

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

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

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

	The State											
	Total		Negro		Persons of Spanish language		Urban and rural residence					
							Urban		Rural nonfarm		Rural farm	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total employed, 16 years old and over	1 278 128	738 237	67 838	53 572	14 770	6 415	823 971	510 842	353 567	185 556	100 590	41 839
Professional, technical, and kindred workers	148 458	99 648	3 583	5 835	1 388	846	110 227	72 347	33 950	21 675	4 281	5 626
Accountants	11 529	4 535	136	145	116	23	8 809	3 232	2 350	1 020	370	283
Architects	800	23	11	—	6	—	622	18	178	5	—	—
Computer specialists	3 325	675	60	24	26	—	2 656	495	624	161	45	19
Computer programmers	2 029	449	35	11	12	—	1 636	326	369	109	24	14
Computer systems analysts	1 113	205	15	8	14	—	894	153	214	47	5	5
Computer specialists, n.e.c.	183	21	10	5	—	—	126	16	41	5	16	—
Engineers	25 436	445	192	18	184	12	18 713	313	6 146	120	577	12
Aeronautical and astronautical	549	6	12	—	—	—	423	—	109	6	17	—
Chemical	941	4	—	—	—	4	743	4	179	—	19	—
Civil	2 604	40	12	—	39	—	1 926	27	577	13	101	—
Electrical and electronic	5 528	90	51	4	25	—	4 088	79	1 325	11	115	—
Industrial	5 500	161	59	10	21	8	3 863	103	1 516	51	121	7
Mechanical	4 273	51	26	—	52	—	3 146	22	1 012	24	115	5
Metallurgical and materials	657	9	—	—	6	—	471	5	177	4	9	—
Mining	17	—	—	—	—	—	5	—	8	—	4	—
Petroleum	62	—	5	—	—	—	47	—	15	—	—	—
Sales	1 509	19	—	—	13	—	1 298	19	193	—	18	—
Engineers, n.e.c.	3 796	65	27	4	28	—	2 703	54	1 035	11	58	—
Farm management advisors	155	64	—	5	—	—	60	26	82	25	13	13
Foresters and conservationists	306	11	—	—	7	—	122	5	147	6	37	—
Home management advisors	7	51	—	—	—	—	7	32	—	12	—	7
Lawyers and judges	4 430	212	29	7	61	—	3 629	186	675	26	126	—
Judges	186	—	—	—	—	—	135	—	37	—	74	—
Lawyers	4 244	212	29	7	61	—	3 494	186	638	26	112	—
Librarians, archivists, and curators	600	2 328	9	101	5	12	465	1 755	127	451	8	122
Librarians	541	2 273	9	101	5	12	424	1 704	109	451	8	118
Archivists and curators	59	55	—	—	—	—	41	51	18	—	—	4
Mathematical specialists	360	175	5	15	8	—	310	129	42	42	8	4
Actuaries	102	31	—	—	8	—	102	22	—	5	—	4
Mathematicians	73	27	—	—	—	—	43	22	22	5	8	—
Statisticians	185	117	5	15	—	—	165	85	20	32	—	—
Life and physical scientists	3 754	526	100	9	71	9	2 919	437	744	84	91	5
Agricultural	192	29	—	—	—	9	105	13	69	16	18	—
Atmospheric and space	54	27	—	6	—	—	49	21	5	6	—	—
Biological	524	175	5	—	—	—	391	138	112	32	21	5
Chemists	2 684	270	95	—	57	—	2 131	251	501	19	52	—
Geologists	115	—	—	—	—	—	93	—	22	—	—	—
Marine	7	6	—	—	—	—	7	6	—	—	—	—
Physicists and astronomers	174	14	—	3	14	—	139	3	35	11	—	—
Life and physical, n.e.c.	4	5	—	—	—	—	4	5	—	—	—	—
Operations and systems researchers and analysts	1 524	94	12	5	6	—	1 137	83	339	11	48	—
Personnel and labor relations workers	4 753	1 740	181	104	40	18	3 749	1 394	938	295	66	51
Physicians, dentists, and related practitioners	10 200	891	214	23	141	40	7 795	704	2 144	163	261	22
Chiropractors	295	26	17	—	—	—	202	22	93	4	—	—
Dentists	1 825	51	48	—	6	7	1 467	42	303	9	55	—
Optometrists	524	22	—	—	—	—	453	22	56	—	15	—
Pharmacists	2 489	410	37	10	30	12	1 869	323	596	76	24	11
Physicians, medical and osteopathic	4 436	366	93	13	99	21	3 492	279	850	76	114	11
Podiatrists	88	7	14	—	—	—	66	7	22	—	—	—
Veterinarians	524	5	5	—	6	—	227	5	244	—	53	—
Health practitioners, n.e.c.	19	4	—	—	—	—	19	4	—	—	—	—
Registered nurses, dietitians, and therapists	844	20 150	81	1 010	—	122	642	14 639	187	4 507	15	1 004
Dietitians	55	878	15	169	—	—	45	657	10	180	—	41
Registered nurses	285	18 102	27	756	—	98	215	13 049	62	4 109	10	944
Therapists	504	1 170	39	85	—	24	384	933	115	218	5	19
Health technologists and technicians	1 444	4 564	109	421	33	69	1 180	3 634	235	753	29	177
Clinical laboratory technologists and technicians	538	1 989	61	208	25	26	459	1 604	79	308	7	67
Dental hygienists	10	302	—	5	—	6	10	256	—	40	—	7
Health record technologists and technicians	12	170	7	—	12	—	12	140	—	25	—	—
Radiologic technologists and technicians	336	1 069	—	95	8	10	241	857	77	172	18	40
Therapy assistants	25	73	—	14	—	—	25	65	—	8	—	—
Health technologists and technicians, n.e.c.	523	961	41	99	—	20	433	712	79	200	11	49
Religious workers	6 828	708	273	28	37	—	4 492	536	2 243	143	93	29
Clergymen	6 535	192	268	8	37	—	4 256	149	2 195	34	84	9
Religious workers, n.e.c.	293	516	5	20	—	—	236	387	48	109	9	20
Social scientists	1 147	295	10	14	12	—	932	230	198	54	17	11
Economists	813	82	5	—	5	—	696	61	111	17	6	4
Political scientists	12	—	—	—	—	—	—	—	5	—	—	—
Psychologists	175	197	5	2	7	—	128	153	36	37	11	7
Sociologists	—	—	—	—	—	—	—	—	—	—	—	—
Urban and regional planners	114	16	—	12	—	—	83	16	31	—	—	—
Social scientists, n.e.c.	33	—	—	—	—	—	18	—	15	—	—	—
Social and recreation workers	1 689	2 535	200	445	8	40	1 428	2 099	222	376	39	60
Social	1 166	2 178	140	391	8	40	971	1 823	167	312	11	43
Recreation	523	357	60	54	—	—	457	276	55	64	—	17
Teachers, college and university	10 202	3 569	124	79	166	41	8 474	3 027	1 644	510	84	32
Biology	374	158	10	—	—	—	319	149	50	9	5	—
Chemistry	406	51	—	—	—	—	360	46	46	5	—	—
Engineering	501	31	—	—	—	—	415	19	76	12	10	—
Physics	356	15	4	—	15	—	281	15	75	—	—	—
Other life and physical sciences	209	15	—	—	—	—	180	11	29	4	—	—
Mathematics	630	106	11	—	6	—	510	85	113	15	7	6
Economics	300	14	—	—	—	—	254	14	40	—	6	—
English	634	330	4	—	17	—	547	285	82	38	—	7
History	413	77	—	—	7	—	360	66	53	11	—	—
Miscellaneous social sciences	572	178	11	—	—	—	494	132	68	46	10	—
Other specified teachers	2 607	1 432	31	30	61	19	2 179	1 181	412	236	16	15
Not specified teachers	3 200	1 162	47	49	60	22	2 575	1 024	600	134	25	4

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	The State											
	Total		Negro		Persons of Spanish language		Urban and rural residence					
							Urban		Rural nonfarm		Rural farm	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female		
Professional, technical, and kindred workers—Continued												
Teachers, except college and university	21 638	43 832	811	2 687	197	346	14 179	30 239	6 219	10 397	1 240	3 196
Adult education	448	473	27	38	15	14	350	352	94	95	4	26
Elementary school	6 544	27 287	313	1 661	56	156	4 199	18 478	1 878	6 568	467	2 241
Prekindergarten and kindergarten	48	2 549	6	258	—	10	26	1 832	22	565	—	152
Secondary school	13 867	11 208	433	688	110	135	9 085	7 830	4 037	2 702	745	676
Teachers, except college and university, n.e.c.	731	2 315	32	42	16	31	519	1 747	188	467	24	101
Engineering and science technicians	18 094	2 372	457	93	121	40	12 899	1 673	4 575	611	620	88
Agriculture and biological, except health	1 154	518	56	15	—	13	734	339	346	150	74	29
Chemical	1 287	148	69	18	18	—	1 050	124	215	20	22	4
Draftsmen	6 925	391	100	21	55	5	5 093	343	1 642	43	190	5
Electrical and electronic engineering	2 992	248	66	—	18	7	2 058	126	867	108	67	14
Industrial engineering	737	70	14	9	—	—	523	52	205	18	9	—
Mechanical engineering	655	60	18	10	5	10	463	35	169	25	23	—
Mathematical	6	11	—	—	—	—	6	11	—	—	—	—
Surveyors	785	4	10	—	6	—	439	4	287	—	59	—
Engineering and science, n.e.c.	3 553	922	124	20	19	5	2 533	639	844	247	176	36
Technicians, except health, and engineering and science	2 552	336	28	8	23	—	1 840	242	641	94	71	—
Airplane pilots	593	6	—	—	12	—	382	6	199	—	12	—
Air traffic controllers	545	15	15	—	—	—	416	15	117	—	12	—
Embalmers	235	10	—	5	5	—	177	10	46	—	12	—
Flight engineers	33	—	—	—	—	—	21	—	12	—	—	—
Radio operators	629	165	—	—	6	—	503	120	107	45	19	—
Tool programmers, numerical control	50	11	—	—	—	—	38	7	12	4	—	—
Technicians, n.e.c.	467	129	13	3	—	—	303	84	148	45	16	—
Vocational and educational counselors	1 407	1 034	64	95	13	6	1 009	838	361	155	37	41
Writers, artists, and entertainers	9 073	4 023	254	91	55	32	7 187	3 130	1 704	744	182	149
Actors	40	9	—	—	—	—	40	9	—	—	—	—
Athletes and kindred workers	639	297	16	4	—	—	490	218	123	75	26	4
Authors	238	74	—	—	—	—	179	68	59	6	—	—
Dancers	10	70	—	5	—	—	5	59	—	—	—	—
Designers	1 407	326	8	—	11	—	1 050	231	308	81	49	14
Editors and reporters	1 711	1 188	40	28	12	7	1 447	892	254	258	10	38
Musicians and composers	1 024	763	47	22	9	—	878	677	135	75	11	11
Painters and sculptors	846	521	19	—	—	—	629	368	195	122	22	31
Photographers	1 134	236	6	6	6	8	890	172	228	44	16	20
Public relations men and publicity writers	1 006	362	48	12	11	7	813	304	173	46	20	12
Radio and television announcers	479	19	13	—	—	—	397	14	82	—	—	—
Writers, artists, and entertainers, n.e.c.	539	158	33	14	6	10	369	118	142	30	28	10
Research workers, not specified	1 777	443	5	4	26	4	1 466	389	283	54	28	—
Professional, technical, and kindred workers—allocated	4 584	4 017	218	394	26	32	3 506	2 862	902	854	176	301
Managers and administrators, except farm												
Assessors, controllers, and treasurers; local public administration	522	462	11	12	—	—	272	224	117	165	133	73
Bank officers and financial managers	6 211	1 003	26	5	51	—	4 563	649	1 437	302	211	52
Buyers and shippers, farm products	513	17	5	—	—	—	168	9	176	8	169	—
Buyers, wholesale and retail trade	2 658	1 173	21	9	26	14	1 956	895	609	237	93	41
Credit men	958	433	6	—	40	—	842	351	110	71	6	11
Funeral directors	1 060	120	35	25	13	—	749	77	311	43	—	—
Health administrators	1 056	760	29	49	9	—	792	568	224	159	40	33
Construction inspectors; public administration	254	8	11	4	—	—	204	8	41	—	9	—
Inspectors, except construction, public administration	1 185	111	23	20	15	7	751	54	337	43	97	14
Federal public administration and postal service	929	88	18	20	7	7	573	49	300	25	56	14
State public administration	162	18	—	—	8	—	108	—	26	18	28	—
Local public administration	94	5	5	—	—	—	70	5	11	—	13	—
Managers and superintendents, building	674	386	53	32	6	—	562	370	88	12	24	4
Officers, pilots, and pursers; ship	137	5	—	—	—	—	101	5	29	—	7	—
Officials and administrators; public administration, n.e.c.	2 816	933	74	107	21	—	1 818	673	712	198	286	62
Federal public administration and postal service	1 123	248	40	43	10	—	836	176	177	45	110	27
State public administration	616	115	16	12	—	—	340	109	225	6	51	—
Local public administration	1 077	570	18	52	11	—	642	388	310	147	125	35
Officials of lodges, societies, and unions	1 077	199	93	9	—	—	858	175	173	18	46	6
Postmasters and mail superintendents	595	214	5	4	5	—	209	18	322	182	64	14
Purchasing agents and buyers, n.e.c.	3 651	433	20	16	17	—	2 633	329	858	89	160	15
Railroad conductors	1 657	5	17	—	7	—	1 210	5	393	—	54	—
Restaurant, cafeteria, and bar managers	5 023	2 911	49	141	76	16	3 613	1 878	1 311	906	99	127
Sales managers and department heads, retail trade	4 125	1 570	51	32	9	11	3 108	1 176	935	330	82	64
Sales managers, except retail trade	5 703	207	32	4	30	—	4 421	159	1 191	44	91	4
School administrators, college	779	194	25	5	—	—	590	142	179	47	10	5
School administrators, elementary and secondary	3 147	708	114	58	19	—	1 835	548	1 119	142	193	18
Managers and administrators, n.e.c., salaried												
Construction	56 186	7 289	543	116	320	26	39 734	5 411	14 591	1 577	1 861	301
Manufacturing	5 761	176	48	—	31	—	3 658	114	1 782	57	321	5
Transportation	16 885	879	103	16	85	—	11 838	566	4 588	262	459	51
Communications, and utilities and sanitary services	2 683	288	—	—	6	6	1 919	230	673	54	91	4
Wholesale trade	2 320	309	8	6	33	—	1 681	234	580	65	59	10
	4 976	351	32	—	11	—	3 641	237	1 089	104	246	10
Retail trade	13 933	2 442	138	20	77	7	9 452	1 781	4 022	551	459	110
Hardware, farm equipment, and building material retailing	1 468	75	—	—	6	—	862	51	503	7	103	10
General merchandise stores	1 970	626	23	4	14	—	1 512	444	433	141	25	41
Food stores	2 577	340	40	11	12	—	1 807	240	721	80	49	20
Motor vehicles and accessories retailing	2 371	109	19	—	6	—	1 572	82	740	27	59	—
Gasoline service stations	1 663	35	30	—	21	—	980	5	642	26	41	4
Apparel and accessories stores	806	588	9	—	18	—	674	475	120	97	12	16
Furniture, home furnishings, and equipment stores	1 087	111	—	—	—	—	780	83	299	28	8	—
Other retail trade	1 991	558	10	5	—	—	1 265	401	564	138	162	19
Finance, insurance, and real estate	3 358	607	20	10	16	—	2 822	507	478	64	58	36
Business and repair services	1 780	252	29	—	23	8	1 402	198	346	45	32	9
Personal services	1 631	707	61	24	32	—	1 055	517	496	173	80	17
All other industries	2 859	1 278	104	40	6	5	2 266	1 027	537	202	56	49

