 540	26 170	20 250	12 761	39.5
Professional, technical, and kindred workers	55	48 497	138	662	6 483	8 164	6 900	11 159	8 148	2 868	2 374	1 601	36.7
Accountants		4 208	—	23	460	700	538	916	832	329	199	211	39.2
Architects		382	—	4	38	47	33	133	47	34	30	16	40.2
Computer specialists		1 328	6	9	246	372	360	242	70	14	9	—	30.4
Engineers		9 880	5	36	890	1 543	1 310	2 661	2 185	630	449	171	39.3
Aeronautical and astronautical		1 182	—	—	136	223	186	339	253	18	22	5	36.4
Civil		903	—	4	112	144	100	232	120	77	90	24	38.9
Electrical and electronic		1 380	—	10	83	233	202	361	286	117	66	22	39.5
Mechanical		1 612	—	10	117	277	218	478	365	71	58	18	38.8
Other engineers		4 803	5	12	442	666	604	1 251	1 161	347	213	102	40.4
Lawyers and judges		1 671	—	—	11	177	258	343	321	158	220	183	46.4
Life and physical scientists		1 552	—	9	88	272	271	398	303	88	86	37	38.4
Chemists		1 234	—	9	65	206	243	290	237	72	75	37	38.2
Physicians, dentists, and related practitioners	6	3 796	—	—	205	423	497	956	752	306	322	335	43.1
Dentists		528	—	—	—	28	61	134	145	29	39	92	47.8
Pharmacists		921	—	—	169	119	89	172	134	87	88	63	39.9
Physicians, medical and osteopathic		2 007	—	—	31	244	295	529	393	167	177	171	43.2
Other related practitioners	6	340	—	—	5	32	52	121	80	23	18	9	41.7
Health technologists and technicians		560	—	33	214	53	94	85	52	16	9	4	28.1
Religious workers	6	1 550	—	—	122	202	112	413	319	154	98	125	43.1
Social scientists		662	—	3	54	121	108	226	86	22	21	21	37.0
Social and recreation workers		587	26	13	78	114	99	81	72	26	39	39	33.2
Teachers	9	6 487	18	32	1 351	1 460	998	1 329	812	290	256	141	32.4
College and university		1 744	4	5	194	296	234	472	333	83	66	57	37.9
Elementary and prekindergarten	4	1 377	—	—	12	407	259	180	257	80	90	65	27
Secondary	5	3 217	—	—	712	836	512	528	341	117	118	53	30.6
Engineering and science technicians	5	5 911	36	243	1 466	1 064	850	1 142	633	227	187	63	30.9
Draftsmen and surveyors		2 614	10	153	783	432	367	440	249	72	69	39	29.2
Electrical and electronic engineering technicians		687	9	15	169	141	104	131	54	37	27	—	30.5
Technicians, except health, and engineering and science		617	—	10	48	85	99	169	129	36	31	10	38.9
Airplane pilots		107	—	—	12	10	14	36	35	—	—	—	39.9
Writers, artists, and entertainers	9	3 740	27	110	560	637	493	782	579	198	207	147	35.5
Other professional, technical, and kindred workers	20	5 366	20	132	652	894	780	1 283	956	340	211	98	36.6
Managers and administrators, except farm	5	33 861	27	191	1 471	3 183	3 577	9 415	8 914	3 180	2 369	1 534	44.0
Buyers, purchasing agents, and sales managers		5 231	—	10	306	567	641	1 574	1 313	392	327	101	41.9
School administrators		839	—	—	35	58	112	288	245	57	37	7	42.4
Specified managers and administrators, public administration		1 384	—	5	21	88	65	361	459	188	96	101	48.3
Other specified managers and administrators	5	6 036	22	77	385	719	603	1 466	1 458	488	477	341	43.3
Managers and administrators, n.e.c., salaried		17 034	5	85	658	1 608	1 918	4 918	4 457	1 562	1 065	758	43.6
Manufacturing		6 557	—	4	155	573	735	2 046	1 922	573	331	218	43.9
Wholesale and retail trade		4 292	5	57	252	525	516	1 122	957	367	228	263	42.0
Transportation, communications, and other public utilities		1 625	—	13	55	129	142	494	458	155	123	56	44.6
All other industries		4 560	—	11	196	381	525	1 256	1 120	467	383	221	44.3
Managers and administrators, n.e.c., self-employed		3 337	—	14	66	143	238	808	982	493	367	226	49.1
Construction		688	—	6	8	31	42	233	229	59	47	33	46.0
Manufacturing		227	—	—	10	6	15	56	71	20	25	24	48.7
Wholesale and retail trade		1 568	—	8	35	53	111	326	446	282	193	114	50.6
All other industries		854	—	—	13	53	70	193	236	132	102	55	49.2
Sales workers	619	26 128	990	943	2 405	3 065	2 714	5 276	5 185	2 061	1 825	1 664	40.6
Insurance agents, brokers, and underwriters	17	3 230	—	—	307	457	435	730	723	212	186	180	40.7
Real estate agents and brokers		1 156	5	—	33	39	84	218	291	134	149	203	51.8
Sales representatives, manufacturing industries	6	3 926	14	6	182	508	548	1 136	849	282	250	151	41.2
Sales representatives, wholesale trade	5	5 323	16	37	430	835	615	1 302	1 063	424	373	228	40.6
Sales clerks, retail trade	97	5 957	708	649	781	500	329	700	904	453	433	500	35.2
Salesmen, retail trade	3	2 564	50	92	271	207	183	478	619	273	212	179	45.0
Salesmen of services and construction	9	1 336	28	26	127	151	209	240	331	86	74	64	40.3
Other sales workers	482	2 636	169	133	274	368	311	472	405	197	148	159	36.3
Clerical and kindred workers	233	28 163	619	1 504	4 497	3 301	2 597	5 316	5 257	2 179	1 762	1 131	37.9
Bank tellers and cashiers	27	1 099	133	210	234	50	32	93	106	78	66	97	24.4
Bookkeepers and billing clerks	5	2 371	18	87	375	328	226	304	400	253	210	170	40.0
Mail handlers and postal clerks		4 441	50	85	313	354	496	1 167	1 320	427	162	67	42.9
Other clerical and kindred workers	201	20 252	418	1 122	3 575	2 569	1 843	3 752	3 431	1 421	1 324	797	36.6
Craftsmen and kindred workers	96	68 541	443	1 613	6 431	7 518	7 970	16 709	15 399	5 975	4 606	1 877	41.2
Apparel craftsmen and upholsterers		683	5	33	52	55	56	119	90	68	81	124	47.4
Bakers		812	29	11	56	99	87	185	145	87	76	37	41.7
Cabinetmakers		292	7	—	24	26	30	59	68	17	46	15	45.0
Construction craftsmen	22	16 689	126	382	1 466	1 684	1 927	4 140	3 842	1 463	1 130	529	41.7
Carpenters		4 471	33	124	351	401	493	1 059	1 075	391	333	211	42.9
Excavating, grading, and road machine operators		1 139	17	29	37	88	176	381	273	71	58	9	40.8
Electricians		3 151	10	75	415	414	262	721	763	240	209	42	40.5
Masons and tile setters		1 094	5	24	110	72	201	295	231	80	46	30	39.6
Painters, construction and maintenance, and paperhangers	11	2 141	53	72	121	171	232	551	430	208	207	96	42.6
Plasterers and cement finishers		746	4	—	41	32	127	185	198	75	52	32	44.1
Plumbers and pipe fitters		2 855	4	36	280	307	281	697	712	289	179	70	42.5
Other construction craftsmen		1 092	—	22	111	199	155	251	160	109	46	39	37.4
Foremen, n.e.c.	6	10 173	7	30	382	860	1 360	3 008	2 759	924	668	175	43.1
Manufacturing	6	6 744	7	21	236	626	852	2 023	1 826	615	435	103	43.1
Nonmanufacturing industries		3 429	—</										

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**

CINCINNATI, OHIO-KY.-IND., SMSA—Continued

Total—Continued

Male employed—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											Median age
		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	
Operatives, except transport	281	55 442	1 253	3 331	7 773	7 356	6 016	11 468	10 099	4 162	2 741	1 243	36.7
Assemblers.....	14	8 322	77	611	1 486	1 546	977	1 465	1 321	503	251	85	32.3
Checkers, examiners, and inspectors; manufacturing.....	—	3 515	10	105	369	388	313	879	846	350	190	65	41.5
Garage workers and gas station attendants.....	84	2 439	496	681	322	132	145	275	180	70	58	80	20.7
Laundry and drycleaning operatives, n.e.c.....	—	330	43	27	31	39	13	64	56	31	11	15	36.9
Meat cutters and butchers.....	9	1 932	35	81	218	230	168	384	347	213	132	124	41.1
Mine operatives, n.e.c.....	—	67	5	10	—	6	7	18	6	15	—	—	...
Packers and wrappers, except produce.....	17	1 953	127	256	383	215	152	336	230	119	100	35	29.9
Painters, manufactured articles.....	6	1 192	—	83	179	146	170	269	222	77	35	11	35.7
Precision machine operatives.....	—	5 721	13	178	582	746	671	1 321	1 330	451	313	116	40.1
Sawyers.....	—	361	13	27	32	53	—	77	74	39	42	4	42.2
Stationary firemen.....	—	726	—	10	45	74	70	144	155	103	112	13	46.3
Textile operatives.....	—	107	12	5	20	13	8	24	15	3	—	7	32.2
Welders and flamecutters.....	4	3 660	6	83	434	567	489	947	774	175	144	41	37.7
Other metalworking operatives.....	6	2 977	33	137	379	366	421	594	644	206	137	60	37.6
Other specified operatives.....	106	8 513	205	382	1 233	1 147	910	1 634	1 475	641	532	354	37.3
Miscellaneous and not specified operatives.....	35	13 627	178	655	2 060	1 688	1 502	3 037	2 424	1 166	684	233	37.4
Occupation:													
Machine operatives, miscellaneous specified.....	15	6 086	66	267	853	776	673	1 440	1 083	541	315	72	37.8
Machine operatives, not specified.....	—	2 764	15	121	411	317	299	714	502	224	129	32	38.1
Miscellaneous operatives.....	14	3 075	68	200	515	404	343	603	458	226	155	103	35.1
Not specified operatives.....	6	1 702	29	67	281	191	187	280	381	175	85	26	38.4
Industry:													
Manufacturing.....	19	11 906	78	540	1 805	1 486	1 361	2 708	2 127	1 035	585	181	37.5
Durable goods.....	16	6 010	24	288	896	814	688	1 318	1 114	501	273	94	37.2
Wood products, including furniture.....	6	518	9	57	74	42	47	122	65	46	38	18	37.5
Primary metal industries.....	5	605	—	27	61	104	37	88	160	68	60	—	43.4
Fabricated metal industries.....	—	970	—	34	165	95	113	268	132	102	41	20	37.9
Machinery, including electrical.....	—	1 912	5	131	267	286	229	424	311	140	89	30	35.9
Motor vehicles and equipment.....	—	785	—	9	92	95	143	174	206	66	—	—	38.1
Transportation equipment, except motor vehicles.....	—	384	5	5	66	59	23	120	72	23	11	—	37.8
Other durable goods.....	5	836	5	25	171	133	96	122	168	56	34	26	34.4
Nondurable goods.....	3	5 793	54	239	909	657	654	1 365	997	534	303	81	37.8
Food and kindred products.....	—	1 273	6	16	214	74	159	256	278	215	35	20	41.5
Apparel and other fabricated textile products.....	—	126	7	7	17	25	10	36	4	—	—	17	36.1
Paper and allied products.....	—	1 358	7	52	217	169	142	427	204	99	27	14	37.2
Chemicals and allied products.....	—	1 500	5	50	245	200	184	355	272	84	105	—	36.9
Other nondurable goods.....	3	1 536	36	114	216	189	159	291	239	136	126	30	36.9
Not specified manufacturing industries.....	—	103	—	13	—	15	19	25	16	—	9	6	36.8
Nonmanufacturing industries.....	16	1 721	100	115	255	202	141	329	297	131	99	52	36.4
Transportation, communications, and other public utilities.....	—	413	—	20	78	57	43	76	68	32	33	6	36.1
Wholesale and retail trade.....	6	736	69	45	81	90	53	140	122	61	43	32	37.1
All other industries.....	10	572	31	50	96	55	45	113	107	38	23	14	35.8
Transport equipment operatives.....	69	21 058	353	623	2 042	2 383	2 377	5 500	4 617	1 620	1 052	491	40.0
Bus drivers.....	—	1 054	—	17	93	36	71	191	264	202	128	52	49.5
Taxicab drivers and chauffeurs.....	—	808	10	9	44	40	60	186	217	88	69	85	47.5
Truck drivers and deliverymen.....	30	14 622	290	464	1 308	1 738	1 783	3 990	3 166	1 058	604	221	39.3
Other transport equipment operatives.....	39	4 574	53	133	597	569	463	1 133	970	272	251	133	39.2
Laborers, except farm	534	19 352	1 765	2 029	3 027	1 994	1 593	3 078	2 897	1 343	971	655	32.7
Construction laborers.....	17	3 152	156	167	369	321	305	567	680	257	255	75	39.6
Freight, stock, and material handlers.....	184	6 634	954	1 201	1 713	944	692	1 226	1 019	442	303	140	27.4
Other specified laborers.....	274	4 684	462	440	586	376	359	793	714	403	208	343	36.5
Miscellaneous and not specified laborers.....	59	2 882	193	221	359	353	237	492	484	241	205	97	36.6
Occupation:													
Miscellaneous laborers.....	12	860	52	58	97	88	63	183	148	74	60	37	38.9
Not specified laborers.....	47	2 022	141	163	262	265	174	309	336	167	145	60	35.2
Industry:													
Manufacturing.....	—	1 471	51	129	207	250	137	258	219	122	80	18	33.6
Durable goods.....	—	901	30	83	126	148	85	165	161	66	25	12	33.7
Wood products, including furniture.....	—	58	6	9	14	10	—	11	8	—	—	—	...
Metal industries.....	—	353	16	24	39	53	37	65	68	36	15	—	36.2
Machinery, including electrical.....	—	237	5	32	15	32	36	49	42	4	10	12	34.8
Transportation equipment.....	—	175	3	14	45	38	4	25	31	15	—	—	28.4
Other durable goods.....	—	78	—	4	13	15	8	15	12	11	—	—	...
Nondurable goods.....	—	561	21	46	77	97	52	93	58	56	55	6	33.8
Food and kindred products.....	—	215	—	8	26	39	40	53	13	20	16	—	34.3
Not specified manufacturing industries.....	—	9	—	—	4	5	—	—	—	—	—	—	...
Nonmanufacturing industries.....	59	1 411	142	92	152	103	100	234	265	119	125	79	40.0
Railroads and railway express service.....	—	191	4	—	23	17	—	25	53	18	38	13	50.0
Transportation, except railroads.....	6	62	—	—	7	9	—	25	6	9	6	—	...
Communications, and utilities and sanitary services.....	—	205	6	10	21	18	32	34	42	15	12	15	39.6
Wholesale and retail trade.....	15	473	71	60	40	35	32	78	55	37	30	35	34.8
All other industries.....	38	480	61	22	61	24	36	72	109	40	39	16	40.0
Farmers and farm managers	—	1 878	15	9	57	80	95	295	424	288	153	462	54.2
Farm laborers and farm foremen	100	1 024	148	98	97	61	66	157	87	73	98	139	37.7
Paid farm laborers and farm foremen.....	83	896	106	85	87	50	66	140	76	73	93	120	38.9
Unpaid family workers.....	17	128	42	13	10	11	—	17	11	—	5	19	24.5
Service workers, except private household¹	720	25 101	2 567	1 646	2 271	1 849	1 623	4 155	4 442	2 394	2 254	1 900	41.2
Cleaning service workers.....	248	9 184	812	503	756	431	493	1 400	1 796	1 064	1 006	923	46.1
Food service workers.....	235	5 845	1 429	782	547	368	182	658	799	418	413	249	27.2
Cooks, except private household.....	36	1 925	414	295	243	142	69	238	258	112	115	39	25.4
Busboys and dishwashers.....	110	1 279	661	261	120	29	25	40	34	49	32	28	17.9
Health service workers.....	—	877	69	118	191	76	98	154	92	26	25	28	29.0
Personal service workers.....	133	2 333	182	90	205	179	191	362	374	233	252	265	43.8
Protective service workers.....	10	5 046	6	30	326	660	531	1 165	1 084	485	426	333	43.3
Firemen, fire protection.....	—	1 148	—	—	18	175	244	441	207	37	26	—	38.1
Guards and watchmen.....	10	1 800	—	10	109	96	53	251	510	288	297	186	52.5
Policemen and detectives.....	—	1 775	6	20	194	371	229	449	318	117	50	21	36.5
Private household workers	39	371	44	10	3	26	17	64	71	27	45	64	48.0

¹Includes 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

CINCINNATI, OHIO-KY.-IND., SMSA—Continued

Total—Continued

	Persons 14 and 15 years old	Persons 16 years old and over										Median age	
		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
Female employed	1 199	193 897	4 605	11 340	30 413	19 522	16 252	37 132	39 267	16 018	11 287	8 061	39.0
Professional, technical, and kindred workers	39	29 637	120	395	5 593	4 658	3 095	5 744	5 367	1 958	1 490	1 217	36.7
Accountants.....	—	2 012	5	45	222	201	211	411	603	151	101	62	42.8
Computer specialists.....	—	324	—	19	148	70	18	31	27	—	11	—	24.8
Librarians.....	—	647	14	25	14	78	62	146	151	47	54	56	43.9
Mathematical specialists.....	—	92	—	10	15	16	5	20	12	9	5	—	...
Life and physical scientists.....	—	222	3	—	51	21	29	36	48	12	6	16	36.9
Registered nurses, dietitians, and therapists.....	—	5 597	—	13	1 114	893	553	1 125	1 088	370	258	183	37.0
Dietitians.....	—	5 193	—	8	1 022	823	526	1 070	985	345	231	183	37.0
Registered nurses.....	—	207	—	5	58	23	11	32	56	22	10	—	38.6
Health technologists and technicians.....	—	1 207	4	64	378	245	91	193	158	43	17	14	28.2
Social scientists.....	—	207	—	3	46	61	17	37	14	5	9	15	29.5
Social and recreation workers.....	—	972	—	19	239	148	65	153	174	80	50	44	36.0
Teachers: College and university.....	—	667	—	—	100	76	116	194	96	44	27	14	37.1
Elementary and prekindergarten.....	6	8 464	21	48	1 491	1 299	899	1 668	1 442	636	543	417	37.8
Secondary.....	—	2 895	—	—	628	651	354	524	365	151	123	99	32.4
Other teachers.....	14	849	3	36	119	109	125	131	151	61	64	50	37.5
Engineering and science technicians.....	4	724	6	32	165	75	45	220	118	49	11	3	36.8
Technicians, except health, and engineering and science.....	—	63	—	5	14	5	—	13	21	5	—	—	...
Writers, artists, and entertainers.....	—	1 412	31	27	340	191	143	242	212	101	77	48	34.1
Actors and dancers.....	—	56	—	—	33	19	—	4	—	—	—	—	...
Authors, editors, and reporters.....	—	386	—	—	83	37	41	99	45	42	22	17	38.2
Other professional, technical, and kindred workers.....	15	3 283	33	49	509	519	362	600	687	194	134	196	37.8
Managers and administrators, except farm	—	5 734	10	73	423	454	437	1 282	1 526	702	457	370	46.2
Buyers, purchasing agents, and sales managers.....	—	966	—	19	121	104	60	197	251	99	94	21	44.1
Restaurant, cafeteria, and bar managers.....	—	725	5	—	26	54	66	131	233	109	73	28	48.5
School administrators.....	—	336	—	5	8	6	53	101	70	46	28	19	44.4
Other specified managers and administrators.....	—	1 292	—	24	133	120	123	262	294	141	90	105	44.3
Managers and administrators, n.e.c., salaried.....	—	1 942	5	19	135	150	109	483	523	260	125	133	46.3
Wholesale and retail trade.....	—	597	5	5	68	37	17	181	148	75	37	24	44.2
Managers and administrators, n.e.c., self-employed.....	—	473	—	6	—	20	26	108	155	47	47	64	49.9
Wholesale and retail trade.....	—	288	—	—	—	17	10	77	100	24	28	32	49.0
Sales workers	77	15 926	749	1 030	1 534	913	1 120	3 051	3 694	1 743	1 123	969	43.6
Demonstrators, hucksters, and peddlers.....	5	778	19	20	57	146	125	168	99	67	41	36	36.3
Insurance, real estate agents, and brokers.....	—	1 020	4	13	58	85	60	249	263	136	72	80	46.6
Sales clerks, retail trade.....	36	11 132	638	850	1 050	416	645	2 035	2 744	1 261	812	681	44.7
Salesmen, retail trade.....	—	342	5	26	46	18	24	41	90	56	23	13	46.2
Other sales workers.....	36	2 654	83	121	323	248	266	558	498	223	175	159	40.1
Clerical and kindred workers	228	72 674	1 620	6 852	15 692	7 264	5 753	12 692	12 819	4 911	3 186	1 885	34.3
Bank tellers.....	—	1 239	26	142	334	136	61	236	198	66	30	10	29.3
Bookkeepers.....	11	8 357	92	429	1 204	680	605	1 691	1 976	760	518	402	41.9
Cashiers.....	39	4 868	396	644	760	424	440	899	774	294	153	84	32.4
Counter clerks, except food.....	4	1 443	99	172	277	122	106	212	224	142	64	25	32.4
Enumerators and interviewers.....	—	232	—	9	10	14	28	105	41	19	6	—	40.2
File clerks.....	24	2 575	111	496	592	198	145	386	305	173	114	55	27.2
Office machine operators.....	—	4 143	43	358	1 145	605	450	669	566	163	121	23	29.3
Bookkeeping and billing machine operators.....	—	378	—	34	68	66	35	104	38	9	24	—	33.0
Keypunch operators.....	—	2 631	27	179	829	449	324	432	298	51	25	17	28.1
Payroll and timekeeping clerks.....	3	711	5	35	109	49	62	177	180	49	31	14	40.4
Receptionists.....	10	2 254	62	311	485	213	120	368	365	123	123	84	32.3
Secretaries.....	9	19 027	134	1 304	4 523	2 298	1 511	3 341	3 418	1 261	795	442	34.2
Stenographers.....	—	838	12	186	252	60	25	92	107	31	22	51	24.4
Telephone operators.....	6	2 429	57	315	522	173	147	388	363	173	223	68	35.0
Typists.....	9	7 632	208	1 051	2 010	681	641	1 138	1 019	427	289	168	29.0
Other clerical and kindred workers.....	113	16 926	375	1 400	3 469	1 611	1 412	2 990	3 283	1 230	697	459	35.7
Craftsmen and kindred workers	14	3 674	51	119	374	270	342	765	944	347	265	197	43.9
Foremen, n.e.c.....	—	927	—	8	51	52	60	205	292	114	79	66	48.0
Operatives, except transport	90	23 239	236	613	2 204	2 442	2 288	5 472	5 659	2 032	1 499	794	42.0
Assemblers.....	4	3 468	12	57	330	472	414	868	891	259	117	48	40.2
Bottling and canning operatives.....	—	382	—	16	26	35	20	74	119	25	61	6	46.7
Checkers, examiners, and inspectors; manufacturing.....	14	2 239	27	3	147	189	246	632	571	216	167	41	43.0
Dressmakers and seamstresses, except factory.....	5	620	11	—	22	11	32	83	143	119	92	107	55.3
Laundry and dry cleaning operatives, including ironers.....	6	1 462	14	24	97	123	104	356	423	168	92	61	45.3
Graders and sorters, manufacturing.....	—	337	—	9	51	32	19	68	76	26	47	9	43.5
Packers and wrappers, except produce.....	9	3 398	66	78	328	428	466	840	761	196	157	78	39.0
Sewers and stitchers.....	—	2 141	5	55	181	140	145	466	481	240	263	165	46.6
Textile operatives.....	—	111	—	12	17	4	10	10	35	19	4	—	45.7
Other specified operatives.....	48	4 248	51	142	513	491	398	896	956	388	236	177	40.9
Miscellaneous and not specified operatives.....	4	4 833	50	217	492	517	434	1 179	1 203	376	263	102	41.0
Manufacturing.....	4	4 255	22	169	430	465	411	1 043	1 055	331	238	91	41.0
Durable goods.....	4	1 461	17	49	67	168	110	456	380	108	76	30	42.0
Machinery, including electrical.....	4	567	13	22	24	72	34	171	181	18	17	15	41.9
Other durable goods.....	—	894	4	27	43	96	76	285	199	90	59	15	42.1
Nondurable goods, including not specified manufacturing.....	—	2 794	5	120	363	297	301	587	675	223	162	61	40.3
Food and kindred products.....	—	248	5	—	20	11	10	56	64	32	46	4	48.4
Apparel and other fabricated textile products.....	—	253	—	16	41	12	20	14	68	45	37	—	48.5
Nonmanufacturing industries.....	—	578	28	48	62	52	23	136	148	45	25	11	40.6
Transport equipment operatives	16	805	20	18	63	65	139	209	168	47	46	30	39.7
Laborers, except farm	44	1 944	71	130	209	164	158	417	406	184	99	106	40.8
Farmers and farm managers	—	189	—	5	4	14	—	35	39	34	24	34	54.4
Farm laborers and farm foremen	9	271	9	7	25	25	18	65	71	10	32	9	42.9
Paid farm laborers and farm foremen	9	211	9	7	25	16	18	40	50	10	32	4	42.6
Unpaid family workers	—	60	—	—	—	9	—	25	21	—	—	5	...
Service workers, except private household¹	386	32 936	1 404	1 937	4 066	3 019	2 703	6 556					

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**

CINCINNATI, OHIO-KY.-IND., SMSA—Continued

Negro

	Persons 14 and 15 years old	Persons 16 years old and over											Median age
		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	
Male employed	234	27 911	668	1 010	3 171	3 157	3 028	6 201	5 571	2 185	1 780	1 140	39.7
Professional, technical, and kindred workers	22	1 779	29	67	354	318	257	368	203	61	49	73	32.4
Engineers	—	140	—	—	8	39	23	24	33	13	—	—	35.0
Lawyers and judges	—	—	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists	—	89	—	—	11	16	20	29	6	7	—	—	...
Physicians, dentists, and related practitioners	—	82	—	—	11	—	4	41	17	—	—	9	...
Health workers, except practitioners	—	94	9	—	19	15	23	18	10	—	—	—	...
Social and recreation workers	—	143	8	11	36	21	30	16	14	—	—	7	28.9
Teachers	5	394	12	—	96	66	57	85	32	31	11	4	32.0
Technicians, except health	—	274	—	26	116	82	8	19	18	—	5	—	24.8
Writers, artists, and entertainers	5	79	—	—	24	22	11	15	7	—	—	—	...
Other professional, technical, and kindred workers	12	484	—	30	33	57	81	121	66	10	33	53	38.4
Managers and administrators, except farm	—	722	—	4	43	134	57	209	165	58	41	11	40.9
Salaried	—	572	—	4	37	123	37	170	123	38	29	11	40.0
Manufacturing	—	55	—	—	—	21	12	10	6	6	—	—	...
Retail trade	—	141	—	—	19	57	6	28	13	5	13	—	29.5
All other industries	—	376	—	4	18	45	19	132	104	27	16	11	42.7
Self-employed	—	150	—	—	6	11	20	39	42	20	12	—	44.7
Retail trade	—	58	—	—	6	—	15	20	17	—	—	—	...
All other industries	—	92	—	—	—	11	5	19	25	20	12	—	...
Sales workers	12	519	41	38	58	92	108	90	42	26	24	—	32.0
Manufacturing and wholesale trade	7	119	10	6	10	16	44	22	6	5	—	—	32.0
Retail trade	5	269	31	32	29	47	32	41	24	16	17	—	29.5
All other industries	—	131	—	—	19	29	32	27	12	5	7	—	32.7
Clerical and kindred workers	41	2 875	58	144	420	413	297	637	539	161	162	44	36.7
Bookkeepers and billing clerks	—	92	—	4	28	35	11	8	6	—	—	—	...
Mail handlers and postal clerks	—	1 010	11	21	55	62	156	338	266	63	26	12	40.9
Other clerical and kindred workers	41	1 773	47	119	337	316	130	291	267	98	136	32	32.6
Craftsmen and kindred workers	14	3 617	11	102	316	371	482	862	809	299	273	92	41.1
Carpenters	—	84	—	5	6	—	12	25	19	11	—	6	...
Construction craftsmen, except carpenters	—	826	11	10	66	37	117	195	244	50	81	15	43.8
Automobile mechanics, including body repairmen	—	393	—	11	48	42	51	101	73	28	31	8	39.4
Mechanics and repairmen, except auto	—	391	—	4	46	56	31	103	88	22	25	16	40.7
Machinists	—	152	—	—	9	15	38	23	29	16	22	—	41.1
Metal craftsmen, except mechanics and machinists	—	256	—	—	14	20	47	29	69	43	29	5	47.6
Foremen, n.e.c.	—	401	—	9	16	34	49	135	91	31	27	9	41.9
Other craftsmen and kindred workers	14	1 114	—	63	111	167	137	251	196	98	58	33	38.1
Operatives, except transport	18	6 320	91	256	983	910	797	1 341	1 094	444	273	131	35.9
Assemblers	3	1 349	18	114	303	266	155	212	162	85	25	9	29.5
Garage workers and gas station attendants	4	166	—	17	19	14	11	59	31	9	—	—	38.7
Laundry and drycleaning operatives, including ironers	4	187	14	5	11	11	3	45	62	20	11	5	45.7
Precision machine operatives	—	304	—	7	19	34	67	106	54	—	10	7	37.4
Other operatives, except transport	7	4 314	59	113	631	585	561	919	785	330	227	104	37.3
Durable goods, manufacturing	4	2 410	11	38	347	433	346	499	409	176	128	23	35.6
Nondurable goods, including not specified manufacturing	—	1 170	14	53	201	113	133	306	158	97	42	53	37.3
Nonmanufacturing industries	3	734	34	22	83	39	82	114	218	57	57	28	44.4
Transport equipment operatives	—	2 068	24	48	132	180	276	524	501	179	117	87	42.1
Truck drivers	—	1 151	3	—	55	65	160	359	296	136	40	37	43.1
Other transport equipment operatives	—	917	21	48	77	115	116	165	205	43	77	50	39.9
Laborers, except farm	27	4 456	104	98	443	403	365	925	1 075	444	377	222	43.8
Construction laborers	—	1 121	—	—	54	75	72	227	371	133	168	21	48.6
Freight, stock, and material handlers	15	1 244	66	50	181	136	120	230	251	110	80	20	38.0
Other laborers, except farm	12	2 091	38	48	208	192	173	468	453	201	129	181	43.3
Manufacturing industries	6	514	—	21	75	67	61	102	120	40	22	6	38.2
Farmers and farm managers	—	19	5	—	—	—	—	—	—	10	—	—	...
Farm laborers and farm foremen	5	95	—	—	21	10	15	13	11	—	9	16	...
Service workers, except private household ¹	83	5 143	305	248	398	300	353	1 168	1 061	494	410	406	43.3
Cleaning service workers	28	2 706	120	93	149	126	115	637	699	281	238	248	46.6
Food service workers	24	1 003	146	98	111	96	59	195	139	58	49	52	34.3
Health service workers	—	333	21	25	55	19	52	94	40	17	4	6	34.5
Personal service workers	5	324	14	—	13	17	24	62	50	51	57	36	51.4
Protective service workers	10	254	—	—	24	9	37	53	64	27	18	22	45.6
Private household workers	12	298	—	5	3	26	17	64	71	9	45	58	49.8
Female employed	114	24 213	490	911	3 149	2 809	2 617	5 417	4 713	1 899	1 257	951	38.9
Professional, technical, and kindred workers	10	2 430	22	36	377	403	364	640	404	77	64	43	35.2
Registered nurses	—	357	—	—	63	51	72	109	47	11	—	4	34.5
Health workers, except nurses	—	257	—	—	52	34	14	97	55	—	—	5	37.9
Teachers, elementary and secondary schools	6	894	6	9	94	141	135	239	170	44	38	18	37.6
Technicians, except health	—	47	—	6	20	5	—	16	—	—	—	—	...
Other professional, technical, and kindred workers	4	875	16	21	148	172	143	179	132	22	26	16	32.8
Managers and administrators, except farm	—	247	—	—	21	10	13	71	64	18	31	19	46.3
Salaried	—	185	—	—	12	10	8	58	42	12	24	19	46.1
Self-employed	—	62	—	—	9	—	5	13	22	6	7	—	...
Sales workers	—	610	22	23	109	58	79	149	94	46	20	10	35.9
Retail trade	—	534	22	23	109	58	55	132	73	41	11	10	35.0
Clerical and kindred workers	56	5 216	193	550	1 460	844	621	851	476	139	48	34	27.4
Bookkeepers and cashiers	8	531	18	29	157	67	95	87	56	7	—	—	25.0
Office machine operators	—	508	13	37	204	123	63	189	125	45	7	5	26.7
Secretaries, stenographers, and typists	18	1 402	62	114	433	266	156	307	519	80	41	13	28.2
Other clerical and kindred workers	30	2 775	100	370	666	388	307	519	63	86	35	10	27
Craftsmen and kindred workers	4	343	10	7	38	22	45	63	86	35	10	27	42.9
Operatives, except transport	—	2 777	36	71	373	416	358	651	589	160	74	49	37.1
Sewers and slitchers	—	214	5	16	27	17	29	58	58	4	—	—	37.2
Laundry and drycleaning operatives, including ironers	—	582	9	—	47	18	32	185	181	57	33	20	45.0
Other operatives, except transport	—	1 981	22	55	299	381	297	408	350	99	41	29	33.9
Durable goods, manufacturing	—	736	—	17	111	140	130	167	123	24	13	11	33.8
Nondurable goods, including not specified manufacturing	—	747	17	38	138	185	113	147	70	15	17	7	29.9
Nonmanufacturing industries	—	498	5	—	50	56	54	94	157	60	11	11	43.9
Transport equipment operatives	4	78	—	3	7	13	7	13	18	6	6	5	...
Laborers, except farm	—	322	11	5	33	48	28	72	60	16	29	20	40.0
Farmers and farm managers	—	27	—	5	4	—	—	8	10	—	—	—	...
Farm laborers and farm foremen	—	56	—	—	8	16	14	—	—	—	18	—	...
Service workers, except private household ¹	32	8 025	190	174	628	833	949	2 240	1 706	657	379	269	40.5
Cleaning service workers	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**

CLEVELAND SMSA

Total

	Persons 14 and 15 years old	Persons 16 years old and over											Median age
		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	
Male employed	6 750	518 864	14 671	18 155	50 655	58 229	51 663	109 400	117 393	47 845	31 590	19 263	41.0
Professional, technical, and kindred workers	77	76 618	289	813	8 836	13 019	9 920	17 223	15 172	4 911	3 609	2 826	38.2
Accountants	—	7 161	—	19	822	1 437	709	1 456	1 521	522	428	247	39.1
Architects	—	700	—	—	10	87	117	249	120	35	47	35	40.5
Computer specialists	—	2 361	—	38	470	824	434	412	127	41	15	—	29.1
Engineers	—	16 241	—	34	1 052	2 086	2 204	4 111	4 366	1 296	747	345	41.7
Aeronautical and astronautical	—	493	—	—	20	46	60	157	164	30	16	—	42.7
Civil	—	1 476	—	17	52	131	217	404	349	121	136	49	42.9
Electrical and electronic	—	2 927	—	5	293	567	445	622	629	223	88	55	37.5
Mechanical	—	2 775	—	5	171	252	323	724	852	259	128	64	43.8
Other engineers	—	8 570	—	7	516	1 090	1 159	2 204	2 372	663	382	177	41.9
Lawyers and judges	—	3 556	—	7	40	479	505	890	768	192	267	408	43.4
Life and physical scientists	—	2 262	—	9	202	472	366	524	428	111	95	55	36.6
Chemists	—	1 786	—	9	163	397	234	415	366	99	63	40	37.2
Physicians, dentists, and related practitioners	6	5 801	—	6	67	677	817	1 460	1 112	496	409	757	44.1
Dentists	—	1 018	—	—	—	41	120	241	215	83	136	182	50.0
Pharmacists	—	746	—	—	19	68	76	167	119	80	87	130	48.6
Physicians, medical and osteopathic	—	3 556	—	6	39	494	573	971	668	273	133	399	41.9
Other related practitioners	6	481	—	—	9	74	48	81	110	60	53	46	47.6
Health technologists and technicians	—	829	5	17	188	186	121	164	92	35	5	16	30.8
Religious workers	4	1 383	—	—	19	140	139	383	356	110	136	100	45.3
Social scientists	—	1 045	—	—	94	243	133	296	162	70	15	32	36.8
Social and recreation workers	7	1 055	42	21	200	155	124	145	164	74	64	66	34.4
Teachers	22	9 925	37	91	1 899	2 255	1 435	2 095	1 272	326	299	216	32.4
College and university	—	1 953	—	21	204	312	313	494	384	64	81	80	37.6
Elementary and prekindergarten	16	1 751	3	21	484	440	168	348	199	41	25	22	29.2
Secondary	—	5 633	—	22	1 120	1 436	891	1 212	582	177	132	61	31.3
Engineering and science technicians	6	9 081	43	305	1 833	1 621	984	1 735	1 620	533	310	97	33.8
Draftsmen and surveyors	6	4 463	30	173	898	743	434	812	860	272	182	59	34.5
Electrical and electronic engineering technicians	—	1 453	9	16	283	364	169	292	208	85	27	—	31.6
Technicians, except health, and engineering and science	—	812	13	15	110	135	117	178	139	39	46	20	35.9
Airplane pilots	—	197	—	—	20	35	49	36	31	10	16	—	34.4
Writers, artists, and entertainers	17	5 590	86	112	663	844	535	1 185	1 173	449	287	256	39.7
Other professional, technical, and kindred workers	15	8 816	63	139	1 167	1 378	1 180	1 940	1 752	582	439	176	37.5
Managers and administrators, except farm	101	55 745	123	307	2 364	5 362	5 858	14 235	15 434	5 794	3 845	2 423	44.7
Buyers, purchasing agents, and sales managers	4	9 446	16	34	464	1 072	1 050	2 691	2 534	940	478	167	42.8
School administrators	—	1 147	5	—	38	63	127	421	334	85	52	22	43.1
Specified managers and administrators, public administration	—	2 246	—	—	77	159	151	465	734	311	219	130	48.7
Other specified managers and administrators	23	9 706	33	124	677	1 112	1 157	2 224	2 248	952	766	413	42.9
Managers and administrators, n.e.c., salaried	63	28 902	65	145	1 026	2 680	3 068	7 494	8 333	2 968	1 840	1 283	45.0
Manufacturing	19	10 579	5	4	216	642	966	2 718	3 462	1 217	660	459	46.5
Wholesale and retail trade	32	7 788	52	69	410	874	1 009	1 938	1 929	754	425	328	42.6
Transportation, communications, and other public utilities	—	2 323	—	11	78	241	209	623	651	201	222	87	45.0
All other industries	12	8 212	8	61	322	723	854	2 215	2 291	796	533	409	44.7
Managers and administrators, n.e.c., self-employed	11	4 298	4	4	82	276	305	940	1 251	538	490	408	49.3
Construction	—	685	—	—	16	42	53	201	179	101	64	29	46.7
Manufacturing	—	359	—	—	8	14	13	75	113	31	76	29	51.2
Wholesale and retail trade	6	2 165	4	—	41	149	196	468	610	266	265	166	46.7
All other industries	5	1 089	—	4	17	71	43	196	349	140	85	184	51.1
Sales workers	3 224	37 484	1 797	1 376	3 362	4 562	3 482	7 847	7 824	3 063	2 085	2 086	40.3
Insurance agents, brokers, and underwriters	66	3 851	6	5	265	523	382	1 065	904	362	147	192	42.0
Real estate agents and brokers	—	1 717	—	6	57	119	125	365	430	203	183	229	49.3
Sales representatives, manufacturing industries	4	6 258	42	53	447	957	669	1 739	1 410	402	273	266	40.5
Sales representatives, wholesale trade	9	8 032	16	31	633	1 046	960	1 748	1 903	800	464	431	42.6
Sales clerks, retail trade	140	7 832	894	995	1 092	670	470	869	1 260	580	497	505	32.8
Salesmen, retail trade	9	3 618	63	88	404	461	284	789	795	319	215	200	41.5
Salesmen of services and construction	5	1 987	51	22	176	254	230	479	430	158	122	65	40.4
Other sales workers	2 991	4 189	725	176	288	532	362	793	692	239	184	198	35.1
Clerical and kindred workers	221	43 360	1 293	2 397	6 488	4 698	3 914	7 468	9 031	3 668	2 675	1 728	38.9
Bank tellers and cashiers	21	1 235	133	169	285	76	34	83	155	90	103	107	27.0
Bookkeepers and billing clerks	12	3 227	18	125	585	404	303	482	623	215	206	261	38.7
Mail handlers and postal clerks	12	6 262	115	206	466	418	577	1 564	1 847	620	325	129	43.6
Other clerical and kindred workers	176	32 636	1 027	1 897	5 152	3 800	3 000	5 339	6 406	2 743	2 041	1 231	37.7
Craftsmen and kindred workers	180	115 865	717	2 672	10 094	11 816	11 692	26 669	29 644	12 218	7 409	2 934	42.9
Apparel craftsmen and upholsterers	5	1 008	10	30	60	42	70	155	209	262	118	137	124
Bakers	—	1 065	35	31	49	29	103	251	259	171	87	50	46.3
Cabinetmakers	—	435	—	—	35	36	44	80	121	59	44	16	46.9
Construction craftsmen	40	25 029	121	407	2 068	2 506	2 540	6 330	6 356	2 423	1 583	695	42.7
Carpenters	25	5 653	35	108	344	437	592	1 469	1 719	470	296	183	43.9
Excavating, grading, and road machine operators	—	1 453	6	27	101	110	189	375	390	140	91	24	42.8
Electricians	—	5 900	18	86	613	794	681	1 351	1 385	477	349	146	40.6
Masons and tile setters	—	2 181	—	20	128	150	210	851	490	201	93	38	41.8
Painters, construction and maintenance, and paperhangers	11	2 963	54	54	189	230	223	597	720	436	350	110	46.9
Plasterers and cement finishers	—	838	—	11	61	54	72	289	220	77	24	30	42.6
Plumbers and pipe fitters	4	4 543	8	64	483	511	385	1 027	1 111	471	342	141	43.0
Other construction craftsmen	—	1 498	—	37	149	220	188	371	321	151	38	23	39.2
Foremen, n.e.c.	—	18 048	4	41	607	1 347	1 926	4 784	5 503	2 298	1 227	311	45.6
Manufacturing	—	13 012	—	25	419	979	1 279	3 435	4 149	1 701	869	156	45.9
Nonmanufacturing industries	—	5 036	4	16	188	368	647	1 349	1 354	597	358	155	44.6
Linemen and servicemen, telephone and power	—	4 376	—	349	1 056	762	489	960	526	151	78	5	30.2
Locomotive engineers and firemen	—	670	—	11	77	77	30	118	223	55	43	36	46.0
Mechanics and repairmen	29	23 254	305	902	2 480	2 756	2 505	5 300	5 126	2 151	1 246	483	40.1
Air conditioning, heating, and refrigeration	—	1 023	—	17	89	132	80	283	240	86	76	20	41.8
Aircraft	—	655	3										

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

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

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

CLEVELAND SMSA—Continued

Total—Continued

Male employed—Continued

	Persons 14 and 15 years old	Persons 16 years old and over										Median age	
		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
Operatives, except transport	469	91 147	2 322	4 149	9 718	10 016	8 606	17 434	21 377	9 874	5 718	1 933	41.2
Assemblers.....	5	8 408	102	284	1 051	941	852	1 639	2 051	971	395	122	40.9
Checkers, examiners, and inspectors; manufacturing.....	4	7 039	15	122	542	659	572	1 265	2 034	1 030	546	154	46.2
Garage workers and gas station attendants.....	174	3 787	1 326	1 003	380	167	88	267	262	145	78	71	19.1
Laundry and drycleaning operatives, n.e.c.....	9	499	45	48	58	55	32	73	72	46	40	30	36.6
Meat cutters and butchers.....	—	1 939	9	24	140	246	167	341	494	288	148	82	45.9
Mine operatives, n.e.c.....	—	152	4	—	9	6	23	53	43	5	5	4	41.4
Packers and wrappers, except produce.....	21	2 256	193	203	289	164	129	301	540	242	143	52	40.0
Painters, manufactured articles.....	—	1 347	18	65	117	180	173	236	261	178	97	22	40.1
Precision machine operatives.....	5	12 359	36	284	1 175	1 536	1 137	2 167	3 371	1 574	853	226	44.3
Sawyers.....	—	531	—	17	54	49	51	106	122	72	45	15	43.9
Stationary firemen.....	—	1 217	—	22	35	49	66	303	407	149	132	54	48.3
Textile operatives.....	12	308	22	20	64	20	28	34	50	31	39	—	35.0
Welders and flamecutters.....	—	6 539	29	148	709	825	603	1 416	1 638	688	362	121	41.7
Other metalworking operatives.....	11	7 926	65	288	682	914	901	1 636	1 920	921	490	109	41.8
Other specified operatives.....	177	13 440	208	556	1 653	1 464	1 372	2 653	2 916	1 320	867	431	40.5
Miscellaneous and not specified operatives.....	51	23 400	250	1 065	2 760	2 741	2 412	4 844	5 196	2 214	1 478	440	40.1
Occupation:													
Machine operatives, miscellaneous specified.....	9	8 712	85	391	933	1 113	909	1 869	1 856	816	562	178	39.9
Machine operatives, not specified.....	7	7 134	23	223	859	862	799	1 511	1 609	647	471	130	40.3
Miscellaneous operatives.....	29	4 777	114	318	611	534	417	955	1 057	416	257	98	39.1
Not specified operatives.....	6	2 777	28	133	357	232	287	509	674	335	188	34	41.9
Industry:													
Manufacturing.....	21	21 191	140	918	2 480	2 528	2 175	4 420	4 754	2 062	1 333	381	40.3
Durable goods.....	12	16 694	80	598	1 934	1 942	1 701	3 486	3 894	1 689	1 065	305	41.0
Wood products, including furniture.....	—	268	—	33	37	32	26	33	62	31	10	4	36.8
Primary metal industries.....	—	3 863	—	112	366	389	422	896	1 012	374	247	45	42.2
Fabricated metal industries.....	—	2 834	26	147	393	275	315	531	654	231	196	66	39.9
Machinery, including electrical.....	—	4 299	18	173	505	654	365	886	894	401	290	113	39.9
Motor vehicles and equipment.....	—	3 511	—	52	432	427	406	779	813	390	192	20	40.6
Transportation equipment, except motor vehicles.....	7	556	6	5	22	44	22	82	219	92	59	5	49.4
Other durable goods.....	5	1 363	30	76	179	121	145	279	240	170	71	52	39.7
Nondurable goods.....	9	4 293	60	297	527	575	466	871	813	364	257	63	37.5
Food and kindred products.....	—	522	25	23	51	32	56	125	111	47	37	15	40.9
Apparel and other fabricated textile products.....	—	89	—	7	15	—	11	5	26	14	—	11	—
Paper and allied products.....	—	563	11	56	52	95	108	85	118	8	20	10	33.1
Chemicals and allied products.....	9	1 457	—	56	155	180	160	339	340	143	69	15	40.2
Other nondurable goods.....	—	1 662	24	155	254	268	131	317	218	152	131	12	35.0
Not specified manufacturing industries.....	—	204	—	23	19	11	8	63	47	9	11	13	41.5
Nonmanufacturing industries.....	30	2 209	110	147	280	213	237	424	442	152	145	59	37.8
Transportation, communications, and other public utilities.....	6	570	5	34	71	82	79	90	130	40	35	4	36.6
Wholesale and retail trade.....	19	835	60	76	106	52	81	177	124	72	53	34	37.4
All other industries.....	5	804	45	37	103	79	77	157	188	40	57	21	38.9
Transport equipment operatives	57	27 798	351	871	2 714	2 868	3 210	6 852	6 488	2 341	1 345	758	40.7
Bus drivers.....	—	1 940	—	5	183	175	219	405	557	220	124	52	44.6
Taxicab drivers and chauffeurs.....	—	896	—	61	100	56	67	152	198	100	88	74	45.6
Truck drivers and deliverymen.....	27	17 981	254	510	1 673	1 882	2 104	4 708	4 178	1 454	849	369	40.5
Other transport equipment operatives.....	30	6 981	97	295	758	755	820	1 587	1 555	567	284	263	39.8
Laborers, except farm	952	30 936	3 744	3 167	3 889	2 760	2 251	5 047	5 107	2 420	1 711	840	34.2
Construction laborers.....	29	3 534	113	190	417	443	349	823	706	220	192	81	38.1
Freight, stock, and material handlers.....	326	14 032	2 468	1 997	1 975	1 056	943	1 952	2 003	868	594	176	27.7
Other specified laborers.....	460	7 830	916	611	828	699	562	1 344	1 285	708	543	334	37.2
Miscellaneous and not specified laborers.....	137	5 540	247	369	669	562	397	928	1 113	624	382	249	40.7
Occupation:													
Miscellaneous laborers.....	38	1 799	30	47	174	203	113	407	404	230	139	52	43.2
Not specified laborers.....	99	3 741	217	322	495	359	284	521	709	394	243	197	38.7
Industry:													
Manufacturing.....	4	3 269	79	207	413	356	267	601	674	351	225	96	40.2
Durable goods.....	4	2 703	40	149	345	292	196	526	578	319	187	71	41.3
Wood products, including furniture.....	—	59	6	—	8	4	—	8	23	—	—	10	—
Metal industries.....	—	1 566	19	83	191	203	140	298	345	151	100	36	39.9
Machinery, including electrical.....	—	321	6	35	55	13	13	52	78	37	20	12	42.4
Transportation equipment.....	—	516	5	10	58	49	38	117	89	99	46	5	43.4
Other durable goods.....	4	241	4	21	33	23	5	51	43	32	21	8	41.8
Nondurable goods.....	—	514	33	47	68	50	71	75	90	32	30	18	34.2
Food and kindred products.....	—	81	4	—	13	11	9	6	17	6	10	5	—
Not specified manufacturing industries.....	—	52	6	11	—	14	—	—	6	—	8	7	—
Nonmanufacturing industries.....	133	2 271	168	162	256	206	190	327	439	273	157	153	41.5
Railroads and railway express service.....	—	262	—	5	19	10	6	52	87	20	44	19	49.5
Transportation, except railroads.....	—	137	5	—	19	22	8	12	37	17	12	5	45.7
Communications, and utilities and sanitary services.....	14	346	—	5	15	33	25	60	103	75	25	5	48.4
Wholesale and retail trade.....	61	661	99	82	89	63	23	71	61	93	21	59	29.8
All other industries.....	58	865	64	70	114	78	68	132	151	68	55	65	37.9
Farmers and farm managers	20	1 468	18	7	70	56	104	318	383	159	130	223	49.2
Farm laborers and farm foremen	183	1 529	287	167	174	87	107	188	186	83	94	156	32.3
Paid farm laborers and farm foremen.....	165	1 439	266	153	158	87	97	188	186	83	94	127	32.9
Unpaid family workers.....	18	90	21	14	16	—	10	—	—	—	—	29	—
Service workers, except private household¹	1 238	36 628	3 717	2 216	2 942	2 985	2 504	6 062	6 701	3 275	2 930	3 296	41.5
Cleaning service workers.....	357	12 270	1 119	786	898	530	610	1 765	2 285	1 502	1 450	1 325	46.9
Food service workers.....	635	6 914	1 983	884	633	322	325	789	887	415	308	368	24.7
Coaks, except private household.....	71	2 199	548	296	168	110	135	340	270	139	74	119	29.0
Busboys and dishwashers.....	392	1 753	912	341	139	57	31	61	88	47	43	34	17.9
Health service workers.....	5	975	108	114	207	106	65	187	128	28	12	20	27.8
Personal service workers.....	71	3 496	295	203	277	392	291	478	616	279	248	417	41.1
Protective service workers.....	—	10 095	39	41	583	1 434	1 006	2 291	2 210	734	760	997	43.5
Firemen, fire protection.....	—	2 114	—	—	79	327	300	719	488	116	43	42	39.9
Guards and watchmen.....	—	3 223	36	20	155	223	150	473	656	416	535	559	53.5
Policemen and detectives.....	—	4 067	3	21	305	855	535	1 056	946	154	109	83	38.0
Private household workers	28	286	13	13	4	—	15	57	46	39	39	60	53.9

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

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

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

CLEVELAND SMSA—Continued

Total—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											Median age
		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	
Female employed	2 115	309 721	9 365	17 656	47 758	28 749	23 422	58 289	69 351	26 850	17 802	10 479	39.8
Professional, technical, and kindred workers	64	45 856	243	716	8 890	7 562	4 338	8 675	8 451	3 293	2 325	1 363	36.4
Accountants.....	—	1 897	—	74	319	162	123	407	397	196	177	42	41.6
Computer specialists.....	—	674	—	7	318	165	55	71	39	11	4	4	25.4
Librarians.....	6	1 220	33	19	105	148	109	189	310	157	100	50	45.2
Mathematical specialists.....	—	96	—	—	15	15	20	12	24	10	—	—	...
Life and physical scientists.....	—	369	—	—	69	61	44	72	93	15	12	3	36.5
Registered nurses, dietitians, and therapists.....	5	8 974	19	34	1 601	1 374	974	1 808	1 887	658	415	204	37.7
Dietitians.....	—	423	10	5	49	58	39	83	115	39	21	4	41.1
Registered nurses.....	5	8 015	4	29	1 415	1 211	885	1 628	1 667	605	385	186	37.8
Health technologists and technicians.....	—	2 260	10	95	716	427	210	360	261	95	62	24	28.6
Social scientists.....	—	237	—	3	46	57	14	44	24	35	6	8	34.5
Social and recreation workers.....	12	1 690	33	21	314	229	154	249	355	131	124	80	38.8
Teachers: College and university.....	—	987	—	47	132	133	119	179	209	68	60	40	38.5
Elementary and prekindergarten.....	5	12 132	9	69	2 466	2 249	1 083	2 298	2 098	877	691	292	35.8
Secondary.....	7	4 877	13	21	1 145	1 073	439	724	855	252	164	191	32.1
Other teachers.....	15	977	21	18	96	103	103	216	165	103	85	67	41.8
Engineering and science technicians.....	—	1 114	16	94	252	148	88	206	216	47	23	24	32.7
Technicians, except health, and engineering and science.....	—	144	—	4	10	5	35	22	37	20	6	5	43.2
Writers, artists, and entertainers.....	4	2 461	67	84	409	309	204	575	437	188	98	90	37.7
Actors and dancers.....	—	103	14	17	29	18	—	15	10	—	—	—	23.5
Authors, editors, and reporters.....	—	583	9	5	80	87	53	128	148	20	41	12	39.5
Other professional, technical, and kindred workers.....	10	5 747	22	126	877	904	564	1 243	1 044	430	298	38.1	
Managers and administrators, except farm	18	9 214	46	124	754	540	665	1 966	2 696	1 122	796	505	46.9
Buyers, purchasing agents, and sales managers.....	—	1 709	7	42	263	130	129	317	460	216	113	32	43.9
Restaurant, cafeteria, and bar managers.....	—	853	—	5	13	43	40	204	303	113	87	45	49.0
School administrators.....	—	664	—	—	10	10	30	179	244	105	67	19	49.2
Other specified managers and administrators.....	—	1 905	11	23	183	131	132	362	519	253	150	141	47.1
Managers and administrators, n.e.c., salaried.....	11	3 465	21	54	274	222	295	804	955	353	278	209	45.7
Wholesale and retail trade.....	—	1 086	7	40	104	81	72	277	280	125	49	51	43.6
Managers and administrators, n.e.c., self-employed.....	7	618	7	—	11	4	39	100	215	82	101	59	51.9
Wholesale and retail trade.....	7	358	7	—	5	4	24	56	142	53	61	6	50.8
Sales workers	270	26 290	2 111	1 996	2 310	1 332	1 478	4 549	6 735	2 774	1 824	1 181	43.6
Demonstrators, hucksters, and peddlers.....	—	1 027	8	18	110	132	150	294	180	66	37	32	38.2
Insurance, real estate agents, and brokers.....	—	1 778	10	21	171	100	125	390	561	166	129	105	46.3
Sales clerks, retail trade.....	117	18 798	1 846	1 699	1 457	725	798	2 972	5 054	2 136	1 291	820	44.7
Salesmen, retail trade.....	—	499	35	20	58	40	33	120	108	42	28	15	40.3
Other sales workers.....	153	4 188	212	238	514	335	372	773	832	364	339	209	40.5
Clerical and kindred workers	490	120 495	3 313	10 650	25 286	11 425	8 222	20 280	24 106	8 464	5 797	2 952	35.7
Bank tellers.....	—	2 349	36	186	569	231	145	439	556	115	57	15	35.2
Bookkeepers.....	33	13 171	103	689	2 132	1 057	903	2 487	3 167	1 130	1 030	473	41.8
Cashiers.....	50	7 645	781	824	971	458	495	1 446	1 659	580	265	166	37.0
Counter clerks, except food.....	9	1 868	146	171	316	127	128	305	344	165	113	53	36.5
Enumerators and interviewers.....	—	278	—	—	36	10	19	76	93	17	10	17	44.7
File clerks.....	—	3 712	276	587	855	249	163	403	646	300	137	96	27.8
Office machine operators.....	51	6 140	49	548	1 656	764	469	1 130	917	316	203	88	30.6
Bookkeeping and billing machine operators.....	4	850	5	74	223	89	63	215	118	20	31	12	32.7
Keypunch operators.....	—	3 278	26	331	977	517	292	583	397	97	44	12	27.9
Payroll and timekeeping clerks.....	—	1 741	5	116	420	146	96	247	377	185	109	40	38.5
Receptionists.....	22	3 313	91	383	745	261	223	467	626	214	199	104	34.0
Secretaries.....	33	32 205	263	2 149	7 811	3 878	2 419	5 280	6 468	1 955	1 282	700	34.1
Stenographers.....	—	1 094	11	123	195	83	55	162	263	107	62	33	39.9
Telephone operators.....	5	4 695	96	556	1 113	318	264	743	800	281	339	183	35.0
Typists.....	18	11 842	449	1 697	2 719	1 148	814	1 751	1 834	721	461	248	29.6
Other clerical and kindred workers.....	265	30 442	1 007	2 621	5 748	2 695	2 027	5 344	6 356	2 378	1 530	736	37.1
Craftsmen and kindred workers	40	5 370	42	140	505	488	358	1 220	1 410	561	395	251	44.4
Foremen, n.e.c.....	—	1 283	—	4	104	93	87	284	381	167	107	56	46.8
Operatives, except transport	127	39 500	413	949	3 359	3 049	3 425	8 937	11 560	4 304	2 450	1 054	44.6
Assemblers.....	9	5 309	24	107	431	360	449	1 259	1 685	618	285	91	45.1
Bottling and canning operatives.....	—	57	—	5	—	13	—	16	8	4	—	11	...
Checkers, examiners, and inspectors; manufacturing.....	5	3 625	5	39	158	227	296	657	1 311	614	254	64	48.3
Dressmakers and seamstresses, except factory.....	—	971	6	—	16	28	20	164	299	195	151	92	53.4
Laundry and dry cleaning operatives, including ironers.....	12	2 479	49	58	227	127	226	593	676	242	184	97	44.3
Graders and sorters, manufacturing.....	—	120	—	16	15	5	9	10	21	10	20	14	47.4
Packers and wrappers, except produce.....	12	4 080	89	106	369	366	367	983	1 207	396	144	53	42.6
Sewers and sitchers.....	5	4 376	34	98	305	298	346	888	1 245	613	392	157	46.8
Textile operatives.....	—	918	10	23	103	75	65	239	226	78	64	35	42.7
Other specified operatives.....	74	9 404	148	202	919	879	892	2 241	2 460	858	536	269	42.4
Miscellaneous and not specified operatives.....	10	8 167	48	295	816	671	755	1 887	2 422	676	420	171	42.9
Manufacturing.....	10	7 462	35	263	754	657	682	1 736	2 217	628	371	119	42.7
Durable goods.....	5	4 217	8	117	360	329	381	995	1 393	360	209	65	44.2
Machinery, including electrical.....	5	1 741	—	27	172	186	148	389	589	134	62	34	43.7
Other durable goods.....	—	2 476	8	90	188	143	233	606	804	226	147	31	44.5
Nondurable goods, including not specified manufacturing.....	5	3 245	27	146	394	328	301	741	824	268	162	54	40.8
Food and kindred products.....	—	328	8	30	19	7	26	58	110	35	21	14	46.5
Apparel and other fabricated textile products.....	—	367	3	20	59	42	25	77	78	24	30	9	39.5
Nonmanufacturing industries.....	—	699	13	32	62	14	73	151	205	48	49	52	45.2
Transport equipment operatives	2	1 207	4	17	105	97	175	332	296	114	44	23	41.2
Laborers, except farm	31	2 991	160	176	317	289	224	599	696	293	147	90	40.5
Farmers and farm managers	—	359	—	5	7	17	45	82	102	39	27	35	47.3
Farm laborers and farm foremen	—	550	25	16	69	19	60	116	120	65	24	36	42.4
Paid farm laborers and farm foremen.....	—	454	20	16	59	19	51	105	86	38	24	36	40.9
Unpaid family workers.....	—	96	5	—	10	—	9	11	34	27	—	—	...
Service workers, except private household¹	525	50 327	2 571	2 708	5 850	3 646	4 149	10 304	11 461	4 728	3 027	1 883	41.1
Cleaning service workers.....	22	8 400	104	95	260	313	567	1 778	2 574	1 312	922	475	49.2
Chambermaids and maids.....	13	1 958	70	38	79	82	117	405	570	315	168	114	48.3
Food service workers.....	167	18 975	1 678	1 215	1 509	1 230	1 454	4 024	4 522	1 756	1 017	570	41.0
Cooks, except private household.....													