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	The State												
	Total		Negro		Persons of Spanish language		Urban and rural residence						
							Urban		Rural nontfarm		Rural farm		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female			
Managers and administrators, except farm—Continued													
Managers and administrators, n.e.c., self-employed	17 441	3 202	382	77	107	19	10 206	1 888	6 412	1 138	823	176	
Construction	3 429	62	124	4	13		1 912	57	1 283	5	234		
Manufacturing	1 193	115	25		8		666	65	442	47	85	9	
Transportation	323	28					163	28	138		22		
Communications, and utilities and sanitary services	56	11	6				36	11	20				
Wholesale trade	1 157	113	4				777	72	351	41	29		
Retail trade	8 476	2 032	133	51	67	15	4 767	1 154	3 351	764	358	114	
Hardware, farm equipment, and building material retailing	709	85		4			340	60	305	25	64		
General merchandise stores	301	147	11	6	6		172	61	115	82	14	4	
Food stores	1 599	674	44	24	33	15	870	323	663	312	66	39	
Motor vehicles and accessories retailing	599	31					322	14	246	17	31		
Gasoline service stations	3 076	88	51		8		1 611	31	1 363	53	102	4	
Apparel and accessories stores	270	262			20		188	165	76	80	6	17	
Furniture, home furnishings, and equipment stores	595	123	7				409	89	170	15	16	19	
Other retail trade	1 327	622	20	17			855	411	413	180	59	31	
Finance, insurance, and real estate	372	42	5		8		300	33	72	9			
Business and repair services	924	120	12	6	6		676	84	233	15	15	27	
Personal services	1 063	517	40	9			599	271	406	214	58	32	
All other industries	448	162	33	7	5	4	310	113	116	49	22		
Managers and administrators, except farm—allocated	3 252	764	123	23	14		2 174	444	948	246	130	74	
Sales workers	74 318	54 593	1 131	1 537	509	403	54 746	39 980	16 979	12 218	2 593	2 395	
Advertising agents and salesmen	986	332	5		6	7	781	229	179	92	26	11	
Auctioneers	112	21					81	9	98	6	36	4	
Demonstrators	112	1 279		34	10		81	763	25	404	6	112	
Hucksters and peddlers	431	3 522		32		9	337	2 012	84	1 230	10	280	
Insurance agents, brokers, and underwriters	10 193	1 227	203	49	110		7 655	1 020	2 247	162	291	45	
Newsboys	1 553	457	35	9			1 257	273	273	180	23	4	
Real estate agents and brokers	3 248	1 588	34	28	6	13	2 381	1 233	733	319	134	36	
Stock and bond salesmen	780	72	6				652	50	123	22	5		
Salesmen and sales clerks, n.e.c.	54 073	42 672	764	1 246	343	327	39 598	31 853	12 537	9 092	1 938	1 727	
Sales representatives, manufacturing industries	9 219	735	51	21	83	4	7 034	564	1 942	51	243	50	
Sales representatives, wholesale trade	13 498	889	123	33	38	8	10 138	659	2 874	195	486	35	
Sales clerks, retail trade	16 596	37 387	426	1 080	152	305	11 857	27 891	4 011	7 961	728	1 522	
Salesmen, retail trade	11 185	1 867	114	46	33	6	7 887	1 307	2 909	494	389	64	
Salesmen of services and construction	3 575	1 797	50	66	37	4	2 682	1 432	801	321	92	44	
Sales workers—allocated	2 727	3 423	84	139	34	47	1 923	2 538	680	709	124	176	
Clerical and kindred workers	83 295	244 393	4 559	12 379	803	2 110	59 988	179 110	20 060	53 782	3 247	11 501	
Bank tellers	789	5 729	20	146			535	3 782	217	1 598	37	349	
Billing clerks	641	2 483	10	73		7	456	1 926	164	463	21	94	
Bookkeepers	6 077	32 210	142	614	39	173	4 206	21 592	1 618	8 418	253	2 200	
Cashiers	1 557	20 756	63	991	3	234	1 133	15 516	374	4 516	50	724	
Clerical assistants, social welfare	10	17		9			10	17					
Clerical supervisors, n.e.c.	1 256	836	34	51	8	7	931	591	279	204	46	47	
Collectors, bill and account	12	445	19	12	19		629	334	146	100	15	11	
Counter clerks, except food	1 880	4 579	50	230	13	50	1 498	3 575	359	863	23	141	
Dispatchers and starters, vehicle	1 265	229	12	19	15		887	191	344	38	34		
Enumerators and interviewers	284	1 083	17	80		7	189	648	68	317	27	118	
Estimators and investigators, n.e.c.	3 628	2 315	85	162			2 816	1 925	728	351	84	39	
Expeditors and production controllers	5 334	1 447	216	104	74	7	3 846	1 048	1 351	339	137	60	
File clerks	1 100	7 238	86	882	7	129	889	5 628	1 74	1 309	37	301	
Insurance adjusters, examiners, and investigators	1 709	560	20	56	22	5	1 356	456	309	83	44	21	
Library attendants and assistants	608	2 543	34	88	14	21	542	1 982	51	424	15	137	
Mail carriers, post office	5 296	475	525	66	24	12	3 474	308	1 437	147	385	20	
Mail handlers, except post office	1 403	1 366	201	130		7	1 093	1 031	281	303	29	32	
Messengers, including telegraph, and office boys	577	237	51	34		11	490	162	84	64	3	11	
Meter readers, utilities	942	32	19		6	7	632	32	275		35		
Office machine operators	2 833	10 480	125	924	46	88	2 126	7 967	601	2 158	106	355	
Bookkeeping and billing machine	142	1 402		88		6	95	983	47	291		128	
Calculating machine	61	861	3	39		16	46	650	15	187		24	
Computer and peripheral equipment	1 462	803	70	55	19	8	1 179	609	256	164	27	30	
Duplicating machine	206	372	6	33	14		154	289	44	72	8	11	
Keypunch	685	6 265	40	637	5	58	461	4 847	169	1 268	55	150	
Tabulating machine	84	159		30			55	131	24	28	5		
Office machine, n.e.c.	193	618	6	42	8		136	458	46	148	17	12	
Payroll and timekeeping clerks	1 567	3 430	112	280	7	32	1 144	2 528	365	761	58	141	
Postal clerks	3 974	2 363	658	636	12	6	2 991	1 424	848	758	135	181	
Proofreaders	168	555	5	24		6	114	424	47	102	7	29	
Real estate appraisers	318	14					256	10	47	4	15		
Receptionists	402	7 135	19	281	6	57	325	5 577	77	1 336		222	
Secretaries	1 343	59 910	18	1 449		421	964	43 816	2 613	13 234	67	2 860	
Shipping and receiving clerks	9 096	1 735	499	82	114	20	6 082	1 224	2 112	454	401	57	
Statistical clerks	2 136	4 050	93	253	30	36	1 659	3 083	402	771	75	196	
Stenographers	54	1 940		91		14	54	1 538		358		44	
Stock clerks and storekeepers	10 265	2 924	510	193	99	33	7 037	2 104	2 774	685	454	135	
Teacher aides, except school monitors	241	2 137	20	241	7	34	200	1 196	36	739	5	202	
Telegraph operators	271	76					152	56	109	16	10	4	
Telephone operators	645	8 589	15	548		63	491	6 781	122	1 525	32	283	
Ticket, station, and express agents	925	471	22	5	12		690	392	210	74	25	5	
Typists	1 136	21 635	41	1 404	32	212	803	16 336	312	4 380	21	919	
Weighers	1 011	699	91	69	18	16	649	422	291	212	71	65	
Miscellaneous clerical workers	3 949	7 772	205	634	45	119	3 082	6 274	713	1 293	154	205	
Not specified clerical workers	4 108	14 104	163	752	76	120	2 901	10 573	1 024	2 948	183	583	
Clerical and kindred workers—allocated	3 707	9 794	349	768	44	114	2 656	6 641	898	2 437	153	716	

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	The State											
	Total		Negro		Persons of Spanish language		Urban and rural residence					
							Urban		Rural nonfarm		Rural farm	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Craftsmen and kindred workers	299 989	17 713	12 287	1 037	3 362	153	189 265	11 035	94 789	5 669	15 935	1 009
Automobile accessories installers.....	143	20	14	5	—	—	123	13	20	7	—	—
Bakers.....	1 324	1 243	108	54	13	9	1 095	840	219	311	10	92
Blacksmiths.....	287	12	—	—	5	—	137	12	123	—	27	—
Boilermakers.....	1 006	17	30	—	34	—	741	17	257	—	8	—
Bookbinders.....	594	714	—	38	8	5	348	525	201	145	45	44
Brickmasons and stonemasons.....	4 890	43	475	15	93	—	3 124	43	1 549	—	217	—
Bulldozer operators.....	2 609	58	234	15	94	—	1 455	55	969	—	185	3
Cabinetmakers.....	2 116	284	6	20	27	7	1 055	117	811	129	250	38
Carpenters.....	20 545	376	286	4	69	7	9 828	211	8 710	126	2 007	39
Carpet installers.....	1 056	11	15	—	—	—	769	5	258	—	29	6
Cement and concrete finishers.....	1 473	20	347	4	14	—	1 026	9	345	11	102	—
Compositors and typesetters.....	3 407	747	56	15	7	6	2 357	476	931	248	119	23
Cranemen, derrickmen, and hoistmen.....	8 928	139	1 868	76	552	9	6 777	114	1 864	20	287	5
Decorators and window dressers.....	659	1 087	19	36	7	5	535	770	110	265	14	52
Dental laboratory technicians.....	346	180	3	10	16	—	305	125	35	48	6	7
Electricians.....	14 639	187	4 753	8	134	3	9 200	103	4 733	78	706	6
Electric power linemen and cablemen.....	2 816	56	31	5	—	12	1 645	24	1 020	32	19	—
Electrotypers and stereotypers.....	180	5	—	—	—	—	136	5	35	—	—	—
Engravers, except photoengravers.....	147	60	7	—	6	—	123	35	19	25	5	—
Excavating, grading, and road machine operators, except bulldozer.....	4 576	41	92	—	44	—	1 743	12	2 998	15	535	14
Floor layers, except tile setters.....	599	11	38	—	26	—	387	5	151	6	61	—
Foremen, n.e.c.....	48 868	3 124	1 160	114	454	—	31 643	2 020	15 170	962	2 055	142
Construction.....	3 754	21	134	—	17	—	2 088	15	1 457	6	209	—
Manufacturing.....	34 397	1 907	755	51	353	—	22 216	1 167	10 745	647	1 436	93
Durable goods.....	27 778	1 012	624	37	304	—	17 837	611	8 825	358	1 116	43
Non-durable goods, including not specified manufacturing.....	6 619	895	91	14	49	—	4 379	556	1 920	289	320	50
Transportation, communications, and other public utilities.....	3 811	139	80	6	56	—	2 631	101	1 061	38	119	—
All other industries.....	6 906	1 057	1 901	57	28	—	4 708	737	1 907	271	291	49
Forgemen and hammermen.....	761	26	80	9	22	—	436	26	236	—	89	—
Furniture and wood finishers.....	459	300	3	—	—	—	269	134	175	141	15	25
Furriers.....	47	12	8	—	12	—	44	12	3	—	—	—
Glaziers.....	550	23	4	—	—	—	402	17	132	6	16	—
Heat treaters, annealers, and temperers.....	1 563	43	175	—	37	—	1 037	24	411	19	115	—
Inspectors, scalers, and graders; log and lumber.....	194	16	4	—	—	—	99	16	86	—	9	—
Inspectors, n.e.c.....	4 052	420	277	82	103	—	3 028	348	804	57	220	15
Construction.....	423	—	17	—	—	—	190	—	144	—	89	—
Railroads and railway express service.....	850	12	18	6	22	—	657	6	173	6	20	—
Jewelers and watchmakers.....	559	108	—	—	—	—	418	63	129	35	12	10
Job and die setters, metal.....	6 112	117	147	—	43	—	3 582	77	1 988	40	542	—
Locomotive engineers.....	2 125	15	64	4	31	—	1 563	4	498	11	64	—
Locomotive firemen.....	1 170	6	25	—	7	—	773	6	354	—	43	—
Machinists.....	11 931	512	355	47	108	—	7 308	328	3 979	164	644	20
Mechanics and repairmen.....	67 436	2 439	2 306	119	543	12	41 397	1 322	22 306	960	3 733	157
Air conditioning, heating, and refrigeration.....	3 394	45	94	—	17	—	2 217	32	1 022	13	157	—
Aircraft.....	957	28	18	4	15	—	579	18	354	—	24	10
Automobile body repairmen.....	3 069	13	126	—	7	—	1 847	8	1 108	5	114	—
Automobile mechanics.....	21 997	414	877	40	177	—	13 288	269	7 489	121	1 220	24
Data processing machine repairmen.....	1 087	15	5	—	12	—	391	10	89	5	7	—
Farm implement.....	1 453	10	9	—	6	—	358	6	464	4	231	—
Heavy equipment mechanics, including diesel.....	19 325	365	549	5	150	6	11 255	222	6 828	120	1 242	23
Household appliance and accessory installers and mechanics.....	3 354	74	86	—	35	—	2 238	41	1 014	33	102	—
Loon fixers.....	4	—	—	—	—	—	—	—	—	—	—	—
Office machine.....	852	13	14	4	—	—	637	9	179	4	36	—
Radio and television.....	3 516	385	186	19	28	—	2 340	191	1 016	177	160	17
Railroad and car shop.....	1 919	31	116	—	33	—	1 338	22	526	9	55	—
Miscellaneous mechanics and repairmen.....	5 134	836	155	37	32	—	3 361	368	1 520	390	253	78
Not specified mechanics and repairmen.....	2 373	210	71	10	31	6	1 548	126	693	79	132	5
Millers; grain, flour, and feed.....	364	—	11	—	—	—	77	—	162	—	125	—
Millwrights.....	4 728	73	216	—	101	—	3 402	39	1 111	28	215	6
Molders, metal.....	3 286	620	604	35	61	20	2 198	297	954	285	134	38
Motion picture projectionists.....	231	17	—	—	—	—	185	8	37	9	—	—
Opticians, and lens grinders and polishers.....	432	181	9	11	19	6	355	129	66	48	11	4
Painters, construction and maintenance.....	6 496	523	324	27	44	—	4 394	313	1 874	179	228	31
Paperhangers.....	253	42	—	—	—	—	193	8	56	23	4	11
Pattern and model makers, except paper.....	1 408	76	42	—	7	—	924	55	431	21	53	—
Photoengravers and lithographers.....	495	85	10	6	7	—	384	75	96	10	15	—
Piano and organ tuners and repairmen.....	222	36	5	—	—	—	150	13	54	18	18	5
Plasterers.....	547	4	59	—	—	—	342	4	184	—	21	—
Plumbers and pipe fitters.....	11 107	128	318	—	94	—	7 195	85	3 481	36	431	7
Power station operators.....	561	16	30	—	7	—	398	6	133	10	30	—
Pressmen and plate printers, printing.....	3 820	422	64	27	36	—	2 360	293	1 291	110	169	19
Rollers and finishers, metal.....	1 715	96	283	6	80	—	1 324	40	345	56	46	—
Roofers and slaters.....	1 450	9	57	—	7	—	973	—	456	9	21	—
Sheetmetal workers and fitters.....	3 341	47	36	—	22	—	2 218	22	994	25	129	—
Shipfitters.....	60	6	—	—	—	—	37	6	17	—	6	—
Shoe repairmen.....	478	127	22	—	—	—	367	70	104	41	7	16
Sign painters and letterers.....	365	68	14	—	—	—	307	44	58	19	5	—
Stationary engineers.....	3 561	102	134	8	60	12	2 524	51	886	51	151	—
Stone cutters and stone carvers.....	321	—	—	—	—	—	122	32	170	14	29	4
Structural metal craftsmen.....	2 917	30	68	—	49	—	1 979	10	847	20	91	—
Tailors.....	351	323	22	41	7	23	271	251	75	58	5	14
Telephone installers and repairmen.....	4 957	224	189	19	22	7	3 447	132	1 361	75	149	17
Telephone linemen and splicers.....	1 431	6	48	—	25	—	878	—	478	6	75	—
Tile setters.....	576	10	29	—	12	—	366	—	175	—	35	—
Tool and die makers.....	10 630	275	58	14	56	—	6 296	145	3 716	120	618	10
Upholsterers.....	1 038	473	39	40	6	—	686	289	300	165	52	19
Craftsmen and kindred workers, n.e.c.....	1 659	237	59	5	27	—	1 102	84	483	124	74	29
Former members of the Armed Forces.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Craftsmen and kindred workers—allocated.....	13 012	926	1 049	94	116	5	8 903	602	3 455	248	654	76