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**

CLEVELAND SMSA—Continued

Negro

Male employed

	Persons 14 and 15 years old	Persons 16 years old and over											Median age
		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	
Professional, technical, and kindred workers	28	66 336	1 496	2 677	6 651	7 257	7 266	16 349	14 250	5 201	3 159	2 030	39.8
Engineers	—	334	—	7	44	44	68	86	64	6	11	4	35.5
Lawyers and judges	—	93	—	—	4	—	6	36	25	6	6	10	—
Life and physical scientists	—	67	—	5	22	—	—	21	5	—	—	—	—
Physicians, dentists, and related practitioners	—	120	5	—	—	10	20	37	32	9	—	12	43.1
Health workers, except practitioners	—	208	—	4	26	15	42	64	34	12	—	6	36.9
Social and recreation workers	—	238	12	11	28	10	26	74	44	14	10	9	39.3
Teachers	10	599	3	19	71	116	74	200	63	15	15	23	35.8
Technicians, except health	—	442	4	31	111	112	36	100	38	—	10	—	28.3
Writers, artists, and entertainers	8	285	13	10	18	54	43	71	40	17	14	5	35.6
Other professional, technical, and kindred workers	10	1 110	19	38	185	206	129	241	189	45	44	14	34.1
Managers and administrators, except farm	4	2 231	18	5	139	269	272	641	548	206	61	72	41.4
Salaried	4	1 793	18	5	128	234	230	564	408	140	29	37	40.0
Self-employed	—	178	—	—	4	29	39	50	51	—	—	5	38.4
Retail trade	—	428	10	—	5	78	74	124	64	19	—	8	35.1
All other industries	4	1 187	8	5	73	127	117	390	293	121	29	24	41.8
Sales workers	213	1 768	119	184	246	181	242	430	218	54	44	50	33.2
Manufacturing and wholesale trade	189	473	61	39	70	89	70	72	52	9	—	11	28.7
Retail trade	24	835	58	128	114	43	118	213	91	20	25	25	33.2
All other industries	—	460	—	17	62	49	54	145	75	25	19	14	38.3
Clerical and kindred workers	26	6 194	201	414	877	674	732	1 489	1 192	345	164	106	36.3
Bookkeepers and billing clerks	—	167	—	—	60	10	20	40	23	10	—	4	33.4
Mail handlers and postal clerks	—	1 916	43	59	124	137	242	660	478	109	43	21	40.3
Other clerical and kindred workers	26	4 111	158	355	693	527	470	789	691	226	121	81	33.4
Craftsmen and kindred workers	57	10 748	36	235	941	1 254	1 195	2 847	2 676	875	428	261	41.0
Carpenters	10	341	4	6	17	29	44	78	98	31	18	16	44.0
Construction craftsmen, except carpenters	—	1 815	5	30	138	203	144	484	492	186	85	48	43.0
Automobile mechanics, including body repairmen	—	1 040	—	23	94	96	99	303	289	83	34	19	41.9
Mechanics and repairmen, except auto	—	1 119	8	30	108	159	99	253	235	138	44	45	41.1
Machinists	—	551	4	26	42	120	62	119	81	52	29	16	36.8
Metal craftsmen, except mechanics and machinists	5	1 271	—	25	108	136	115	351	356	105	55	20	42.2
Foremen, n.e.c.	—	1 066	—	—	27	100	162	374	306	50	23	24	41.5
Other craftsmen and kindred workers	42	3 545	15	95	407	411	470	885	819	230	140	73	39.2
Operatives, except transport	52	17 383	178	667	1 891	2 248	2 047	4 196	3 681	1 371	810	294	39.0
Assemblers	5	1 428	11	21	180	216	227	338	254	118	37	26	36.7
Garage workers and gas station attendants	14	465	55	91	19	37	23	106	66	35	27	6	35.7
Laundry and drycleaning operatives, including ironers	—	339	—	26	21	23	25	92	73	45	29	5	43.1
Precision machine operatives	—	915	5	9	126	169	150	244	131	61	20	—	35.0
Other operatives, except transport	33	14 236	107	520	1 545	1 803	1 622	3 416	3 157	1 112	697	257	39.5
Durable goods, manufacturing	7	10 778	30	319	1 110	1 335	1 198	2 645	2 485	889	521	146	40.1
Nondurable goods, including not specified manufacturing	3	7 680	26	95	208	226	251	364	327	99	90	52	36.7
Nonmanufacturing industries	23	1 820	51	106	227	242	173	407	345	124	86	59	37.7
Transport equipment operatives	12	6 573	14	153	551	600	823	1 814	1 596	514	294	214	41.3
Truck drivers	5	2 491	4	48	121	161	275	846	655	204	111	66	42.5
Other transport equipment operatives	7	4 082	10	105	430	439	548	968	941	310	183	148	40.3
Laborers, except farm	107	8 683	305	345	760	844	773	2 014	2 065	833	499	245	41.5
Construction laborers	3	990	5	19	39	78	98	284	338	90	19	20	44.0
Freight, stock, and material handlers	30	2 800	194	163	279	238	230	689	556	241	155	55	39.3
Other laborers, except farm	74	4 893	106	163	442	528	445	1 041	1 171	502	325	170	42.3
Farmers and farm managers	8	2 356	21	69	217	280	217	527	566	242	138	79	42.1
Farm laborers and farm foremen	8	258	19	20	24	5	30	65	36	25	21	4	43.9
Service workers, except private household ¹	251	8 617	550	522	647	587	677	1 828	1 641	801	701	643	42.1
Cleaning service workers	73	3 703	175	223	253	181	257	765	754	362	418	315	45.0
Food service workers	100	1 387	258	155	107	45	131	230	181	129	68	83	34.9
Health service workers	5	513	39	28	34	7	51	150	97	28	—	10	36.9
Personal service workers	28	710	22	40	53	35	97	142	159	56	52	74	42.6
Protective service workers	—	1 056	4	—	76	162	57	266	206	87	106	92	43.6
Private household workers	—	151	—	7	—	—	7	45	20	27	23	22	53.3
Female employed	451	53 004	1 044	2 732	7 404	6 049	6 000	13 459	9 983	3 278	1 885	1 170	37.4
Professional, technical, and kindred workers	27	6 079	54	114	775	873	781	1 764	1 138	312	184	84	37.5
Registered nurses	5	936	—	9	70	130	116	266	182	58	11	14	40.4
Health workers, except nurses	—	593	—	12	136	84	35	201	89	18	18	—	36.5
Teachers, elementary and secondary schools	5	2 331	6	24	286	358	278	725	432	125	73	24	37.9
Technicians, except health	—	153	7	5	50	12	39	29	3	—	8	—	30.3
Other professional, technical, and kindred workers	17	2 064	41	64	233	289	313	543	352	111	74	46	36.7
Managers and administrators, except farm	6	824	—	14	27	46	51	294	234	100	38	20	42.9
Salaried	6	680	—	14	27	46	46	261	183	65	29	9	42.9
Self-employed	—	144	—	—	—	—	—	33	51	35	9	11	51.7
Sales workers	51	1 929	134	125	281	203	206	450	353	92	63	22	35.3
Retail trade	41	1 587	119	121	226	175	166	364	287	65	53	11	34.6
Clerical and kindred workers	169	14 306	395	1 649	3 648	2 034	1 648	2 881	1 454	363	132	102	28.6
Bookkeepers and cashiers	15	1 536	43	98	331	196	220	413	173	38	7	17	32.3
Office machine operators	—	898	—	63	311	210	67	191	39	11	6	—	26.8
Secretaries, stenographers, and typists	24	3 850	78	553	1 071	708	477	599	271	83	5	5	26.6
Other clerical and kindred workers	130	8 022	274	935	1 935	920	884	1 678	971	231	114	80	29.7
Craftsmen and kindred workers	6	791	3	5	104	92	74	236	142	73	35	27	40.0
Operatives, except transport	29	8 647	108	255	963	1 095	1 155	2 355	1 803	536	266	111	38.2
Sewers and stitchers	—	955	17	32	86	105	124	201	243	112	33	—	40.5
Laundry and drycleaning operatives, including ironers	—	1 526	10	37	168	101	156	434	426	129	48	17	41.7
Other operatives, except transport	29	6 166	81	186	709	889	873	1 720	1 134	295	185	94	37.0
Durable goods, manufacturing	7	2 680	20	57	353	430	419	815	386	114	64	22	35.7
Nondurable goods, including not specified manufacturing	22	2 052	26	77	232	333	285	522	403	106	38	30	36.4
Nonmanufacturing industries	—	1 434	35	52	124	126	169	383	345	75	83	42	40.5
Transport equipment operatives	—	170	—	—	27	3	23	47	34	25	11	—	41.8
Laborers, except farm	12	805	6	64	111	137	90	175	139	41	27	15	34.7
Farmers and farm managers	—	209	—	—	7	17	28	46	66	24	17	4	46.0
Farm laborers and farm foremen	—	167	—	—	24	10	11	51	41	17	9	4	42.5
Service workers, except private household¹	117	14 646	312	483	1 291	1 328	1 750	4 150	3 333	1 068	589	342	40.2
Cleaning service workers	—	3 044	10	34	61	136	271	917	955	331			

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**

COLUMBUS SMSA

Total

	Persons 14 and 15 years old	Persons 16 years old and over											Median age
		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	
Male employed	2 759	219 743	5 457	8 986	28 833	29 469	24 486	47 217	41 357	15 150	11 021	7 767	37.7
Professional, technical, and kindred workers	42	39 432	85	514	5 313	7 470	5 320	9 092	6 890	1 965	1 432	1 351	36.1
Accountants	—	3 141	—	21	359	606	390	629	672	168	170	126	38.1
Architects	—	350	6	—	16	59	37	141	60	21	5	5	39.0
Computer specialists	—	1 275	—	16	226	373	281	253	102	9	5	10	30.4
Engineers	—	7 033	—	5	458	1 039	975	2 191	1 527	383	247	208	39.7
Aeronautical and astronautical	—	445	—	—	15	23	54	234	104	15	—	—	40.6
Civil	—	1 001	—	—	72	131	134	325	151	38	71	79	40.0
Electrical and electronic	—	1 808	—	5	143	318	278	509	436	61	30	28	38.1
Mechanical	—	842	—	—	37	115	103	268	223	36	37	23	41.2
Other engineers	—	2 937	—	—	191	452	406	855	613	233	109	78	39.9
Lawyers and judges	5	1 632	—	—	43	238	166	473	348	92	126	146	42.8
Life and physical scientists	—	1 021	—	—	70	194	216	297	161	44	34	5	36.0
Chemists	—	507	—	—	40	84	96	155	104	23	5	—	37.2
Physicians, dentists, and related practitioners	—	2 781	—	11	144	402	338	742	536	185	152	271	41.7
Dentists	—	510	—	—	6	15	95	126	110	19	32	107	46.2
Pharmacists	—	479	—	11	91	69	31	127	56	42	26	26	38.0
Physicians, medical and osteopathic	—	1 510	—	—	26	291	192	402	294	94	94	117	41.1
Other related practitioners	—	282	—	—	21	27	20	87	76	30	—	21	43.4
Health technologists and technicians	—	550	4	31	180	108	60	80	30	24	14	19	27.8
Religious workers	—	929	—	5	30	103	140	236	204	63	77	71	42.9
Social scientists	—	499	—	—	63	120	85	127	52	21	5	26	33.9
Social and recreation workers	12	726	19	11	124	96	96	193	125	36	14	12	35.9
Teachers	6	6 717	14	59	1 257	1 713	958	1 284	874	218	172	168	31.6
College and university	—	3 350	5	35	457	845	554	662	524	108	87	73	33.0
Elementary and prekindergarten	—	756	4	11	250	178	89	99	74	21	20	10	28.2
Secondary	—	2 257	—	7	491	630	277	427	236	74	44	71	30.0
Engineering and science technicians	—	3 635	18	163	853	834	514	583	467	123	47	33	29.7
Draftsmen and surveyors	—	1 678	8	69	475	383	198	269	195	31	37	13	28.7
Electrical and electronic engineering technicians	—	635	—	17	137	153	113	101	93	21	—	—	30.5
Technicians, except health, and engineering and science	—	821	—	13	103	67	81	211	256	49	15	26	41.9
Airplane pilots	—	191	—	—	21	—	25	35	94	6	10	—	46.5
Writers, artists, and entertainers	19	2 876	4	117	496	443	308	561	540	193	120	94	36.2
Other professional, technical, and kindred workers	—	5 446	20	62	891	1 075	675	1 091	936	336	229	131	35.0
Managers and administrators, except farm	27	27 163	43	172	1 559	2 937	2 957	7 126	7 043	2 431	1 755	1 140	43.3
Buyers, purchasing agents, and sales managers	—	4 746	—	21	305	629	625	1 386	1 062	337	255	126	40.7
School administrators	—	754	—	—	12	51	130	260	180	54	38	29	42.1
Specified managers and administrators, public administration	6	1 581	—	—	39	109	109	363	508	187	131	135	48.4
Other specified managers and administrators	11	5 118	12	73	475	718	517	1 128	1 271	468	327	129	41.8
Managers and administrators, n.e.c., salaried	5	12 516	31	78	669	1 278	1 390	3 448	3 330	1 040	778	474	43.2
Manufacturing	—	2 783	—	—	91	204	341	756	858	295	151	87	45.0
Wholesale and retail trade	—	3 917	31	46	287	592	460	946	947	304	164	140	40.7
Transportation, communications, and other public utilities	—	985	—	6	42	90	69	281	247	125	85	40	45.2
All other industries	—	4 831	—	26	249	392	520	1 465	1 278	316	378	207	43.4
Managers and administrators, n.e.c., self-employed	5	2 448	—	—	59	152	186	541	692	345	226	247	49.1
Construction	—	598	—	—	15	46	46	188	172	71	24	36	45.2
Manufacturing	—	173	—	—	—	7	5	18	56	39	22	26	55.1
Wholesale and retail trade	—	1 117	—	—	23	64	83	247	303	182	105	110	49.7
All other industries	5	560	—	—	21	35	52	88	161	53	75	75	50.2
Sales workers	1 109	17 584	550	681	2 013	2 467	1 794	3 836	3 262	1 155	943	883	38.4
Insurance agents, brokers, and underwriters	16	2 611	4	5	272	540	325	587	488	163	116	111	37.7
Real estate agents and brokers	—	992	—	—	19	85	88	230	219	124	86	141	48.4
Sales representatives, manufacturing industries	—	2 209	—	11	126	289	278	630	490	140	155	90	41.4
Sales representatives, wholesale trade	—	3 285	3	23	276	397	786	731	211	156	124	59.7	
Sales clerks, retail trade	70	3 703	273	470	711	358	277	501	478	222	154	259	30.7
Salesmen, retail trade	5	1 742	27	65	176	225	139	380	378	129	133	90	41.3
Salesmen of services and construction	5	1 152	11	38	99	205	98	332	206	78	68	17	38.8
Other sales workers	1 018	1 890	232	69	334	189	190	390	272	88	75	51	33.2
Clerical and kindred workers	84	19 167	521	1 397	3 852	2 495	1 689	3 139	3 287	1 286	886	615	33.9
Bank tellers and cashiers	4	810	156	200	242	51	25	25	43	25	26	17	21.0
Bookkeepers and billing clerks	—	1 061	16	41	198	83	81	197	219	72	90	64	40.7
Mail handlers and postal clerks	—	2 708	26	90	301	268	231	595	744	247	136	70	42.4
Other clerical and kindred workers	80	14 588	323	1 066	3 111	2 093	1 352	2 322	2 281	942	634	464	32.6
Craftsmen and kindred workers	87	42 070	297	918	4 639	5 052	5 258	10 111	8 994	3 367	2 361	1 073	39.8
Apparel craftsmen and upholsterers	—	231	—	—	30	—	13	74	66	22	18	8	44.8
Bakers	—	413	4	35	38	37	55	137	53	22	27	5	37.7
Cabinetmakers	—	190	—	11	21	20	16	25	47	22	20	8	45.4
Construction craftsmen	15	10 536	113	262	1 231	1 252	1 349	2 517	2 288	751	519	254	39.2
Carpenters	6	2 721	41	76	347	349	291	680	471	209	182	75	38.8
Excavating, grading, and road machine operators	—	689	—	—	53	55	99	218	200	36	15	13	41.3
Electricians	—	1 913	—	48	251	310	271	430	358	107	93	45	36.8
Masons and tile setters	—	943	4	27	128	77	173	255	233	23	15	8	37.5
Painters, construction and maintenance, and paperhangers	9	1 544	47	69	144	150	187	298	304	141	125	79	40.9
Plasterers and cement finishers	—	422	4	5	25	42	31	125	118	56	8	8	43.3
Plumbers and pipe fitters	—	1 639	11	20	132	198	218	344	494	137	64	21	42.0
Other construction craftsmen	—	665	6	17	151	71	79	167	110	42	17	5	35.5
Foremen, n.e.c.	5	6 498	4	34	188	598	931	2 017	1 662	647	383	34	42.4
Manufacturing	—	3 724	—	10	88	345	559	1 232	938	349	193	10	42.0
Nonmanufacturing industries	5	2 774	4	24	100	253	372	785	724	298	190	24	43.1
Linemen and servicemen, telephone and power	—	1 590	—	58	459	328	139	406	140	38	22	—	29.2
Locomotive engineers and firemen	—	555	—	10	34	30	25	79	227	73	61	16	49.4
Mechanics and repairmen	12	9 754	89	256	1 204	1 323	1 252	2 366	1 853	712	490	209	38.2
Air conditioning, heating, and refrigeration	—	798	4	10	109	111	114	214	132	51	47	6	37.4
Aircraft	—	591	—	—	33	44	22	155	212	72	43	10	47.0
Automobile, including body	6	3 429	63	166	582	513	424	647	576	220	185	53	34.6
Radio and television	—	531	5	5	44	50	149	128	99	33	5	13	36.0
Other mechanics and repairmen	6	4 405	17	75	436	605	543	1 222	834	336	210	127	39.3
Metal craftsmen, except mechanics	5	4 765	5	51	381	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

COLUMBUS SMSA—Continued

Total—Continued

Male employed—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											Median age
		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	
Operatives, except transport	130	28 096	696	1 645	4 499	4 252	3 232	5 520	4 720	1 665	1 219	648	34.6
Assemblers.....	4	2 657	15	176	601	596	268	482	319	83	75	34	29.5
Checkers, examiners, and inspectors; manufacturing.....	—	2 037	—	36	278	402	256	454	402	97	73	37	36.0
Garage workers and gas station attendants.....	35	1 568	320	388	311	131	63	118	123	37	43	34	21.2
Laundry and drycleaning operatives, n.e.c.....	5	411	48	21	35	46	24	57	80	43	28	29	40.5
Meat cutters and butchers.....	—	880	17	48	113	160	137	135	121	89	31	29	33.7
Mine operatives, n.e.c.....	—	160	—	12	26	11	10	41	42	14	4	—	40.1
Packers and wrappers, except produce.....	9	955	44	134	167	85	111	142	180	49	26	17	32.1
Painters, manufactured articles.....	6	425	9	18	51	107	25	89	89	18	15	4	35.3
Precision machine operatives.....	—	1 773	6	44	207	229	153	473	406	119	102	34	40.2
Sawyers.....	—	184	—	26	33	27	26	21	41	—	5	—	31.2
Stationary firemen.....	—	411	—	6	23	26	23	50	118	72	40	53	51.6
Textile operatives.....	—	296	—	5	21	84	43	85	21	13	24	—	34.4
Welders and flamecutters.....	—	2 022	9	77	296	263	266	475	383	174	65	14	37.1
Other metalworking operatives.....	—	1 815	19	36	250	256	293	440	360	78	44	39	36.2
Other specified operatives.....	57	4 446	81	142	762	596	466	983	734	289	203	190	36.8
Miscellaneous and not specified operatives.....	14	8 056	128	476	1 325	1 233	1 068	1 475	1 301	490	431	129	34.1
Occupation:													
Machine operatives, miscellaneous specified.....	—	3 345	11	181	601	508	486	569	539	220	174	56	33.8
Machine operatives, not specified.....	4	1 821	14	75	236	291	205	402	344	134	112	8	37.2
Miscellaneous operatives.....	—	1 766	71	168	345	255	237	248	252	64	94	32	30.9
Not specified operatives.....	10	1 124	32	52	143	179	140	256	166	72	51	33	35.6
Industry:													
Manufacturing	5	6 611	81	375	1 045	1 023	925	1 240	1 053	401	383	85	34.2
Durable goods.....	5	4 511	49	233	742	610	565	865	776	314	296	61	35.7
Wood products, including furniture.....	—	126	—	10	27	22	—	29	26	—	—	7	36.4
Primary metal industries.....	—	531	5	9	98	70	90	105	78	39	37	—	34.6
Fabricated metal industries.....	—	542	21	22	95	38	73	92	111	29	50	11	37.4
Machinery, including electrical.....	5	1 797	—	154	367	311	248	300	226	104	75	10	31.3
Motor vehicles and equipment.....	—	303	—	—	22	51	38	46	87	38	12	9	43.8
Transportation equipment, except motor vehicles.....	—	236	4	—	—	7	5	77	73	35	29	6	48.4
Other durable goods.....	—	976	19	38	133	111	111	216	175	67	88	18	38.5
Nondurable goods.....	—	2 032	32	129	293	409	344	362	271	87	81	24	32.2
Food and kindred products.....	—	571	16	40	74	115	115	68	99	34	7	3	31.8
Apparel and other fabricated textile products.....	—	34	4	—	—	10	—	5	4	—	6	—	34.4
Paper and allied products.....	—	368	—	13	37	55	91	75	55	6	36	—	34.3
Chemicals and allied products.....	—	244	—	25	38	47	45	51	41	12	—	5	31.3
Other nondurable goods.....	—	815	12	51	144	182	93	163	72	35	32	11	31.0
Not specified manufacturing industries.....	—	68	—	13	10	4	16	13	6	—	6	—	—
Nonmanufacturing industries	9	1 445	47	101	280	210	143	235	248	89	48	44	33.0
Transportation, communications, and other public utilities.....	—	263	6	11	46	66	26	37	48	9	6	8	30.5
Wholesale and retail trade.....	5	583	20	28	110	83	70	91	118	22	30	11	33.6
All other industries.....	4	599	21	62	124	61	47	107	82	58	12	25	33.4
Transport equipment operatives	25	12 681	112	400	1 618	1 585	1 759	3 216	2 322	933	506	230	37.7
Bus drivers.....	—	529	—	—	47	26	58	115	144	78	57	4	46.3
Taxicab drivers and chauffeurs.....	—	586	—	20	104	98	38	112	86	79	12	22	37.9
Truck drivers and deliverymen.....	10	8 544	79	262	977	1 077	1 201	2 330	1 634	578	256	150	37.9
Other transport equipment operatives.....	15	3 022	33	118	490	384	462	659	458	198	166	54	35.4
Laborers, except farm	460	12 740	1 175	1 493	2 437	1 542	1 067	2 043	1 508	717	473	285	29.1
Construction laborers.....	20	2 022	114	173	303	210	210	432	308	143	65	64	35.0
Freight, stock, and material handlers.....	119	5 541	703	724	1 199	730	436	813	537	237	93	69	26.0
Other specified laborers.....	262	2 888	228	303	500	339	250	417	370	193	189	99	31.5
Miscellaneous and not specified laborers.....	59	2 289	130	293	435	263	171	381	293	144	126	53	30.7
Occupation:													
Miscellaneous laborers.....	13	574	13	61	113	53	58	96	82	33	55	10	34.1
Not specified laborers.....	46	1 715	117	232	322	210	113	285	211	111	71	43	29.4
Industry:													
Manufacturing	9	1 066	12	124	246	148	118	206	136	43	22	11	30.1
Durable goods.....	—	846	6	84	200	120	98	160	106	39	22	11	30.7
Wood products, including furniture.....	—	25	—	—	—	4	—	16	5	—	—	—	—
Metal industries.....	—	475	—	37	148	54	51	85	43	34	18	5	29.9
Machinery, including electrical.....	—	206	—	17	36	50	32	32	35	—	4	—	30.0
Transportation equipment.....	—	24	—	5	—	—	—	—	14	5	—	—	—
Other durable goods.....	—	116	6	25	16	12	15	27	9	—	—	6	29.6
Nondurable goods.....	9	203	—	40	46	28	20	35	30	4	—	—	27.8
Food and kindred products.....	4	101	—	20	27	28	—	12	10	4	—	—	25.6
Not specified manufacturing industries.....	—	17	6	—	—	—	—	11	—	—	—	—	—
Nonmanufacturing industries	50	1 223	118	169	189	115	53	175	157	101	104	42	31.9
Railroads and railway express service.....	—	174	—	8	14	5	6	4	44	21	54	18	56.4
Transportation, except railroads.....	5	63	—	—	10	23	5	7	—	18	—	—	—
Communications, and utilities and sanitary services.....	—	114	—	—	30	7	5	30	21	5	16	—	40.0
Wholesale and retail trade.....	27	381	74	69	41	37	9	51	43	25	23	9	25.9
All other industries.....	18	491	44	92	94	43	28	83	49	32	11	15	26.8
Farmers and farm managers	23	1 798	14	64	150	92	84	313	372	210	210	289	49.9
Farm laborers and farm foremen	79	993	114	108	215	74	42	92	129	97	68	54	29.0
Paid farm laborers and farm foremen.....	60	895	109	87	173	74	42	92	124	77	68	49	30.5
Unpaid family workers.....	19	98	5	21	42	—	—	—	5	20	—	5	—
Service workers, except private household¹	662	17 863	1 837	1 572	2 518	1 492	1 284	2 704	2 806	1 319	1 159	1 172	35.8
Cleaning service workers.....	129	6 038	323	407	682	324	346	802	1 146	700	620	688	46.2
Food service workers.....	328	4 299	1 361	834	770	191	144	329	351	111	90	118	19.9
Cooks, except private household.....	37	1 363	403	322	206	39	36	137	109	44	25	42	19.7
Busboys and dishwashers.....	198	1 302	652	263	190	34	37	44	38	11	—	33	18.0
Health service workers.....	8	606	22	64	134	122	45	62	85	44	15	13	28.4
Personal service workers.....	20	1 530	74	77	273	171	147	270	213	126	87	92	35.9
Protective service workers.....	14	3 730	7	54	293	526	460	978	742	239	235	196	40.4
Firemen, fire protection.....	—	717	—	8	25	75	151	292	115	41	—	10	38.4
Guards and watchmen.....	14	1 355	7	33	116	92	46	228	346	147	189	151	49.5
Policemen and detectives.....	—	1 487	—	—	135	327	247	430	263	45	31	9	35.8
Private household workers	31	156	13	22									

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

COLUMBUS SMSA—Continued

Total—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											Median age
		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	
Female employed	1 005	146 699	3 494	9 166	28 553	16 644	12 962	27 480	26 697	10 039	6 790	4 874	35.9
Professional, technical, and kindred workers	23	25 476	43	491	6 146	4 471	2 563	4 563	3 721	1 384	1 206	888	33.1
Accountants.....	—	1 115	6	41	178	61	60	237	271	120	101	40	43.9
Computer specialists.....	—	319	—	—	146	80	36	40	5	6	—	—	25.8
Librarians.....	—	557	12	49	111	67	28	68	108	25	52	37	36.7
Mathematical specialists.....	—	100	—	—	25	14	9	26	14	8	—	4	...
Life and physical scientists.....	—	128	—	—	24	30	5	34	26	5	4	—	36.5
Registered nurses, dietitians, and therapists.....	—	4 562	10	63	940	730	584	886	753	206	246	144	34.6
Dietitians.....	—	317	10	16	25	31	49	74	50	16	4	—	38.7
Registered nurses.....	—	3 966	—	44	797	646	516	761	678	185	237	102	34.8
Health technologists and technicians.....	—	1 236	—	70	441	239	114	202	82	33	27	28	27.2
Social scientists.....	—	192	—	6	24	51	42	29	35	5	—	—	31.8
Social and recreation workers.....	—	921	4	6	244	199	68	181	123	59	27	10	30.6
Teachers: College and university.....	—	1 255	—	15	283	276	180	211	120	51	68	51	31.5
Elementary and prekindergarten.....	—	6 710	—	22	1 520	1 367	667	1 287	933	368	300	246	33.3
Secondary.....	—	2 372	—	6	669	507	167	376	317	135	115	80	30.1
Other teachers.....	—	607	—	19	106	86	42	133	107	52	25	37	38.8
Engineering and science technicians.....	—	594	—	24	232	76	66	85	83	9	—	12	27.7
Technicians, except health, and engineering and science.....	—	113	—	4	36	5	18	26	24	—	—	—	33.2
Writers, artists, and entertainers.....	—	1 311	11	91	323	238	94	191	203	62	72	26	29.8
Actors and dancers.....	—	44	—	15	11	9	—	—	4	—	—	—	...
Authors, editors, and reporters.....	—	451	—	9	107	114	22	64	77	28	25	5	29.8
Other professional, technical, and kindred workers.....	—	3 384	—	75	844	445	383	551	517	240	156	173	34.3
Managers and administrators, except farm	—	5 147	16	70	427	454	388	1 251	1 388	501	380	272	44.7
Buyers, purchasing agents, and sales managers.....	—	724	—	28	85	46	52	176	211	63	37	26	43.6
Restaurant, cafeteria, and bar managers.....	—	487	—	3	14	33	47	105	185	44	36	20	47.2
School administrators.....	—	282	—	—	5	30	15	72	97	35	15	13	47.0
Other specified managers and administrators.....	—	1 205	—	16	158	119	80	266	258	106	126	76	43.6
Managers and administrators, n.e.c., salaried.....	—	2 014	16	23	161	207	185	559	460	176	129	98	42.4
Wholesale and retail trade.....	—	534	5	23	50	33	31	169	124	40	54	5	42.4
Managers and administrators, n.e.c., self-employed.....	—	435	—	—	4	19	9	73	177	77	37	39	51.4
Wholesale and retail trade.....	—	257	—	—	—	10	5	55	86	54	21	26	51.8
Sales workers	105	10 743	742	911	1 608	716	759	1 810	2 098	1 034	601	464	38.5
Demonstrators, hucksters, and peddlers.....	—	624	18	25	103	96	99	129	106	14	22	12	33.5
Insurance, real estate agents, and brokers.....	—	1 019	—	31	72	81	93	293	302	84	34	29	42.9
Sales clerks, retail trade.....	—	7 018	601	733	1 045	361	374	1 064	1 384	755	370	331	38.7
Salesmen, retail trade.....	—	171	9	10	14	5	11	33	32	38	10	9	46.1
Other sales workers.....	—	1 911	114	112	374	173	182	291	274	143	165	83	35.0
Clerical and kindred workers	174	59 454	1 086	5 339	14 022	6 521	4 943	10 400	10 267	3 255	2 274	1 347	33.8
Bank tellers.....	—	1 095	5	105	347	134	96	212	149	31	11	5	28.4
Bookkeepers.....	—	4 996	31	207	812	468	517	1 078	1 084	298	297	204	39.3
Cashiers.....	—	3 812	348	536	826	310	256	586	569	196	106	79	28.2
Counter clerks, except food.....	—	957	36	117	187	114	84	177	125	59	36	15	31.3
Enumerators and interviewers.....	—	209	—	—	6	20	13	79	30	33	14	14	43.3
File clerks.....	—	1 817	99	319	549	152	118	165	232	86	60	37	24.5
Office machine operators.....	—	3 123	16	414	922	416	284	517	339	119	83	11	27.5
Bookkeeping and billing machine operators.....	—	314	—	38	80	39	28	59	35	15	12	8	30.0
Keypunch operators.....	—	1 999	11	305	673	309	200	329	102	51	16	3	25.2
Payroll and timekeeping clerks.....	—	596	—	18	92	76	40	147	110	88	16	9	39.9
Receptionists.....	—	1 843	37	213	539	167	96	252	324	73	81	61	29.0
Secretaries.....	—	14 341	82	820	3 420	1 895	1 282	2 734	2 745	651	464	248	33.7
Stenographers.....	—	581	—	53	95	53	26	100	156	39	49	10	41.4
Telephone operators.....	—	1 927	41	284	493	205	130	294	244	93	91	52	28.5
Typists.....	—	6 641	112	829	1 878	640	499	1 013	1 025	296	187	162	28.9
Other clerical and kindred workers.....	—	17 523	279	1 422	3 856	1 871	1 502	3 046	3 135	1 193	779	440	34.4
Craftsmen and kindred workers	—	2 582	31	83	327	302	229	581	553	245	148	83	40.5
Foremen, n.e.c.....	—	558	5	5	49	38	37	172	158	51	29	14	43.4
Operatives, except transport	48	15 816	101	500	2 192	1 765	1 794	3 539	3 489	1 270	660	506	39.4
Assemblers.....	—	2 121	—	82	335	279	211	537	415	139	83	40	37.9
Bottling and canning operatives.....	—	9	—	—	—	—	5	—	—	—	—	4	...
Checkers, examiners, and inspectors, manufacturing.....	—	1 982	6	18	156	237	308	438	547	172	50	50	41.1
Dressmakers and seamstresses, except factory.....	—	442	—	—	12	22	40	82	125	72	40	49	50.2
Laundry and dry cleaning operatives, including ironers.....	—	1 054	15	35	114	69	78	248	289	92	57	57	43.7
Graders and sorters, manufacturing.....	—	91	—	—	5	6	7	16	28	20	9	—	...
Packers and wrappers, except produce.....	—	1 490	22	39	199	95	158	454	335	129	48	11	40.1
Sewers and sitchers.....	—	924	11	9	90	49	88	179	226	124	79	69	46.6
Textile operatives.....	—	33	—	—	6	6	—	11	10	—	—	—	...
Other specified operatives.....	—	3 368	25	105	461	326	337	737	737	288	191	161	40.8
Miscellaneous and not specified operatives.....	—	4 302	22	212	814	676	562	837	777	234	103	65	33.8
Manufacturing.....	—	3 805	18	170	715	622	508	771	662	215	79	45	33.7
Durable goods.....	—	2 689	11	165	638	534	375	559	431	121	36	19	31.3
Machinery, including electrical.....	—	2 089	11	148	516	468	302	355	230	54	5	—	28.9
Other durable goods.....	—	800	—	17	122	66	73	204	201	67	31	19	41.0
Non-durable goods, including not specified manufacturing.....	—	916	7	5	77	88	133	212	231	94	43	26	42.0
Food and kindred products.....	—	198	7	—	24	15	40	36	34	35	7	—	38.6
Apparel and other fabricated textile products.....	—	30	—	—	5	9	—	—	5	—	—	—	...
Nonmanufacturing industries.....	—	497	4	42	99	54	54	66	115	19	24	20	34.6
Transport equipment operatives	—	711	—	6	54	93	153	240	127	12	21	5	37.1
Laborers, except farm.....	—	1 078	65	74	198	99	71	243	183	62	38	45	36.3
Farmers and farm managers.....	—	105	—	—	13	11	14	16	9	16	3	23	44.1
Farm laborers and farm foremen.....	—	134	6	—	34	9	9	24	25	5	12	10	38.8
Paid farm laborers and farm foremen.....	—	97	6	—	29	3	9	24	9	5	8	4	...
Unpaid family workers.....	—	37	—	—	5	6	—	—	16	—	4	6	...
Service workers, except private household¹	283	21 808	1 166	1 588	3 250	2 030	1 859	4 285	4 151	1 720	1 043	716	37.4
Cleaning service workers.....	—	2 121	30	75	108	155	142	505	598	220	182	106	45.8
Chambermaids and maids.....	—	867	13	48	66	71	49	198	242	86	56	38	44.4
Food service workers.....	—	9 727	953	855	1 133	764	831	1 888	1 724	792	494	293	36.7
Cooks, except private household													