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	The State											
	Total		Negro		Persons of Spanish language		Urban and rural residence					
							Urban		Rural nonfarm		Rural farm	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Operatives, except transport	244 122	125 412	18 600	8 743	3 485	1 180	151 395	75 560	77 953	42 191	14 774	7 661
Asbestos and insulation workers.....	774	4	5	—	—	—	491	4	226	—	57	—
Assemblers.....	24 860	23 453	1 809	1 442	184	138	14 987	13 652	8 308	8 584	1 565	1 217
Blasters and powdermen.....	214	26	19	—	9	—	113	9	91	13	10	4
Bottling and canning operatives.....	952	628	68	50	—	—	641	373	255	222	56	33
Chainmen, rodmen, and axmen; surveying.....	189	—	13	—	—	—	121	—	59	—	9	—
Checkers, examiners, and inspectors; manufacturing.....	18 470	15 519	712	951	188	117	11 636	9 366	5 627	5 221	1 207	932
Clothing ironers and pressers.....	509	2 949	199	610	7	48	448	2 193	61	600	—	156
Cutting operatives, n.e.c.....	4 500	1 541	327	52	109	30	2 900	890	1 369	579	231	72
Dressmakers and seamstresses, except factory.....	91	2 248	10	167	6	23	81	1 692	10	448	—	108
Drillers, earth.....	1 618	142	78	—	—	—	674	72	789	56	155	14
Dry wall installers and lathers.....	934	9	6	—	24	—	603	4	264	5	67	—
Dyers.....	93	49	8	5	—	5	79	30	14	19	—	—
Filters, polishers, sanders, and buffers.....	3 997	1 698	374	49	67	13	2 348	956	1 403	638	246	104
Furnacemen, smeltermen, and pourers.....	4 847	174	1 114	32	215	—	3 514	132	1 204	42	129	—
Garage workers and gas station attendants.....	11 640	283	437	10	43	—	7 121	112	3 853	166	666	5
Graders and sorters, manufacturing.....	335	610	15	42	6	—	213	428	110	154	12	28
Produce graders and packers, except factory and farm.....	75	188	8	—	—	16	26	60	39	107	10	21
Heaters, metal.....	722	12	95	8	77	—	596	12	113	—	13	—
Laundry and drycleaning operatives, n.e.c.....	1 328	3 147	221	651	6	21	1 056	2 391	241	658	31	98
Meat cutters and butchers, manufacturing.....	4 541	327	118	15	39	12	3 041	160	1 332	152	168	15
Meat cutters and butchers, retail trade.....	1 431	295	170	43	5	16	779	189	533	96	119	10
Meat wrappers, retail trade.....	81	996	—	5	—	13	49	639	32	308	—	49
Metal platers.....	1 271	112	70	5	6	6	816	45	379	47	76	20
Milliners.....	5	39	—	4	—	7	—	27	5	12	—	—
Mine operatives, n.e.c.....	1 183	47	45	4	—	—	364	24	722	23	97	—
Mixing operatives.....	2 243	126	182	9	30	—	1 353	70	720	38	170	18
Oilers and greasers, except auto.....	1 416	49	209	7	54	—	935	37	396	5	85	7
Packers and wrappers, except meat and produce.....	6 213	8 896	503	679	86	91	3 931	5 613	1 957	2 787	325	496
Painters, manufactured articles.....	4 325	1 040	294	58	68	6	2 661	622	1 378	348	286	70
Photographic process workers.....	567	732	16	15	7	—	396	600	155	116	16	16
Precision machine operatives	23 197	1 735	1 206	94	196	7	13 948	1 115	7 675	510	1 574	110
Drill press operatives.....	2 758	540	222	18	50	—	1 631	349	988	148	139	43
Grinding machine operatives.....	8 405	381	500	24	82	—	5 116	211	2 652	146	637	24
Lathe and milling machine operatives.....	8 266	353	340	37	34	—	4 950	234	2 773	101	543	18
Precision machine operatives, n.e.c.....	3 768	461	144	15	30	7	2 251	321	1 262	115	255	25
Punch and stamping press operatives.....	7 383	3 289	573	127	57	18	4 787	1 990	2 205	1 117	391	182
Riveters and fasteners.....	545	641	13	16	4	14	316	268	199	298	30	75
Sailors and deckhands.....	133	—	—	—	—	—	95	—	34	—	4	—
Sawyers.....	3 209	714	99	25	34	12	1 461	395	1 386	274	362	45
Sewers and stitchers.....	454	10 304	48	483	9	133	248	5 677	174	3 644	32	983
Shoemaking machine operatives.....	259	575	—	—	5	—	75	137	142	336	42	102
Solderers.....	291	1 522	12	115	12	7	174	980	108	463	9	79
Stationary firemen.....	3 061	55	156	—	68	—	1 899	30	925	20	237	5
Textile operatives.....	326	329	33	11	—	8	166	191	130	104	30	34
Carding, lapping, and combing operatives.....	33	9	5	—	—	—	28	9	5	—	—	—
Knitters, loopers, and topers.....	21	68	—	—	—	—	10	41	11	20	—	7
Spinners, twistlers, and winders.....	53	45	—	—	—	—	20	32	29	13	4	—
Weavers.....	22	52	—	—	—	8	4	15	13	17	5	20
Textile operatives, n.e.c.....	197	155	28	11	—	—	104	94	72	54	21	7
Welders and flamecutters	20 216	1 960	1 543	144	417	13	12 446	1 209	6 581	658	1 189	93
Winding operatives, n.e.c.....	1 344	2 464	42	181	40	45	871	1 399	425	883	48	182
Miscellaneous and not specified operatives.....	72 625	29 508	6 021	1 825	1 292	285	45 102	17 391	23 062	10 257	4 461	1 860
Occupation:												
Machine operatives, miscellaneous specified.....	29 574	13 234	2 410	733	365	114	18 436	7 618	9 305	4 844	1 833	772
Machine operatives, not specified.....	17 979	5 981	1 490	387	246	51	10 775	3 743	6 112	1 865	1 092	373
Miscellaneous operatives.....	15 710	6 689	1 252	453	445	100	10 297	3 903	4 524	2 299	889	487
Not specified operatives.....	9 362	3 604	869	252	236	20	5 594	2 127	3 121	1 249	647	228
Industry:												
Manufacturing	65 525	27 119	5 549	1 623	1 221	277	40 654	15 754	20 867	9 602	4 004	1 763
Durable goods	48 097	17 277	4 594	1 156	979	165	29 680	9 683	15 685	6 423	2 732	1 171
Lumber and wood products, except furniture.....	996	451	27	9	—	8	515	229	381	196	100	26
Furniture and fixtures.....	1 809	1 051	35	43	13	19	846	500	817	471	146	80
Stone, clay, and glass products.....	3 298	895	166	42	42	—	1 903	537	1 157	312	238	46
Primary metal industries.....	12 199	1 204	2 189	162	710	16	9 095	742	2 746	418	358	44
Blast furnaces, steel works, and rolling and finishing mills.....	6 201	192	1 620	108	606	6	5 501	188	619	4	81	—
Fabricated metal industries, including not specified metal.....	4 288	1 513	373	54	71	21	2 669	881	1 359	501	260	131
Machinery, except electrical.....	5 882	997	286	81	14	7	3 156	590	2 281	333	445	74
Electrical machinery, equipment, and supplies.....	6 885	8 060	317	623	43	81	3 987	4 564	2 488	2 988	410	508
Transportation equipment.....	10 548	1 612	1 082	59	79	6	6 187	890	3 734	595	627	127
Motor vehicles and motor vehicle equipment.....	8 046	1 203	846	45	27	—	4 806	672	2 824	440	416	91
Professional and photographic equipment, and watches.....	362	310	16	17	7	—	205	121	139	158	18	31
Ordinance.....	712	379	45	44	—	7	404	199	249	161	59	19
Miscellaneous manufacturing industries.....	972	780	37	18	—	—	620	416	287	284	65	80
Durable goods—allocated.....	146	25	21	4	—	—	93	14	47	6	6	5
Nondurable goods	16 965	9 535	912	444	231	112	10 719	5 911	5 002	3 060	1 244	564
Food and kindred products.....	3 420	1 212	261	83	57	28	2 143	641	934	497	343	74
Tobacco manufactures.....	115	150	4	—	—	—	50	100	36	37	29	13
Apparel and other fabricated textile products.....	241	736	5	47	—	12	152	460	60	214	29	62
Paper and allied products.....	2 746	1 178	98	71	54	7	1 722	866	792	275	232	37
Printing, publishing, and allied industries.....	1 174	1 221	19	49	7	10	712	843	385	315	77	63
Chemicals and allied products.....	3 218	1 004	223	72	33	7	2 160	776	887	210	171	18
Petroleum and coal products.....	941	15	45	4	21	—	801	15	121	—	19	—
Rubber and miscellaneous plastic products.....	4 979	3 653	252	97	59	26	2 915	2 048	1 731	1 335	333	270
Leather and leather products.....	88	349	5	21	—	22	37	162	46	165	5	22
Nondurable goods—allocated.....	43	17	—	—	—	—	27	—	10	12	6	5
Not specified manufacturing industries.....	463	307	43	23	11	—	255	160	180	119	28	28
Nonmanufacturing industries	7 100	2 389	472	202	71	8	4 448	1 637	2 195	655	457	97
Construction.....	768	35	78	—	7	—	433	26	255	4	80	5
Transportation, communications, and other public utilities.....	1 496	72	99	6	38	—	904	66	526	6	66	—
Wholesale and retail trade.....	2 906	1 304	241	125	14	—	1 898	881	819	371	189	52
Business and repair services.....	821	259	26	—	—	—	515	142	257	105	49	12
Public administration.....	429	124	4	15	—	—	203	60	181	59	45	5
All other industries.....	680	595	24	56	12	8	495	462	157	110	28	23
Operatives, except transport—allocated	11 655	6 977	1 717	807	115	76	7 834	4 376	3 262	2 183	559	418