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**

COLUMBUS SMSA—Continued

Negro

Male employed

	Persons 14 and 15 years old	Persons 16 years old and over											Median age
		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	
Male employed	369	20 186	511	844	2 285	2 432	2 314	4 732	3 809	1 520	972	767	38.6
Professional, technical, and kindred workers	12	1 562	28	15	179	266	191	464	257	85	27	50	37.2
Engineers	—	72	—	—	—	28	13	20	11	—	—	—	—
Lawyers and judges	—	47	—	—	—	—	19	19	3	—	—	6	—
Life and physical scientists	—	54	—	—	—	—	5	25	24	—	—	—	—
Physicians, dentists, and related practitioners	—	81	—	—	—	12	5	17	22	—	13	12	—
Health workers, except practitioners	—	84	—	—	27	13	11	26	3	—	—	4	—
Social and recreation workers	12	207	19	5	19	25	32	54	31	22	—	—	35.6
Teachers	—	247	9	—	18	34	62	86	22	6	5	5	35.1
Technicians, except health	—	172	—	5	26	39	25	65	8	4	—	—	33.2
Writers, artists, and entertainers	—	113	—	—	30	21	11	29	12	10	—	—	32.5
Other professional, technical, and kindred workers	—	485	—	5	59	94	27	123	105	40	9	23	39.7
Managers and administrators, except farm	—	898	11	9	33	121	100	245	237	75	36	31	42.1
Salaried	—	753	11	5	28	117	96	210	193	51	22	20	40.7
Manufacturing	—	50	—	—	—	17	5	8	12	8	—	—	—
Retail trade	—	127	11	—	12	42	29	9	9	5	—	10	29.8
All other industries	—	576	—	5	16	58	62	193	172	38	22	10	42.6
Self-employed	—	145	—	4	5	4	4	35	44	24	14	11	49.7
Retail trade	—	37	—	—	—	4	—	11	4	18	—	—	—
All other industries	—	108	—	4	5	—	4	24	40	6	14	11	49.3
Sales workers	32	454	49	22	104	62	43	82	41	23	11	17	29.2
Manufacturing and wholesale trade	21	69	7	—	20	12	—	17	9	4	—	4	29.1
Retail trade	5	233	42	22	23	36	36	31	18	14	7	4	29.1
All other industries	6	152	—	—	61	14	7	34	14	5	4	13	30.7
Clerical and kindred workers	23	1 959	65	105	232	260	181	508	363	106	89	50	37.7
Bookkeepers and billing clerks	—	49	—	—	15	—	8	17	—	4	5	—	—
Mail handlers and postal clerks	—	666	4	6	51	91	79	168	166	47	30	24	41.1
Other clerical and kindred workers	23	1 244	61	99	166	169	94	323	197	55	54	26	36.0
Craftsmen and kindred workers	10	2 946	19	78	348	337	399	780	552	236	149	48	38.3
Carpenters	—	118	—	—	19	—	21	23	17	19	12	7	43.7
Construction craftsmen, except carpenters	—	706	—	12	72	34	120	274	144	27	19	4	39.2
Automobile mechanics, including body repairmen	—	248	—	9	25	49	21	65	34	17	21	7	38.1
Mechanics and repairmen, except auto	—	357	10	—	6	60	66	76	59	60	14	6	39.8
Machinists	—	44	—	—	4	—	—	21	8	11	—	—	—
Metal craftsmen, except mechanics and machinists	—	323	—	12	34	73	42	52	58	25	21	6	35.1
Foremen, n.e.c.	—	250	—	—	23	20	31	75	60	32	9	—	41.8
Other craftsmen and kindred workers	10	900	9	45	165	101	98	194	172	45	53	18	36.6
Operatives, except transport	35	3 980	53	149	504	649	548	843	750	255	149	80	36.0
Assemblers	—	406	—	32	105	98	52	71	36	7	5	—	28.4
Garage workers and gas station attendants	5	103	—	11	8	26	21	15	15	3	4	—	31.5
Laundry and drycleaning operatives, including ironers	—	229	33	19	20	28	5	27	52	24	13	8	38.5
Precision machine operatives	—	200	—	—	32	19	33	63	33	10	10	—	37.5
Other operatives, except transport	30	3 042	20	87	339	478	437	667	614	211	117	72	37.4
Durable goods, manufacturing	6	1 972	—	53	236	302	291	451	352	142	96	49	37.3
Nondurable goods, including not specified manufacturing	—	426	5	20	44	114	79	57	69	16	17	5	31.9
Nonmanufacturing industries	24	644	15	14	59	62	67	159	193	53	4	18	41.6
Transport equipment operatives	10	1 462	—	36	169	152	235	380	311	95	64	20	38.7
Truck drivers	4	678	—	20	78	77	56	193	148	62	27	17	40.6
Other transport equipment operatives	6	784	—	16	91	75	179	187	163	33	37	3	36.7
Laborers, except farm	100	2 772	65	146	408	297	272	679	427	256	160	62	37.9
Construction laborers	—	489	4	9	40	29	60	132	126	61	18	10	42.8
Freight, stock, and material handlers	26	939	33	72	140	110	105	227	153	64	15	20	35.4
Other laborers, except farm	74	1 344	28	65	228	158	107	320	148	131	127	32	37.7
Manufacturing industries	23	437	6	39	69	56	43	110	47	31	31	5	35.5
Farmers and farm managers	—	40	—	—	—	—	—	8	—	20	12	—	—
Farm laborers and farm foremen	—	69	—	—	20	—	—	4	10	13	—	22	—
Service workers, except private household ¹	147	3 956	221	284	280	277	345	721	851	351	266	360	42.9
Cleaning service workers	45	2 288	83	160	150	107	148	400	536	232	210	262	46.8
Food service workers	46	549	122	77	34	31	44	108	74	19	12	28	31.2
Health service workers	8	137	—	7	15	44	20	18	27	6	—	—	30.6
Personal service workers	—	169	—	—	4	6	14	48	36	32	16	13	48.5
Protective service workers	8	221	—	—	4	19	43	39	51	12	18	35	46.1
Private household workers	—	88	—	—	8	11	—	18	10	5	9	27	—
Female employed	105	18 293	255	931	2 846	2 312	2 085	4 116	3 183	1 288	678	599	36.7
Professional, technical, and kindred workers	—	2 040	10	61	237	290	310	592	337	90	39	74	36.9
Registered nurses	—	257	—	4	—	15	47	109	49	15	6	12	40.7
Health workers, except nurses	—	318	10	21	49	38	44	100	43	6	—	7	34.7
Teachers, elementary and secondary schools	—	607	—	11	48	125	83	174	87	41	20	18	37.1
Technicians, except health	—	31	—	—	14	5	—	7	5	—	—	—	—
Other professional, technical, and kindred workers	—	827	—	25	126	107	136	202	153	28	13	37	36.0
Managers and administrators, except farm	—	466	5	—	30	68	37	148	125	18	27	8	41.3
Salaried	—	424	5	—	25	64	37	132	108	18	27	8	41.1
Self-employed	—	42	—	—	5	4	—	16	17	—	—	—	—
Sales workers	7	390	11	20	80	48	50	86	47	29	8	11	33.6
Retail trade	7	333	11	20	68	42	50	65	29	29	8	11	32.6
Clerical and kindred workers	27	5 522	127	578	1 331	753	658	1 009	685	212	99	70	29.8
Bookkeepers and cashiers	—	419	19	74	94	58	41	68	32	16	6	11	26.9
Office machine operators	—	446	—	38	140	80	53	89	33	13	—	—	27.8
Secretaries, stenographers, and typists	16	1 521	40	168	427	242	198	201	164	32	34	15	27.6
Other clerical and kindred workers	11	3 136	68	298	670	373	366	651	456	151	59	44	32.2
Craftsmen and kindred workers	—	356	—	16	71	74	25	86	62	12	—	10	33.4
Operatives, except transport	—	2 318	4	80	465	440	334	458	345	113	49	30	32.5
Sewers and stitchers	—	150	—	—	32	23	24	29	29	4	4	5	34.2
Laundry and drycleaning operatives, including ironers	—	318	—	6	44	26	33	91	94	24	—	—	40.5
Other operatives, except transport	—	1 850	4	74	389	391	277	338	222	85	45	25	31.2
Durable goods, manufacturing	—	1 260	—	54	314	325	180	197	115	45	25	5	29.0
Nondurable goods, including not specified manufacturing	—	312	—	6	38	47	54	82	48	20	11	6	36.3
Nonmanufacturing industries	—	278	4	14	37	19	43	59	59	20	9	14	38.7
Transport equipment operatives	—	46	—	—	6	11	—	17	12	—	—	—	—
Laborers, except farm	—	166	—	6	38	10	35	35	21	11	4	6	34.1
Farmers and farm managers	—	17	—	—	5	5	—	4	—	—	—	—	—
Farm laborers and farm foremen	—	38	—	—	18	—	5	11	—	—	4	—	—
Service workers, except private household ¹	60	5 099	91	162	529	539	532	1 312	1 085	452	241	156	40.3
Cleaning service workers	11	1 068	5	28	34	69	66	298	304	147	61	56	46.1
Food service workers	27	1 366	53	32	129								

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

DAYTON SMSA

	Persons 14 and 15 years old	Persons 16 years old and over											Median age	
		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		
Total														
Male employed	2 672	209 610	5 537	7 943	24 377	26 235	22 462	46 700	44 179	16 125	9 930	6 122		38.9
Professional, technical, and kindred workers	18	32 844	74	384	3 793	5 438	4 498	8 197	6 503	2 053	1 209	695		37.7
Accountants	—	2 189	—	13	191	449	305	521	400	141	96	73		37.6
Architects	—	178	—	—	5	28	14	41	40	19	20	11		45.3
Computer specialists	—	1 870	—	—	262	431	312	499	305	38	19	4		33.9
Engineers	—	8 375	—	15	588	1 176	1 224	2 280	2 013	737	274	68		40.2
Aeronautical and astronautical	—	637	—	—	30	76	136	201	143	41	10	—		38.8
Civil	—	473	—	5	36	62	67	114	141	20	11	17		40.8
Electrical and electronic	—	1 818	—	5	127	242	266	562	387	172	57	—		39.8
Mechanical	—	1 426	—	—	87	216	223	336	348	125	59	32		40.6
Other engineers	—	4 021	—	5	308	580	532	1 067	994	379	137	19		40.5
Lawyers and judges	—	832	—	—	6	87	81	261	194	74	67	62		44.3
Life and physical scientists	—	855	—	5	45	136	158	271	160	49	26	5		38.1
Chemists	—	588	—	5	34	92	88	205	108	35	16	5		38.7
Physicians, dentists, and related practitioners	8	1 751	—	—	49	141	225	499	397	138	127	175		44.2
Dentists	—	245	—	—	—	18	39	75	53	11	11	38		43.7
Pharmacists	—	378	—	—	36	58	40	81	65	30	38	30		41.8
Physicians, medical and osteopathic	8	899	—	—	7	44	102	306	210	78	68	84		44.7
Other related practitioners	—	229	—	—	6	21	44	37	69	19	10	23		45.9
Health technologists and technicians	—	268	—	15	58	47	43	55	33	12	—	5		31.6
Religious workers	—	908	—	4	41	68	98	316	199	90	52	40		42.7
Social scientists	—	461	—	—	40	111	99	96	92	13	10	—		34.0
Social and recreation workers	—	274	—	11	99	48	31	35	30	10	10	—		27.8
Teachers	5	4 439	5	29	744	1 016	598	998	597	195	172	85		33.6
College and university	—	1 089	—	14	82	190	199	273	206	37	54	34		37.2
Elementary and prekindergarten	—	945	—	—	221	206	88	203	132	30	50	15		32.4
Secondary	—	1 989	—	6	402	530	263	430	204	87	56	11		31.1
Engineering and science technicians	—	3 515	23	126	727	651	419	717	590	113	116	33		32.8
Draftsmen and surveyors	—	1 388	8	49	326	272	124	273	232	46	39	19		31.6
Electrical and electronic engineering technicians	—	938	5	9	166	157	117	236	208	21	19	—		35.6
Technicians, except health, and engineering and science	—	376	—	—	35	73	33	113	86	26	5	5		39.2
Airplane pilots	—	95	—	—	11	19	12	25	28	—	—	—		—
Writers, artists, and entertainers	5	2 452	28	41	292	414	294	551	562	104	100	66		37.8
Other professional, technical, and kindred workers	—	4 101	18	125	611	562	564	944	805	294	115	63		36.8
Managers and administrators, except farm	31	20 448	71	171	1 051	1 890	2 281	5 655	5 555	1 941	1 088	745		43.4
Buyers, purchasing agents, and sales managers	—	3 425	12	26	215	368	394	977	830	365	127	111		42.1
School administrators	—	700	—	4	5	47	114	249	190	53	21	17		42.2
Specified managers and administrators, public administration	—	1 928	—	—	30	52	132	522	745	220	133	94		48.1
Other specified managers and administrators	14	3 021	17	54	338	377	339	711	676	203	193	113		40.4
Managers and administrators, n.e.c., salaried	17	9 537	42	82	443	937	1 118	2 761	2 579	839	467	269		42.8
Manufacturing	4	3 332	—	—	50	294	334	1 047	997	328	185	97		44.4
Wholesale and retail trade	6	2 772	39	48	250	300	335	721	648	237	113	81		40.7
Transportation, communications, and other public utilities	—	626	—	4	26	51	68	202	122	54	62	37		43.1
All other industries	7	2 807	3	30	117	292	381	791	812	220	107	54		42.3
Managers and administrators, n.e.c., self-employed	—	1 837	—	5	20	109	184	435	535	261	147	141		48.1
Construction	—	349	—	—	—	23	39	104	119	30	16	18		45.7
Manufacturing	—	131	—	—	—	19	—	8	50	14	23	17		52.7
Wholesale and retail trade	—	1 024	—	5	20	67	141	227	268	169	74	53		46.9
All other industries	—	333	—	—	—	—	4	96	98	48	34	53		51.8
Sales workers	1 366	12 384	602	558	1 098	1 558	1 290	2 616	2 447	908	713	594		39.2
Insurance agents, brokers, and underwriters	16	1 446	—	—	131	244	176	356	340	82	60	57		39.8
Real estate agents and brokers	—	820	—	—	33	97	87	190	183	101	63	66		45.2
Sales representatives, manufacturing industries	—	1 818	6	5	68	297	254	520	429	87	103	49		40.4
Sales representatives, wholesale trade	5	2 316	19	5	165	383	243	607	483	211	131	69		40.7
Sales clerks, retail trade	33	2 476	348	330	391	146	176	271	328	157	161	168		30.7
Salesmen, retail trade	—	1 650	17	106	157	197	143	315	370	126	111	108		41.5
Salesmen of services and construction	—	668	12	10	48	70	64	161	169	64	45	25		43.1
Other sales workers	1 312	1 190	200	102	105	124	147	196	145	80	39	52		32.2
Clerical and kindred workers	59	15 932	397	835	2 506	1 868	1 569	3 157	3 183	1 141	758	518		37.5
Bank tellers and cashiers	6	380	61	42	85	46	21	27	39	12	9	38		25.2
Bookkeepers and billing clerks	5	1 207	11	39	138	162	103	235	190	172	82	75		41.4
Mail handlers and postal clerks	—	1 741	54	57	181	110	151	476	478	181	26	27		41.7
Other clerical and kindred workers	48	12 604	271	697	2 102	1 550	1 294	2 419	2 476	776	641	378		36.6
Craftsmen and kindred workers	100	46 193	365	1 111	4 236	5 475	5 380	11 012	10 963	4 107	2 580	964		40.9
Apparel craftsmen and upholsterers	7	197	—	—	30	6	6	66	44	21	9	15		43.6
Bakers	7	287	7	13	6	36	27	76	57	22	31	12		42.2
Cabinetmakers	—	145	4	5	—	10	12	34	21	22	29	8		48.6
Construction craftsmen	8	993	84	229	835	968	1 001	2 259	2 055	709	626	227		41.1
Carpenters	10	2 379	22	29	216	204	241	603	511	222	272	59		42.9
Excavating, grading, and road machine operators	—	715	5	11	74	82	106	176	187	47	27	—		39.5
Electricians	—	1 762	5	50	191	254	199	431	364	122	100	46		39.2
Masons and tile setters	—	739	—	17	78	101	98	216	126	52	41	10		38.5
Painters, construction and maintenance, and paperhangers	—	1 149	32	51	98	106	116	220	250	117	94	65		42.8
Plasterers and cement finishers	—	371	4	—	20	34	45	149	88	16	15	—		40.5
Plumbers and pipe fitters	5	1 417	10	50	123	132	133	313	423	117	77	39		43.3
Other construction craftsmen	—	461	6	21	35	55	63	151	106	16	—	8		38.3
Foremen, n.e.c.	5	7 145	—	26	251	645	887	2 002	1 992	823	443	76		43.8
Manufacturing	—	5 000	—	20	180	474	630	1 401	1 328	631	303	33		43.5
Nonmanufacturing industries	5	2 145	—	6	71	171	257	601	664	192	140	43		44.4
Linemen and servicemen, telephone and power	—	1 365	—	56	226	258	223	373	169	34	22	4		33.2
Locomotive engineers and firemen	—	82	—	—	11	—	—	30	24	5	7	5		—
Mechanics and repairmen	28	9 474	129	265	944	1 249	1 165	2 012	2 240	806	440	224		39.9
Air conditioning, heating, and refrigeration	—	756	6	26	23	84	115	115	244	91	37	15		45.4
Aircraft	—	551	8	—	32	34	24	117	222	77	28	9		47.7
Automobile, including body	—	3 042	78	162	411	455	380	609	543	173	128	103		35.6
Radio and television	20	453	16	—	44	9	77	123	112	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**

DAYTON SMSA—Continued

Total—Continued

Male employed—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											Median age
		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	
Operatives, except transport	133	44 179	686	2 099	6 992	6 468	4 372	9 109	8 737	3 349	1 654	713	36.6
Assemblers.....	8	7 166	12	218	1 597	1 214	691	1 484	1 356	368	175	51	33.9
Checkers, examiners, and inspectors, manufacturing.....	—	4 102	5	79	538	525	355	941	980	471	169	39	40.8
Garage workers and gas station attendants.....	63	1 570	419	358	279	83	71	125	82	81	29	43	20.1
Laundry and drycleaning operatives, n.e.c.....	4	217	5	30	19	24	11	46	57	7	12	6	39.2
Meat cutters and butchers.....	—	961	16	17	125	108	132	257	103	87	71	45	38.2
Mine operatives, n.e.c.....	—	82	—	6	15	13	4	15	15	4	10	—	...
Packers and wrappers, except produce.....	—	1 285	36	102	211	182	124	244	247	81	42	16	34.5
Painters, manufactured articles.....	—	628	8	14	60	74	65	119	201	53	34	—	42.8
Precision machine operatives.....	—	5 156	14	217	720	743	405	1 075	1 210	450	239	83	39.5
Sawyers.....	—	220	4	26	45	20	8	53	28	27	—	9	36.3
Stationary firemen.....	—	284	—	—	6	18	24	94	48	21	55	18	45.0
Textile operatives.....	—	141	—	16	34	15	21	14	31	10	—	—	31.3
Welders and flamecutters.....	—	2 271	14	53	330	361	251	519	451	145	117	30	37.4
Other metalworking operatives.....	10	3 331	5	194	502	578	372	729	552	216	132	51	35.2
Other specified operatives.....	34	5 539	51	248	755	812	587	1 131	1 174	427	193	161	37.8
Miscellaneous and not specified operatives.....	14	11 226	97	521	1 756	1 698	1 251	2 263	2 202	901	376	161	36.3
Occupation:													
Machine operatives, miscellaneous specified.....	9	4 899	28	171	658	873	644	947	973	373	174	58	35.8
Machine operatives, not specified.....	—	2 573	20	97	415	345	271	580	487	232	86	40	37.4
Miscellaneous operatives.....	—	2 132	38	184	442	294	217	356	358	157	42	44	32.5
Not specified operatives.....	5	1 622	11	69	241	186	119	380	384	139	74	19	39.9
Industry:													
Manufacturing.....	9	10 310	40	399	1 641	1 621	1 163	2 118	1 998	849	362	119	36.4
Durable goods.....	9	6 160	21	208	952	844	609	1 368	1 327	516	255	60	38.3
Wood products, including furniture.....	—	96	—	9	18	15	—	16	9	19	4	6	...
Primary metal industries.....	—	582	5	15	88	68	85	92	152	29	42	6	38.3
Fabricated metal industries.....	3	284	—	11	68	29	35	38	64	22	10	7	34.9
Machinery, including electrical.....	6	3 791	—	136	606	557	328	842	817	359	123	23	38.2
Motor vehicles and equipment.....	—	956	—	10	96	102	121	293	210	45	61	18	40.1
Transportation equipment, except motor vehicles.....	—	149	10	11	19	38	13	34	15	9	—	—	29.5
Other durable goods.....	—	302	6	16	57	35	27	53	60	33	15	—	36.9
Nondurable goods.....	—	4 054	19	186	679	767	544	730	659	313	98	59	33.5
Food and kindred products.....	—	401	—	5	42	41	56	93	72	60	12	20	41.1
Apparel and other fabricated textile products.....	—	—	—	—	—	—	—	—	—	—	—	—	...
Paper and allied products.....	—	756	—	43	168	99	101	140	104	68	21	12	33.4
Chemicals and allied products.....	—	173	—	16	40	30	12	30	21	12	6	6	30.2
Other nondurable goods.....	—	2 724	19	122	429	597	375	467	462	173	59	21	32.6
Not specified manufacturing industries.....	—	96	—	5	10	10	10	20	12	20	9	—	...
Nonmanufacturing industries.....	5	916	57	122	115	77	88	145	204	52	14	42	34.9
Transportation, communications, and other public utilities.....	—	158	4	5	20	32	30	44	14	—	9	—	33.0
Wholesale and retail trade.....	5	388	37	70	41	19	35	38	103	18	—	27	33.9
All other industries.....	—	370	16	47	54	26	23	63	87	34	5	15	38.0
Transport equipment operatives.....	31	10 460	107	372	1 097	1 161	1 089	2 790	2 539	718	373	214	40.0
Bus drivers.....	—	460	—	6	20	33	34	112	147	58	40	10	46.7
Taxicab drivers and chauffeurs.....	—	290	4	19	22	25	8	52	90	25	13	32	46.7
Truck drivers and deliverymen.....	4	7 375	93	239	762	847	798	2 092	1 714	479	237	114	39.5
Other transport equipment operatives.....	27	2 335	10	108	293	256	249	534	588	156	83	58	39.7
Laborers, except farm.....	307	10 445	1 493	1 160	1 966	1 080	756	1 445	1 415	493	336	301	27.8
Construction laborers.....	20	1 516	69	70	263	144	181	301	297	101	62	28	36.0
Freight, stock, and material handlers.....	113	5 403	1 087	733	1 157	570	341	585	550	185	116	79	23.8
Other specified laborers.....	143	2 202	258	226	302	200	139	329	350	131	112	155	34.1
Miscellaneous and not specified laborers.....	31	1 324	79	131	244	166	95	230	218	76	46	39	32.2
Occupation:													
Miscellaneous laborers.....	—	384	—	22	42	43	28	71	96	33	25	24	43.0
Not specified laborers.....	31	940	79	109	202	123	67	159	122	43	21	15	28.3
Industry:													
Manufacturing.....	—	819	22	53	212	123	66	104	160	50	19	10	30.0
Durable goods.....	—	563	17	35	179	67	44	59	117	34	11	—	28.8
Wood products, including furniture.....	—	24	—	5	—	4	—	9	6	—	—	—	...
Metal industries.....	—	213	5	10	75	25	19	7	57	15	—	—	28.3
Machinery, including electrical.....	—	197	—	10	40	27	17	34	44	14	11	—	36.3
Transportation equipment.....	—	65	7	—	49	—	4	5	—	—	—	—	...
Other durable goods.....	—	64	5	10	15	11	4	4	10	5	—	—	...
Nondurable goods.....	—	239	5	18	33	56	22	45	37	10	3	10	31.7
Food and kindred products.....	—	55	—	—	5	10	9	17	9	5	—	—	...
Not specified manufacturing industries.....	—	17	—	—	—	—	—	—	6	6	5	—	...
Nonmanufacturing industries.....	31	505	57	78	32	43	29	126	58	26	27	29	36.1
Railroads and railway express service.....	—	44	—	—	—	—	—	25	—	7	4	8	...
Transportation, except railroads.....	5	26	—	5	4	4	—	4	9	—	—	—	...
Communications, and utilities and sanitary services.....	—	77	—	4	—	—	14	42	11	—	6	—	...
Wholesale and retail trade.....	17	188	35	46	4	23	5	27	20	—	12	16	27.0
All other industries.....	9	170	22	23	24	16	10	28	18	19	5	5	30.0
Formers and farm managers.....	13	2 445	25	4	88	176	141	423	625	276	289	398	50.8
Farm laborers and farm foremen.....	99	812	175	128	75	51	38	109	90	50	35	61	27.7
Paid farm laborers and farm foremen.....	76	734	155	101	70	51	38	99	79	50	35	56	29.0
Unpaid family workers.....	23	78	20	27	5	—	—	10	11	—	—	5	...
Service workers, except private household ¹	502	13 382	1 537	1 110	1 462	1 066	1 043	2 177	2 099	1 089	886	913	37.2
Cleaning service workers.....	170	4 967	432	347	414	330	346	642	863	577	560	456	44.6
Food service workers.....	204	2 664	887	552	280	92	69	234	264	90	96	100	19.6
Cooks, except private household.....	26	817	284	177	52	26	31	69	105	33	18	22	19.4
Busboys and dishwashers.....	115	711	354	172	94	—	9	26	13	14	6	23	18.0
Health service workers.....	—	401	25	56	109	9	10	52	73	36	8	23	30.8
Personal service workers.....	61	1 335	112	65	234	125	114	247	174	89	56	119	35.7
Protective service workers.....	—	2 939	11	21	278	410	387	771	530	220	145	166	39.7
Firemen, fire protection.....	—	676	—	4	30	146	78	288	102	23	5	—	37.8
Guards and watchmen.....	—	1 060	11	11	87	61	72	194	247	139	113	125	48.8
Policemen and detectives.....	—	1 065	—	—	161	187	209	262	170	44	16	16	34.4
Private household workers.....	13	86	5	11	13	4	5	10	23	—	9	6	...

¹Includes 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

DAYTON SMSA—Continued

Total—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											Median age
		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	
Female employed	929	122 688	3 343	7 036	19 723	11 959	11 170	25 263	25 899	8 910	5 508	3 877	38.2
Professional, technical, and kindred workers	36	18 712	105	255	3 462	2 715	1 879	3 847	3 442	1 439	996	572	37.4
Accountants.....	—	649	—	11	102	48	38	142	176	68	50	14	43.8
Computer specialists.....	—	472	—	10	172	53	42	70	87	26	—	12	30.1
Librarians.....	6	436	29	9	55	37	11	64	135	27	52	17	46.0
Mathematical specialists.....	—	38	—	—	5	5	7	15	6	—	—	—	...
Life and physical scientists.....	—	95	—	—	22	14	16	25	10	—	—	8	...
Registered nurses, dietitians, and therapists.....	—	3 629	11	24	600	531	422	751	694	310	204	82	38.0
Dietitians.....	—	257	11	10	17	20	20	59	74	30	—	16	43.6
Registered nurses.....	—	3 156	—	5	508	441	393	676	598	274	195	66	38.4
Health technologists and technicians.....	—	700	17	59	272	77	91	102	68	10	4	—	25.1
Social scientists.....	—	67	—	—	—	22	6	15	5	14	5	—	...
Social and recreation workers.....	—	517	—	6	156	56	23	128	78	32	25	13	36.4
Teachers: College and university.....	—	344	—	—	29	73	65	57	78	20	6	16	35.9
Elementary and prekindergarten.....	13	5 842	6	15	1 010	918	597	1 213	1 006	554	316	207	38.1
Secondary.....	—	1 914	5	—	426	382	123	380	320	110	106	62	35.6
Other teachers.....	8	598	10	16	86	95	70	100	94	48	36	43	37.2
Engineering and science technicians.....	—	266	—	10	28	33	33	51	63	29	15	4	40.7
Technicians, except health, and engineering and science.....	—	98	—	—	25	—	6	36	16	15	—	—	...
Writers, artists, and entertainers.....	4	960	18	62	144	153	95	248	134	46	48	12	35.3
Actors and dancers.....	—	61	3	11	20	23	4	—	—	—	—	—	...
Authors, editors, and reporters.....	—	293	—	5	28	41	38	84	54	18	21	4	39.1
Other professional, technical, and kindred workers.....	5	2 087	9	33	330	218	234	450	472	130	129	82	39.9
Managers and administrators, except farm	10	3 842	9	56	261	298	315	865	1 173	379	256	230	46.0
Buyers, purchasing agents, and sales managers.....	—	870	—	13	90	70	58	226	278	86	30	19	44.0
Restaurant, cafeteria, and bar managers.....	6	505	—	4	28	29	42	114	142	69	42	35	47.5
School administrators.....	—	165	5	—	5	4	—	50	57	24	15	5	48.2
Other specified managers and administrators.....	—	790	4	3	28	71	45	183	270	71	74	41	47.3
Managers and administrators, n.e.c., salaried.....	4	1 279	—	36	110	116	138	256	351	103	75	94	44.4
Wholesale and retail trade.....	4	399	—	16	33	37	40	119	104	26	10	14	41.2
Managers and administrators, n.e.c., self-employed.....	—	233	—	—	—	8	32	36	75	26	20	36	50.4
Wholesale and retail trade.....	—	142	—	—	—	8	13	22	53	14	5	27	50.3
Sales workers	31	10 189	563	836	1 100	651	815	2 090	2 343	804	559	428	40.4
Demonstrators, hucksters, and peddlers.....	—	626	5	20	94	89	110	118	100	44	26	20	34.8
Insurance, real estate agents, and brokers.....	—	572	—	—	30	27	74	124	184	69	20	44	46.7
Sales clerks, retail trade.....	27	7 026	456	679	732	354	515	1 363	1 654	556	384	333	40.7
Salesmen, retail trade.....	—	1 111	22	16	21	10	14	41	39	39	10	7	41.5
Other sales workers.....	4	1 746	80	121	223	171	102	444	366	96	119	24	39.0
Clerical and kindred workers	136	45 372	1 171	3 854	9 484	4 322	3 940	9 032	8 705	2 467	1 504	893	34.9
Bank tellers.....	—	757	5	50	207	77	58	209	123	24	4	—	33.4
Bookkeepers.....	—	4 916	72	215	811	295	432	1 079	1 227	363	276	146	40.9
Cashiers.....	16	3 897	404	491	628	375	323	748	624	182	73	49	30.8
Counter clerks, except food.....	—	967	42	97	159	72	78	191	176	80	51	21	36.9
Enumerators and interviewers.....	—	111	—	7	40	20	19	5	—	16	—	4	27.1
File clerks.....	7	1 213	74	200	244	77	71	206	209	65	37	14	30.8
Office machine operators.....	17	2 024	30	193	565	283	238	402	213	70	16	10	29.0
Bookkeeping and billing machine operators.....	—	232	—	36	50	54	8	40	27	8	—	5	27.8
Keypunch operators.....	—	1 084	10	95	318	158	142	255	68	26	9	3	28.8
Payroll and timekeeping clerks.....	—	671	5	47	134	29	60	148	208	20	10	10	39.1
Receptionists.....	—	1 329	38	121	274	119	84	244	271	85	47	46	36.2
Secretaries.....	21	11 640	55	723	2 806	1 424	1 054	2 309	2 216	529	370	154	33.9
Stenographers.....	—	464	—	55	85	47	42	79	91	41	9	15	35.4
Telephone operators.....	11	1 569	38	192	299	130	77	379	276	88	52	38	36.3
Typists.....	—	4 586	127	570	1 231	445	345	797	698	228	82	63	29.1
Other clerical and kindred workers.....	64	11 228	281	893	2 001	929	1 059	2 236	2 373	676	477	303	37.0
Craftsmen and kindred workers	—	2 526	36	80	199	195	250	512	759	260	168	67	44.8
Foremen, n.e.c.....	—	497	5	5	24	43	49	101	119	102	40	9	46.8
Operatives, except transport	33	15 367	101	425	1 640	1 586	1 557	3 816	3 934	1 316	558	434	41.2
Assemblers.....	—	3 408	9	76	445	445	384	924	759	277	50	39	38.7
Bottling and canning operatives.....	—	10	—	—	—	—	5	—	—	—	—	—	...
Checkers, examiners, and inspectors; manufacturing.....	—	1 545	—	30	92	164	102	353	471	239	75	19	45.7
Dressmakers and seamstresses, except factory.....	—	418	—	—	18	6	4	72	114	64	63	72	54.1
Laundry and dry cleaning operatives, including ironers.....	—	878	25	33	74	46	78	211	225	99	46	41	43.7
Graders and sorters, manufacturing.....	—	25	—	—	—	—	—	—	—	—	—	—	...
Packers and wrappers, except produce.....	—	1 287	18	48	101	130	103	403	332	86	40	26	41.0
Sewers and stitchers.....	—	550	—	13	75	33	41	101	172	55	19	41	45.7
Textile operatives.....	—	118	—	—	5	9	10	46	38	—	5	—	42.6
Other specified operatives.....	33	3 571	20	135	455	359	409	736	885	237	214	121	40.5
Miscellaneous and not specified operatives.....	—	3 557	24	90	375	389	421	960	929	259	46	64	40.0
Manufacturing.....	—	3 292	16	72	339	359	396	905	860	249	46	50	40.1
Durable goods.....	—	1 438	—	40	189	189	210	282	377	122	14	15	38.2
Machinery, including electrical.....	—	892	—	22	129	142	114	191	211	65	9	9	37.0
Other durable goods.....	—	546	—	18	60	47	96	91	166	57	5	6	40.7
Nondurable goods, including not specified manufacturing.....	—	1 854	16	32	150	170	186	623	483	127	32	35	41.0
Food and kindred products.....	—	142	—	—	—	5	20	43	34	4	7	6	45.9
Apparel and other fabricated textile products.....	—	47	—	—	—	—	—	15	17	4	—	—	...
Nonmanufacturing industries.....	—	265	8	18	36	30	25	55	69	10	—	14	37.8
Transport equipment operatives	11	951	—	26	85	104	185	302	174	30	19	26	37.5
Laborers, except farm	10	1 013	55	45	197	95	141	193	179	71	25	12	34.1
Farmers and farm managers.....	—	156	—	—	11	15	23	14	27	17	23	26	50.6
Form laborers and farm foremen.....	6	278	12	16	57	26	24	46	49	17	17	14	35.9
Paid farm laborers and farm foremen.....	6	192	4	11	51	13	19	37	39	10	8	—	34.5
Unpaid family workers.....	—	86	8	5	6	13	5	9	10	7	9	14	...
Service workers, except private household¹	303	20 959	1 115	1 366	3 066	1 779	1 841	4 093	4 282	1 718	1 003	696	38.2
Cleaning service workers.....	31	2 091	43	24	149	109	176	398	623	293	156	120	47.4
Chambermaids and maids.....	5	656	22	10	72	60	69	135	131	74	36	47	42.0
Food service workers.....	119	9 062	666	677	1 056	736	801	1 844	1 923	751	390	218	38.2
Coaks, except private household.....	8												