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	The State											
	Total		Negro		Persons of Spanish language		Urban and rural residence					
							Urban		Rural nonfarm		Rural farm	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Transport equipment operatives	78 315	2 992	4 914	211	774	6	48 203	1 807	24 638	825	5 474	360
Boatmen and canalmen.....	42	9	5	—	—	—	19	—	19	4	4	5
Bus drivers.....	3 048	1 117	219	27	28	—	1 659	557	766	334	623	226
Conductors and motormen, urban rail transit.....	18	4	—	—	—	—	18	4	—	—	—	—
Deliverymen and routemen.....	15 957	557	535	44	90	—	10 358	410	4 813	129	786	18
Fork lift and tow motor operatives.....	8 678	232	666	31	141	—	5 407	149	2 732	65	539	18
Motormen; mine, factory, logging camp, etc.....	175	—	89	—	6	—	154	—	21	—	—	—
Parking attendants.....	453	33	26	9	10	—	428	29	19	—	6	4
Railroad brakemen.....	2 264	14	27	5	23	—	1 645	14	543	—	76	—
Railroad switchmen.....	2 631	36	377	4	146	—	2 119	29	456	7	56	—
Toxicab drivers and chauffeurs.....	1 708	252	236	—	15	6	1 478	206	200	42	30	4
Truck drivers.....	39 581	517	2 214	53	264	—	22 400	281	14 080	184	3 101	52
Transport equipment operatives—allocated.....	3 760	221	520	38	51	—	2 518	128	989	60	253	33
Laborers, except farm	83 532	9 412	10 219	1 015	2 250	129	56 818	5 910	22 612	2 964	4 102	538
Animal caretakers, except farm.....	620	357	54	—	—	—	310	201	236	129	74	27
Carpenters' helpers.....	871	38	71	5	27	—	506	24	281	14	84	—
Construction laborers, except carpenters' helpers.....	12 139	310	1 537	39	245	16	7 273	202	4 063	94	803	14
Fishermen and oystermen.....	65	—	—	—	—	—	38	—	27	—	—	—
Freight and material handlers.....	15 253	1 751	1 546	208	395	13	10 156	1 013	4 346	627	751	111
Garbage collectors.....	1 092	24	298	5	19	—	848	7	230	17	14	—
Gardeners and groundskeepers, except farm.....	4 882	178	365	29	58	6	3 092	103	1 532	69	258	6
Longshoremen and stevedores.....	147	8	15	—	18	—	114	4	33	4	—	—
Lumbermen, raftsmen, and woodchoppers.....	727	16	7	—	7	—	152	5	450	11	125	—
Stock handlers.....	16 471	3 299	662	229	238	46	11 644	2 149	4 169	939	658	211
Teamsters.....	232	6	15	—	—	—	97	6	117	—	18	—
Vehicle washers and equipment cleaners.....	3 499	510	622	103	136	—	2 558	315	826	155	115	40
Warehousemen, n.e.c.....	1 651	68	116	—	—	—	1 232	50	353	14	66	4
Miscellaneous and not specified laborers.....	20 248	2 382	3 856	342	1 049	48	14 587	1 510	4 710	760	951	112
Occupation:												
Miscellaneous laborers.....	8 305	640	2 342	123	631	19	6 391	448	1 613	169	301	23
Not specified laborers.....	11 943	1 742	1 514	219	418	29	8 196	1 062	3 097	591	650	89
Industry:												
Manufacturing.....	13 977	1 717	3 102	281	925	36	10 431	1 079	2 987	551	559	87
Durable goods.....	11 856	1 291	2 969	253	908	18	9 108	838	2 351	393	397	60
Lumber and wood products, except furniture.....	264	20	5	—	—	—	123	15	114	—	27	5
Furniture and fixtures.....	227	97	5	4	—	—	159	62	57	26	11	9
Stone, clay, and glass products.....	680	57	51	8	14	—	290	33	366	24	24	—
Primary metal industries.....	6 744	249	2 341	134	850	6	5 987	197	678	47	79	5
Blast furnaces, steel works, and rolling and finishing mills.....	4 807	170	1 860	122	719	6	4 559	170	212	—	36	—
Fabricated metal industries, including not specified metal.....	798	147	142	27	6	—	554	107	215	36	29	4
Machinery, except electrical.....	617	52	51	10	8	—	361	34	196	18	60	—
Electrical machinery, equipment, and supplies.....	648	370	83	52	—	12	395	232	219	119	34	19
Transportation equipment.....	1 513	163	256	4	19	—	1 018	82	382	67	113	14
Motor vehicles and motor vehicle equipment.....	1 092	117	202	4	—	—	743	72	281	35	68	10
Professional and photographic equipment, and watches.....	55	15	4	—	—	—	45	15	10	—	—	—
Ordinance.....	142	55	9	14	—	—	78	33	55	22	9	—
Miscellaneous manufacturing industries.....	90	66	7	—	—	—	40	28	39	34	11	4
Durable goods—allocated.....	78	—	15	—	11	—	58	—	20	—	—	—
Nondurable goods.....	2 059	408	126	25	17	18	1 301	238	610	149	148	21
Food and kindred products.....	976	126	47	10	11	—	501	60	399	56	76	10
Tobacco manufactures.....	14	5	—	—	—	—	14	5	—	—	—	—
Textile mill products.....	24	—	—	—	—	—	19	—	5	—	—	—
Apparel and other fabricated textile products.....	25	33	4	5	6	11	13	28	4	5	8	—
Paper and allied products.....	195	26	—	—	—	—	101	14	89	12	5	—
Printing, publishing, and allied industries.....	107	40	6	—	—	—	87	16	20	24	—	—
Chemicals and allied products.....	289	49	34	—	—	—	209	31	41	18	39	—
Petroleum and coal products.....	78	4	—	—	—	—	78	4	—	—	—	—
Rubber and miscellaneous plastic products.....	297	117	19	10	—	7	230	80	47	26	20	11
Leather and leather products.....	18	8	7	—	—	—	13	—	5	8	—	—
Nondurable goods—allocated.....	36	—	9	—	—	—	36	—	—	—	—	—
Not specified manufacturing industries.....	62	18	7	3	—	—	22	3	26	9	14	6
Nonmanufacturing industries.....	6 271	665	754	61	124	12	4 156	431	1 723	209	392	25
Transportation, communications, and other public utilities.....	2 407	64	367	30	95	6	1 657	43	624	21	126	—
Wholesale and retail trade.....	1 972	221	225	7	16	—	1 313	137	530	74	129	10
Business and repair services.....	383	63	29	—	—	—	246	41	125	22	12	—
Public administration.....	311	18	18	—	6	—	169	9	92	9	50	—
All other industries.....	1 198	299	115	24	7	6	771	201	352	83	75	15
Laborers, except farm—allocated.....	5 635	465	1 055	55	58	—	4 211	321	1 239	131	185	13
Farmers and farm managers	43 456	2 067	128	102	65	7	1 503	223	4 661	173	37 292	1 671
Farmers, owners and tenants.....	40 400	1 822	64	8	59	7	1 069	103	3 773	148	35 558	1 571
Farm managers.....	1 207	61	—	—	—	—	138	7	353	12	716	42
Farmers and farm managers—allocated.....	1 849	184	64	94	6	—	296	113	535	13	1 018	58
Farm laborers and farm foremen	12 989	2 637	178	114	222	99	2 402	459	5 541	784	5 046	1 394
Farm foremen.....	303	67	4	—	30	—	153	23	103	35	47	9
Farm laborers, wage workers.....	10 046	1 229	71	18	192	99	1 711	277	4 955	656	3 380	296
Farm laborers, unpaid family workers.....	1 884	1 093	—	—	—	—	299	31	156	35	1 429	1 027
Farm service laborers, self-employed.....	47	10	—	—	—	—	5	5	25	5	17	—
Farm laborers and farm foremen—allocated.....	709	238	103	96	—	—	234	123	302	53	173	62

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

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

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

	The State												
	Total		Negro		Persons of Spanish language		Urban and rural residence						
	Male	Female	Male	Female	Male	Female	Urban		Rural nonfarm		Rural farm		
						Male	Female	Male	Female	Male	Female	Male	Female
Service workers, except private household	88 460	134 989	10 389	15 919	1 121	1 279	65 710	93 398	19 613	34 333	3 137	7 258	
Cleaning service workers.....	35 007	16 168	5 877	3 514	629	213	24 912	11 806	8 523	3 565	1 572	797	
Chambermaids and maids, except private household.....	160	3 540	27	764	—	45	118	2 454	31	881	11	205	
Cleaners and charwomen.....	3 626	6 716	937	1 808	121	58	2 891	5 218	649	1 186	86	312	
Janitors and sextons.....	31 221	5 912	4 913	942	508	110	21 903	4 134	7 843	1 498	1 475	280	
Food service workers	17 760	59 729	1 281	4 142	175	424	13 938	40 398	3 419	15 963	403	3 368	
Bartenders.....	3 753	1 072	113	25	13	9	2 721	774	917	289	115	9	
Busboys.....	1 588	382	147	91	6	—	1 278	297	279	71	31	14	
Cooks, except private household.....	5 488	19 073	453	1 808	92	106	4 207	11 345	1 115	6 046	166	1 682	
Dishwashers.....	2 167	2 800	184	293	31	6	1 821	1 859	306	769	40	172	
Food counter and fountain workers.....	727	3 353	2	231	8	21	604	2 639	113	584	10	130	
Waiters.....	2 493	26 314	252	915	25	254	2 063	18 346	408	6 916	22	1 052	
Food service workers, n.e.c., except private household.....	1 544	6 735	130	779	—	28	1 244	5 138	281	1 288	19	309	
Health service workers	2 729	28 026	383	4 992	9	315	2 012	19 471	587	7 006	130	1 549	
Dental assistants.....	38	1 726	5	42	7	—	28	1 276	10	355	—	95	
Health aides, except nursing.....	372	2 757	63	396	9	58	285	2 083	71	578	16	96	
Health trainees.....	31	584	—	10	—	11	20	495	5	72	6	17	
Lay midwives.....	3	22	—	—	—	—	3	18	—	—	—	4	
Nursing aides, orderlies, and attendants.....	2 177	18 908	310	3 680	—	203	1 598	12 671	477	5 165	102	1 072	
Practical nurses.....	108	4 029	5	864	—	36	78	2 928	24	836	6	265	
Personal service workers	7 661	20 288	579	1 417	54	189	5 354	13 755	2 003	5 510	304	1 023	
Airline stewardesses.....	9	55	—	10	—	—	9	46	—	—	—	—	
Attendants, recreation and amusement.....	938	268	49	3	9	—	686	231	228	33	24	4	
Attendants, personal service, n.e.c.....	275	1 073	30	177	—	16	223	841	48	190	4	42	
Baggage porters and bellhops.....	226	11	90	—	—	—	198	11	28	—	—	—	
Barbers.....	4 271	163	192	79	22	—	2 768	136	1 302	27	201	—	
Boarding and lodging house keepers.....	39	52	—	—	—	—	22	48	12	4	5	—	
Boatblacks.....	13	13	13	5	—	—	13	13	—	—	—	—	
Child care workers, except private household.....	91	2 647	7	261	9	47	68	1 943	23	640	—	64	
Elevator operators.....	301	257	66	94	7	—	230	247	47	10	24	—	
Hairdressers and cosmetologists.....	649	13 189	24	495	7	90	433	8 388	175	4 055	41	746	
Housekeepers, except private household.....	603	2 088	95	191	—	21	497	1 471	101	464	5	153	
School monitors.....	15	296	—	39	—	8	5	228	10	62	—	6	
Ushers, recreation and amusement.....	193	34	7	5	—	—	173	34	20	—	—	—	
Welfare service aides.....	38	142	6	58	—	7	29	118	9	16	—	8	
Protective service workers	19 987	1 372	1 171	227	178	23	15 304	1 202	4 086	165	597	5	
Crossing guards and bridge tenders.....	545	537	73	96	6	23	426	528	103	9	16	—	
Firemen, fire protection.....	4 325	62	210	—	30	—	3 869	53	399	9	57	—	
Guards and watchmen.....	7 629	391	540	57	41	—	5 264	289	1 964	97	401	5	
Marshals and constables.....	221	11	5	6	9	—	64	6	157	5	—	—	
Policemen and detectives.....	6 567	349	335	64	92	—	5 250	304	1 217	45	100	—	
Sheriffs and bailiffs.....	700	22	8	4	—	—	431	22	246	—	23	—	
Service workers, except private household—allocated.....	5 316	9 406	1 098	1 627	76	115	4 190	6 766	995	2 124	131	516	
Private household workers	514	21 274	102	5 932	6	110	345	14 957	148	4 985	21	1 332	
Occupation:													
Child care workers, private household.....	116	7 253	10	403	—	33	91	4 704	25	2 210	—	339	
Cooks, private household.....	9	358	4	159	—	—	4	293	5	52	—	13	
Housekeepers, private household.....	60	1 823	17	460	—	14	35	1 304	13	400	12	119	
Laundresses, private household.....	10	390	—	28	—	—	10	277	—	99	—	14	
Maids and servants, private household.....	292	9 826	71	3 980	6	58	182	7 049	101	1 991	9	786	
Private household workers—allocated.....	27	1 624	—	902	—	5	23	1 330	4	233	—	61	
Living arrangement:													
Living in.....	43	1 076	4	90	—	13	25	818	18	159	—	99	
Living out.....	471	20 198	98	5 842	6	97	320	14 139	130	4 826	21	1 233	

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Standard metropolitan statistical areas											
	Cincinnati, Ohio- Ky.-Ind.		Fort Wayne		Gary-Hammond-East Chicago		Indianapolis		Louisville, Ky.-Ind.		South Bend	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total employed, 16 years old and over	329 416	193 897	69 979	44 346	158 529	75 908	272 973	171 156	199 711	121 469	69 737	40 371
Professional, technical, and kindred workers	48 497	29 637	11 107	6 246	15 420	11 255	38 368	24 235	23 436	17 939	9 850	5 431
Accountants	4 208	2 012	1 082	240	1 068	381	3 464	1 501	2 275	646	886	204
Architects	382	—	73	—	78	4	323	4	130	10	65	—
Computer specialists	1 328	324	390	43	303	73	1 205	268	562	144	190	46
Computer programmers	745	232	218	26	163	43	691	183	343	139	102	25
Computer systems analysts	528	86	151	17	124	25	436	74	182	5	77	16
Computer specialists, n.e.c.	55	6	21	—	16	5	78	11	37	—	11	5
Engineers	9 880	139	2 763	28	2 677	70	7 504	137	3 662	37	1 756	25
Aeronautical and astronautical	1 182	4	—	—	—	—	369	6	5	—	152	—
Chemical	828	20	35	—	263	—	235	—	243	—	40	—
Civil	903	15	158	—	433	—	880	17	453	9	132	6
Electrical and electronic	1 380	37	1 121	13	395	14	1 524	39	566	11	237	—
Industrial	1 593	28	418	—	630	23	1 466	48	829	11	325	11
Mechanical	1 612	17	494	10	381	5	1 253	7	565	—	408	—
Metallurgical and materials	205	—	66	—	160	5	99	—	32	—	14	—
Mining	—	—	—	—	—	—	—	—	—	—	—	—
Petroleum	5	—	—	—	17	—	6	—	—	—	—	—
Sales	617	—	171	—	141	7	674	4	249	—	144	8
Engineers, n.e.c.	1 555	18	300	5	257	16	998	16	720	6	304	—
Farm management advisors	11	6	12	—	6	—	26	7	—	4	5	—
Foresters and conservationists	24	—	12	—	15	—	34	—	19	—	13	—
Home management advisors	5	19	—	—	7	—	—	17	—	5	—	—
Lawyers and judges	1 671	126	300	11	508	25	1 564	85	977	28	286	13
Judges	27	—	—	—	9	—	29	—	30	—	5	—
Lawyers	1 644	126	300	11	499	25	1 535	85	947	28	281	13
Librarians, archivists, and curators	112	661	19	139	57	235	55	447	48	291	60	175
Librarians	105	647	19	139	45	235	44	443	36	284	53	165
Archivists and curators	7	14	—	—	12	—	11	4	12	7	7	10
Mathematical specialists	124	92	65	22	16	16	186	71	45	43	5	6
Actuaries	17	10	33	11	—	—	59	16	10	10	—	—
Mathematicians	20	15	17	11	6	—	37	—	10	6	6	—
Statisticians	87	67	15	—	10	16	90	55	25	27	5	—
Life and physical scientists	1 552	222	150	21	709	91	1 216	170	668	24	176	10
Agricultural	18	18	—	6	10	—	28	5	34	—	4	—
Atmospheric and space	32	11	5	—	6	5	17	11	5	5	5	5
Biological	184	98	35	15	17	16	262	63	52	9	15	5
Chemists	1 234	90	99	—	662	70	834	88	521	10	130	—
Geologists	15	5	—	—	10	—	17	—	16	—	—	—
Marine	8	—	—	—	—	—	7	—	9	—	—	—
Physicists and astronomers	55	—	11	—	—	—	51	3	31	—	22	—
Life and physical, n.e.c.	6	—	—	—	4	—	—	—	—	—	—	—
Operations and systems researchers and analysts	568	61	109	14	199	19	411	10	258	26	90	—
Personnel and labor relations workers	1 558	625	344	143	563	175	1 395	604	994	377	306	106
Physicians, dentists, and related practitioners	3 796	251	604	24	933	104	3 045	331	2 172	133	588	28
Chiropractors	62	—	27	—	16	—	72	10	75	5	16	—
Dentists	528	5	74	—	185	9	606	25	283	10	98	4
Optometrists	93	—	34	—	45	—	138	16	29	—	20	—
Pharmacists	921	79	136	9	273	42	672	138	476	57	94	9
Physicians, medical and osteopathic	2 007	167	304	15	382	53	1 443	126	1 262	56	322	15
Podiatrists	44	—	5	—	6	—	15	7	4	5	10	—
Veterinarians	141	—	24	—	26	—	80	5	43	—	28	—
Health practitioners, n.e.c.	—	—	—	—	—	—	19	4	—	—	—	—
Registered nurses, dietitians, and therapists	258	5 597	75	1 701	87	2 282	244	4 692	148	3 293	25	1 156
Dietitians	9	217	—	29	5	67	21	258	12	160	10	54
Registered nurses	80	5 193	12	1 591	13	2 064	110	4 073	43	3 003	5	1 034
Therapists	169	187	63	81	69	151	113	361	93	130	10	68
Health technologists and technicians	560	1 207	95	292	142	586	504	1 310	320	1 017	55	313
Clinical laboratory technologists and technicians	236	674	42	94	44	257	224	586	149	506	11	181
Dental hygienists	4	85	—	38	—	17	5	125	—	47	—	15
Health record technologists and technicians	—	—	—	11	—	12	7	46	—	24	—	12
Radiologic technologists and technicians	99	210	37	86	40	216	67	292	39	208	26	38
Therapy assistants	6	10	—	11	—	9	8	18	—	6	—	—
Health technologists and technicians, n.e.c.	215	199	16	52	58	75	193	243	132	226	18	67
Religious workers	1 550	223	359	81	604	45	1 326	169	1 149	118	297	61
Clergymen	1 382	56	334	8	584	8	1 253	55	1 067	21	262	5
Religious workers, n.e.c.	168	167	25	73	20	37	73	114	82	97	35	56
Social scientists	662	207	107	28	62	44	444	104	272	25	86	—
Economists	502	82	103	—	53	—	328	46	189	3	65	—
Political scientists	—	—	—	—	—	—	7	—	—	—	—	—
Psychologists	125	106	4	28	—	26	72	58	35	19	9	—
Sociologists	6	—	—	—	—	—	—	—	—	—	—	—
Urban and regional planners	29	10	—	—	5	12	32	—	40	—	7	—
Social scientists, n.e.c.	—	9	—	—	4	—	5	—	8	3	5	—
Social and recreation workers	587	972	87	163	231	446	471	763	329	736	88	115
Social	462	853	66	140	202	400	329	664	242	625	58	108
Recreation	125	119	21	23	29	46	142	99	87	111	30	7
Teachers, college and university	1 744	667	361	136	530	186	787	401	789	326	913	215
Biology	74	25	6	—	11	27	41	13	51	4	53	—
Chemistry	44	19	30	5	6	—	39	7	48	10	33	5
Engineering	113	10	34	6	35	—	30	9	30	6	92	—
Physics	45	5	14	—	5	—	15	—	59	—	70	4
Other life and physical sciences	19	—	6	—	11	—	8	—	—	—	5	—
Mathematics	62	25	29	—	35	6	13	—	11	11	50	—
Economics	64	—	13	—	5	—	19	—	28	—	24	—
English	110	58	11	16	36	19	22	52	50	63	79	32
History	46	43	11	—	31	4	24	17	23	—	33	15
Miscellaneous social sciences	112	38	36	18	30	—	53	15	35	18	53	21
Other specified teachers	479	258	107	55	160	64	314	196	247	117	226	78
Not specified teachers	576	186	64	36	165	66	209	92	207	97	195	50

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Standard metropolitan statistical areas											
	Cincinnati, Ohio-Ky.-Ind.		Fort Wayne		Gary-Hammond-East Chicago		Indianapolis		Louisville, Ky.-Ind.		South Bend	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Professional, technical, and kindred workers—Continued												
Teachers, except college and university	4 943	12 208	1 254	2 451	2 778	5 322	4 348	10 034	2 620	8 311	1 371	2 358
Adult education	119	124	16	53	41	50	160	135	86	65	11	31
Elementary school	1 366	7 674	401	1 432	732	3 272	1 228	5 919	546	5 191	373	1 360
Prekindergarten and kindergarten	11	790	—	227	5	314	11	672	—	484	—	137
Secondary school	3 217	2 895	776	588	1 886	1 459	2 744	2 771	1 833	2 212	950	636
Teachers, except college and university, n.e.c.	230	725	61	151	114	227	205	537	155	359	37	194
Engineering and science technicians	5 911	724	1 508	123	2 429	258	4 381	567	2 625	488	1 227	104
Agriculture and biological, except health	209	80	8	15	70	16	532	214	74	70	30	15
Chemical	621	141	43	5	359	44	248	35	324	33	68	—
Draftsmen	2 388	155	660	24	739	41	1 693	63	1 123	180	671	28
Electrical and electronic engineering	687	46	471	20	183	5	743	47	369	5	111	—
Industrial engineering	259	4	45	—	138	21	163	22	108	19	37	5
Mechanical engineering	269	—	80	—	170	32	158	6	61	5	59	—
Mathematical	5	—	6	—	—	11	—	—	—	—	—	—
Surveyors	226	5	33	—	91	—	95	—	94	—	15	—
Engineering and science, n.e.c.	1 247	293	162	59	679	88	749	180	472	176	236	56
Technicians, except health, and engineering and science	617	63	192	27	164	60	998	68	385	25	121	17
Airplane pilots	107	—	65	—	17	—	203	—	100	—	38	6
Air traffic controllers	79	8	31	—	4	—	416	11	80	—	17	—
Embalmers	28	10	7	—	23	5	50	—	37	—	6	—
Flight engineers	6	—	—	—	5	—	5	—	—	—	6	—
Radio operators	209	25	47	11	69	38	150	11	113	15	30	6
Tool programmers, numerical control	64	—	—	—	8	7	14	4	—	6	—	—
Technicians, n.e.c.	124	20	42	16	38	10	160	42	55	4	24	5
Vocational and educational counselors	332	285	67	49	107	116	300	181	150	162	142	64
Writers, artists, and entertainers	3 740	1 412	727	235	624	335	2 644	1 120	1 862	744	571	189
Actors	24	5	6	—	—	4	15	5	13	8	—	—
Athletes and kindred workers	182	43	24	15	24	19	177	33	158	47	26	31
Authors	34	59	51	4	5	—	96	38	—	9	19	—
Dancers	—	51	—	—	—	6	5	39	—	14	—	—
Designers	704	124	200	25	82	30	358	91	245	60	82	10
Editors and reporters	463	327	73	52	98	122	518	304	352	153	92	41
Musicians and composers	456	225	63	34	97	73	274	186	218	185	46	52
Painters and sculptors	595	280	69	45	35	11	338	152	255	114	103	23
Photographers	418	59	64	35	105	11	284	65	177	45	81	11
Public relations men and publicity writers	368	162	88	13	114	42	345	161	241	57	84	5
Radio and television announcers	90	11	52	—	34	—	86	—	63	—	34	—
Writers, artists, and entertainers, n.e.c.	406	66	37	12	30	17	148	46	140	52	4	16
Research workers, not specified	396	204	28	5	55	3	274	126	151	97	95	24
Professional, technical, and kindred workers—allocated	1 978	1 330	324	270	468	379	1 219	1 048	826	829	433	202
Managers and administrators, except farm												
Assessors, controllers, and treasurers; local public administration	33 861	5 734	8 150	1 334	10 121	2 240	30 160	5 685	19 589	3 664	6 961	1 110
Bank officers and financial managers	40	20	15	24	74	39	75	68	20	33	24	12
Buyers and shippers, farm products	1 475	223	380	42	582	117	1 536	276	1 074	183	416	38
Buyers, wholesale and retail trade	47	5	16	—	—	12	85	—	15	—	21	—
Buyers, wholesale and retail trade	886	457	213	95	195	68	865	361	656	284	128	71
Credit men	348	133	99	38	102	47	317	93	204	70	63	38
Funeral directors	178	4	62	—	133	34	202	4	100	6	65	—
Health administrators	326	222	60	55	92	49	363	208	179	165	60	58
Construction inspectors; public administration	84	—	21	—	31	4	81	4	72	—	26	—
Inspectors, except construction; public administration	347	35	62	5	28	6	294	29	232	34	40	7
Federal public administration and postal service	244	30	46	—	20	6	225	29	187	34	35	—
State public administration	25	—	—	—	—	—	50	—	11	—	5	7
Local public administration	78	5	16	5	8	—	19	—	34	—	—	—
Managers and superintendents, building	311	146	40	28	85	55	297	187	90	64	26	11
Officers, pilots, and pursers; ship	35	—	5	—	33	—	15	5	23	—	—	—
Officials and administrators; public administration, n.e.c.	812	174	99	35	203	76	796	282	496	54	177	68
Federal public administration and postal service	417	82	59	15	43	15	396	111	325	32	96	21
State public administration	103	21	18	10	31	29	267	51	70	6	15	9
Local public administration	292	71	22	10	129	32	133	120	101	16	66	38
Officials of lodges, societies, and unions	340	41	81	23	150	5	306	51	122	18	73	6
Postmasters and mail superintendents	101	28	10	14	23	4	53	21	33	15	14	—
Purchasing agents and buyers, n.e.c.	1 195	94	334	45	263	47	776	167	649	46	264	12
Railroad conductors	420	—	195	—	157	—	290	—	142	5	19	—
Restaurant, cafeteria, and bar managers	1 529	725	316	140	509	237	1 190	641	890	510	260	175
Sales managers and department heads, retail trade	881	345	329	145	375	186	1 260	380	617	109	254	49
Sales managers, except retail trade	2 222	65	519	33	368	9	2 011	63	911	19	398	17
School administrators, college	204	46	30	4	36	15	90	56	104	17	99	9
School administrators, elementary and secondary	635	290	133	42	330	132	627	162	365	237	164	9
Managers and administrators, n.e.c., salaried												
Construction	17 034	1 942	4 052	420	4 835	624	14 132	1 901	9 905	1 314	3 450	407
Manufacturing	1 454	36	390	5	665	13	1 506	53	1 018	25	317	11
Transportation	6 557	301	1 215	31	1 340	53	3 563	141	2 885	172	1 248	64
Communications, and utilities and sanitary services	1 002	76	248	15	335	29	730	63	569	62	208	8
Wholesale trade	623	66	260	11	147	16	655	120	341	45	96	11
Wholesale trade	1 479	96	427	12	409	19	1 595	117	942	44	358	32
Retail trade	2 813	501	763	124	1 221	228	2 936	520	2 134	455	652	84
Hardware, farm equipment, and building material retailing	179	10	42	9	101	15	246	5	124	15	47	—
General merchandise stores	447	92	142	33	198	49	454	123	371	150	97	21
Food stores	572	112	123	14	289	42	542	95	433	35	104	4
Motor vehicles and accessories retailing	522	22	115	—	206	4	449	29	331	9	142	4
Gasoline service stations	233	9	52	—	105	—	366	5	249	6	48	—
Apparel and accessories stores	158	98	64	29	112	47	193	108	143	156	48	20
Furniture, home furnishings, and equipment stores	223	57	78	—	100	11	260	26	146	21	59	9
Other retail trade	479	101	147	39	110	60	426	129	337	63	107	26
Finance, insurance, and real estate	1 051	207	270	96	241	60	1 490	264	697	96	231	44
Business and repair services	794	166	188	18	201	12	538	93	442	81	148	16
Personal services	344	181	100	47	95	85	368	183	301	158	92	51
All other industries	917	312	191	61	181	109	751	347	576	176	106	86