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**

DAYTON SMSA—Continued

Negro

Male employed

	Persons 14 and 15 years old	Persons 16 years old and over											Median age
		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	
Professional, technical, and kindred workers	190	18 640	396	800	2 532	2 096	1 748	4 330	3 880	1 505	848	505	39.0
Professional, technical, and kindred workers	—	1 577	16	54	344	162	179	411	261	81	53	16	35.8
Engineers	—	174	—	—	12	—	29	—	—	—	—	—	—
Lawyers and judges	—	26	—	—	—	—	—	6	20	—	—	—	—
Life and physical scientists	—	55	—	—	—	5	6	32	12	—	—	—	—
Physicians, dentists, and related practitioners	—	50	—	—	6	—	5	22	7	10	—	—	—
Health workers, except practitioners	—	83	8	5	—	—	15	26	17	12	—	—	—
Social and recreation workers	—	55	—	—	12	11	14	4	10	—	4	—	—
Teachers	—	282	—	6	34	55	34	57	56	17	20	3	37.1
Technicians, except health	—	173	8	28	50	12	24	36	10	5	—	—	25.2
Writers, artists, and entertainers	—	87	—	10	11	11	14	28	10	3	—	—	—
Other professional, technical, and kindred workers	—	592	—	5	219	68	38	144	61	29	19	9	30.5
Managers and administrators, except farm	—	506	—	28	33	25	87	128	132	39	19	15	41.3
Salaried	—	403	—	28	29	25	71	96	112	20	13	9	40.1
Manufacturing	—	25	—	—	—	5	12	3	5	—	—	—	—
Retail trade	—	78	—	28	7	—	10	19	—	6	8	—	—
All other industries	—	300	—	—	22	20	49	74	107	14	5	9	43.0
Self-employed	—	103	—	—	4	—	16	32	20	19	6	6	44.8
Retail trade	—	49	—	—	—	—	16	27	3	3	—	—	—
All other industries	—	54	—	—	4	—	—	5	17	16	6	6	—
Sales workers	71	316	33	34	82	26	37	42	29	16	—	17	26.7
Manufacturing and wholesale trade	71	88	11	15	19	—	5	10	13	6	—	9	—
Retail trade	—	169	22	19	51	16	16	19	12	10	—	4	24.3
All other industries	—	59	—	—	12	10	16	13	4	—	—	4	—
Clerical and kindred workers	5	1 768	52	135	303	165	134	381	342	154	65	37	37.5
Bookkeepers and billing clerks	—	28	—	7	—	—	4	9	—	4	4	—	—
Mail handlers and postal clerks	—	343	30	16	32	17	31	76	98	34	6	3	41.0
Other clerical and kindred workers	5	1 397	22	112	271	148	99	296	244	116	55	34	36.6
Craftsmen and kindred workers	8	2 883	8	69	265	324	271	776	575	302	225	68	41.5
Carpenters	—	65	—	6	7	—	—	18	6	8	10	10	—
Construction craftsmen, except carpenters	—	399	—	6	14	30	38	127	93	49	31	11	43.8
Automobile mechanics, including body repairmen	—	225	4	—	24	17	32	47	69	22	5	5	42.6
Mechanics and repairmen, except auto	—	287	—	—	—	14	23	106	83	14	43	4	45.1
Machinists	—	101	—	—	52	—	13	18	6	7	5	—	24.9
Metal craftsmen, except mechanics and machinists	—	264	—	26	14	21	24	77	40	52	6	4	41.1
Foremen, n.e.c.	—	306	—	—	18	38	37	140	35	29	9	—	39.3
Other craftsmen and kindred workers	8	1 236	4	31	136	204	104	243	243	121	116	34	40.7
Operatives, except transport	9	5 759	40	225	844	966	626	1 196	1 195	416	158	93	36.5
Assemblers	4	998	—	72	308	183	113	168	128	26	—	—	28.3
Garage workers and gas station attendants	5	79	14	—	11	3	8	20	13	10	—	—	—
Laundry and drycleaning operatives, including ironers	—	48	5	—	—	—	—	10	17	16	—	7	—
Precision machine operatives	—	264	—	—	39	54	12	57	61	12	22	7	39.7
Other operatives, except transport	—	4 370	21	153	486	726	493	941	976	352	136	86	38.3
Durable goods, manufacturing	—	2 911	6	105	346	503	340	605	637	231	99	39	37.6
Nondurable goods, including not specified manufacturing	—	1 008	6	26	110	203	111	219	219	72	20	22	37.2
Nonmanufacturing industries	—	451	9	22	30	20	42	117	120	49	17	25	43.8
Transport equipment operatives	4	1 371	—	10	147	97	116	409	389	131	35	37	42.7
Truck drivers	—	558	—	5	52	28	32	198	169	55	14	5	43.2
Other transport equipment operatives	4	813	—	5	95	69	84	211	220	76	21	32	42.3
Laborers, except farm	25	1 683	95	82	281	143	102	370	392	99	70	49	38.7
Construction laborers	—	217	—	—	10	5	26	76	76	10	9	5	43.9
Freight, stock, and material handlers	5	677	61	56	121	80	36	110	139	30	25	19	32.8
Other laborers, except farm	20	789	34	26	150	58	40	184	177	59	36	25	39.7
Manufacturing industries	—	402	6	5	133	31	30	45	99	41	12	—	34.3
Farmers and farm managers	—	31	—	—	—	—	—	12	15	4	—	—	—
Farm laborers and farm foremen	—	47	—	8	8	—	—	6	—	14	—	11	—
Service workers, except private household ¹	68	2 652	152	155	225	188	191	589	527	249	214	162	42.0
Cleaning service workers	28	1 329	27	80	99	75	99	238	292	175	169	75	46.6
Food service workers	21	387	82	55	12	18	28	74	39	15	26	38	34.7
Health service workers	—	93	7	6	12	—	—	34	21	7	—	6	—
Personal service workers	8	154	10	—	27	9	6	41	39	8	4	10	41.1
Protective service workers	—	161	—	—	20	25	23	48	17	13	4	11	37.6
Private household workers	—	47	—	—	—	—	5	10	23	—	9	—	—
Female employed	94	16 109	322	784	2 502	1 805	1 795	3 734	3 246	886	600	435	37.3
Professional, technical, and kindred workers	12	2 173	16	35	340	319	289	579	398	110	51	36	36.5
Registered nurses	—	207	—	—	15	47	55	12	53	4	15	6	33.8
Health workers, except nurses	—	206	16	6	28	23	18	52	47	12	—	4	37.3
Teachers, elementary and secondary schools	7	866	—	5	126	154	118	262	130	50	21	—	36.1
Technicians, except health	—	7	—	—	—	—	—	—	7	—	—	—	—
Other professional, technical, and kindred workers	5	887	—	24	171	95	98	253	161	44	15	26	37.2
Managers and administrators, except farm	—	273	—	—	10	36	28	78	87	22	7	5	43.0
Salaried	—	250	—	—	10	36	16	67	87	22	7	5	44.4
Self-employed	—	23	—	—	—	—	12	11	—	—	—	—	—
Sales workers	4	533	28	62	96	34	43	163	64	30	8	5	35.2
Retail trade	4	450	28	57	86	22	39	133	34	23	8	—	32.8
Clerical and kindred workers	11	4 609	128	466	999	492	587	1 104	595	121	92	25	31.9
Bookkeepers and cashiers	—	480	27	36	113	89	65	86	57	7	—	—	28.6
Office machine operators	6	252	—	6	77	48	43	59	19	—	—	—	29.5
Secretaries, stenographers, and typists	—	1 147	26	130	277	111	175	281	100	29	14	4	30.8
Other clerical and kindred workers	5	2 730	75	294	532	244	304	678	419	85	78	21	33.6
Craftsmen and kindred workers	—	239	11	10	12	38	20	32	95	5	—	16	43.9
Operatives, except transport	—	1 943	5	48	391	355	248	419	307	79	72	19	33.5
Sewers and stitchers	—	27	—	—	—	—	4	6	12	—	5	—	—
Laundry and drycleaning operatives, including ironers	—	246	—	10	15	20	28	82	52	22	9	8	41.1
Other operatives, except transport	—	1 670	5	38	376	335	216	331	243	57	58	11	31.9
Durable goods, manufacturing	—	898	—	21	223	211	111	172	112	33	15	—	29.9
Nondurable goods, including not specified manufacturing	—	557	—	11	124	95	60	127	87	20	27	6	34.0
Nonmanufacturing industries	—	215	5	6	29	29	45	32	44	4	16	5	34.3
Transport equipment operatives	—	89	—	5	10	4	16	27	27	—	—	—	—
Laborers, except farm	—	168	13	7	33	33	17	21	40	4	—	—	29.7
Farmers and farm managers	—	47	—	—	5	5	13	10	7	—	7	—	—
Farm laborers and farm foremen	—	116	—	—	17	13	19	33	30	4	—	—	37.7
Service workers, except private household ¹	55	4 083	112	141	520	406	396	969	986	275	189	89	39.8
Cleaning service workers	11	719	9	9	30	25	56	177	255	91	45	22	47.1
Food service workers	9	933	30	32	139	91	83	213	236	65	33	11	39.3
Health service workers	—	1 024	29	64	109	148	113	267	214	35			

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**

HUNTINGTON—ASHLAND, W. VA.—KY.—OHIO, SMSA

	Persons 14 and 15 years old	Persons 16 years old and over											Median age		
		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			
Total															
Male employed	499	55 719	889	1 866	5 991	6 574	6 096	12 643	11 773	4 835	3 175	1 877			40.1
Professional, technical, and kindred workers	15	6 238	25	97	724	986	814	1 498	1 204	386	296	208			38.2
Accountants		540	—	—	60	74	63	141	112	36	23	31			40.2
Architects		16	—	—	—	—	5	6	5	—	—	—			...
Computer specialists		153	—	—	26	43	33	16	35	—	—	—			31.1
Engineers		1 083	—	10	73	159	163	245	284	68	44	37			40.6
Aeronautical and astronautical		—	—	—	—	—	—	—	—	—	—	—			—
Civil		383	—	5	22	66	76	87	63	21	22	21			37.6
Electrical and electronic		160	—	5	8	36	10	29	62	—	10	—			42.2
Mechanical		121	—	—	5	10	14	26	39	16	6	5			46.4
Other engineers		419	—	—	38	47	63	103	120	31	6	11			41.0
Lawyers and judges		243	—	—	8	10	22	82	68	11	16	26			44.9
Life and physical scientists	7	316	—	5	56	58	51	63	57	26	—	—			33.8
Chemists	7	279	—	5	56	58	37	60	37	26	—	—			32.8
Physicians, dentists, and related practitioners		481	—	—	5	34	41	146	134	62	22	37			46.1
Dentists		91	—	—	—	4	11	29	15	21	4	7			...
Pharmacists		141	—	—	5	19	20	41	27	10	—	19			41.5
Physicians, medical and osteopathic		200	—	—	—	5	10	66	75	15	18	11			47.5
Other related practitioners		49	—	—	—	6	—	10	17	16	—	—			...
Health technologists and technicians		88	—	3	34	—	17	9	8	9	3	5			...
Religious workers		293	—	—	—	46	36	113	55	—	38	5			40.7
Social scientists		32	—	—	—	—	4	8	11	—	4	5			...
Social and recreation workers		126	—	—	12	36	—	34	14	15	15	—			39.4
Teachers		928	—	12	134	213	137	207	115	61	23	26			33.8
College and university		350	—	5	44	81	76	67	40	21	4	12			32.6
Elementary and prekindergarten		202	—	7	52	33	5	48	33	7	8	9			35.8
Secondary		312	—	—	32	90	34	77	30	33	11	5			35.0
Engineering and science technicians	8	764	7	33	147	143	93	167	74	38	62	—			32.8
Draftsmen and surveyors	8	251	—	16	58	78	19	39	20	7	14	—			28.3
Electrical and electronic engineering technicians		150	7	17	23	26	10	41	11	5	10	—			31.0
Technicians, except health, and engineering and science		146	—	6	37	13	18	29	25	4	5	9			34.7
Airplane pilots		22	—	—	—	3	—	5	—	—	5	9			...
Writers, artists, and entertainers		327	9	28	40	65	34	55	41	20	24	11			33.2
Other professional, technical, and kindred workers		702	9	—	92	92	97	177	166	36	17	16			38.4
Managers and administrators, except farm		5 645	12	81	300	499	505	1 364	1 451	612	535	286			45.4
Buyers, purchasing agents, and sales managers		631	—	21	42	73	51	163	145	60	40	36			42.9
School administrators		129	—	—	—	—	17	29	43	22	13	5			49.3
Specified managers and administrators, public administration		242	—	5	—	—	42	44	88	30	21	12			48.4
Other specified managers and administrators		1 117	—	5	117	107	79	267	247	104	109	82			44.4
Managers and administrators, n.e.c., salaried		2 777	12	34	137	262	267	682	732	302	253	96			44.9
Manufacturing		623	—	—	21	47	66	156	190	72	61	10			46.1
Wholesale and retail trade		992	7	14	88	124	82	206	211	139	82	39			43.8
Transportation, communications, and other public utilities		402	—	—	10	30	44	101	115	33	65	4			46.4
All other industries		760	5	20	18	61	75	219	216	58	45	43			44.2
Managers and administrators, n.e.c., self-employed		749	—	16	4	57	49	179	196	94	99	55			48.5
Construction		179	—	5	—	23	10	60	48	15	9	9			43.6
Manufacturing		32	—	—	—	—	—	11	5	11	5	—			...
Wholesale and retail trade		430	—	11	4	34	34	80	102	59	69	37			50.1
All other industries		108	—	—	—	—	5	28	41	9	16	9			50.1
Sales workers	93	3 685	81	199	438	420	490	649	707	283	211	207			38.3
Insurance agents, brokers, and underwriters		535	4	—	77	97	53	108	114	37	16	29			38.4
Real estate agents and brokers		121	—	—	—	11	4	17	20	31	17	21			56.4
Sales representatives, manufacturing industries		399	—	—	27	57	66	61	103	28	42	15			43.1
Sales representatives, wholesale trade		689	—	4	34	93	142	115	154	78	59	10			41.2
Sales clerks, retail trade	5	755	18	113	172	29	78	114	109	35	28	59			32.9
Salesmen, retail trade		606	—	26	59	58	87	132	115	43	32	54			40.5
Salesmen of services and construction		147	—	4	16	10	23	23	43	22	6	—			43.9
Other sales workers	88	433	59	52	53	65	37	79	49	9	11	19			29.0
Clerical and kindred workers	30	3 851	46	245	595	444	360	830	736	285	177	133			37.8
Bank tellers and cashiers	4	200	11	55	49	8	10	10	11	19	13	14			23.5
Bookkeepers and billing clerks		271	3	8	71	31	26	48	46	19	14	5			34.3
Mail handlers and postal clerks		471	—	—	34	36	53	143	109	73	13	5			42.5
Other clerical and kindred workers	26	2 909	32	177	441	369	271	629	570	174	137	109			37.6
Craftsmen and kindred workers	36	13 913	23	184	1 066	1 456	1 526	3 652	3 548	1 379	717	362			42.4
Apparel craftsmen and upholsterers		57	—	4	9	9	17	9	—	3	—	6			...
Bakers		55	—	6	—	4	5	5	10	5	20	—			...
Cabinetmakers		44	—	—	—	—	11	24	4	5	—	—			...
Construction craftsmen	6	3 764	5	74	267	340	477	940	875	429	224	133			42.6
Carpenters		782	5	32	52	53	83	157	174	136	39	51			45.5
Excavating, grading, and road machine operators	6	431	—	9	14	38	87	82	130	36	26	9			43.2
Electricians		927	—	—	57	100	107	268	223	89	68	15			42.4
Masons and tile setters		322	—	15	12	41	27	123	70	20	14	—			40.4
Painters, construction and maintenance, and paperhangers		355	—	9	35	52	45	65	64	47	7	31			40.6
Plasterers and cement finishers		95	—	5	—	—	—	21	46	10	9	4			...
Plumbers and pipe fitters		576	—	4	65	19	78	151	136	73	38	12			43.1
Other construction craftsmen		276	—	—	32	37	50	73	32	18	23	11			37.6
Foremen, n.e.c.		2 014	—	4	43	123	152	636	717	216	87	36			45.7
Manufacturing		1 239	—	—	22	87	65	395	459	134	58	19			46.1
Nonmanufacturing industries		775	—	4	21	36	87	241	258	82	29	17			44.9
Linemen and servicemen, telephone and power	3	433	—	—	55	73	78	101	87	18	21	—			36.0
Locomotive engineers and firemen		171	—	—	5	10	10	72	38	20	—	16			43.4
Mechanics and repairmen		2 962	11	29	271	440	358	722	690	251	119	71			40.2
Air conditioning, heating, and refrigeration		134	—	—	30	7	31	22	23	16	—	5			34.8
Aircraft		11	—	—	—	—	—	—	—	11	—	—			...
Automobile, including body		963	11	20	102	179	144	209	222	66	—	10			36.2
Radio and television		126	—	—	8	9	22	43	33	5	6	—			40.6
Other mechanics and repairmen		1 728	—	9	131	245	161	448	412	153	113	56			42.1
Metal craftsmen, except mechanics		1 460	—	20	121	155	131	362	408	175	76	12			43.4
Machinists and job and die setters		657	—	9	86	76	54	151	189	62	25	5			41.9
Sheetmetal workers and tinsmiths		114	—	—	—	—	18	52	23	11					

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**

HUNTINGTON—ASHLAND, W. VA.—KY.—OHIO, SMSA—
Continued

Total—Continued

Male employed—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											Median age
		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	
Operatives, except transport	46	8 928	76	254	1 162	1 013	1 097	2 181	1 975	647	415	108	39.0
Assemblers.....	5	250	—	11	77	12	46	59	42	3	—	—	32.7
Checkers, examiners, and inspectors; manufacturing	7	443	—	13	48	41	70	94	86	51	40	—	40.3
Garage workers and gas station attendants.....	7	367	21	66	111	44	34	17	41	5	14	14	24.3
Laundry and drycleaning operatives, n.e.c.....	—	69	—	3	24	15	—	8	9	10	—	—	...
Meat cutters and butchers.....	—	179	—	11	32	34	9	43	38	—	12	—	35.8
Mine operatives, n.e.c.....	—	194	—	16	24	8	11	40	77	—	18	—	44.5
Packers and wrappers, except produce.....	5	242	13	11	52	14	27	50	30	40	5	—	35.8
Painters, manufactured articles.....	—	67	—	—	12	—	4	26	14	6	5	—	...
Precision machine operatives.....	4	401	—	21	63	51	68	73	61	44	10	10	34.8
Sawyers.....	—	76	—	4	6	4	26	14	13	4	—	5	...
Stationary firemen.....	—	258	—	—	15	21	22	54	79	6	42	19	47.2
Textile operatives.....	—	5	—	—	5	—	—	—	—	—	—	—	...
Welders and flamecutters.....	—	1 292	—	—	100	203	216	316	314	93	44	4	39.0
Other metalworking operatives.....	—	662	10	8	47	50	62	203	194	49	35	4	42.6
Other specified operatives.....	25	1 190	7	42	156	129	155	260	303	63	43	32	39.1
Miscellaneous and not specified operatives.....	—	3 233	25	48	390	387	347	924	672	273	147	20	39.5
Occupation:													
Machine operatives, miscellaneous specified.....	—	1 367	11	14	170	188	162	321	333	108	50	10	39.3
Machine operatives, not specified.....	—	482	—	—	42	67	42	160	123	32	16	—	40.6
Miscellaneous operatives.....	—	834	14	23	131	94	79	253	112	82	36	10	38.0
Not specified operatives.....	—	550	—	11	47	38	64	190	104	51	45	—	41.1
Industry:													
Manufacturing	—	2 812	21	43	331	339	303	812	564	242	142	15	39.5
Durable goods.....	—	1 948	5	26	217	253	216	576	364	158	118	15	39.5
Wood products, including furniture.....	—	91	5	—	13	7	13	13	14	14	6	6	...
Primary metal industries.....	—	1 007	—	—	86	124	113	329	220	90	45	—	40.5
Fabricated metal industries.....	—	66	—	—	5	5	11	19	12	10	4	—	...
Machinery, including electrical.....	—	89	—	10	37	5	—	4	28	7	—	5	...
Motor vehicles and equipment.....	—	49	—	—	3	—	—	10	24	7	5	—	...
Transportation equipment, except motor vehicles.....	—	56	—	6	7	8	4	20	—	6	5	—	...
Other durable goods.....	—	590	—	10	66	104	75	181	66	31	53	4	37.2
Nondurable goods.....	—	859	16	17	114	81	87	236	200	84	24	—	39.9
Food and kindred products.....	—	47	5	5	6	—	4	16	11	—	—	—	...
Apparel and other fabricated textile products.....	—	17	—	—	6	—	11	—	—	—	—	—	...
Paper and allied products.....	—	35	—	—	4	15	10	6	—	—	—	—	...
Chemicals and allied products.....	—	534	6	—	81	38	30	170	135	55	19	—	41.6
Other nondurable goods.....	—	226	5	12	21	39	27	40	48	29	5	—	37.3
Not specified manufacturing industries.....	—	5	—	—	—	5	—	—	—	—	—	—	...
Nonmanufacturing industries	—	421	4	5	59	48	44	112	108	31	5	5	39.5
Transportation, communications, and other public utilities.....	—	198	—	—	14	8	14	76	65	16	5	—	43.3
Wholesale and retail trade.....	—	106	—	5	—	30	10	15	31	15	—	—	40.3
All other industries.....	—	117	4	—	45	10	20	21	12	—	—	5	29.8
Transport equipment operatives	12	3 694	48	128	362	523	523	861	677	333	184	55	38.1
Bus drivers.....	—	228	—	—	—	17	49	39	63	40	16	4	46.4
Taxicab drivers and chauffeurs.....	—	140	—	—	7	11	16	37	18	19	22	10	44.7
Truck drivers and deliverymen.....	12	2 513	43	104	269	398	371	542	444	236	85	21	36.3
Other transport equipment operatives.....	—	813	5	24	86	97	87	243	152	38	61	20	39.4
Laborers, except farm	109	5 050	253	391	841	716	471	938	712	376	277	75	33.4
Construction laborers.....	—	965	37	38	145	172	130	178	101	111	37	16	33.5
Freight, stock, and material handlers.....	26	1 435	117	193	256	163	127	250	201	58	43	27	29.6
Other specified laborers.....	64	863	65	70	90	67	61	172	110	111	85	32	39.6
Miscellaneous and not specified laborers.....	19	1 787	34	90	350	314	153	338	300	96	112	—	33.4
Occupation:													
Miscellaneous laborers.....	7	590	3	11	65	88	32	138	138	55	60	—	42.0
Not specified laborers.....	12	1 197	31	79	285	226	121	200	162	41	52	—	29.5
Industry:													
Manufacturing	—	1 205	—	39	257	246	133	232	180	72	46	—	32.3
Durable goods.....	—	1 034	—	26	189	226	125	211	159	61	37	—	33.0
Wood products, including furniture.....	—	50	—	—	19	7	11	5	4	4	—	—	...
Metal industries.....	—	732	—	21	140	172	87	150	91	45	26	—	31.9
Machinery, including electrical.....	—	23	—	—	5	—	—	—	6	7	5	—	...
Transportation equipment.....	—	146	—	5	21	9	27	34	44	—	6	—	38.2
Other durable goods.....	—	83	—	—	4	38	—	22	14	5	—	—	...
Nondurable goods.....	—	171	—	13	68	20	8	21	21	11	9	—	26.1
Food and kindred products.....	—	15	—	—	4	—	4	3	—	—	4	—	...
Not specified manufacturing industries.....	—	—	—	—	—	—	—	—	—	—	—	—	...
Nonmanufacturing industries	19	582	34	51	93	68	20	106	120	24	66	—	37.4
Railroads and railway express service.....	—	239	—	11	36	19	9	41	50	15	58	—	45.7
Transportation, except railroads.....	—	13	—	—	—	9	—	—	4	—	—	—	...
Communications, and utilities and sanitary services.....	—	67	3	4	4	17	—	16	19	4	—	—	...
Wholesale and retail trade.....	—	142	22	32	35	6	4	22	16	5	—	—	22.4
All other industries.....	19	121	9	4	18	17	7	27	31	—	8	—	37.0
Farmers and farm managers	3	398	—	—	25	31	5	35	65	74	45	118	57.6
Farm laborers and farm foremen	14	266	24	14	36	40	15	23	25	35	26	28	36.7
Paid farm laborers and farm foremen.....	10	217	24	14	36	24	15	23	25	29	11	16	33.5
Unpaid family workers.....	4	49	—	—	—	16	—	—	—	6	15	12	...
Service workers, except private household¹	137	4 036	301	273	442	446	290	607	673	425	292	287	39.4
Cleaning service workers.....	36	1 672	35	70	166	151	114	261	307	225	188	155	46.3
Food service workers.....	37	620	204	157	96	24	14	40	27	25	10	23	19.4
Cooks, except private household.....	4	191	42	35	23	4	8	19	20	21	6	13	24.0
Busboys and dishwashers.....	17	86	16	24	32	—	—	5	3	—	—	6	...
Health service workers.....	—	201	3	12	53	16	6	32	52	17	10	—	38.3
Personal service workers.....	5	441	45	14	24	76	43	86	54	51	26	22	37.2
Protective service workers.....	6	826	6	—	53	149	88	149	187	95	28	71	42.9
Firemen, fire protection.....	6	168	—	—	7	45	21	45	45	5	—	—	37.4
Guards and watchmen.....	—	369	6	—	19	33	15	64	89	69	28	46	50.3
Policemen and detectives.....	—	219	—	—	27	61	43	35	41	4	—	8	32.5
Private household workers	4	15	—	—	—	—	—	5	—	—	—	10	...

¹Includes 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**

HUNTINGTON—ASHLAND, W. VA.—KY.—OHIO, SMSA—
Continued

Total—Continued

	Persons 14 and 15 years old	Persons 16 years old and over										Median age	
		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
Female employed	135	28 218	255	1 366	3 896	2 499	2 504	6 095	5 735	2 612	1 848	1 408	40.9
Professional, technical, and kindred workers	23	4 974	—	99	694	526	504	953	936	503	449	310	42.0
Accountants.....	5	184	—	5	5	—	19	36	75	11	17	16	48.6
Computer specialists.....	—	28	—	9	5	4	6	4	—	—	—	—	...
Librarians.....	—	99	—	12	12	—	9	20	28	—	13	5	...
Mathematical specialists.....	—	—	—	—	—	—	—	—	—	—	—	—	...
Life and physical scientists.....	—	6	—	—	—	3	—	—	3	—	—	—	...
Registered nurses, dietitians, and therapists.....	6	1 062	—	5	131	129	157	222	201	125	56	36	39.9
Dietitians.....	—	64	—	5	5	5	5	18	4	24	3	—	...
Registered nurses.....	6	925	—	5	121	112	146	182	178	96	53	32	39.3
Health technologists and technicians.....	—	207	—	28	54	35	33	—	20	16	7	9	28.1
Social scientists.....	—	14	—	—	—	—	—	—	—	—	—	—	...
Social and recreation workers.....	—	159	—	5	29	21	12	16	31	15	14	16	42.8
Teachers: College and university.....	—	203	—	9	47	38	6	45	42	11	5	—	35.3
Elementary and prekindergarten.....	5	1 566	—	—	212	125	124	302	324	211	191	77	45.6
Secondary.....	—	592	—	—	52	87	36	135	107	50	87	38	44.0
Other teachers.....	7	140	—	10	32	7	31	28	9	6	5	12	33.4
Engineering and science technicians.....	—	42	—	—	—	3	—	4	5	4	12	14	...
Technicians, except health, and engineering and science.....	—	4	—	—	—	—	—	—	—	—	4	—	...
Writers, artists, and entertainers.....	—	125	—	5	10	8	23	31	11	—	10	27	40.3
Actors and dancers.....	—	—	—	—	10	—	—	10	—	—	—	9	...
Authors, editors, and reporters.....	—	38	—	—	—	—	4	—	—	—	5	—	...
Other professional, technical, and kindred workers.....	—	543	—	11	105	66	48	105	76	44	28	60	39.0
Managers and administrators, except farm	—	1 167	—	10	29	51	109	266	350	156	131	65	48.4
Buyers, purchasing agents, and sales managers.....	—	123	—	—	—	2	5	34	49	10	13	10	49.2
Restaurant, cafeteria, and bar managers.....	—	109	—	—	—	4	4	43	26	13	14	5	46.3
School administrators.....	—	70	—	—	—	—	10	18	29	4	9	—	...
Other specified managers and administrators.....	—	251	—	—	18	19	10	58	62	65	19	—	48.3
Managers and administrators, n.e.c., salaried.....	—	409	—	10	11	16	61	102	95	41	40	33	45.5
Wholesale and retail trade.....	—	178	—	6	6	6	35	40	47	26	8	4	44.0
Managers and administrators, n.e.c., self-employed.....	—	205	—	—	—	10	19	11	89	23	36	17	52.0
Wholesale and retail trade.....	—	175	—	—	—	4	14	11	79	14	36	17	52.4
Sales workers	22	2 400	43	193	180	184	149	610	492	246	162	141	42.4
Demonstrators, hucksters, and peddlers.....	—	144	3	—	9	16	12	36	37	13	—	18	43.9
Insurance, real estate agents, and brokers.....	—	84	—	—	—	—	—	25	31	—	—	28	...
Sales clerks, retail trade.....	6	1 652	36	174	124	91	107	401	329	201	114	75	42.3
Salesmen, retail trade.....	5	53	—	—	7	5	—	10	10	—	11	10	...
Other sales workers.....	11	467	4	19	40	72	30	138	85	32	37	10	40.0
Clerical and kindred workers	24	8 634	96	631	1 867	948	800	1 710	1 492	517	276	297	34.8
Bank tellers.....	—	229	—	—	37	23	41	44	63	—	21	—	38.1
Bookkeepers.....	—	1 109	—	38	171	139	89	259	213	78	51	71	39.5
Cashiers.....	—	851	41	38	150	99	78	184	171	63	5	22	36.1
Counter clerks, except food.....	—	178	—	17	24	15	20	31	42	15	5	9	39.2
Enumerators and interviewers.....	—	59	—	—	9	5	—	18	22	—	—	5	...
File clerks.....	—	107	11	18	23	4	—	30	21	—	—	—	26.9
Office machine operators.....	—	323	—	38	145	35	25	45	24	11	—	—	24.3
Bookkeeping and billing machine operators.....	—	52	—	11	23	4	10	4	—	—	—	—	...
Keypunch operators.....	—	185	—	19	103	23	11	20	9	—	—	—	23.6
Payroll and timekeeping clerks.....	—	101	—	—	10	20	4	27	25	12	—	3	41.1
Receptionists.....	—	255	4	47	66	9	22	28	59	16	4	—	30.3
Secretaries.....	—	2 381	18	116	605	315	252	407	381	160	53	74	32.7
Stenographers.....	—	178	—	21	33	14	20	40	27	9	10	4	35.3
Telephone operators.....	—	338	—	47	59	26	37	60	67	24	12	6	35.0
Typists.....	5	479	—	70	117	71	26	83	61	21	20	10	28.7
Other clerical and kindred workers.....	19	2 046	22	181	418	173	186	454	316	108	95	93	35.9
Craftsmen and kindred workers	—	479	—	18	71	24	27	123	104	41	53	18	43.1
Foremen, n.e.c.....	—	92	—	—	20	—	—	20	34	16	2	—	...
Operatives, except transport	—	3 383	—	55	255	315	348	947	805	333	193	132	42.6
Assemblers.....	—	99	—	—	6	11	19	38	25	—	—	—	...
Bottling and canning operatives.....	—	—	—	—	—	—	—	—	—	—	—	—	...
Checkers, examiners, and inspectors, manufacturing.....	—	700	—	—	21	71	103	215	218	45	15	12	42.2
Dressmakers and seamstresses, except factory.....	—	108	—	—	—	—	11	9	9	41	16	22	58.0
Laundry and dry cleaning operatives, including ironers.....	—	347	—	3	31	29	8	130	75	38	24	9	42.9
Graders and sorters, manufacturing.....	—	19	—	—	—	—	—	12	7	—	—	—	...
Packers and wrappers, except produce.....	—	194	—	10	5	15	23	71	42	11	17	—	41.2
Sewers and stitchers.....	—	845	—	15	86	111	64	245	182	92	39	11	41.0
Textile operatives.....	—	—	—	—	—	—	—	—	—	—	—	—	...
Other specified operatives.....	—	631	—	18	81	36	86	116	115	67	37	75	43.1
Miscellaneous and not specified operatives.....	—	440	—	9	25	42	34	111	132	39	45	3	44.9
Manufacturing.....	—	400	—	9	25	37	29	96	127	39	35	3	45.3
Durable goods.....	—	249	—	—	10	17	20	62	77	25	35	3	47.0
Machinery, including electrical.....	—	23	—	—	—	—	5	8	10	—	—	—	...
Other durable goods.....	—	226	—	—	10	17	15	54	67	25	35	3	47.5
Nondurable goods, including not specified manufacturing.....	—	151	—	9	15	20	9	34	50	14	—	—	41.6
Food and kindred products.....	—	19	—	—	9	—	—	—	6	4	—	—	...
Apparel and other fabricated textile products.....	—	87	—	—	6	16	5	23	33	4	—	—	...
Nonmanufacturing industries.....	—	40	—	—	—	5	5	15	5	—	10	—	...
Transport equipment operatives.....	—	126	5	5	—	10	5	21	46	13	—	21	48.7
Laborers, except farm.....	—	374	6	10	44	52	5	80	85	43	28	21	43.8
Farmers and farm managers.....	—	20	—	—	—	—	—	10	6	—	—	4	...
Farm laborers and farm foremen.....	—	56	—	—	5	20	9	17	—	—	—	5	...
Paid farm laborers and farm foremen.....	—	56	—	—	5	20	9	17	—	—	—	5	...
Unpaid family workers.....	—	—	—	—	—	—	—	—	—	—	—	—	...
Service workers, except private household¹	16	5 332	65	317	727	326	470	1 207	1 093	549	378	200	41.3
Cleaning service workers.....	5	535	—	5	31	15	50	118	123	67	85	41	48.9
Chambermaids and maids.....	—	146	—	—	20	—	—	13	21	16	32	3	49.6
Food service workers.....	6	2 139	55	170	211	127	181	532	439	240	134	50	41.1
Cooks, except private household.....	—	810	—	33	21	11	52	243	232	127	69	22	46.9
Waiters and food counter workers.....	6	1 011	45	121	167	93	102	217	127	89	38	12	33.9
Health service workers.....	—	1 186	5	29	170	78	110	267	259	155	82	31	42.5
Nursing aides, orderlies, and attendants.....	—	760	—	14	118	54	88	172	152	102	48	12	41.2
Practical nurses.....	—	259	—	5	28	15	17	41	67	38	29	19	48.5
Personal service workers.....	—	904	5	62	220	48	73	172	192	37	43	52	37.6
Hairdressers and cosmetologists.....	—	562	—	24	184	34	61	113	104	10	2	30	33.2
Private household workers	50	1 273	40	28	24	43	78	151	326	211	178	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

LORAIN-ELYRIA SMSA

	Persons 14 and 15 years old	Persons 16 years old and over										Median age	
		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
Total													
Male employed	808	63 947	1 823	2 897	6 778	7 811	7 464	13 628	13 520	5 064	3 278	1 684	38.8
Professional, technical, and kindred workers	22	7 237	31	63	1 041	1 142	1 038	1 859	1 203	352	325	183	36.6
Accountants		479	5		68	37	63	109	127	26	39	5	41.1
Architects		11							11				
Computer specialists		151			39	36	17	31	19	5	4		30.1
Engineers		1 352		4	129	157	197	384	314	99	48	20	39.9
Aeronautical and astronautical		43				10	16	12	5				
Civil		112			12	5	14	40	9	11	10	11	41.3
Electrical and electronic		269			14	39	38	75	68	30	5		-0.8
Mechanical		236			16	25	30	73	51	20	12	9	41.4
Other engineers		692		4	87	78	99	184	181	38	21		39.2
Lawyers and judges		155				10	15	73	20	16		21	42.2
Life and physical scientists		115	6		6	16	23	24	27	9	4		37.7
Chemists		65			6		17	12	17	9	4		
Physicians, dentists, and related practitioners		407			5	15	54	151	82	14	49	37	43.6
Dentists		93				5	19	32	10		14	13	
Pharmacists		68			5	5	6	21	9		10	12	
Physicians, medical and osteopathic		205				5	17	84	63	9	15	12	44.6
Other related practitioners		41					12	14		5	10		
Health technologists and technicians		77		4	16		23	15	7	5		7	
Religious workers		274			15	30	25	77	58	20	31	18	43.7
Social scientists		25			5			10		4			
Social and recreation workers		69	6	6	12	28	5	6	6				
Teachers	8	1 325		17	267	269	252	274	127	41	53	25	32.2
College and university		273		13	7	11	79	76	50	12	25		38.5
Elementary and prekindergarten		217			79	52	33	25	5		23		27.8
Secondary		788		4	181	197	140	159	58	29	5	15	30.4
Engineering and science technicians	7	985		12	213	146	91	275	135	64	40	9	36.1
Draftsmen and surveyors	7	430		12	131	68	44	87	38	23	23	4	30.5
Electrical and electronic engineering technicians		116			26	28	21	31	5	5			31.0
Technicians, except health, and engineering and science		536			41	109	144	175	51		5	11	34.1
Airplane pilots		12				7		5					
Writers, artists, and entertainers	7	461	14	7	95	109	40	66	76	16	21	17	30.7
Other professional, technical, and kindred workers		815		13	130	180	89	189	139	31	31	13	34.7
Managers and administrators, except farm	7	4 627	16	46	258	402	637	1 197	1 193	484	259	135	43.0
Buyers, purchasing agents, and sales managers		600		10	42	42	85	149	158	78	36		43.1
School administrators		241			5	4	64	96	45	17	5	5	39.9
Specified managers and administrators, public administration		175		4		18	16	54	35	26	17	5	44.2
Other specified managers and administrators		824	7	5	75	110	113	145	167	89	60	53	42.0
Managers and administrators, n.e.c., salaried	7	2 259	9	27	108	210	307	629	608	199	110	52	42.4
Manufacturing	7	798			4	57	95	253	257	76	51	5	44.6
Wholesale and retail trade		621	4	11	64	74	89	160	132	51	18	18	39.3
Transportation, communications, and other public utilities		195			5	11	34	63	45	11	20	6	42.5
All other industries		645	5	16	35	68	89	153	174	61	21	23	42.2
Managers and administrators, n.e.c., self-employed		528			28	18	52	124	180	75	31	20	47.3
Construction		131			15	3	12	25	56	9		11	46.9
Manufacturing		38							25	8	5		
Wholesale and retail trade		261			13	15	40	62	71	35	16	9	45.1
All other industries		98						37	28	23	10		
Sales workers	329	3 031	168	168	293	344	273	584	650	220	154	177	39.6
Insurance agents, brokers, and underwriters		302			45	34	18	84	82	14	5	20	41.4
Real estate agents and brokers		129				5	11	54	37	5	4	13	44.0
Sales representatives, manufacturing industries		460	5		54	67	60	122	94	44	5	9	38.6
Sales representatives, wholesale trade		447	5	6	27	67	64	99	81	48	30	20	40.5
Sales clerks, retail trade	13	717	66	89	103	85	48	89	109	43	44	41	31.6
Salesmen, retail trade		397		29	26	28	48	32	109	46	30	49	48.3
Salesmen of services and construction	5	153			5	14	5	52	52	5	15	5	45.1
Other sales workers	311	426	92	44	33	44	19	52	86	15	21	20	30.0
Clerical and kindred workers	14	4 027	64	256	501	383	422	771	932	356	202	140	40.0
Bank tellers and cashiers		91	5		26	10	11	12	5	9	7	6	
Bookkeepers and billing clerks	4	262			31	13	16	43	97	39	9	14	47.9
Mail handlers and postal clerks		486	9	28	12	39	67	99	184	39	4	5	43.9
Other clerical and kindred workers	10	3 188	50	228	432	321	328	617	646	269	182	115	38.8
Craftsmen and kindred workers	10	16 530	85	374	1 433	1 834	1 747	3 908	4 387	1 533	984	245	42.1
Apparel craftsmen and upholsterers		134		5	21	42	16	21	8		21		29.9
Bakers		23				7		6		10			
Cabinetmakers		14				4					6		
Construction craftsmen		3 697	21	64	331	352	462	1 033	932	283	161	58	41.0
Carpenters		778		11	54	55	110	244	198	55	42	9	41.5
Excavating, grading, and road machine operators		326			5	26	43	123	75	34	16	4	42.2
Electricians		930		4	98	114	135	225	198	93	56	7	40.1
Masons and tile setters		297		7	15	12	14	126	96	14	13		43.0
Painters, construction and maintenance, and paperhangers		292	11	7	34	34	45	63	81	8	9		37.4
Plasterers and cement finishers		120	10		23	21	9	25	16	12		4	33.3
Plumbers and pipe fitters		716		17	69	63	84	184	198	52	19	30	41.8
Other construction craftsmen		238		18	33	27	22	43	70	15	6	4	39.4
Foremen, n.e.c.		2 567			70	237	287	565	898	318	169	23	46.4
Manufacturing		2 030			61	178	232	431	716	275	120	17	46.6
Nonmanufacturing industries		537			9	59	55	134	182	43	49	6	45.6
Linemen and servicemen, telephone and power		503		22	88	124	124	105	18	18	4		30.7
Locomotive engineers and firemen		156		5	15	6		30	52	34	14		49.2
Mechanics and repairmen	5	3 292	37	160	361	444	393	809	631	207	207	43	38.1
Air conditioning, heating, and refrigeration		68	5		11	9		25	8		6	4	
Aircraft		161			14	15	27	53	40	3	9		39.6
Automobile, including body		1 330	8	101	155	229	186	322	195	66	53	15	34.6
Radio and television		175		4	22	29	26	39	29	4	15	7	36.7
Other mechanics and repairmen	5	1 558	24	55	159	162	154	370	359	134	124	17	41.1
Metal craftsmen, except mechanics		3 403	6	55	300	388	220	641	1 134	377	226	56	45.8
Machinists and job and die setters		1 140		13	100	118	86	224	416	116	56	11	45.7
Sheetmetal workers and tinsmiths		245		4	21	25	30	46	85	13	16	5	44.2
Tool and die makers		721		19	112	106	31	127	178	83	38	27	42.3
Other metal craftsmen		1 297	6	19	67	139	73	244	455	165	116	13	47.2
Printing craftsmen		203		9	24	67	27	36	26	8	6		30.3
Compositors and typesetters		75		6	14	12	5	19	11	8			
Pressmen and plate printers, printing		105		3	5	46	18	12	15		6		29.8
Stationary engineers and power station operators		341		5		35	43	52	116	51	34	5	48.1
Other craftsmen and kindred workers	5	2 197	21	49	223	135	168	606	572	227	136	60	43.3

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

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

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

LORAIN-ELYRIA SMSA—Continued

Total—Continued

Male employed—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											Median age
		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	
Operatives, except transport	69	16 014	283	858	2 060	2 385	2 029	3 177	3 042	1 201	740	239	36.2
Assemblers	—	2 729	10	152	524	622	376	508	314	129	76	18	30.8
Checkers, examiners, and inspectors, manufacturing	4	1 375	12	31	130	148	164	362	282	170	56	20	40.6
Garage workers and gas station attendants	37	535	141	148	68	67	27	26	13	11	22	12	19.7
Laundry and drycleaning operatives, n.e.c.	—	19	5	—	4	—	—	6	4	—	—	—	...
Meat cutters and butchers	—	172	—	7	—	9	38	44	18	8	36	12	42.3
Mine operatives, n.e.c.	—	50	—	—	—	19	—	4	12	4	11	—	...
Packers and wrappers, except produce	—	191	9	11	42	26	23	24	38	9	5	4	31.6
Painters, manufactured articles	—	456	—	24	50	74	105	82	87	25	5	4	33.8
Precision machine operatives	—	1 282	5	73	135	188	152	224	261	125	104	15	38.9
Sawyers	—	139	—	5	6	21	35	20	33	6	13	—	36.3
Stationary firemen	—	212	—	—	27	5	12	25	98	27	18	—	48.8
Textile operatives	—	12	—	—	7	5	—	—	—	—	—	—	...
Welders and flamecutters	—	1 529	6	34	153	259	225	351	299	119	73	10	37.5
Other metalworking operatives	—	1 353	—	37	140	194	105	304	369	111	74	19	41.6
Other specified operatives	19	1 559	66	114	225	127	192	293	287	127	74	54	36.9
Miscellaneous and not specified operatives	9	4 401	29	222	549	640	556	904	927	330	173	71	37.3
Occupation:													
Machine operatives, miscellaneous specified	—	1 438	15	57	126	217	177	296	336	110	79	25	39.3
Machine operatives, not specified	—	1 499	—	83	182	213	198	333	324	117	28	21	37.2
Miscellaneous operatives	5	984	10	60	179	154	128	173	136	78	50	16	33.5
Not specified operatives	4	480	4	22	62	56	53	102	131	25	16	9	39.2
Industry:													
Manufacturing	—	4 084	15	203	518	595	516	854	859	302	165	57	37.3
Durable goods	—	3 291	11	181	410	405	336	692	765	277	157	57	39.4
Wood products, including furniture	—	5	—	—	—	—	—	—	5	—	—	—	...
Primary metal industries	—	1 231	—	57	129	95	86	266	371	105	97	25	44.3
Fabricated metal industries	—	488	—	28	100	57	54	80	84	56	9	20	35.6
Machinery, including electrical	—	317	11	61	43	36	21	40	65	13	21	6	31.8
Motor vehicles and equipment	—	1 057	—	21	110	179	170	275	212	72	18	—	36.8
Transportation equipment, except motor vehicles	—	56	—	4	9	6	—	14	11	12	—	—	...
Other durable goods	—	137	—	10	19	32	5	17	17	19	12	6	36.5
Nondurable goods	—	785	4	22	108	190	180	162	91	20	8	—	31.9
Food and kindred products	—	39	4	5	10	—	12	4	—	—	4	—	...
Apparel and other fabricated textile products	—	—	—	—	—	—	—	—	—	—	—	—	...
Paper and allied products	—	15	—	—	—	5	5	5	—	—	—	—	...
Chemicals and allied products	—	572	—	7	71	136	136	132	80	10	—	—	32.6
Other nondurable goods	—	159	—	10	27	49	27	21	11	10	4	—	29.3
Not specified manufacturing industries	—	8	—	—	—	—	—	—	3	5	—	—	...
Nonmanufacturing industries	9	317	14	19	31	45	40	50	68	28	8	14	36.9
Transportation, communications, and other public utilities	—	136	—	—	26	40	16	10	34	6	4	—	30.6
Wholesale and retail trade	—	48	5	15	—	—	5	6	7	5	—	5	...
All other industries	9	133	9	4	5	5	19	34	27	17	4	9	42.2
Transport equipment operatives	3	3 258	59	172	202	427	522	774	705	251	87	59	38.2
Bus drivers	—	60	—	—	—	—	12	19	23	—	—	6	...
Taxicab drivers and chauffeurs	—	141	23	6	—	14	13	33	25	10	12	5	39.4
Truck drivers and deliverymen	3	2 131	30	110	144	339	346	521	431	146	27	37	36.9
Other transport equipment operatives	—	926	6	56	58	74	151	201	226	95	48	11	40.9
Laborers, except farm	140	4 269	561	473	415	509	408	687	707	252	165	92	32.2
Construction laborers	6	536	22	35	37	97	106	105	80	18	22	14	33.6
Freight, stock, and material handlers	76	1 651	363	239	127	155	148	216	249	97	41	16	28.1
Other specified laborers	33	749	126	80	54	91	74	119	118	40	10	37	31.6
Miscellaneous and not specified laborers	25	1 333	50	119	197	166	80	247	260	97	92	25	37.2
Occupation:													
Miscellaneous laborers	—	672	9	56	75	83	36	136	140	57	75	5	40.7
Not specified laborers	25	661	41	63	122	83	44	111	120	40	17	20	32.4
Industry:													
Manufacturing	—	1 009	—	91	158	135	71	180	233	81	51	9	37.8
Durable goods	—	968	—	71	154	135	59	180	228	81	51	9	38.6
Wood products, including furniture	—	—	—	—	—	—	—	—	—	—	—	—	...
Metal industries	—	656	—	54	103	74	24	115	168	58	51	9	41.3
Machinery, including electrical	—	26	—	5	—	—	—	4	10	7	—	—	...
Transportation equipment	—	266	—	6	51	51	35	61	46	16	—	—	33.6
Other durable goods	—	20	—	6	—	10	—	—	4	—	—	—	...
Nondurable goods	—	41	—	20	4	—	12	—	5	—	—	—	...
Food and kindred products	—	5	—	5	—	—	—	—	—	—	—	—	...
Not specified manufacturing industries	—	—	—	—	—	—	—	—	—	—	—	—	...
Nonmanufacturing industries	25	324	50	28	39	31	9	67	27	16	41	16	35.7
Railroads and railway express service	—	68	—	—	—	—	—	24	18	6	15	—	...
Transportation, except railroads	—	18	—	6	—	5	—	12	—	—	—	—	...
Communications, and utilities and sanitary services	—	38	—	—	10	9	5	—	—	—	14	—	...
Wholesale and retail trade	5	101	24	8	17	17	4	9	5	—	7	10	25.4
All other industries	20	99	26	14	12	—	—	22	4	10	5	6	...
Farmers and farm managers	15	645	—	4	18	30	70	118	123	74	69	139	51.7
Farm laborers and farm foremen	80	466	109	72	84	34	23	49	38	29	10	18	23.1
Paid farm laborers and farm foremen	65	411	93	72	65	34	18	38	38	29	6	18	23.1
Unpaid family workers	15	55	16	—	19	—	5	11	—	—	4	—	...
Service workers, except private household¹	119	3 823	447	411	473	317	295	504	534	307	283	252	34.5
Cleaning service workers	41	1 499	184	136	132	91	98	196	231	139	155	137	40.5
Food service workers	44	772	197	205	178	10	23	43	53	24	26	13	19.8
Cooks, except private household	—	198	62	52	25	6	—	19	14	10	5	5	19.4
Busboys and dishwashers	26	231	106	67	54	—	—	—	4	—	—	—	18.3
Health service workers	8	103	9	18	29	16	12	13	—	6	—	—	24.2
Personal service workers	5	302	25	31	49	55	12	36	51	10	5	28	29.2
Protective service workers	—	910	9	—	47	125	138	169	173	103	84	62	43.0
Firemen, fire protection	—	229	—	—	6	43	68	79	23	10	—	—	34.8
Guards and watchmen	—	343	9	—	9	10	21	45	97	53	69	30	53.0
Policemen and detectives	—	268	—	—	32	67	39	45	40	30	15	—	34.5
Private household workers	—	20	—	—	—	4	—	—	6	5	—	5	...

¹Includes 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**

LORAIN-ELYRIA SMSA—Continued

Total—Continued

Female employed

	Persons 14 and 15 years old	Persons 16 years old and over											Median age
		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	
Female employed	288	31 438	929	2 120	5 127	2 938	2 692	6 486	6 365	2 568	1 311	902	37.9
Professional, technical, and kindred workers		4 590	36	75	811	652	429	974	837	409	224	143	38.0
Accountants		157	—	10	13	23	4	44	27	11	21	4	41.5
Computer specialists		13	—	—	9	4	—	—	—	—	—	—	...
Librarians		167	—	18	20	18	5	20	46	12	23	5	45.5
Mathematical specialists		6	—	—	—	—	—	6	—	—	—	—	...
Life and physical scientists		16	—	—	7	—	—	4	5	—	—	—	...
Registered nurses, dietitians, and therapists		1 009	5	—	128	165	135	223	193	113	25	22	38.2
Dietitians		48	5	—	—	12	7	8	8	8	—	—	...
Registered nurses		923	—	—	122	135	119	215	180	105	25	22	39.0
Health technologists and technicians		197	—	5	52	33	46	32	8	11	5	5	30.9
Social scientists		—	—	—	—	—	—	—	—	—	—	—	...
Social and recreation workers		143	—	20	20	15	3	16	34	12	17	6	43.4
Teachers: College and university		97	6	6	14	8	11	5	9	14	14	10	...
Elementary and prekindergarten		1 433	—	—	215	191	138	341	292	154	71	31	40.1
Secondary		556	—	—	157	122	43	86	81	30	26	11	30.0
Other teachers		149	15	5	22	22	9	28	29	5	—	14	35.5
Engineering and science technicians		52	—	11	12	5	—	13	7	4	—	—	...
Technicians, except health, and engineering and science		24	—	—	5	—	—	6	13	—	—	—	...
Writers, artists, and entertainers		201	6	—	60	15	20	59	8	15	12	6	34.9
Actors and dancers		—	—	—	—	—	—	—	—	—	—	—	...
Authors, editors, and reporters		100	—	—	38	6	9	22	8	10	7	—	...
Other professional, technical, and kindred workers		370	4	—	77	31	15	91	85	28	10	29	41.4
Managers and administrators, except farm		926	9	10	70	81	64	182	230	142	75	63	47.0
Buyers, purchasing agents, and sales managers		128	4	—	11	5	15	22	38	28	5	—	46.8
Restaurant, cafeteria, and bar managers		130	—	—	—	9	11	14	48	30	—	18	51.5
School administrators		58	—	—	—	—	4	23	12	9	10	—	...
Other specified managers and administrators		175	—	10	22	13	17	19	38	33	12	11	46.7
Managers and administrators, n.e.c., salaried		353	5	—	37	49	12	93	79	31	28	19	42.9
Wholesale and retail trade		163	—	—	32	20	5	58	24	14	5	5	39.2
Managers and administrators, n.e.c., self-employed		82	—	—	—	5	5	11	15	11	20	15	...
Wholesale and retail trade		41	—	—	—	5	—	5	10	7	5	9	...
Sales workers	34	3 127	219	290	358	208	246	577	735	232	139	123	39.2
Demonstrators, hucksters, and peddlers		217	5	—	42	44	15	62	29	15	5	—	35.4
Insurance, real estate agents, and brokers		129	—	—	—	18	16	24	61	—	—	10	46.1
Sales clerks, retail trade		2 197	168	269	229	86	144	398	559	175	92	77	40.1
Salesmen, retail trade		74	9	—	9	15	—	10	9	12	5	5	...
Other sales workers		510	37	21	78	45	71	83	77	30	37	31	35.4
Clerical and kindred workers	35	9 955	222	983	2 234	1 008	792	1 876	1 718	703	282	137	33.3
Bank tellers		306	—	64	88	31	24	41	22	32	4	—	25.2
Bookkeepers		1 433	—	86	250	121	107	357	273	148	73	18	39.3
Cashiers		1 087	86	138	194	126	111	211	154	30	24	13	30.0
Counter clerks, except food		144	—	24	10	28	22	5	23	22	10	—	32.3
Enumerators and interviewers		31	—	—	—	—	—	16	11	4	—	—	...
File clerks		142	4	29	44	4	5	13	38	5	—	—	24.3
Office machine operators		312	—	15	117	57	22	60	14	20	—	7	27.1
Bookkeeping and billing machine operators		62	—	10	44	3	5	—	—	—	—	—	...
Keypunch operators		188	—	5	59	49	7	47	14	7	—	—	28.1
Payroll and timekeeping clerks		150	—	18	22	5	7	28	46	15	9	—	43.2
Receptionists		329	5	33	58	55	15	75	52	24	7	5	34.5
Secretaries		2 553	17	264	606	247	206	541	456	159	37	20	33.5
Stenographers		80	—	—	24	16	11	6	18	—	—	5	...
Telephone operators		502	8	90	104	46	49	62	61	62	15	5	30.3
Typists		764	20	77	273	76	39	100	125	24	17	13	25.8
Other clerical and kindred workers		2 122	82	145	444	196	174	361	425	158	86	51	35.6
Craftsmen and kindred workers	12	652	—	9	85	68	66	145	173	25	19	62	41.8
Foremen, n.e.c.		73	—	—	6	5	5	14	37	—	—	6	...
Operatives, except transport	42	3 882	15	168	383	324	407	923	999	418	167	78	42.0
Assemblers		818	—	37	79	65	74	190	226	89	44	14	43.1
Bottling and canning operatives		—	—	—	—	—	—	—	—	—	—	—	...
Checkers, examiners, and inspectors, manufacturing		516	—	13	10	13	42	130	171	104	27	6	47.9
Dressmakers and seamstresses, except factory		75	—	—	—	9	17	9	5	4	31	—	...
Laundry and dry cleaning operatives, including ironers		283	—	12	23	38	19	54	87	33	5	12	44.2
Graders and sorters, manufacturing		—	—	—	—	—	—	—	—	—	—	—	...
Packers and wrappers, except produce		312	—	17	35	22	43	79	95	10	11	—	39.9
Sewers and stitchers		280	6	16	39	18	21	98	42	24	10	6	39.1
Textile operatives		857	9	33	89	79	94	176	227	89	21	40	42.1
Other specified operatives		741	—	40	108	80	97	187	146	65	18	—	37.4
Miscellaneous and not specified operatives		691	—	40	108	70	91	182	132	55	13	—	37.0
Manufacturing		399	—	23	61	40	40	109	82	31	13	—	38.3
Durable goods		128	—	15	33	15	13	33	8	11	—	—	30.4
Machinery, including electrical		271	—	8	28	25	27	76	74	20	13	—	41.3
Other durable goods		292	—	17	47	30	51	73	50	24	—	—	35.1
Nondurable goods, including not specified manufacturing		—	—	—	—	—	—	—	—	—	—	—	...
Food and kindred products		11	—	—	—	—	—	—	5	—	—	—	...
Apparel and other fabricated textile products		50	—	—	—	—	—	—	—	—	—	—	...
Nonmanufacturing industries		—	—	—	—	—	—	—	—	—	—	—	...
Transport equipment operatives		245	—	—	16	14	38	106	56	10	—	5	40.1
Laborers, except farm	14	330	10	33	28	43	54	64	58	29	11	—	34.7
Farmers and farm managers		76	10	—	5	—	17	5	9	6	4	20	...
Farm laborers and farm foremen		263	24	22	11	13	30	47	75	15	18	8	41.7
Paid farm laborers and farm foremen		230	24	22	11	13	15	47	71	10	13	4	41.4
Unpaid family workers		33	—	—	—	—	15	—	4	5	5	4	...
Service workers, except private household¹	55	6 731	303	497	1 097	510	535	1 466	1 336	501	307	179	37.9
Cleaning service workers		966	15	26	48	30	136	265	247	86	68	45	43.6
Chambermaids and maids		180	—	10	13	8	16	54	34	6	16	23	43.0
Food service workers		2 748	222	305	327	112	196	618	533	267	121	47	38.4
Cooks, except private household		756	7	19	46	23	40	162	231	144	55	29	48.5
Waiters and food counter workers		1 554	181	237	222	74	127	346	226	72	51	18	32.5
Health service workers		1 660	43	91	407	205	128	357	292	89	23	25	33.3
Nursing aides, orderlies, and attendants		682	25	44	129	63	58	167	138	36	9	13	36.3
Practical nurses		692	—	11	187	64	149	104	53	—	—	12	32.8
Personal service workers		857	9	50	244	134	45	104	167	22	54	28	29.7
Hairdressers and cosmetologists		515	5	31	212	99	23	29	97	10	9	—	25.5
Private household workers	87	661	81	33									

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**

TOLEDO, OHIO—MICH., SMSA

Total

Male employed

Professional, technical, and kindred workers

	Persons 14 and 15 years old	Persons 16 years old and over										Median age	
		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
Total	1 735	169 497	4 706	7 557	20 439	19 401	17 006	35 231	35 001	14 238	9 862	6 056	39.4
Male employed	1 735	169 497	4 706	7 557	20 439	19 401	17 006	35 231	35 001	14 238	9 862	6 056	39.4
Professional, technical, and kindred workers	32	21 207	67	341	3 313	3 568	2 669	4 529	3 734	1 269	881	836	36.4
Accountants	—	1 862	—	12	162	363	231	351	420	129	116	78	39.6
Architects	—	83	—	—	6	—	12	22	18	11	4	10	...
Computer specialists	—	455	—	5	75	127	109	105	28	6	—	—	30.9
Engineers	—	4 083	—	11	335	660	478	988	994	283	199	135	40.6
Aeronautical and astronautical	—	15	—	—	—	5	—	5	5	—	—	—	...
Civil	—	531	—	—	43	82	82	161	88	23	20	32	38.6
Electrical and electronic	—	539	—	6	45	109	83	115	125	32	24	—	37.3
Mechanical	—	792	—	—	51	105	116	180	196	74	42	28	41.9
Other engineers	—	2 206	—	5	196	359	197	527	580	154	113	75	41.6
Lawyers and judges	—	794	—	—	3	77	61	205	164	78	64	142	48.1
Life and physical scientists	—	430	—	—	41	93	83	61	95	44	—	13	34.9
Chemists	—	333	—	—	32	62	56	49	85	40	—	9	38.4
Physicians, dentists, and related practitioners	—	1 502	—	—	117	113	168	412	360	94	120	118	43.6
Dentists	—	248	—	—	—	19	38	84	78	5	5	19	43.0
Pharmacists	—	429	—	—	101	30	45	91	68	22	59	13	39.2
Physicians, medical and osteopathic	—	711	—	—	5	6	10	40	35	8	10	—	44.0
Other related practitioners	—	114	—	—	5	6	7	17	59	46	86	13	45.8
Health technologists and technicians	—	242	6	10	76	44	26	27	38	5	5	—	28.3
Religious workers	—	673	—	—	14	43	102	202	101	88	40	83	43.8
Social scientists	—	323	—	—	38	41	81	77	55	21	10	—	35.2
Social and recreation workers	—	357	7	8	99	63	44	37	56	35	8	—	30.2
Teachers	—	4 235	5	11	1 027	981	569	846	467	146	118	65	30.8
College and university	—	1 456	—	5	204	334	218	414	175	54	33	19	34.2
Elementary and prekindergarten	—	534	—	—	169	156	65	60	58	10	6	10	28.1
Secondary	—	2 085	—	—	614	470	272	352	199	71	74	33	29.6
Engineering and science technicians	—	2 329	15	81	577	447	234	463	318	106	60	28	31.0
Draftsmen and surveyors	—	1 253	15	60	372	259	82	240	154	28	30	13	28.5
Electrical and electronic engineering technicians	—	233	—	10	39	28	62	65	16	9	4	—	33.2
Technicians, except health, and engineering and science	—	250	—	11	33	45	19	58	56	12	11	5	37.9
Airplane pilots	—	73	—	—	—	27	6	25	15	—	—	—	...
Writers, artists, and entertainers	—	1 385	28	114	243	201	166	227	213	85	34	74	33.2
Other professional, technical, and kindred workers	—	2 204	6	78	467	270	286	448	351	126	92	80	34.9
Managers and administrators, except farm	6	16 804	33	97	891	1 539	1 861	4 440	4 179	1 574	1 262	704	43.7
Buyers, purchasing agents, and sales managers	—	2 389	—	12	142	306	320	634	536	225	159	55	41.5
School administrators	—	444	—	6	6	39	85	186	81	24	9	8	39.6
Specified managers and administrators, public administration	—	761	—	—	22	35	49	182	229	98	89	57	49.0
Other specified managers and administrators	—	2 979	4	22	263	350	330	675	739	243	219	134	42.7
Managers and administrators, n.e.c., salaried	—	8 227	19	53	409	680	914	2 327	2 126	776	622	301	43.8
Manufacturing	—	2 657	9	8	57	153	303	775	757	276	257	62	45.3
Wholesale and retail trade	—	2 646	10	27	200	303	348	660	549	221	176	152	41.6
Transportation, communications, and other public utilities	—	785	—	5	36	68	63	210	210	111	67	15	45.5
All other industries	—	2 139	—	13	116	156	200	682	610	168	122	72	43.6
Managers and administrators, n.e.c., self-employed	—	1 780	10	4	49	129	163	436	468	208	164	149	47.1
Construction	—	339	—	—	4	26	39	103	96	38	14	19	44.8
Manufacturing	—	167	5	—	11	—	5	58	44	13	16	15	46.0
Wholesale and retail trade	—	903	5	4	34	70	89	197	225	99	94	86	47.3
All other industries	—	371	—	—	—	33	30	78	103	58	40	29	49.3
Sales workers	694	10 479	536	467	1 038	1 208	1 031	2 024	2 129	821	591	634	39.7
Insurance agents, brokers, and underwriters	—	1 204	—	—	85	223	108	297	293	67	72	59	41.3
Real estate agents and brokers	—	514	—	—	14	9	54	74	131	56	52	124	53.1
Sales representatives, manufacturing industries	—	1 394	7	8	88	153	207	389	324	112	45	61	41.0
Sales representatives, wholesale trade	—	1 954	—	18	132	304	198	430	482	166	108	116	42.6
Sales clerks, retail trade	—	2 378	278	345	401	166	142	258	294	189	159	146	30.0
Salesmen, retail trade	—	1 449	34	41	130	133	179	311	356	101	75	89	41.7
Salesmen of services and construction	—	560	5	24	57	73	55	112	117	68	35	14	40.9
Other sales workers	—	1 026	212	31	131	147	88	153	132	62	45	25	29.7
Clerical and kindred workers	48	12 082	297	665	1 754	1 375	939	2 061	2 621	1 097	760	513	39.9
Bank tellers and cashiers	—	451	63	76	79	28	24	4	66	31	23	57	26.3
Bookkeepers and billing clerks	—	1 149	10	59	192	159	99	169	202	97	87	75	38.3
Mail handlers and postal clerks	—	1 567	16	70	127	108	78	351	571	132	88	26	45.6
Other clerical and kindred workers	—	8 915	208	460	1 356	1 080	738	1 537	1 782	837	562	355	39.0
Craftsmen and kindred workers	34	39 889	339	1 185	3 960	4 424	2 811	9 526	9 191	3 594	2 356	1 033	41.0
Apparel craftsmen and upholsterers	—	347	—	20	55	28	40	63	25	25	31	60	39.8
Bakers	—	161	5	3	5	15	12	37	18	56	10	—	46.9
Cabinetmakers	—	148	5	—	25	15	26	10	16	16	22	13	38.0
Construction craftsmen	—	8 532	52	183	762	873	1 117	2 145	1 952	764	471	213	41.0
Carpenters	—	2 185	4	32	169	228	235	626	546	195	88	62	41.8
Excavating, grading, and road machine operators	—	608	—	5	29	95	77	171	164	20	41	6	40.7
Electricians	—	1 844	6	50	204	165	178	482	419	171	126	43	41.6
Masons and tile setters	—	530	—	17	68	37	103	163	102	22	14	4	37.5
Painters, construction and maintenance, and paperhangers	—	888	26	54	62	60	148	169	186	101	61	21	40.6
Plasterers and cement finishers	—	253	—	—	15	4	53	75	84	19	—	3	42.3
Plumbers and pipe fitters	—	1 584	16	25	151	177	223	316	347	187	96	46	41.3
Other construction craftsmen	—	640	—	—	64	107	100	143	104	49	45	28	38.4
Foremen, n.e.c.	—	6 480	5	37	240	672	695	1 766	1 791	678	490	506	44.0
Manufacturing	—	4 433	—	21	147	477	491	1 214	1 218	457	350	188	43.9
Nonmanufacturing industries	—	2 047	5	16	93	195	204	552	573	221	140	48	44.2
Linemen and servicemen, telephone and power	—	1 094	—	84	285	153	103	302	125	20	14	8	31.2
Locomotive engineers and firemen	—	941	—	37	75	69	83	235	239	62	95	46	43.8
Mechanics and repairmen	—	8 403	184	370	877	1 005	834	1 986	1 859	679	470	139	39.7
Air conditioning, heating, and refrigeration	—	262	—	11	26	20	25	73	68	14	21	4	41.7
Aircraft	—	115	—	—	—	33	6	42	28	6	—	—	39.4
Automobile, including body	—	3 315	97	240	428	391	313	784	635	216	147	64	37.4
Radio and television	—	393	19	18	32	73	32	72	118	24	5	—	38.1
Other mechanics and repairmen	—	4 318	68	101	391								