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Standard metropolitan statistical areas											
	Cincinnati, Ohio- Ky.-Ind.		Fort Wayne		Gary-Hammond-East Chicago		Indianapolis		Louisville, Ky.-Ind.		South Bend	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Managers and administrators, except farm—Continued												
Managers and administrators, n.e.c., self-employed	3 337	473	837	124	1 311	358	3 579	584	2 006	370	761	113
Construction	688	6	200	5	240	4	841	21	432	8	93	12
Manufacturing	227	11	81	6	42	18	279	28	102	26	54	15
Transportation	79	5	5	—	4	12	62	5	27	—	23	6
Communications, and utilities and sanitary services	30	—	—	—	5	—	5	6	15	—	—	—
Wholesale trade	206	19	70	—	80	5	295	22	160	9	42	6
Retail trade	1 362	269	325	53	692	227	1 457	355	857	160	394	63
Hardware, farm equipment, and building material retailing	80	5	17	5	67	7	82	15	59	10	21	4
General merchandise stores	44	16	23	—	18	4	40	36	36	11	23	17
Food stores	415	133	44	17	123	101	270	99	190	62	62	10
Motor vehicles and accessories retailing	68	5	23	—	35	8	83	11	36	—	30	—
Gasoline service stations	408	10	128	—	283	—	562	11	272	—	142	—
Apparel and accessories stores	53	7	13	10	44	24	70	39	33	28	9	5
Furniture, home furnishings, and equipment stores	94	7	39	11	25	16	108	13	49	—	44	—
Other retail trade	200	83	38	10	97	67	242	131	182	49	63	27
Finance, insurance, and real estate	83	4	14	9	44	—	102	4	60	21	15	3
Business and repair services	336	18	66	5	69	11	246	39	161	16	69	—
Personal services	220	114	70	46	104	39	198	81	104	101	42	4
All other industries	106	27	6	—	31	42	94	23	88	29	29	4
Managers and administrators, except farm—allocated	1 074	266	242	22	206	116	920	142	684	111	159	10
Sales workers	26 128	15 926	5 304	3 877	6 207	6 159	21 441	13 078	15 248	9 166	4 912	3 525
Advertising agents and salesmen	337	126	90	21	105	16	293	114	206	39	66	16
Auctioneers	20	—	6	—	—	—	57	10	9	—	4	—
Demonstrators	14	290	19	—	—	99	18	293	5	109	17	73
Hucksters and peddlers	192	488	29	236	30	231	104	698	88	411	35	148
Insurance agents, brokers, and underwriters	3 230	337	699	80	1 018	125	3 120	510	1 884	231	504	63
Newsboys	409	91	129	49	150	26	419	95	472	37	117	6
Real estate agents and brokers	1 156	683	317	70	354	175	932	670	666	373	203	70
Stock and bond salesmen	463	50	90	3	79	21	288	22	244	15	72	6
Salesmen and sales clerks, n.e.c.	19 106	12 748	3 753	3 192	4 252	5 062	15 521	9 788	10 936	7 329	3 743	2 902
Sales representatives, manufacturing industries	3 926	324	665	54	571	61	3 183	157	1 977	121	663	81
Sales representatives, wholesale trade	5 323	240	1 098	58	1 020	81	4 537	301	3 289	187	1 177	89
Sales clerks, retail trade	5 957	11 132	1 005	2 862	1 433	4 492	3 887	8 358	3 075	6 441	1 037	2 475
Salesmen, retail trade	2 564	342	690	98	1 001	183	2 643	454	1 851	223	638	115
Salesmen of services and construction	1 336	710	295	120	227	245	1 271	518	744	357	228	142
Sales workers—allocated	1 201	1 113	172	169	219	404	689	878	738	622	151	241
Clerical and kindred workers	28 163	72 674	5 136	16 694	9 991	28 825	21 737	67 405	16 393	43 728	5 064	14 292
Bank tellers	308	1 239	59	285	79	774	208	1 167	113	713	11	349
Billing clerks	154	888	42	228	115	343	137	712	143	509	32	87
Bookkeepers	2 217	8 357	354	1 981	694	2 856	1 517	7 716	1 261	5 892	343	1 779
Cashiers	791	4 868	100	1 192	121	3 201	342	4 946	496	3 004	84	1 120
Clerical assistants, social welfare	—	4	—	—	—	—	10	6	—	10	—	—
Clerical supervisors, n.e.c.	392	235	65	68	134	60	423	280	256	223	57	24
Collectors, bill and account	295	184	42	51	100	30	305	130	222	120	47	18
Counter clerks, except food	735	1 443	121	280	223	638	505	1 188	419	724	163	306
Dispatchers and starters, vehicle	489	48	96	14	176	42	385	78	201	34	77	21
Enumerators and interviewers	91	232	17	38	10	75	65	199	49	146	9	58
Estimators and investigators, n.e.c.	1 248	817	284	215	355	263	1 214	889	788	444	219	106
Expeditors and production controllers	1 200	399	318	140	1 259	211	1 033	396	767	167	298	26
File clerks	482	2 575	112	506	165	893	339	2 806	382	1 284	80	353
Insurance adjusters, examiners, and investigators	335	169	135	55	160	66	606	310	363	131	160	57
Library attendants and assistants	149	424	18	150	14	283	108	416	49	265	56	202
Mail carriers, post office	1 644	51	331	11	478	117	1 270	156	856	63	298	19
Mail handlers, except post office	532	510	82	88	108	147	530	452	234	237	120	83
Messengers, including telegraph, and office boys	138	106	37	21	73	66	168	39	185	29	36	3
Meter readers, utilities	194	—	60	12	84	15	132	—	115	5	76	5
Office machine operators	1 230	4 143	190	899	301	1 529	863	3 310	557	2 215	216	707
Bookkeeping and billing machine	48	378	4	95	13	168	51	363	45	275	—	105
Calculating machine	38	396	—	100	—	115	16	345	12	238	6	63
Computer and peripheral equipment	672	286	88	79	186	94	419	257	242	200	169	30
Duplicating machine	73	117	36	36	3	72	41	112	15	64	5	3
Key punch	293	2 631	41	562	73	939	208	1 940	136	1 287	31	440
Tabulating machine	17	86	17	—	10	16	31	73	14	15	—	17
Office machine, n.e.c.	89	249	4	27	16	125	97	220	93	136	5	49
Payroll and timekeeping clerks	448	711	37	202	280	344	393	1 094	379	711	113	167
Postal clerks	2 265	555	201	138	257	272	1 256	954	773	338	270	55
Proofreaders	59	178	—	10	9	21	41	175	38	91	10	30
Real estate appraisers	109	5	19	—	6	4	147	6	87	—	10	—
Receptionists	95	2 254	11	515	40	805	52	1 821	38	1 054	13	418
Secretaries	585	19 027	43	4 230	83	6 334	289	15 845	343	10 435	130	3 992
Shipping and receiving clerks	3 327	467	469	101	798	194	2 196	369	1 766	286	509	112
Statistical clerks	814	1 788	151	350	499	570	549	1 375	436	884	105	187
Stenographers	30	838	—	203	12	316	23	636	30	444	6	111
Stock clerks and storekeepers	3 023	722	779	221	1 054	313	2 434	827	1 709	498	614	144
Teacher aides, except school monitors	40	656	—	266	44	297	14	200	35	268	25	88
Telegraph operators	79	20	10	—	36	14	19	22	28	8	—	—
Telephone operators	187	2 429	46	517	90	906	164	2 413	202	1 658	15	616
Ticket, station, and express agents	370	408	53	21	54	30	367	206	174	42	58	21
Typists	519	7 632	46	1 439	237	2 912	294	6 976	285	4 327	74	1 367
Weighers	157	58	29	9	294	108	101	59	249	706	10	—
Miscellaneous clerical workers	1 265	2 385	365	623	536	904	1 073	2 494	939	1 789	236	347
Not specified clerical workers	1 033	2 690	211	1 016	667	1 820	1 137	4 165	644	1 973	136	758
Clerical and kindred workers—allocated	1 134	3 159	203	599	346	1 052	1 028	2 572	782	2 001	348	556

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Standard metropolitan statistical areas											
	Cincinnati, Ohio- Ky.-Ind.		Fort Wayne		Gary-Hammond-East Chicago		Indianapolis		Louisville, Ky.-Ind.		South Bend	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Craftsmen and kindred workers	68 541	3 674	14 519	889	50 805	1 598	60 064	3 504	44 007	2 291	14 675	836
Automobile accessories installers.....	56	—	22	—	22	3	26	7	50	—	9	—
Bakers.....	812	254	116	90	140	117	375	256	293	111	139	123
Blacksmiths.....	28	—	12	—	61	6	49	—	37	—	—	—
Boilermakers.....	150	—	25	—	555	13	65	4	97	—	10	—
Bookbinders.....	121	193	14	5	50	62	149	217	80	189	9	41
Brickmasons and stonemasons.....	927	10	179	4	1 234	16	1 043	8	607	—	171	—
Bulldozer operators.....	425	24	83	—	897	39	237	5	221	—	69	—
Cabinetmakers.....	292	30	75	—	67	10	246	36	310	18	156	20
Carpenters.....	4 471	59	966	5	2 355	6	3 688	56	2 489	32	1 157	24
Carpet installers.....	234	—	90	—	86	—	309	5	167	—	89	—
Cement and concrete finishers.....	521	8	88	—	174	—	467	—	328	5	79	9
Compositors and typesetters.....	1 067	139	172	56	253	44	939	184	523	98	171	19
Cranemen, derrickmen, and hoistmen.....	939	22	128	—	5 164	103	724	—	554	3	234	—
Decorators and window dressers.....	193	318	56	85	94	70	133	277	125	237	47	58
Dental laboratory technicians.....	135	34	28	6	11	11	130	49	62	31	10	19
Electricians.....	3 151	33	653	3	3 204	29	2 333	31	2 213	22	625	5
Electric power linemen and cablemen.....	480	—	12	—	198	14	500	10	251	—	175	—
Electrotypers and stereotypers.....	103	—	3	—	21	5	49	—	66	17	8	—
Engravers, except photoengravers.....	70	10	—	—	12	—	79	31	44	34	—	—
Excavating, grading, and road machine operators; except bulldozer	714	16	114	5	454	—	680	—	367	11	179	9
Floor layers, except tile setters.....	145	—	52	—	30	—	114	5	68	—	36	—
Foremen, n.e.c.....	10 173	927	2 478	118	7 921	289	9 508	718	7 521	499	2 179	116
Construction.....	766	10	190	—	493	4	831	12	605	6	226	—
Manufacturing.....	6 744	621	1 601	40	6 323	157	5 728	291	4 989	247	1 412	60
Durable goods.....	4 284	215	1 323	28	5 574	90	4 445	136	3 141	98	1 140	32
Nondurable goods, including not specified manufacturing.....	2 460	406	278	12	749	67	1 283	155	1 848	149	272	28
Transportation, communications, and other public utilities.....	1 089	17	251	14	497	27	1 005	14	765	6	155	9
All other industries.....	1 574	279	436	64	608	101	1 944	401	1 162	240	386	47
Forgemen and hammermen.....	54	—	49	—	232	14	30	—	49	4	42	—
Furniture and wood finishers.....	122	23	22	—	14	21	69	13	52	4	11	5
Furriers.....	10	—	4	—	12	—	6	12	9	—	8	—
Glaziers.....	189	—	48	—	70	—	142	—	108	—	28	18
Heat treaters, annealers, and temperers.....	148	5	96	12	319	6	412	10	47	—	74	—
Inspectors, scalers, and graders; log and lumber.....	—	—	—	—	6	—	25	5	102	13	5	7
Inspectors, n.e.c.....	874	24	105	25	1 532	147	589	87	506	52	99	4
Construction.....	150	—	—	—	30	—	70	—	71	—	18	—
Railroads and railway express service.....	288	9	37	—	156	6	154	6	109	—	22	—
Jewelers and watchmakers.....	203	28	41	21	44	—	129	16	155	7	17	—
Job and die setters, metal.....	836	4	175	—	298	—	1 654	22	331	—	341	—
Locomotive engineers.....	456	—	109	—	560	4	310	—	353	—	12	—
Locomotive firemen.....	209	—	134	6	149	—	163	—	39	—	25	—
Machinists.....	2 554	71	616	27	1 734	30	2 577	102	1 544	25	581	39
Mechanics and repairmen.....	15 871	242	3 515	206	9 145	94	14 519	343	10 740	149	3 469	68
Air conditioning, heating, and refrigeration.....	918	4	140	—	282	—	951	13	599	6	130	5
Aircraft.....	412	18	37	—	26	—	515	9	157	5	80	5
Automobile body repairmen.....	718	16	146	—	378	—	641	—	387	4	205	—
Automobile mechanics.....	5 244	62	1 614	26	2 264	17	5 114	95	3 162	28	1 307	26
Data processing machine repairmen.....	230	—	29	—	73	—	166	6	87	—	27	—
Farm implement.....	111	—	21	—	57	—	174	—	52	—	34	—
Heavy equipment mechanics, including diesel.....	4 200	51	619	66	3 253	35	3 183	57	3 165	46	763	9
Household appliance and accessory installers and mechanics.....	793	34	178	5	357	—	850	12	576	16	272	6
Loom fixers.....	—	—	—	—	—	—	4	—	9	11	—	—
Office machine.....	364	12	95	—	70	—	284	13	143	—	82	—
Radio and television.....	740	15	259	23	450	5	848	43	614	17	182	6
Railroad and car shop.....	484	—	49	—	402	—	412	5	530	5	86	—
Miscellaneous mechanics and repairmen.....	1 345	21	171	53	1 132	32	995	61	985	11	199	—
Not specified mechanics and repairmen.....	312	9	157	33	401	5	382	29	274	—	102	11
Millers; grain, flour, and feed.....	10	—	10	—	4	—	56	—	20	—	17	—
Millwrights.....	659	27	68	—	2 226	23	657	20	349	5	144	—
Molders, metal.....	465	37	179	16	318	28	526	105	192	17	203	51
Motion picture projectionists.....	106	—	6	—	32	—	34	—	36	—	11	—
Opticians, and lens grinders and polishers.....	222	51	54	10	59	19	173	63	131	54	35	29
Painters, construction and maintenance.....	2 031	83	342	5	663	19	1 647	98	1 565	67	292	22
Paperhangers.....	110	8	3	—	20	—	80	8	73	—	8	—
Pattern and model makers, except paper.....	365	4	111	—	104	—	402	33	173	15	67	—
Photoengravers and lithographers.....	449	43	30	6	59	12	168	14	288	33	30	9
Piano and organ tuners and repairmen.....	57	—	9	—	8	5	44	4	38	—	17	—
Plasterers.....	225	16	43	—	47	—	124	4	93	—	37	—
Plumbers and pipe fitters.....	2 855	14	471	—	2 475	26	2 165	4	2 084	13	521	17
Power station operators.....	101	4	15	—	137	6	113	—	35	6	6	6
Pressmen and plate printers, printing.....	2 194	221	161	16	147	16	1 015	116	1 145	153	223	43
Rollers and finishers, metal.....	53	5	44	—	1 192	15	51	6	32	5	12	11
Roofers and slaters.....	436	6	60	—	128	—	360	—	285	9	81	—
Sheetmetal workers and tinsmiths.....	1 149	15	168	5	484	—	897	12	708	4	215	6
Shipfitters.....	—	—	—	—	—	—	4	—	64	—	—	—
Shoemaker.....	129	56	17	7	32	9	141	5	102	—	21	4
Sign painters and letterers.....	125	18	7	—	27	—	105	5	86	19	15	—
Stationary engineers.....	1 116	13	246	7	883	38	446	—	481	9	190	—
Stone cutters and stone carvers.....	30	5	4	—	6	—	14	—	5	11	—	—
Structural metal craftsmen.....	511	18	92	—	1 124	9	434	—	255	—	157	—
Tailors.....	277	102	50	16	67	35	65	103	100	75	31	5
Telephone installers and repairmen.....	1 649	19	423	37	464	5	1 479	99	760	15	328	5
Telephone linemen and spicers.....	261	6	81	—	132	—	329	—	173	4	67	—
Tile setters.....	167	3	41	—	53	5	189	5	139	16	50	—
Tool and die makers.....	1 541	49	593	40	535	19	2 359	42	611	5	588	8
Upholsterers.....	396	71	14	—	71	70	190	46	183	35	40	11
Craftsmen and kindred workers, n.e.c.....	629	134	113	10	396	10	232	15	579	39	67	—
Former members of the Armed Forces.....	—	—	—	—	—	—	—	—	—	—	—	—
Craftsmen and kindred workers—allocated.....	3 490	165	636	40	1 794	76	3 097	184	2 714	121	938	34

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Standard metropolitan statistical areas											
	Cincinnati, Ohio-Ky.-Ind.		Fort Wayne		Gary-Hammond-East Chicago		Indianapolis		Louisville, Ky.-Ind.		South Bend	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Operatives, except transport	55 442	23 239	11 794	6 102	28 911	7 133	44 187	21 376	36 918	18 274	12 481	5 948
Asbestos and insulation workers	189	5	73	—	114	—	229	—	166	5	53	—
Assemblers	8 322	3 468	1 489	1 337	980	558	4 083	4 318	6 296	2 413	1 661	814
Blasters and powdermen	—	—	—	—	29	—	—	3	111	19	3	—
Bottling and canning operatives	485	382	138	10	32	38	161	96	209	393	60	48
Chainmen, rodmen, and axmen; surveying	91	—	12	—	9	—	40	—	20	—	17	—
Checkers, examiners, and inspectors; manufacturing	3 515	2 239	1 200	665	1 652	705	3 552	2 680	2 205	2 517	985	436
Clothing ironers and pressers	362	689	52	191	55	325	170	503	120	709	9	209
Cutting operatives, n.e.c.	1 391	315	182	53	886	96	573	144	624	100	227	83
Dressmakers and seamstresses, except factory	27	620	13	157	10	209	21	400	32	562	9	142
Drillers, earth	307	25	74	15	40	4	336	12	111	6	66	5
Dry wall installers and lathers	282	—	107	—	70	—	333	—	207	4	74	—
Dyers	36	10	—	—	5	—	18	16	20	—	23	—
Filers, polishers, sanders, and buffers	931	77	118	35	124	54	878	223	612	88	193	63
Furnacemen, smeltermen, and pourers	354	15	148	10	1 959	60	519	13	151	—	115	16
Garage workers and gas station attendants	2 439	72	638	12	1 112	4	2 563	48	1 468	41	613	22
Graders and sorters, manufacturing	55	337	19	—	75	135	81	144	85	82	17	26
Produce graders and packers, except factory and farm	28	22	—	—	4	6	—	30	9	30	—	—
Heaters, metal	31	4	15	—	373	12	19	—	24	—	15	—
Laundry and drycleaning operatives, n.e.c.	330	773	113	242	103	316	286	700	231	704	119	314
Meat cutters and butchers, except manufacturing	1 453	60	217	18	570	14	858	62	655	38	396	29
Meat cutters and butchers, manufacturing	479	30	43	—	56	—	235	33	302	47	17	23
Meat wrappers, retail trade	31	151	—	47	—	148	6	160	9	90	—	83
Metal platers	232	50	28	5	62	—	340	12	136	—	65	5
Milliners	—	22	—	5	—	6	—	6	—	—	—	—
Mine operatives, n.e.c.	67	4	11	4	49	—	76	15	61	22	18	—
Mixing operatives	737	13	111	—	327	5	291	15	578	56	137	10
Oilers and greasers, except auto	273	5	37	6	430	12	194	5	253	11	24	7
Packers and wrappers, except meat and produce	1 922	3 247	329	431	359	901	1 173	1 591	1 489	1 814	343	366
Painters, manufactured articles	1 192	92	233	16	395	50	587	152	755	70	283	32
Photographic process workers	226	251	42	115	64	165	148	132	201	103	43	37
Precision machine operatives	5 721	314	1 392	91	1 639	120	6 097	402	1 308	69	1 593	117
Drill press operatives	752	156	164	50	131	46	630	107	207	11	210	39
Grinding machine operatives	1 623	34	455	11	848	45	2 059	62	435	37	710	6
Lathe and milling machine operatives	2 297	74	530	20	486	19	2 308	73	499	21	405	14
Precision machine operatives, n.e.c.	1 049	50	243	10	174	10	1 100	160	167	—	268	58
Punch and stamping press operatives	1 290	358	209	83	547	157	1 567	538	787	184	545	174
Riveters and fasteners	109	58	4	9	63	59	71	57	94	56	80	24
Sailors and deckhands	43	—	—	—	57	—	11	—	46	6	—	—
Sawyers	361	33	44	—	206	53	254	46	407	39	120	54
Sewers and stitchers	266	2 141	8	164	34	738	71	963	105	2 613	18	727
Shoemaking machine operatives	194	208	—	—	—	—	4	—	13	6	4	—
Solderers	30	136	6	217	31	—	59	380	6	33	14	32
Stationary firemen	726	26	98	—	459	3	462	13	686	—	129	—
Textile operatives	107	111	18	12	41	11	49	22	44	42	5	68
Carding, lapping, and combing operatives	7	—	—	—	16	—	4	—	—	—	—	—
Knitters, loopers, and topers	—	5	—	—	5	—	10	—	10	—	—	37
Spinners, twistlers, and winders	5	31	4	12	5	—	5	—	14	9	—	5
Weavers	10	28	—	—	—	—	—	—	6	9	—	5
Textile operatives, n.e.c.	85	47	14	—	15	11	30	16	14	24	5	21
Welders and flamecutters	3 660	343	710	154	4 069	154	3 038	295	2 784	119	1 077	25
Winding operatives, n.e.c.	242	107	130	377	113	26	134	459	134	7	20	41
Miscellaneous and not specified operatives	13 627	4 833	3 101	1 273	10 271	1 492	11 964	5 199	11 338	3 836	2 710	1 522
Occupation:	6 086	2 283	1 229	447	3 809	613	4 999	2 044	4 591	1 605	1 225	784
Machine operatives, miscellaneous specified	2 764	953	834	228	1 462	301	3 600	1 366	2 987	645	506	230
Machine operatives, not specified	3 075	1 081	608	368	3 396	400	2 210	925	2 420	974	601	363
Miscellaneous operatives	1 702	516	430	230	1 604	178	1 155	864	1 340	612	378	145
Industry:	11 906	4 255	2 731	1 192	9 593	1 320	10 181	4 419	10 303	3 456	2 424	1 422
Manufacturing	6 010	1 461	1 907	877	7 806	804	6 797	2 849	5 410	1 271	1 647	609
Durable goods	168	13	14	9	11	4	59	36	506	137	33	45
Lumber and wood products, except furniture	350	157	11	11	53	106	93	41	124	63	33	23
Furniture and fixtures	321	29	15	9	298	43	315	58	149	53	15	11
Stone, clay, and glass products	605	74	540	83	6 071	247	346	20	507	64	178	28
Primary metal industries	220	3	164	—	5 218	182	44	6	10	—	28	—
Blast furnaces, steel works, and rolling and finishing mills	970	129	46	16	659	74	456	265	631	100	199	88
Fabricated metal industries, including not specified metal	1 337	149	278	36	247	23	1 317	386	1 024	105	426	79
Machinery, except electrical	575	418	534	621	21	94	870	1 682	1 196	190	98	168
Electrical machinery, equipment, and supplies	1 169	67	413	81	348	136	3 051	1 777	304	—	595	91
Transportation equipment	785	31	407	70	194	126	2 324	149	268	—	364	27
Motor vehicles and motor vehicle equipment	32	73	14	11	—	19	47	37	11	5	8	6
Professional and photographic equipment, and watches	20	14	7	—	12	17	—	18	715	480	27	7
Ordnance	416	327	20	—	40	41	224	125	207	69	31	63
Miscellaneous manufacturing industries	47	11	15	—	46	—	19	4	36	5	4	—
Durable goods—allocated	5 793	2 766	791	315	1 766	479	3 315	1 531	4 806	2 153	766	793
Non-durable goods	1 273	248	243	61	241	78	680	83	1 066	371	145	80
Food and kindred products	3	4	—	—	—	—	10	—	1 113	926	—	—
Tobacco manufacturers	126	253	—	9	9	59	23	54	9	186	14	40
Apparel and other fabricated textile products	1 358	667	110	66	180	94	541	330	445	157	54	52
Paper and allied products	540	657	50	40	78	131	229	248	303	308	31	129
Printing, publishing, and allied industries	1 500	278	15	16	471	56	938	444	1 592	74	55	33
Chemicals and allied products	222	6	4	—	746	15	71	—	64	—	—	—
Petroleum and coal products	712	461	363	120	36	35	815	331	147	108	467	438
Rubber and miscellaneous plastic products	40	175	—	3	—	11	8	41	38	9	—	13
Leather and leather products	19	17	6	—	5	—	—	—	29	14	—	8
Non-durable goods—allocated	103	28	33	—	21	37	69	39	87	32	11	20
Not specified manufacturing industries	1 721	578	370	81	678	172	1 783	780	1 035	380	286	100
Nonmanufacturing industries	131	—	29	—	116	5	153	6	53	15	26	—
Construction	413	—	59	11	185	10	400	36	310	20	54	—
Transportation, communications, and other public utilities	736	256	190	42	253	78	880	488	392	178	109	76
Wholesale and retail trade	232	89	21	11	9	32	174	37	165	59	30	—
Business and repair services	34	46	4	—	—	—	69	31	79	—	6	—
Public administration	175	187	67	17	58	47	107	182	36	108	61	24
All other industries	3 279	1 566	632	348	1 437	497	2 636	1 489	2 026	1 340	581	394
Operatives, except transport—allocated												

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Standard metropolitan statistical areas											
	Cincinnati, Ohio— Ky.—Ind.		Fort Wayne		Gary—Hammond—East Chicago		Indianapolis		Louisville, Ky.—Ind.		South Bend	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Transport equipment operatives	21 058	805	4 018	244	9 372	515	16 451	644	14 278	621	4 466	137
Bootmen and canalmen.....	4	—	—	—	10	—	5	4	6	—	—	—
Bus drivers.....	1 054	375	118	116	371	205	762	251	574	292	216	61
Conductors and motormen, urban rail transit.....	22	—	—	—	—	4	18	—	6	—	—	—
Deliverymen and routemen.....	5 045	138	847	54	1 624	87	3 590	120	3 299	96	1 256	14
Fork lift and low motor operatives.....	1 806	22	486	—	760	30	1 623	49	1 962	34	571	4
Motormen; mine, factory, logging camp, etc.....	12	—	—	—	130	—	15	—	10	—	—	—
Parking attendants.....	360	14	53	—	55	—	165	13	247	4	37	—
Railroad brakemen.....	519	5	205	—	111	—	451	5	249	—	9	—
Railroad switchmen.....	582	5	86	4	1 460	14	196	9	553	4	35	3
Taxicab drivers and chauffeurs.....	808	66	50	29	164	64	570	36	460	37	125	25
Truck drivers.....	9 577	136	1 969	35	4 265	79	8 253	115	5 990	111	1 991	22
Transport equipment operatives—allocated.....	1 269	44	204	6	422	32	803	42	922	43	226	8
Laborers, except farm	19 352	1 944	3 813	565	15 529	945	15 111	1 975	13 682	1 601	4 679	441
Animal caretakers, except farm.....	165	72	15	33	31	10	115	103	87	44	37	52
Carpenters' helpers.....	262	—	24	—	110	—	196	9	180	5	41	11
Construction laborers, except carpenters' helpers.....	2 890	33	452	7	1 865	20	2 217	89	1 784	48	528	11
Fishermen and oystermen.....	7	12	—	—	4	—	16	—	—	—	—	—
Freight and material handlers.....	4 322	313	680	85	2 649	157	3 016	328	3 278	389	750	53
Garbage collectors.....	355	5	46	—	181	—	212	7	257	6	103	6
Gardeners and groundskeepers, except farm.....	1 663	87	261	13	474	—	954	55	801	24	233	3
Longshoremans and stevedores.....	8	—	12	—	44	—	26	—	9	—	13	—
Lumbermen, raftsmen, and woodchoppers.....	71	—	11	—	—	—	52	—	24	14	19	—
Stock handlers.....	3 486	850	1 258	210	1 977	312	3 551	817	2 425	500	1 079	148
Teamsters.....	69	—	—	—	12	—	16	—	5	—	—	—
Vehicle washers and equipment cleaners.....	1 167	96	142	26	489	73	762	70	691	73	216	14
Warehousesmen, n.e.c.....	463	—	77	6	109	—	557	33	498	16	166	4
Miscellaneous and not specified laborers.....	2 882	328	595	162	6 760	338	2 325	352	2 739	383	694	120
Occupation:												
Miscellaneous laborers.....	860	81	214	87	3 966	143	742	79	706	96	215	19
Not specified laborers.....	2 022	247	381	75	2 794	195	1 583	273	2 033	287	479	101
Industry:												
Manufacturing.....	1 471	152	275	126	6 039	279	1 124	217	1 737	239	401	53
Durable goods.....	901	78	215	97	5 807	257	843	159	1 123	123	280	35
Lumber and wood products, except furniture.....	19	—	—	—	11	—	14	4	109	6	19	—
Furniture and fixtures.....	39	5	—	—	9	14	4	12	44	4	—	—
Stone, clay, and glass products.....	39	12	4	—	78	9	57	4	61	—	12	—
Primary metal industries.....	176	7	73	10	5 215	178	139	—	54	9	57	5
Blast furnaces, steel works, and rolling and finishing mills.....	82	7	59	—	4 488	166	10	—	6	—	5	—
Fabricated metal industries, including not specified metal.....	177	16	20	—	292	37	58	26	153	18	17	5
Machinery, except electrical.....	177	4	23	4	27	—	92	23	211	—	61	10
Electrical machinery, equipment, and supplies.....	60	6	36	72	—	—	43	53	121	12	—	—
Transportation equipment.....	175	—	55	11	135	—	392	18	97	—	104	10
Motor vehicles and motor vehicle equipment.....	98	—	50	11	56	—	354	12	81	—	58	—
Professional and photographic equipment, and watches.....	—	5	—	—	7	—	17	9	5	—	—	—
Ordnance.....	5	—	—	—	—	19	—	5	196	68	—	—
Miscellaneous manufacturing industries.....	29	23	—	—	—	—	12	5	68	6	4	5
Durable goods—allocated.....	5	—	4	—	33	—	15	—	4	—	6	—
Nondurable goods.....	561	74	56	20	215	22	281	58	608	116	121	18
Food and kindred products.....	215	10	34	9	37	5	150	16	227	24	27	—
Tobacco manufactures.....	—	—	—	—	—	—	—	—	181	70	—	—
Textile mill products.....	12	6	—	—	—	—	—	—	—	—	—	—
Apparel and other fabricated textile products.....	—	16	—	—	4	13	4	6	—	—	4	—
Paper and allied products.....	117	—	9	—	11	—	13	8	14	—	6	—
Printing, publishing, and allied industries.....	32	11	3	11	27	—	14	—	19	—	—	5
Chemicals and allied products.....	97	16	4	—	41	—	39	6	144	15	5	5
Petroleum and coal products.....	28	—	—	—	75	4	—	—	—	—	—	—
Rubber and miscellaneous plastic products.....	48	15	6	—	15	—	46	22	4	7	79	8
Leather and leather products.....	6	—	—	—	—	—	—	—	13	—	—	—
Nondurable goods—allocated.....	6	—	—	—	5	—	15	—	6	—	—	—
Not specified manufacturing industries.....	9	—	4	9	17	—	—	—	6	—	—	—
Nonmanufacturing industries.....	1 411	176	320	36	721	59	1 201	135	1 002	144	293	67
Transportation, communications, and other public utilities.....	458	—	129	4	322	16	409	23	385	19	82	—
Wholesale and retail trade.....	473	74	126	3	170	11	436	53	340	38	104	11
Business and repair services.....	82	24	4	4	73	5	77	6	106	12	15	23
Public administration.....	84	6	—	—	16	—	37	4	37	8	5	—
All other industries.....	314	72	61	25	140	27	242	49	134	67	87	33
Laborers, except farm—allocated.....	1 542	148	240	23	824	35	1 096	112	904	99	800	19
Farmers and farm managers	1 878	189	1 070	40	861	47	4 088	266	884	82	1 100	83
Farmers, owners and tenants.....	1 634	144	993	40	771	31	3 761	152	686	74	1 018	67
Farm managers.....	98	6	23	—	14	—	111	13	36	—	27	—
Farmers and farm managers—allocated.....	146	39	54	—	76	16	216	101	162	8	55	16
Farm laborers and farm foremen	1 024	271	194	57	399	94	1 323	300	652	126	391	143
Farm foremen.....	11	—	22	—	—	6	38	13	20	4	9	5
Farm laborers, wage workers.....	776	122	142	28	279	15	1 061	119	482	24	295	57
Farm laborers, unpaid family workers.....	124	51	20	25	78	40	158	102	68	49	67	71
Farm service laborers, self-employed.....	—	—	—	—	5	—	5	5	—	29	—	—
Farm laborers and farm foremen—allocated.....	113	98	10	4	37	33	61	61	82	20	20	10