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**

TOLEDO, OHIO-MICH., SMSA—Continued

Total—Continued

Male employed—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											Median age
		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	
Operatives, except transport	98	32 433	658	1 865	4 763	4 005	3 302	6 472	6 197	2 880	1 748	543	37.5
Assemblers.....	—	2 949	21	141	485	491	300	530	581	231	141	28	35.7
Checkers, examiners, and inspectors, manufacturing.....	—	3 027	—	78	416	390	284	640	610	358	187	64	40.4
Garage workers and gas station attendants.....	43	1 548	428	458	227	77	47	62	103	65	36	45	19.5
Laundry and drycleaning operatives, n.e.c.....	4	137	14	11	21	19	—	12	31	9	16	4	37.9
Meat cutters and butchers.....	—	561	6	24	38	49	65	91	86	54	83	65	45.9
Mine operatives, n.e.c.....	—	65	—	—	—	—	—	—	—	—	—	—	...
Packers and wrappers, except produce.....	—	881	29	94	117	82	60	165	187	79	68	—	38.5
Painters, manufactured articles.....	—	542	9	38	80	46	66	98	143	21	34	7	38.3
Precision machine operatives.....	—	2 413	4	129	348	383	329	383	487	212	98	40	35.4
Sawyers.....	—	210	5	5	32	12	20	29	59	15	14	19	45.3
Stationary firemen.....	—	638	4	—	57	86	66	142	138	80	55	10	42.5
Textile operatives.....	—	196	—	9	9	24	16	27	57	34	20	—	47.3
Welders and flamecutters.....	—	2 449	14	92	295	359	330	577	479	180	85	38	37.3
Other metalworking operatives.....	—	2 980	8	127	403	374	335	645	623	273	171	21	38.8
Other specified operatives.....	33	4 756	41	262	723	480	443	1 141	884	373	304	105	38.8
Miscellaneous and not specified operatives.....	18	9 081	69	397	1 502	1 124	937	1 913	1 721	891	436	91	37.7
Occupation:													
Machine operatives, miscellaneous specified.....	—	3 578	10	117	527	441	371	832	722	364	164	30	38.9
Machine operatives, not specified.....	—	2 722	11	108	556	372	304	482	496	236	123	34	35.2
Miscellaneous operatives.....	12	1 368	44	102	252	145	130	259	235	126	63	12	35.4
Not specified operatives.....	6	1 413	4	70	167	166	132	340	268	165	86	15	39.9
Industry:													
Manufacturing.....	6	8 288	40	309	1 374	1 041	870	1 796	1 583	799	406	70	37.8
Durable goods.....	6	6 363	21	235	1 043	884	757	1 356	1 168	596	272	31	36.8
Wood products, including furniture.....	—	161	—	26	33	17	23	17	23	10	11	—	31.6
Primary metal industries.....	—	754	8	22	87	119	66	139	212	52	49	—	40.4
Fabricated metal industries.....	6	628	—	24	57	117	104	151	137	9	29	—	35.8
Machinery, including electrical.....	—	927	9	33	146	100	83	159	209	131	37	20	40.8
Motor vehicles and equipment.....	—	2 332	—	69	527	370	324	392	368	192	90	—	33.1
Transportation equipment, except motor vehicles.....	—	116	4	5	39	24	13	19	—	6	—	6	39.7
Other durable goods.....	—	1 445	—	56	154	138	150	473	217	194	56	5	39.7
Nandurable goods.....	—	1 897	19	69	326	157	113	431	411	198	134	39	41.1
Food and kindred products.....	—	315	10	10	50	21	35	87	39	29	34	—	38.6
Apparel and other fabricated textile products.....	—	5	—	—	5	—	—	—	—	—	—	—	47.2
Paper and allied products.....	—	573	5	15	71	23	19	120	151	82	75	12	39.1
Chemicals and allied products.....	—	347	—	14	45	41	25	117	58	42	5	—	37.1
Other nondurable goods.....	—	657	4	30	155	72	34	107	163	45	20	27	38.1
Not specified manufacturing industries.....	—	28	—	5	5	—	—	9	—	5	—	—	35.1
Nonmanufacturing industries.....	12	793	29	88	128	83	67	117	138	92	30	21	35.1
Transportation, communications, and other public utilities.....	—	254	—	18	34	35	12	61	45	29	11	9	39.6
Wholesale and retail trade.....	12	335	17	49	68	10	38	38	59	33	16	7	33.1
All other industries.....	—	204	12	21	26	38	17	18	34	30	3	5	31.5
Transport equipment operatives	41	10 367	87	413	1 175	1 033	1 079	2 400	2 541	916	524	199	40.8
Bus drivers.....	—	213	4	—	26	21	4	43	50	35	20	10	46.7
Taxicab drivers and chauffeurs.....	—	304	—	8	37	21	11	29	98	53	34	13	49.7
Truck drivers and deliverymen.....	32	6 847	73	300	642	711	692	1 644	1 743	606	306	130	41.1
Other transport equipment operatives.....	9	3 003	10	105	470	280	372	684	650	222	164	46	38.9
Laborers, except farm	215	11 661	1 231	1 396	2 016	1 061	898	1 806	1 749	731	500	273	30.7
Construction laborers.....	6	1 540	34	143	282	119	161	302	313	93	55	38	36.0
Freight, stock, and material handlers.....	86	5 697	782	759	1 053	531	406	825	756	309	197	79	27.4
Other specified laborers.....	71	2 428	310	295	318	229	191	338	339	150	145	113	31.6
Miscellaneous and not specified laborers.....	52	1 996	105	199	363	182	140	341	341	179	103	43	35.3
Occupation:													
Miscellaneous laborers.....	4	598	9	28	78	62	40	124	116	79	50	12	41.6
Not specified laborers.....	48	1 398	96	171	285	120	100	217	225	100	53	31	31.4
Industry:													
Manufacturing.....	10	1 030	10	101	228	151	78	230	112	77	43	—	31.6
Durable goods.....	—	798	5	78	170	110	53	186	91	72	33	—	33.4
Wood products, including furniture.....	—	33	5	5	4	5	—	9	—	—	5	—	...
Metal industries.....	—	289	—	13	52	50	13	80	36	39	6	—	37.1
Machinery, including electrical.....	—	91	—	5	26	9	9	19	10	4	—	—	...
Transportation equipment.....	—	188	—	27	35	36	11	48	18	5	8	—	29.4
Other durable goods.....	—	197	—	28	53	10	20	40	18	18	10	—	31.9
Nandurable goods.....	10	216	5	23	58	36	19	44	16	5	10	—	28.1
Food and kindred products.....	6	47	—	8	13	9	8	4	—	—	5	—	...
Not specified manufacturing industries.....	—	16	—	—	—	5	6	—	5	—	—	—	...
Nonmanufacturing industries.....	42	966	95	98	135	31	62	111	229	102	60	43	40.6
Railroads and railway express service.....	—	196	—	11	24	15	17	21	69	10	29	—	46.4
Transportation, except railroads.....	4	92	11	7	13	—	—	27	15	14	5	—	...
Communications, and utilities and sanitary services.....	—	103	—	17	13	—	—	21	15	17	8	12	45.3
Wholesale and retail trade.....	19	261	60	42	9	11	24	24	42	22	14	13	31.8
All other industries.....	19	314	24	21	76	5	21	18	88	39	4	18	40.6
Farmers and farm managers	—	1 936	5	23	74	107	152	331	477	266	215	286	50.8
Farm laborers and farm foremen	97	762	195	118	87	23	48	34	94	60	41	62	23.9
Paid farm laborers and farm foremen.....	65	700	189	99	71	23	44	34	85	60	41	54	24.4
Unpaid family workers.....	32	62	6	19	16	—	4	—	9	—	—	8	...
Service workers, except private household¹	466	12 042	1 245	981	1 363	1 058	746	1 604	2 083	1 025	984	953	38.9
Cleaning service workers.....	221	4 601	319	384	414	284	185	507	896	621	547	444	47.3
Food service workers.....	128	2 380	764	355	400	106	53	135	241	120	71	135	20.9
Cooks, except private household.....	26	727	226	105	98	40	22	51	78	48	26	33	21.7
Busboys and dishwashers.....	84	542	308	114	75	13	—	—	5	5	14	8	17.8
Health service workers.....	5	361	22	96	105	15	26	27	24	27	13	6	23.0
Personal service workers.....	42	1 196	71	65	108	104	111	221	221	54	105	136	41.3
Protective service workers.....	—	2 753	—	9	227	494	319	587	561	155	215	184	40.6
Firemen, fire protection.....	—	474	—	—	6	88	88	160	106	11	15	—	38.4
Guards and watchmen.....	—	1 031	—	9	59	65	47	86	293	112	183	177	53.5
Policemen and detectives.....	—	1 132	—	—	153	320	180	307	140	15	17	—	32.6
Private household workers	4	59	13	6	5	—	—	4	6	5	—	20	...

¹Includes 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**

TOLEDO, OHIO-MICH., SMSA—Continued

Total—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											Median age
		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	
Female employed	667	96 186	2 981	6 803	15 981	8 362	7 237	18 006	19 888	7 885	5 405	3 638	38.7
Professional, technical, and kindred workers	20	14 839	92	251	3 160	2 208	1 378	2 924	2 396	1 070	755	605	36.1
Accountants.....	—	459	6	10	56	45	12	120	120	41	27	22	43.4
Computer specialists.....	—	74	—	—	30	—	11	15	18	—	—	—	...
Librarians.....	6	347	6	27	73	32	19	27	63	29	50	21	41.1
Mathematical specialists.....	—	9	—	—	—	—	—	—	5	—	—	—	...
Life and physical scientists.....	—	32	—	—	5	—	—	13	9	—	—	—	...
Registered nurses, dietitians, and therapists.....	6	3 318	23	38	586	522	332	741	583	273	140	80	37.1
Dietitians.....	—	156	17	10	24	11	10	27	33	13	5	—	37.2
Registered nurses.....	6	2 952	6	28	461	473	297	703	531	251	128	74	38.0
Health technologists and technicians.....	3	686	4	45	263	137	67	56	65	32	12	5	26.1
Social scientists.....	—	31	—	—	9	—	—	8	4	—	—	—	...
Social and recreation workers.....	—	458	—	8	112	63	50	81	51	38	20	35	34.6
Teachers: College and university.....	—	483	—	5	106	123	50	76	57	34	11	21	30.8
Elementary and prekindergarten.....	4	304	5	15	920	604	378	956	661	376	217	170	37.4
Secondary.....	—	1 650	5	10	432	335	160	43	63	40	33	49	31.3
Other teachers.....	—	443	21	4	63	36	43	91	68	40	33	49	41.0
Engineering and science technicians.....	—	146	—	10	49	28	17	23	6	13	—	—	27.5
Technicians, except health, and engineering and science.....	—	55	—	—	5	—	14	20	—	5	6	—	36.0
Writers, artists, and entertainers.....	5	729	16	24	136	91	86	111	119	34	66	46	36.0
Actors and dancers.....	—	30	—	—	30	—	—	—	—	—	—	—	...
Authors, editors, and reporters.....	—	99	—	5	17	15	—	25	11	5	12	9	...
Other professional, technical, and kindred workers.....	—	1 615	6	55	315	175	139	333	304	96	77	115	38.5
Managers and administrators, except farm	—	3 196	10	44	255	170	181	686	1 017	423	195	215	47.5
Buyers, purchasing agents, and sales managers.....	—	601	—	—	92	34	45	115	188	91	23	13	45.8
Restaurant, cafeteria, and bar managers.....	—	431	—	10	21	19	17	93	146	80	24	21	48.8
School administrators.....	—	214	—	—	6	5	17	50	58	29	20	29	50.0
Other specified managers and administrators.....	—	588	6	—	43	30	22	131	184	72	43	57	48.4
Managers and administrators, n.e.c., salaried.....	—	1 082	4	34	93	72	61	237	333	133	60	55	46.2
Wholesale and retail trade.....	—	379	—	19	32	17	24	70	126	50	13	28	47.2
Managers and administrators, n.e.c., self-employed.....	—	280	—	—	—	10	19	60	108	18	25	40	49.7
Wholesale and retail trade.....	—	140	—	—	—	6	15	39	42	15	9	14	47.4
Sales workers	59	7 965	458	823	985	453	497	1 341	1 756	735	590	327	40.7
Demonstrators, hucksters, and peddlers.....	—	503	—	13	52	95	59	116	112	34	17	5	37.8
Insurance, real estate agents, and brokers.....	5	504	6	8	49	32	31	121	131	68	29	29	45.4
Sales clerks, retail trade.....	19	5 650	387	660	742	215	333	924	1 250	502	440	197	40.3
Salesmen, retail trade.....	—	191	—	18	3	16	23	36	26	29	19	21	44.9
Other sales workers.....	35	1 117	65	124	139	95	51	144	237	102	85	75	40.9
Clerical and kindred workers	118	33 189	886	3 288	6 758	2 874	2 457	6 046	6 214	2 175	1 637	854	35.5
Bank tellers.....	—	739	6	67	204	73	78	157	90	59	5	—	31.3
Bookkeepers.....	17	3 964	39	163	540	309	355	750	946	377	316	169	42.7
Cashiers.....	5	2 889	194	417	466	239	181	567	568	141	86	30	33.5
Counter clerks, except food.....	—	594	27	75	63	40	30	125	91	66	50	27	40.0
Enumerators and interviewers.....	—	98	—	—	29	13	11	21	12	12	—	—	...
File clerks.....	12	813	60	120	198	57	39	97	133	37	48	24	27.5
Office machine operators.....	—	1 296	19	141	328	170	122	261	122	64	45	24	29.7
Bookkeeping and billing machine operators.....	—	252	6	34	70	42	4	44	15	10	12	15	26.9
Keypunch operators.....	—	652	—	63	206	92	80	128	49	17	12	5	28.1
Payroll and timekeeping clerks.....	—	431	—	14	69	25	25	109	154	19	5	11	42.6
Receptionists.....	—	1 074	66	142	241	56	47	163	161	63	81	54	33.4
Secretaries.....	5	9 025	87	769	1 998	902	771	1 670	1 724	499	415	190	34.9
Stenographers.....	—	339	—	24	82	47	21	42	76	23	19	5	33.9
Telephone operators.....	—	1 313	32	252	291	93	80	201	195	63	82	24	29.4
Typists.....	8	3 144	144	481	621	307	180	587	463	211	67	83	30.5
Other clerical and kindred workers.....	71	7 470	212	623	1 628	543	517	1 296	1 479	541	418	213	36.6
Craftsmen and kindred workers	4	1 588	26	47	185	106	152	310	373	132	123	134	44.0
Foremen, n.e.c.....	—	291	—	19	7	9	11	75	96	29	31	14	47.6
Operatives, except transport	29	10 606	61	324	983	868	784	2 387	2 995	1 190	658	356	44.6
Assemblers.....	—	1 795	6	46	223	132	165	465	490	164	89	15	42.0
Bottling and canning operatives.....	—	51	—	—	4	5	—	10	21	—	6	—	...
Checkers, examiners, and inspectors, manufacturing.....	—	1 281	8	15	115	67	120	249	340	212	136	19	47.0
Dressmakers and seamstresses, except factory.....	—	221	—	4	19	14	5	33	52	30	36	28	51.8
Laundry and dry cleaning operatives, including ironers.....	—	888	7	49	76	55	32	189	293	97	49	41	46.2
Graders and sorters, manufacturing.....	—	48	—	—	—	7	7	5	—	—	13	—	...
Packers and wrappers, except produce.....	7	1 275	14	79	82	83	63	280	493	113	54	14	45.7
Sewers and stitchers, except produce.....	—	638	—	15	46	47	32	136	161	64	87	50	47.7
Textile operatives.....	—	21	—	—	6	5	—	6	—	—	—	—	...
Other specified operatives.....	22	2 310	26	60	232	230	185	501	574	216	147	139	43.4
Miscellaneous and not specified operatives.....	—	2 083	—	56	180	223	170	513	556	294	41	50	43.0
Manufacturing.....	—	1 848	—	30	166	214	162	473	487	261	30	25	42.4
Durable goods.....	—	977	—	—	62	131	96	232	267	143	30	16	45.6
Machinery, including electrical.....	—	363	—	—	33	43	34	60	94	72	16	11	46.2
Other durable goods.....	—	614	—	—	29	88	62	172	173	71	14	5	42.4
Nondurable goods, including not specified manufacturing.....	—	871	—	30	104	83	66	241	220	118	—	9	41.3
Food and kindred products.....	—	170	—	—	31	18	33	26	43	19	—	—	36.2
Apparel and other fabricated textile products.....	—	46	—	8	5	—	6	16	—	11	—	—	...
Nonmanufacturing industries.....	—	235	—	26	14	9	8	40	69	33	11	25	48.0
Transport equipment operatives.....	—	935	—	10	103	79	185	272	221	57	6	2	38.3
Laborers, except farm	22	982	32	75	81	76	46	207	271	96	75	23	43.7
Farmers and farm managers.....	—	127	—	6	10	10	—	9	35	23	16	18	53.1
Farm laborers and farm foremen.....	—	373	53	12	27	19	27	50	99	25	34	27	44.7
Paid farm laborers and farm foremen.....	—	324	37	12	27	15	21	46	85	25	29	27	45.5
Unpaid family workers.....	—	49	16	—	—	4	6	4	14	—	5	—	...
Service workers, except private household¹	199	19 941	1 207	1 829	3 319	1 394	1 418	3 461	3 982	1 628	1 037	666	37.3
Cleaning service workers.....	35	2 528	84	84	135	108	136	406	746	390	252	187	49.2
Chambermaids and maids.....	11	759	49	39	58	38	39	120	194	97	50	75	46.9
Food service workers.....	72	8 876	829	965	1 340	513	669	1 596	1 720	663	417	164	35.8
Cooks, except private household.....	15	1 993	60	47	136	94	108	467	543	267	194	77	46.6
Waiters and food counter workers.....	43	5 023	581	684	846	327	419	862					

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**

TOLEDO, OHIO-MICH., SMSA—Continued

Negro

Male employed

	Persons 14 and 15 years old	Persons 16 years old and over											Median age
		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	
Professional, technical, and kindred workers	134	10 647	263	450	1 429	1 242	1 174	2 378	2 067	782	560	302	38.2
Professional, technical, and kindred workers	11	616	7	9	157	103	62	127	73	36	4	38	32.6
Engineers	—	32	—	—	4	5	6	11	6	—	—	—	—
Lawyers and judges	—	22	—	—	—	—	—	9	—	—	—	13	—
Life and physical scientists	—	5	—	—	5	—	—	—	—	—	—	—	—
Physicians, dentists, and related practitioners	—	48	—	—	7	4	—	18	6	4	—	9	—
Health workers, except practitioners	—	35	—	5	15	—	—	4	5	6	—	—	—
Social and recreation workers	11	46	7	—	13	4	4	5	5	8	—	—	—
Teachers	—	143	—	—	32	31	5	25	35	10	—	5	36.4
Technicians, except health	—	80	—	4	41	16	4	6	5	4	—	—	—
Writers, artists, and entertainers	—	46	—	—	9	17	10	—	6	—	4	—	—
Other professional, technical, and kindred workers	—	159	—	—	31	26	33	49	5	4	—	11	33.4
Managers and administrators, except farm	—	332	—	—	41	55	23	94	62	31	17	9	40.0
Salaried	—	266	—	—	35	49	23	69	55	22	13	—	38.8
Manufacturing	—	55	—	—	10	21	5	6	—	—	13	—	—
Retail trade	—	40	—	—	15	14	—	11	—	—	—	—	—
All other industries	—	171	—	—	10	14	18	52	55	22	—	—	43.4
Self-employed	—	66	—	—	6	6	—	25	7	9	4	9	—
Retail trade	—	21	—	—	6	—	—	6	—	—	—	9	—
All other industries	—	45	—	—	—	6	—	19	7	9	4	—	—
Sales workers	39	169	31	11	23	20	17	27	14	6	8	12	29.9
Manufacturing and wholesale trade	28	27	6	4	6	5	—	6	—	—	—	—	—
Retail trade	11	111	25	4	9	5	11	17	14	6	8	12	35.9
All other industries	—	31	—	3	8	10	6	4	—	—	—	—	—
Clerical and kindred workers	16	689	20	56	88	76	72	167	126	46	21	17	36.9
Bookkeepers and billing clerks	—	45	—	4	—	3	12	7	19	—	—	—	—
Mail handlers and postal clerks	7	191	4	20	6	18	19	75	37	6	6	—	38.8
Other clerical and kindred workers	9	453	16	32	82	55	41	85	70	40	15	17	35.1
Craftsmen and kindred workers	—	1 553	15	75	186	187	125	400	368	99	87	11	39.7
Carpenters	—	42	—	4	—	—	—	6	28	—	—	4	—
Construction craftsmen, except carpenters	—	278	—	25	13	17	9	89	88	28	5	4	43.4
Automobile mechanics, including body repairmen	—	157	10	—	10	16	6	49	36	10	20	—	42.4
Mechanics and repairmen, except auto	—	178	—	—	14	33	11	32	25	26	37	—	44.7
Machinists	—	55	—	12	13	12	—	12	6	—	—	—	—
Metal craftsmen, except mechanics and machinists	—	167	—	—	25	20	28	37	52	5	—	—	37.8
Foremen, n.e.c.	—	137	—	—	4	6	20	45	45	8	9	—	43.6
Other craftsmen and kindred workers	—	539	5	34	107	83	51	130	88	22	16	3	34.0
Operatives, except transport	10	3 303	32	151	585	466	500	679	538	159	166	27	34.2
Assemblers	—	470	—	16	61	43	40	51	32	10	17	—	31.9
Garage workers and gas station attendants	6	22	7	—	—	10	—	5	20	—	—	—	—
Laundry and drycleaning operatives, including ironers	4	41	—	—	—	4	—	10	4	16	7	—	—
Precision machine operatives	—	119	—	9	23	16	16	28	21	6	—	—	33.6
Other operatives, except transport	—	2 831	25	126	501	393	444	585	461	127	142	27	34.2
Durable goods, manufacturing	—	2 206	14	104	373	356	329	452	349	95	120	14	33.9
Nondurable goods, including not specified manufacturing	—	302	—	9	65	23	74	61	36	12	9	13	33.6
Nonmanufacturing industries	—	323	11	13	63	14	41	72	76	20	13	—	37.7
Transport equipment operatives	7	736	—	5	35	50	108	210	214	84	13	17	43.1
Truck drivers	7	319	—	—	6	23	42	76	116	43	13	—	46.1
Other transport equipment operatives	—	417	—	5	29	27	66	134	98	41	—	17	41.1
Laborers, except farm	13	1 608	65	69	195	126	158	390	385	107	78	35	39.9
Construction laborers	—	298	—	—	9	—	25	74	130	26	22	12	48.2
Freight, stock, and material handlers	7	468	20	22	41	81	39	131	95	20	11	8	37.4
Other laborers, except farm	6	842	45	47	145	45	94	185	160	61	45	15	37.4
Manufacturing industries	6	317	18	—	71	28	29	91	50	15	15	—	36.4
Farmers and farm managers	—	38	—	7	—	—	6	13	—	—	6	—	—
Farm laborers and farm foremen	—	44	—	6	—	6	—	10	13	9	—	—	—
Service workers, except private household¹	38	1 546	93	61	119	153	103	257	268	205	160	127	44.5
Cleaning service workers	23	817	22	27	45	80	37	118	145	140	110	93	50.5
Food service workers	7	199	46	5	—	19	20	41	30	14	12	12	37.3
Health service workers	—	54	—	6	16	—	19	—	6	7	—	—	—
Personal service workers	—	87	15	—	3	—	10	23	7	6	23	—	—
Protective service workers	—	104	—	—	18	33	6	13	16	5	5	8	30.8
Private household workers	—	13	—	—	—	—	—	4	6	—	—	3	—
Female employed	28	8 747	187	456	1 378	1 045	907	2 029	1 545	574	355	271	37.0
Professional, technical, and kindred workers	—	1 066	5	15	170	156	138	321	150	55	36	20	36.5
Registered nurses	—	112	—	—	5	14	12	66	8	—	7	—	38.8
Health workers, except nurses	—	108	5	10	31	6	37	19	—	—	—	—	30.3
Teachers, elementary and secondary schools	—	440	—	—	79	74	26	148	74	28	11	—	37.8
Technicians, except health	—	11	—	—	5	—	6	—	—	—	—	—	—
Other professional, technical, and kindred workers	—	395	—	5	50	62	57	88	68	27	18	20	37.7
Managers and administrators, except farm	—	160	—	—	27	10	22	24	31	28	—	18	43.8
Salaried	—	140	—	—	27	10	17	19	25	28	—	14	43.4
Self-employed	—	20	—	—	—	—	5	5	6	—	—	4	—
Sales workers	—	255	—	53	65	17	19	28	45	14	14	—	27.8
Retail trade	—	206	—	53	49	17	14	18	41	9	5	—	25.3
Clerical and kindred workers	19	1 889	82	181	540	291	165	329	208	29	26	38	34.7
Bookkeepers and cashiers	—	174	8	21	32	9	33	26	30	4	—	11	32.6
Office machine operators	—	117	—	5	37	24	10	21	5	—	10	5	28.4
Secretaries, stenographers, and typists	—	462	38	52	153	92	24	89	8	6	—	—	24.6
Other clerical and kindred workers	19	1 136	36	103	318	166	98	193	165	19	16	22	28.3
Craftsmen and kindred workers	—	123	—	—	32	14	24	15	19	4	15	—	33.2
Operatives, except transport	—	1 089	—	36	151	145	134	272	185	100	38	28	37.9
Sewers and stitchers	—	30	—	—	6	4	—	—	7	8	5	—	—
Laundry and drycleaning operatives, including ironers	—	238	—	9	16	9	5	90	51	33	15	10	43.9
Other operatives, except transport	—	821	—	27	129	132	129	182	127	59	18	18	34.7
Durable goods, manufacturing	—	480	—	13	107	74	61	99	61	34	18	13	33.8
Nondurable goods, including not specified manufacturing	—	188	—	8	12	27	46	53	33	9	—	—	35.2
Nonmanufacturing industries	—	153	—	6	10	31	22	30	33	16	—	5	37.5
Transport equipment operatives	—	80	—	—	3	10	11	24	22	10	—	—	—
Laborers, except farm	—	122	4	12	15	5	7	36	29	6	8	—	40.0
Farmers and farm managers	—	10	—	6	4	—	—	—	—	—	—	—	—
Farm laborers and farm foremen	—	37	—	—	5	—	—	11	6	7	8	—	—
Service workers, except private household¹	9	2 952	79	153	349	341	334	782	535	177	114	88	37.8
Cleaning service workers	—	511	—	6	27	33	30	118	172	61	34	30	47.4
Food service workers	5	801	33	62	106	115	90	232	90	29	30	14	34.7
Health service workers	—	871	21	31	91	92	153	279	122	49	10	23	36.7
Practical nurses	—	215	—	—	—	35	43	69	32	17	10	9	39.3
Personal service workers	—	310	17	23	30	36	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**

YOUNGSTOWN-WARREN SMSA

	Persons 14 and 15 years old	Persons 16 years old and over											Median age
		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	
Total	1 149	132 015	3 412	4 638	13 557	13 620	12 068	28 572	32 193	11 970	7 630	4 355	41.5
Male employed													
Professional, technical, and kindred workers	30	13 212	52	140	1 460	2 053	1 672	3 357	2 695	774	555	454	38.7
Accountants		1 100	—	—	138	173	145	298	213	33	59	41	38.2
Architects		68	—	—	6	—	4	33	20	—	—	5	—
Computer specialists		222	—	—	36	76	50	38	17	5	—	—	29.9
Engineers		2 552	6	18	192	395	295	696	647	155	111	37	40.3
Aeronautical and astronautical		14	—	—	8	—	—	—	6	—	—	—	—
Civil		268	6	—	—	24	32	119	39	27	15	6	41.1
Electrical and electronic		291	—	—	18	64	18	111	65	9	6	—	39.1
Mechanical		544	—	9	48	64	50	131	175	19	37	11	42.7
Other engineers		1 435	—	9	118	243	195	335	362	100	53	20	39.6
Lawyers and judges		544	—	—	—	25	27	129	168	64	30	101	50.4
Life and physical scientists		300	—	—	22	18	56	90	56	26	32	—	41.0
Chemists		275	—	—	22	14	56	85	52	14	32	—	40.4
Physicians, dentists, and related practitioners		1 190	—	—	6	103	168	384	274	54	52	149	43.3
Dentists		210	—	—	—	10	25	89	35	4	16	31	42.9
Pharmacists		214	—	—	6	23	24	86	56	10	5	4	41.3
Physicians, medical and osteopathic		628	—	—	—	48	109	189	124	34	25	99	43.3
Other related practitioners		138	—	—	—	22	10	20	59	6	6	15	47.9
Health technologists and technicians		88	—	—	23	17	17	22	—	5	—	4	—
Religious workers		496	7	—	9	78	53	165	100	27	24	33	41.1
Social scientists		103	—	—	13	8	10	40	26	6	—	—	40.1
Social and recreation workers		157	5	12	15	41	13	25	23	15	—	8	32.1
Teachers		2 670	12	6	415	553	365	614	442	150	89	24	34.8
College and university		336	—	—	9	49	45	130	56	27	12	8	40.0
Elementary and prekindergarten		466	—	6	145	100	39	82	78	11	5	—	29.1
Secondary		1 754	—	—	251	391	267	388	271	107	68	11	34.4
Engineering and science technicians		1 672	—	61	322	283	204	359	298	80	52	13	34.2
Draftsmen and surveyors		941	—	36	210	177	108	177	150	41	33	9	32.2
Electrical and electronic engineering technicians		149	—	9	31	28	6	40	35	—	—	—	35.1
Technicians, except health, and engineering and science		98	—	5	5	13	16	15	40	4	—	—	—
Airplane pilots		20	—	—	—	—	—	—	20	—	—	—	—
Writers, artists, and entertainers		681	22	34	89	99	82	134	128	48	27	18	36.1
Other professional, technical, and kindred workers		1 271	—	4	169	171	167	315	243	102	79	21	39.0
Managers and administrators, except farm	10	11 006	25	51	562	1 153	1 091	2 748	3 028	1 039	753	556	44.5
Buyers, purchasing agents, and sales managers		1 635	5	14	105	208	189	465	418	120	67	44	41.4
School administrators		318	—	—	—	10	38	115	94	38	18	5	44.7
Specified managers and administrators, public administration		435	—	—	15	21	25	46	179	39	77	33	51.2
Other specified managers and administrators		2 070	—	28	111	333	188	457	465	189	160	139	43.2
Managers and administrators, n.e.c., salaried		5 203	20	9	267	513	555	1 350	1 439	510	299	241	44.2
Manufacturing		1 528	7	5	29	114	105	439	448	240	82	59	46.5
Wholesale and retail trade		1 919	5	4	198	269	304	403	448	110	87	91	39.5
Transportation, communications, and other public utilities		424	—	—	20	15	25	141	111	37	61	14	46.0
All other industries		1 332	8	—	20	115	121	367	432	123	69	77	45.8
Managers and administrators, n.e.c., self-employed		1 345	—	—	64	68	96	315	433	143	132	94	48.0
Construction		224	—	—	6	—	18	56	80	10	49	5	49.0
Manufacturing		95	—	—	—	7	4	10	39	18	17	—	—
Wholesale and retail trade		735	—	—	48	52	48	157	214	92	58	66	47.9
All other industries		291	—	—	10	9	26	92	100	23	8	23	45.9
Sales workers	448	7 161	358	371	895	698	537	1 521	1 495	519	374	393	39.7
Insurance agents, brokers, and underwriters		904	—	—	67	112	90	302	191	81	31	30	41.1
Real estate agents and brokers		295	—	—	—	15	28	53	96	33	45	25	50.4
Sales representatives, manufacturing industries		815	11	11	92	94	96	222	188	51	29	21	39.7
Sales representatives, wholesale trade		1 338	3	12	122	176	136	319	334	97	78	61	41.9
Sales clerks, retail trade		1 868	182	277	381	125	49	238	271	97	109	139	28.8
Salesmen, retail trade		1 024	28	28	125	117	55	221	236	94	42	78	42.2
Salesmen of services and construction		272	5	10	20	25	27	58	65	32	15	15	43.4
Other sales workers		645	129	33	88	34	56	108	114	34	25	24	33.4
Clerical and kindred workers	47	9 105	167	331	1 210	941	802	1 752	2 296	840	523	243	41.3
Bank tellers and cashiers		248	44	24	39	33	8	11	46	14	5	24	27.6
Bookkeepers and billing clerks		730	—	9	117	61	78	132	144	88	60	41	42.6
Mail handlers and postal clerks		1 083	4	37	48	100	114	277	392	56	38	17	43.6
Other clerical and kindred workers		7 044	119	261	1 006	747	602	1 332	1 714	682	420	161	40.9
Craftsmen and kindred workers	10	33 742	141	492	2 628	3 047	3 096	8 126	9 712	3 616	2 150	734	44.2
Apparel craftsmen and upholsterers		136	—	18	9	—	11	18	41	18	15	6	47.9
Bakers		197	5	14	16	32	24	19	36	28	5	18	38.9
Cabinetmakers		114	—	6	—	5	10	10	49	15	10	9	50.3
Construction craftsmen		7 839	26	145	651	641	758	1 990	2 144	784	511	189	43.5
Carpenters		1 768	6	46	186	139	176	403	522	176	92	22	43.2
Excavating, grading, and road machine operators		749	—	18	38	56	82	279	180	50	30	16	41.5
Electricians		1 927	—	22	119	172	198	491	564	176	143	42	44.2
Masons and tile setters		855	5	4	58	69	42	202	268	114	62	31	46.8
Painters, construction and maintenance, and paperhangers		502	5	10	84	34	33	131	75	68	37	25	41.5
Plasterers and cement finishers		228	5	—	5	23	29	87	29	22	19	9	41.0
Plumbers and pipe fitters		1 125	—	29	105	101	102	243	313	113	80	39	44.3
Other construction craftsmen		685	5	16	56	47	96	154	193	65	48	5	43.0
Foremen, n.e.c.		5 490	5	8	185	395	568	1 384	1 832	704	366	43	46.1
Manufacturing		4 309	5	4	138	322	454	1 020	1 451	613	282	20	46.5
Nonmanufacturing industries		1 181	—	4	47	73	114	364	381	91	84	23	44.7
Linemen and servicemen, telephone and power		695	—	15	130	84	53	252	113	27	21	—	37.6
Locomotive engineers and firemen		550	—	10	70	54	14	41	175	82	56	48	49.9
Mechanics and repairmen		6 223	68	141	638	736	688	1 477	1 585	507	248	135	40.7
Air conditioning, heating, and refrigeration		234	—	4	46	25	19	51	68	16	—	5	39.5
Aircraft		69	—	—	16	12	—	34	7	—	—	—	—
Automobile, including body		2 242	52	94	284	281	244	527	448	179	98	35	38.1
Radia and television		261	—	17	25	32	4	72	74	22	9	6	42.3
Other mechanics and repairmen		3 417	16	26	267	386	421	793	988	290	141	89	42.5
Metal craftsmen, except mechanics	5 801	11	25	395	469	411	1 374	1 934	813	322	47	46.1	
Machinists and job and die setters		1 636	5	10	160	147	130	319	535	211	99	20	45.9
Sheetmetal workers and tinsmiths		411	—	2	58	46	38	101	97	60	9	—	41.1
Tool and die makers		769	6	5	65	84	54	193	229	105	25	3	43.8
Other metal craftsmen		2 985	—	8	112	192							

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**

YOUNGSTOWN-WARREN SMSA—Continued

Total—Continued

Male employed—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											Median age
		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	
Operatives, except transport	96	28 125	539	1 172	3 250	3 156	2 632	5 737	6 999	2 662	1 517	461	40.8
Assemblers.....	—	1 926	11	75	357	336	214	312	436	106	46	33	34.3
Checkers, examiners, and inspectors; manufacturing.....	—	1 882	4	50	144	237	143	387	581	209	119	8	44.4
Garage workers and gas station attendants.....	47	1 124	391	260	163	69	51	77	48	17	12	36	19.3
Laundry and drycleaning operatives, n.e.c.....	—	156	2	20	6	16	10	16	42	18	4	22	46.9
Meat cutters and butchers.....	—	479	—	4	24	74	80	117	98	32	29	21	39.9
Mine operatives, n.e.c.....	—	55	—	—	10	—	—	15	11	8	11	—	...
Packers and wrappers, except produce.....	—	581	23	58	104	74	26	94	140	34	23	5	35.6
Painters, manufactured articles.....	—	713	8	32	77	109	95	94	218	31	35	14	38.8
Precision machine operatives.....	9	2 506	—	49	204	377	350	538	561	271	123	33	40.1
Sawyers.....	—	255	—	6	57	10	21	50	53	42	10	6	41.7
Stationary firemen.....	—	235	—	16	5	19	14	46	78	31	15	11	47.2
Textile operatives.....	—	12	—	—	—	—	—	7	5	—	—	—	...
Welders and flamecutters.....	—	3 226	5	31	292	355	264	776	846	458	179	20	43.6
Other metalworking operatives.....	—	2 961	6	124	331	274	289	702	785	237	187	26	41.5
Other specified operatives.....	35	3 609	39	102	460	358	343	688	908	334	251	126	42.3
Miscellaneous and not specified operatives.....	5	8 405	50	345	1 016	848	732	1 818	2 189	834	473	100	41.7
Occupation:													
Machine operatives, miscellaneous specified.....	5	3 748	21	110	415	439	339	858	913	392	216	45	41.4
Machine operatives, not specified.....	—	1 113	—	51	127	116	125	207	346	64	57	20	41.6
Miscellaneous operatives.....	—	2 125	23	109	317	180	165	433	557	221	89	31	41.2
Not specified operatives.....	—	1 419	6	75	157	113	103	320	373	157	111	4	43.0
Industry:													
Manufacturing	—	7 834	14	296	930	810	721	1 736	2 053	770	421	83	41.6
Durable goods	5	6 781	5	245	808	622	629	1 460	1 840	694	400	78	42.4
Wood products, including furniture.....	—	196	—	—	30	8	—	9	100	30	19	—	50.1
Primary metal industries.....	—	3 485	—	112	379	218	278	826	1 012	395	229	36	44.1
Fabricated metal industries.....	—	964	—	57	84	114	96	183	253	85	69	23	42.2
Machinery, including electrical.....	—	594	—	28	84	55	66	140	137	64	11	9	39.6
Motor vehicles and equipment.....	—	820	—	19	138	128	107	186	140	66	32	4	36.0
Transportation equipment, except motor vehicles.....	—	250	—	9	21	66	18	37	85	10	4	—	38.0
Other durable goods.....	—	472	5	20	72	33	64	79	113	44	36	6	40.3
Nondurable goods	—	1 053	9	51	122	188	92	276	213	76	21	5	37.3
Food and kindred products.....	—	116	9	8	10	26	10	24	15	14	—	—	32.5
Apparel and other fabricated textile products.....	—	—	—	—	—	—	—	—	—	—	—	—	...
Paper and allied products.....	—	56	—	5	24	6	—	16	—	—	5	—	...
Chemicals and allied products.....	—	63	—	7	29	—	—	17	6	—	—	—	...
Other nondurable goods.....	—	818	—	31	59	156	78	219	192	62	16	5	38.9
Not specified manufacturing industries.....	—	—	—	—	—	—	—	—	—	—	—	—	...
Nonmanufacturing industries	5	571	36	49	86	38	11	82	136	64	52	17	43.0
Transportation, communications, and other public utilities.....	—	108	—	16	31	4	6	12	27	9	3	—	32.5
Wholesale and retail trade.....	5	268	24	18	44	8	—	35	69	34	27	9	45.7
All other industries.....	—	195	12	15	11	26	5	35	40	21	22	8	43.1
Transport equipment operatives	25	8 006	83	280	780	879	730	1 952	2 175	524	397	206	41.4
Bus drivers.....	—	162	—	—	9	—	—	24	68	19	35	7	52.1
Taxicab drivers and chauffeurs.....	—	122	—	4	23	11	—	14	30	12	10	18	48.0
Truck drivers and deliverymen.....	3	5 253	62	184	466	603	499	1 362	1 414	303	224	136	41.0
Other transport equipment operatives.....	22	2 469	21	92	282	265	231	552	663	190	128	45	41.2
Laborers, except farm	164	11 756	897	1 107	1 963	1 002	925	2 003	2 109	937	576	237	34.9
Construction laborers.....	10	1 476	49	74	189	136	152	286	280	186	72	52	39.8
Freight, stock, and material handlers.....	90	4 388	535	543	855	310	371	571	706	277	158	62	29.2
Other specified laborers.....	39	1 611	207	151	256	146	132	209	203	83	137	87	31.7
Miscellaneous and not specified laborers.....	25	4 281	106	339	663	410	270	937	920	391	209	36	38.8
Occupation:													
Miscellaneous laborers.....	4	2 118	15	89	226	207	153	563	504	239	100	22	41.6
Not specified laborers.....	21	2 163	91	250	437	203	117	374	416	152	109	14	34.3
Industry:													
Manufacturing	4	3 640	25	294	592	358	244	846	733	330	182	36	38.6
Durable goods	4	3 531	22	289	588	343	244	804	712	321	176	32	38.5
Wood products, including furniture.....	—	17	—	—	11	6	—	—	—	—	—	—	...
Metal industries.....	4	2 853	5	226	397	214	224	722	622	275	144	24	40.0
Machinery, including electrical.....	—	189	6	23	47	28	6	20	12	24	15	8	28.3
Transportation equipment.....	—	303	—	29	85	69	9	47	54	10	—	—	27.7
Other durable goods.....	—	169	11	11	48	26	5	15	24	12	17	—	27.8
Nondurable goods	—	109	3	5	4	15	—	42	21	9	6	4	41.5
Food and kindred products.....	—	18	—	5	—	—	—	9	—	4	—	—	...
Not specified manufacturing industries.....	—	—	—	—	—	—	—	—	—	—	—	—	...
Nonmanufacturing industries	21	641	81	45	71	52	26	91	187	61	27	—	40.0
Railroads and railway express service.....	—	112	—	—	10	3	—	19	44	20	16	—	50.5
Transportation, except railroads.....	—	25	—	5	—	—	—	10	5	5	—	—	...
Communications, and utilities and sanitary services.....	—	73	—	—	26	5	5	10	15	12	—	—	...
Wholesale and retail trade.....	6	230	45	20	17	25	5	22	73	18	5	—	36.4
All other industries.....	15	201	36	20	18	19	16	30	50	6	6	—	32.3
Farmers and farm managers	—	779	—	—	8	34	60	130	180	104	121	142	53.8
Farm laborers and farm foremen	60	461	157	18	71	48	28	73	29	24	4	9	23.9
Paid farm laborers and farm foremen.....	43	395	120	8	65	39	28	73	25	24	4	9	25.6
Unpaid family workers.....	17	66	37	10	6	9	—	—	4	—	—	—	...
Service workers, except private household¹	259	8 630	982	676	724	609	495	1 173	1 465	926	660	920	42.1
Cleaning service workers.....	87	3 475	382	316	255	170	136	387	632	530	274	393	46.4
Food service workers.....	89	1 410	504	231	128	29	22	124	149	81	58	84	19.7
Cooks, except private household.....	20	454	173	82	52	—	5	29	41	42	17	15	19.3
Busboys and dishwashers.....	49	283	183	53	23	4	—	3	—	—	5	12	17.5
Health service workers.....	—	226	22	55	67	15	9	20	14	—	19	5	22.7
Personal service workers.....	28	775	67	29	33	85	53	137	121	39	88	123	43.8
Protective service workers.....	4	2 230	3	6	124	249	244	408	454	267	179	296	46.8
Firemen, fire protection.....	—	436	—	—	33	28	48	141	78	71	32	5	42.7
Guards and watchmen.....	4	847	3	2	21	48	66	105	202	135	118	147	53.8
Policemen and detectives.....	—	727	—	—	66	161	127	139	146	56	19	13	35.7
Private household workers	—	32	11	—	6	—	—	—	10	5	—	—	...

¹Includes 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**

YOUNGSTOWN-WARREN SMSA—Continued

Total—Continued

	Persons 14 and 15 years old	Persons 16 years old and over											Median age
		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	
Female employed	461	67 470	1 717	4 303	10 608	6 007	4 976	13 323	15 801	5 390	3 192	2 153	39.6
Professional, technical, and kindred workers	20	9 471	25	137	1 924	1 355	839	1 772	1 739	767	572	341	37.6
Accountants.....	—	303	—	5	33	27	22	68	82	36	18	12	44.5
Computer specialists.....	—	30	—	—	10	15	—	5	—	—	—	—	...
Librarians.....	—	162	—	4	39	16	10	30	47	—	10	6	39.0
Mathematical specialists.....	—	2	—	—	—	—	—	—	—	—	2	—	...
Life and physical scientists.....	—	25	—	—	—	4	6	—	9	6	—	—	...
Registered nurses, dietitians, and therapists.....	—	2 457	—	16	462	332	229	582	460	149	176	51	38.3
Dietitians.....	—	63	—	6	15	5	—	4	28	—	5	—	...
Registered nurses.....	—	2 251	—	5	422	294	221	545	398	149	166	51	38.4
Health technologists and technicians.....	—	484	—	39	180	90	47	74	32	6	5	11	26.3
Social scientists.....	—	19	—	—	4	5	—	6	—	—	4	—	...
Social and recreation workers.....	5	289	6	—	54	57	19	36	55	44	4	14	37.4
Teachers: College and university.....	—	172	—	—	4	19	16	58	40	26	5	4	43.1
Elementary and prekindergarten.....	—	3 054	5	37	700	416	287	516	524	270	195	104	36.6
Secondary.....	3	1 122	—	5	232	200	83	166	239	70	66	61	37.5
Other teachers.....	8	202	5	—	12	35	38	25	24	30	21	12	39.4
Engineering and science technicians.....	—	139	—	13	53	10	—	32	22	5	—	4	26.8
Technicians, except health, and engineering and science.....	—	25	—	—	6	4	—	4	—	—	—	11	...
Writers, artists, and entertainers.....	4	314	5	14	41	35	33	47	61	28	24	26	41.2
Actors and dancers.....	—	10	—	—	5	—	—	—	—	—	—	5	...
Authors, editors, and reporters.....	—	56	—	—	—	10	5	4	11	11	3	12	...
Other professional, technical, and kindred workers.....	—	672	4	4	94	90	49	123	144	97	42	25	42.7
Managers and administrators, except farm	—	1 986	4	30	129	125	124	361	716	235	168	94	48.1
Buyers, purchasing agents, and sales managers.....	—	418	—	9	50	57	16	73	159	31	19	4	45.3
Restaurant, cafeteria, and bar managers.....	—	241	—	—	10	—	16	29	111	52	19	4	50.9
School administrators.....	—	108	—	—	5	5	—	6	55	15	17	5	51.9
Other specified managers and administrators.....	—	366	—	17	29	7	38	57	113	49	31	25	48.1
Managers and administrators, n.e.c., salaried.....	—	622	4	4	30	56	54	159	193	41	54	27	45.2
Wholesale and retail trade.....	—	219	4	—	15	15	11	63	65	14	15	17	45.2
Managers and administrators, n.e.c., self-employed.....	—	231	—	—	5	—	—	37	85	47	28	29	53.6
Wholesale and retail trade.....	—	118	—	—	—	—	—	21	52	17	14	14	52.3
Sales workers	36	6 625	390	735	677	251	359	1 138	1 758	754	325	238	42.9
Demonstrators, hucksters, and peddlers.....	—	295	—	—	39	32	29	90	84	10	4	7	40.3
Insurance, real estate agents, and brokers.....	—	273	—	7	9	17	13	75	88	29	15	20	46.8
Sales clerks, retail trade.....	19	5 130	319	655	537	133	221	774	1 400	655	269	167	44.0
Salesmen, retail trade.....	—	191	12	20	21	4	23	36	51	14	—	10	39.3
Other sales workers.....	17	736	59	53	71	65	73	163	135	46	37	34	37.9
Clerical and kindred workers	65	21 058	447	1 929	4 045	1 800	1 488	4 135	4 760	1 151	808	495	37.0
Bank tellers.....	—	709	—	55	179	68	42	168	166	14	11	6	35.6
Bookkeepers.....	—	2 688	5	171	314	234	189	649	703	163	132	128	41.6
Cashiers.....	5	2 185	197	286	379	91	115	476	456	122	34	29	35.5
Counter clerks, except food.....	5	380	33	34	35	5	23	37	170	4	25	14	46.4
Enumerators and interviewers.....	—	61	5	5	6	5	5	21	14	—	—	—	...
File clerks.....	—	438	4	81	114	23	37	65	64	29	16	5	29.3
Office machine operators.....	—	861	—	87	231	119	80	165	112	31	21	15	29.7
Bookkeeping and billing machine operators.....	—	141	—	12	48	24	16	31	4	—	—	6	27.2
Keypunch operators.....	—	420	—	43	136	66	45	75	37	6	12	—	27.3
Payroll and timekeeping clerks.....	—	327	5	22	23	16	29	92	99	36	—	5	42.4
Receptionists.....	—	709	11	68	165	36	67	122	143	32	29	36	35.6
Secretaries.....	10	5 464	50	394	1 220	573	386	967	1 252	323	186	113	36.1
Stenographers.....	—	214	—	7	43	26	24	50	44	14	—	6	36.4
Telephone operators.....	—	930	4	139	230	59	53	164	207	24	30	20	33.1
Typists.....	18	1 666	61	216	371	118	111	294	300	92	84	19	33.0
Other clerical and kindred workers.....	27	4 426	72	364	735	427	327	865	1 030	267	240	99	38.3
Craftsmen and kindred workers	—	1 348	20	54	242	96	117	254	336	101	76	52	40.7
Foremen, n.e.c.....	—	164	—	—	28	10	18	38	37	21	5	7	41.8
Operatives, except transport	47	10 925	56	413	1 990	1 303	901	2 455	2 497	774	388	148	38.3
Assemblers.....	—	1 960	5	70	623	396	165	329	256	69	35	12	28.6
Bottling and canning operatives.....	—	23	—	—	—	—	—	6	13	—	4	—	...
Checkers, examiners, and inspectors, manufacturing.....	—	1 402	—	36	217	170	148	333	400	85	5	8	38.9
Dressmakers and seamstresses, except factory.....	—	161	—	—	9	10	4	10	40	40	37	11	55.9
Laundry and dry cleaning operatives, including ironers.....	10	648	15	14	41	23	21	203	190	90	41	10	45.4
Graders and sorters, manufacturing.....	—	55	—	—	—	7	6	17	14	6	5	—	...
Packers and wrappers, except produce.....	—	773	24	63	69	66	54	216	180	54	43	4	40.1
Sewers and stitchers.....	—	461	—	23	52	11	8	67	172	80	36	12	49.0
Textile operatives.....	—	—	—	—	—	—	—	—	—	—	—	—	...
Other specified operatives.....	30	2 256	8	59	358	268	142	501	571	202	94	53	40.8
Miscellaneous and not specified operatives.....	7	3 186	4	148	621	352	353	773	661	148	88	38	36.5
Manufacturing.....	7	3 000	—	131	610	344	342	742	602	135	67	27	36.0
Durable goods.....	7	2 410	—	108	531	303	269	546	468	100	62	23	34.9
Machinery, including electrical.....	7	733	—	45	145	58	90	201	139	51	4	—	36.4
Other durable goods.....	—	1 677	—	63	386	245	179	345	329	49	58	23	34.0
Nondurable goods, including not specified manufacturing.....	—	590	—	23	79	41	73	196	134	35	5	4	39.0
Food and kindred products.....	—	24	—	—	—	—	—	14	5	5	—	—	...
Apparel and other fabricated textile products.....	—	30	—	—	—	—	—	15	—	6	5	4	...
Nonmanufacturing industries.....	—	186	4	17	11	8	11	31	59	13	21	11	46.9
Transport equipment operatives	—	379	6	9	17	32	63	95	89	47	6	15	41.4
Laborers, except farm	25	789	46	45	86	39	68	168	206	55	35	41	41.6
Farmers and farm managers	—	51	—	—	—	5	—	19	16	7	—	4	...
Farm laborers and farm foremen	11	146	22	6	—	4	18	37	42	9	8	—	41.2
Paid farm laborers and farm foremen.....	11	102	22	6	—	—	12	31	18	9	4	—	38.5
Unpaid family workers.....	—	44	—	—	—	4	6	6	24	—	4	—	...
Service workers, except private household¹	113	12 979	600	902	1 440	922	918	2 636	3 218	1 242	640	461	41.5
Cleaning service workers.....	4	2 040	34	53	39	47	115	394	487	352	193	126	49.9
Chambermaids and maids.....	—	376	13	35	21	31	17	68	106	38	38	9	45.3
Food service workers.....	54	5 458	474	408	436	300	345	1 172	1 390	519	261	153	41.5
Cooks, except private household.....	—	1 497	8	34	59	46	89	309	478	264	119	91	49.3
Waiters and food counter workers.....	43	3 025	376	328	307	243	204	712	609	152	57	35	35.7
Health service workers.....	—	2 743	69	267	532	271	220	523	554	183	75	49	35.2
Nursing aides, orderlies, and attendants.....	—	1 262	33	56	176	112	98	317	303	99	53	15	39.9
Practical nurses.....	—	786	5	43	209	100	83	128	160	31	13	14	32.2
Personal service workers.....	10	1 690	13	102	309	212	151	268	411	109	56	59	37.2
Hairdressers and cosmetologists.....	5	1 186	9	80	284</								

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

YOUNGSTOWN-WARREN SMSA—Continued

Negro

	Persons 14 and 15 years old	Persons 16 years old and over											Median age
		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	
Male employed	43	9 388	208	362	938	844	873	2 230	2 173	762	590	408	41.6
Professional, technical, and kindred workers		301	9	5	25	55	61	78	34	12	11	11	34.6
Engineers		20	—	—	—	4	6	4	6	—	—	—	—
Lawyers and judges		30	—	—	—	—	—	14	3	7	—	6	—
Life and physical scientists		—	—	—	—	—	—	—	—	—	—	—	—
Physicians, dentists, and related practitioners		30	—	—	—	5	3	10	7	—	—	5	—
Health workers, except practitioners		8	—	—	3	—	5	—	—	—	—	—	—
Social and recreation workers		30	—	5	3	9	4	9	—	—	—	—	—
Teachers		40	—	—	—	15	4	15	—	—	6	—	—
Technicians, except health		22	—	—	9	—	5	8	—	—	—	—	—
Writers, artists, and entertainers		29	9	—	4	—	—	—	11	5	—	—	—
Other professional, technical, and kindred workers		92	—	—	10	18	34	18	7	—	5	—	—
Managers and administrators, except farm		177	—	3	17	39	18	25	36	16	13	10	39.6
Salaried		129	—	3	17	39	18	9	31	6	6	—	31.5
Self-employed		48	—	—	—	—	—	16	5	10	7	10	—
Retail trade		25	—	—	—	—	—	7	—	6	—	10	—
All other industries		23	—	—	—	—	—	9	5	4	7	—	—
Sales workers	4	151	6	24	22	—	16	49	20	—	—	—	36.5
Manufacturing and wholesale trade	4	61	6	9	9	—	8	12	12	—	—	—	—
Retail trade		76	—	15	13	—	8	28	8	—	—	—	—
All other industries		14	—	—	—	—	—	9	—	—	—	—	—
Clerical and kindred workers	10	603	12	42	63	82	76	126	123	61	13	5	37.1
Bookkeepers and billing clerks		13	—	—	5	—	—	—	—	—	8	—	—
Mail handlers and postal clerks		137	4	16	3	19	26	33	36	—	—	—	35.2
Other clerical and kindred workers	10	453	8	26	55	63	50	93	87	61	5	5	37.6
Craftsmen and kindred workers		1 540	—	13	127	119	156	503	364	124	72	62	42.1
Carpenters		16	—	—	5	—	4	—	—	5	2	—	—
Construction craftsmen, except carpenters		335	—	—	14	36	10	100	68	49	37	21	46.1
Automobile mechanics, including body repairmen		120	—	—	14	18	18	58	12	—	—	—	36.7
Mechanics and repairmen, except auto		106	—	4	16	6	16	25	35	—	4	—	39.4
Machinists		24	—	—	—	—	—	10	14	—	—	—	—
Metal craftsmen, except mechanics and machinists		171	—	—	—	10	16	70	43	16	10	6	43.5
Foremen, n.e.c.		144	—	—	5	7	17	39	54	12	3	7	45.7
Other craftsmen and kindred workers		624	—	9	73	42	75	201	138	42	16	28	40.6
Operatives, except transport		2 799	19	76	333	241	271	672	735	183	198	71	41.8
Assemblers		102	5	—	20	24	15	20	12	6	—	—	30.7
Garage workers and gas station attendants		45	12	—	—	—	—	17	11	5	—	—	—
Laundry and drycleaning operatives, including ironers		43	2	16	—	5	—	4	11	—	—	—	—
Precision machine operatives		91	—	3	4	13	8	41	22	—	—	—	—
Other operatives, except transport		2 518	—	57	309	199	248	590	679	172	198	66	42.6
Durable goods, manufacturing		2 055	—	40	265	146	183	504	530	143	178	66	42.8
Nondurable goods, including not specified manufacturing		259	—	6	30	45	46	36	88	8	20	—	35.7
Nonmanufacturing industries		204	—	11	14	3	19	50	61	21	20	—	45.0
Transport equipment operatives	2	690	8	32	46	63	21	154	208	45	80	36	46.2
Truck drivers		315	—	—	4	34	12	78	117	11	29	30	47.5
Other transport equipment operatives	2	375	8	32	42	26	9	76	91	34	51	6	44.3
Laborers, except farm	8	2 154	48	114	240	158	214	471	495	248	122	44	41.4
Construction laborers		479	—	—	23	37	45	109	122	101	26	16	47.1
Freight, stock, and material handlers	8	546	24	70	80	29	66	61	148	36	19	13	35.7
Other laborers, except farm		1 129	24	44	137	92	103	301	225	111	77	15	40.5
Manufacturing industries		842	—	31	117	80	68	242	158	85	53	8	40.2
Farmers and farm managers		8	—	—	—	5	—	3	—	—	—	—	—
Farm laborers and farm foremen		18	—	—	5	—	5	—	—	3	—	5	—
Service workers, except private household ¹	19	942	106	53	60	85	35	149	153	70	81	150	43.9
Cleaning service workers	13	516	72	14	25	37	11	83	86	59	45	84	46.9
Food service workers	3	118	19	28	5	9	—	9	—	6	14	28	28.9
Health service workers		30	—	6	8	—	—	9	7	—	—	—	—
Personal service workers		99	15	—	—	11	—	23	17	—	17	16	—
Protective service workers		100	—	—	17	12	15	14	23	5	—	14	—
Private household workers		5	—	—	—	—	—	—	5	—	—	—	—
Farmers and farm managers		8	—	—	—	—	—	—	—	—	—	—	—
Farm laborers and farm foremen		18	—	—	5	—	5	—	—	3	—	5	—
Service workers, except private household ¹	19	942	106	53	60	85	35	149	153	70	81	150	43.9
Cleaning service workers	13	516	72	14	25	37	11	83	86	59	45	84	46.9
Food service workers	3	118	19	28	5	9	—	9	—	6	14	28	28.9
Health service workers		30	—	6	8	—	—	9	7	—	—	—	—
Personal service workers		99	15	—	—	11	—	23	17	—	17	16	—
Protective service workers		100	—	—	17	12	15	14	23	5	—	14	—
Private household workers		5	—	—	—	—	—	—	5	—	—	—	—
Farmers and farm managers		8	—	—	—	—	—	—	—	—	—	—	—
Farm laborers and farm foremen		18	—	—	5	—	5	—	—	3	—	5	—
Service workers, except private household ¹	19	942	106	53	60	85	35	149	153	70	81	150	43.9
Cleaning service workers	13	516	72	14	25	37	11	83	86	59	45	84	46.9
Food service workers	3	118	19	28	5	9	—	9	—	6	14	28	28.9
Health service workers		30	—	6	8	—	—	9	7	—	—	—	—
Personal service workers		99	15	—	—	11	—	23	17	—	17	16	—
Protective service workers		100	—	—	17	12	15	14	23	5	—	14	—
Private household workers		5	—	—	—	—	—	—	5	—	—	—	—
Farmers and farm managers		8	—	—	—	—	—	—	—	—	—	—	—
Farm laborers and farm foremen		18	—	—	5	—	5	—	—	3	—	5	—
Service workers, except private household ¹	19	942	106	53	60	85	35	149	153	70	81	150	43.9
Cleaning service workers	13	516	72	14	25	37	11	83	86	59	45	84	46.9
Food service workers	3	118	19	28	5	9	—	9	—	6	14	28	28.9
Health service workers		30	—	6	8	—	—	9	7	—	—	—	—
Personal service workers		99	15	—	—	11	—	23	17	—	17	16	—
Protective service workers		100	—	—	17	12	15	14	23	5	—	14	—
Private household workers		5	—	—	—	—	—	—	5	—	—	—	—
Farmers and farm managers		8	—	—	—	—	—	—	—	—	—	—	—
Farm laborers and farm foremen		18	—	—	5	—	5	—	—	3	—	5	—
Service workers, except private household ¹	19	942	106	53	60	85	35	149	153	70	81	150	43.9
Cleaning service workers	13	516	72	14	25	37	11	83	86	59	45	84	46.9
Food service workers	3	118	19	28	5	9	—	9	—	6	14	28	28.9
Health service workers		30	—	6	8	—	—	9	7	—	—	—	—
Personal service workers		99	15	—	—	11	—	23	17	—	17	16	—
Protective service workers		100	—	—	17	12	15	14	23	5	—	14	—
Private household workers		5	—	—	—	—	—	—	5	—	—	—	—
Farmers and farm managers		8	—	—	—	—	—	—	—	—	—	—	—
Farm laborers and farm foremen		18	—	—	5	—	5	—	—	3	—	5	—
Service workers, except private household ¹	19	942	106	53	60	85	35	149	153	70	81	150	43.9
Cleaning service													