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

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

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

	Standard metropolitan statistical areas											
	Cincinnati, Ohio-Ky.-Ind.		Fort Wayne		Gary-Hammond-East Chicago		Indianapolis		Louisville, Ky.-Ind.		South Bend	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Service workers, except private household	25 101	32 936	4 854	7 314	10 884	15 273	19 910	27 980	14 411	19 670	5 136	7 459
Cleaning service workers	9 184	4 191	1 810	763	4 656	2 512	7 396	3 159	5 221	2 919	1 906	1 205
Chambermaids and maids, except private household	79	1 076	6	166	10	309	28	783	25	772	4	284
Cleaners and charwomen	1 454	2 037	174	331	924	698	869	1 563	990	1 275	213	589
Janitors and sextons	7 651	1 078	1 630	266	3 722	1 505	6 499	813	4 206	872	1 689	332
Food service workers	5 845	13 897	1 196	3 127	1 710	6 651	3 984	11 632	2 948	7 845	1 101	3 346
Bartenders	1 308	186	242	33	455	144	696	174	687	76	217	77
Busboys	544	171	131	9	198	70	457	133	298	60	108	30
Cooks, except private household	1 925	3 597	446	936	571	1 975	1 338	3 220	1 023	2 224	380	786
Dishwashers	735	499	155	88	166	305	496	400	324	176	180	182
Food counter and fountain workers	161	843	29	138	88	370	183	877	91	645	35	199
Waiters	646	6 582	94	1 526	131	2 982	413	5 281	301	3 557	88	1 728
Food service workers, n.e.c., except private household	526	2 019	99	397	101	805	401	1 547	224	1 107	93	344
Health service workers	877	7 473	173	1 900	147	2 603	636	6 167	430	4 125	107	1 311
Dental assistants	9	466	—	92	—	157	7	463	20	288	—	122
Health aides, except nursing	133	653	15	199	44	287	70	694	45	402	17	148
Health trainees	13	296	—	81	—	6	22	165	—	137	—	58
Lay midwives	—	6	—	—	—	—	—	—	—	8	—	5
Nursing aides, orderlies, and attendants	689	4 047	158	1 319	103	1 599	484	3 737	346	2 470	90	818
Practical nurses	33	2 005	—	209	—	554	53	1 108	19	820	—	160
Personal service workers	2 333	4 544	384	1 045	827	2 132	1 764	4 288	1 433	2 961	416	1 023
Airline stewardesses	10	6	—	—	—	—	4	41	—	5	—	—
Attendants, recreation and amusement	272	110	44	—	105	69	152	32	147	49	51	16
Attendants, personal service, n.e.c.	127	186	5	25	61	217	61	299	45	91	15	40
Baggage porters and bellhops	—	—	10	—	43	—	76	6	107	—	9	—
Barbers	925	56	231	—	425	57	826	41	626	32	250	9
Boarding and lodging house keepers	16	24	—	—	7	11	—	5	5	9	—	4
Bootblacks	22	—	—	5	4	—	3	—	14	—	—	5
Child care workers, except private household	36	561	4	208	5	188	34	639	35	512	4	98
Elevator operators	187	56	24	18	35	68	95	48	140	52	19	31
Hairdressers and cosmetologists	315	2 977	41	638	59	1 215	201	2 685	139	1 868	14	704
Housekeepers, except private household	184	451	25	124	58	176	240	414	75	277	37	90
School monitors	5	25	—	22	—	75	—	33	16	5	—	20
Ushers, recreation and amusement	116	10	—	—	15	5	61	10	63	10	12	—
Welfare service aides	18	82	—	5	10	51	11	35	21	51	5	6
Protective service workers	5 046	260	1 011	34	2 934	286	4 717	315	3 519	369	1 188	101
Crossing guards and bridge tenders	149	72	19	5	45	203	169	54	56	163	9	52
Firemen, fire protection	1 148	14	234	—	704	5	932	22	661	5	345	6
Guards and watchmen	1 800	121	324	9	989	49	1 776	125	1 587	130	362	12
Marshals and constables	10	4	—	—	21	—	34	6	5	—	3	—
Policemen and detectives	1 775	49	402	20	1 128	29	1 622	95	1 095	51	450	31
Sheriffs and bailiffs	164	—	32	—	47	—	184	13	115	20	19	—
Service workers, except private household—allocated	1 816	2 571	280	445	610	1 089	1 413	2 419	860	1 451	418	473
Private household workers	371	6 868	20	984	29	1 824	133	4 708	213	4 307	22	966
Occupation:												
Child care workers, private household	23	1 110	5	341	15	574	17	1 084	32	683	—	240
Cooks, private household	27	287	—	20	—	29	—	85	—	171	—	30
Housekeepers, private household	15	348	—	77	3	184	25	453	17	184	—	102
Laundresses, private household	7	140	6	17	—	12	4	112	—	66	—	5
Maids and servants, private household	157	4 157	9	394	11	846	76	2 386	154	2 722	22	510
Private household workers—allocated	142	826	—	135	—	179	11	588	10	481	—	79
Living arrangements:												
Living in	12	445	—	51	—	89	10	241	—	302	8	50
Living out	359	6 423	20	933	29	1 735	123	4 467	213	4 005	14	916

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
					Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960-63	1964-68	1969-70
THE STATE	1 318 749	1 243 558	72 485	15 314	1 302 934	965 842	249 333	87 759	27 033	64 203	134 596
Male, 16 years old and over											
Professional, technical, and kindred workers	149 946	145 441	3 654	1 427	149 134	110 602	30 462	8 070	1 238	4 011	9 576
Accountants	11 586	11 445	136	116	11 542	10 170	945	427	122	348	476
Architects	812	797	15	6	812	683	95	34	12	27	45
Computer specialists	3 358	3 293	60	26	3 349	2 972	256	121	3	10	98
Engineers	25 747	25 429	201	184	25 681	22 998	1 986	697	285	820	1 103
Aeronautical and astronautical	573	556	12	12	568	517	28	23	-	18	29
Civil	2 655	2 614	12	39	2 648	2 288	243	117	66	119	181
Electrical and electronic	5 577	5 480	60	25	5 567	5 018	429	120	38	190	233
Mechanical	4 345	4 314	26	52	4 337	3 735	457	145	77	163	191
Other engineers	12 597	12 465	91	68	12 561	11 440	829	292	104	330	469
Lawyers and judges	4 435	4 406	29	61	4 432	3 716	599	117	57	62	140
Life and physical scientists	3 780	3 611	100	71	3 752	3 183	443	126	70	134	257
Chemists	2 695	2 548	95	57	2 667	2 288	297	82	49	86	173
Physicians, dentists, and related practitioners	10 212	9 890	214	141	10 206	7 585	2 292	329	77	304	356
Dentists	1 825	1 777	48	6	1 825	1 095	653	77	16	57	53
Pharmacists	2 489	2 443	37	30	2 489	2 134	266	89	47	114	118
Physicians, medical and osteopathic	4 441	4 249	93	99	4 435	3 246	1 057	132	14	106	166
Other related practitioners	1 457	1 421	36	6	1 457	1 110	316	31	-	27	19
Health technologists and technicians	1 450	1 315	109	33	1 443	1 092	219	132	-	29	122
Religious workers	6 839	6 552	273	37	6 812	6 003	612	197	65	188	381
Social scientists	1 153	1 143	10	12	1 153	999	110	44	16	18	57
Social and recreation workers	1 731	1 524	207	8	1 719	1 184	336	199	9	82	615
Teachers	31 993	30 738	935	370	31 767	13 799	15 598	2 370	167	773	1 509
College and university	10 244	9 851	124	166	10 165	5 349	3 870	946	23	285	587
Elementary and prekindergarten	6 636	6 301	319	56	6 560	2 582	3 478	500	46	198	330
Secondary	13 928	13 464	433	117	13 877	5 166	7 894	817	84	254	456
Engineering and science technicians	18 403	17 890	472	121	18 326	15 011	2 362	953	109	336	1 723
Draftsmen and surveyors	7 824	7 688	115	61	7 783	6 274	1 053	456	63	168	851
Electrical and electronic engineering technicians	3 065	2 990	71	18	3 065	2 636	355	74	5	38	144
Technicians, except health, and engineering and science	2 585	2 551	28	30	2 579	2 150	315	114	13	36	113
Airplane pilots	599	599	-	12	599	538	51	10	-	-	-
Writers, artists, and entertainers	9 248	8 972	261	68	9 157	6 656	1 561	940	60	275	1 048
Other professional, technical, and kindred workers	16 614	15 885	604	143	16 404	12 401	2 733	1 270	173	569	1 533
Managers and administrators, except farm	121 780	119 865	1 791	796	121 237	106 335	12 420	2 482	2 166	4 965	5 097
Buyers, purchasing agents, and sales managers	16 761	16 627	129	82	16 716	15 070	1 379	267	160	500	461
School administrators	3 931	3 792	139	19	3 926	2 283	1 572	71	74	164	122
Specified managers and administrators, public administration	5 397	5 273	124	41	5 376	4 802	379	195	166	418	435
Other specified managers and administrators	21 414	20 937	447	227	21 245	18 244	2 410	591	588	988	1 249
Managers and administrators, n.e.c., salaried	56 688	56 067	565	320	56 491	51 148	4 438	905	676	1 912	1 874
Manufacturing	16 969	16 856	107	85	16 947	15 896	922	129	176	467	472
Wholesale and retail trade	19 072	18 881	182	88	19 001	17 131	1 538	332	215	592	579
Transportation, communications, and other public utilities	5 030	5 022	8	39	5 003	4 614	342	47	106	301	149
All other industries	15 617	15 308	268	108	15 540	13 507	1 636	397	179	532	674
Managers and administrators, n.e.c., self-employed	17 589	17 169	387	107	17 483	14 788	2 242	453	502	983	956
Construction	3 488	3 359	129	13	3 469	2 471	884	114	110	187	244
Manufacturing	1 198	1 173	25	8	1 182	1 036	132	14	29	72	83
Wholesale and retail trade	9 697	9 533	137	67	9 646	8 565	868	213	308	512	437
All other industries	3 206	3 104	96	19	3 186	2 716	358	112	55	212	192
Sales workers	75 606	74 379	1 178	521	74 757	59 030	10 868	4 859	1 247	3 068	6 236
Insurance agents, brokers, and underwriters	10 299	10 091	208	110	10 283	8 789	1 227	267	175	253	266
Real estate agents and brokers	3 266	3 226	34	6	3 256	2 670	477	109	73	194	143
Sales representatives, manufacturing industries	9 300	9 234	51	83	9 255	8 004	1 099	152	130	250	306
Sales representatives, wholesale trade	13 613	13 480	129	38	13 539	11 661	1 511	367	131	343	497
Sales clerks, retail trade	17 110	16 647	452	159	16 751	11 228	3 271	2 252	294	919	2 776
Salesmen, retail trade	11 359	11 237	114	33	11 268	8 999	1 667	602	171	418	590
Salesmen of services and construction	3 663	3 613	50	37	3 642	2 857	508	277	59	156	266
Other sales workers	6 996	6 851	140	55	6 785	4 822	1 108	833	214	535	1 392
Clerical and kindred workers	85 119	80 181	4 771	803	84 246	65 639	12 599	6 008	1 761	4 582	8 945
Bank tellers and cashiers	2 460	2 345	105	3	2 387	1 390	570	427	48	142	619
Bookkeepers and billing clerks	6 787	6 617	152	39	6 742	5 591	826	325	153	394	517
Mail handlers and postal clerks	10 790	9 382	1 408	36	10 737	9 142	1 190	405	283	573	882
Other clerical and kindred workers	65 082	61 837	3 106	725	64 380	49 516	10 013	4 851	1 277	3 473	6 927
Craftsmen and kindred workers	309 127	295 719	12 976	3 428	306 900	235 844	59 250	11 806	7 074	14 595	20 797
Apparel craftsmen and upholsterers	1 454	1 367	75	13	1 449	1 093	264	92	49	91	96
Bakers	1 346	1 233	113	13	1 331	980	255	96	46	107	140
Cabinetmakers	2 166	2 150	10	27	2 133	1 544	459	130	71	164	151
Construction craftsmen	77 192	74 287	2 821	718	76 635	46 966	25 016	4 653	1 954	4 136	7 564
Carpenters	22 011	21 659	329	84	21 819	11 981	8 266	1 572	796	1 474	2 554
Excavating, grading, and road machine operators	7 847	7 484	357	146	7 812	4 655	2 790	367	160	267	671
Electricians	14 967	14 692	255	134	14 890	11 765	2 597	528	247	554	664
Masons and tile setters	5 898	5 351	547	105	5 862	2 944	2 563	355	124	201	519
Painters, construction and maintenance, and paperhangers	7 301	6 949	346	59	7 197	3 672	2 535	990	236	798	1 861
Plasterers and cement finishers	2 225	1 746	479	14	2 200	877	1 185	138	79	116	300
Plumbers and pipe fitters	11 561	11 223	329	94	11 506	8 428	2 745	333	255	553	565
Other construction craftsmen	5 382	5 183	179	82	5 349	2 644	2 335	370	57	173	430
Foremen, n.e.c.	49 279	48 077	1 177	461	49 180	44 438	4 248	494	1 075	2 032	1 591
Manufacturing	34 595	33 825	755	360	34 534	31 714	2 582	238	754	1 331	1 009
Nonmanufacturing industries	14 684	14 252	422	101	14 646	12 724	1 666	256	321	703	582
Linemen and servicemen, telephone and power	9 283	9 000	283	47	9 239	7 878	1 124	237	76	221	287
Locomotive engineers and firemen	3 311	3 213	89	38	3 291	2 649	596	46	301	294	162
Mechanics and repairmen	68 661	66 121	2 426	543	68 160	55 093	10 548	2 419	977	2 367	3 204
Air conditioning, heating, and refrigeration	3 512	3 379	118	17	3 474	2 771	597	106	19	105	152
Aircraft	967	944	23	15	967	826	114	46	27	37	37
Automobile, including body	25 546	24 442	1 047	184	25 343	19 992	4 195	1 156	297	701	1 272
Radio and television	3 579	3 365	202	28	3 564	2 825	589	150	-	122	116
Other mechanics and repairmen	35 059	33 991	1 036	299	34 812	28 679	5 053	1 080	630	1 402	1 627
Metal craftsmen, except mechanics	47 899	45 707	2 117	583	47 704	38 543	8 109	1 052	1 213	2 174	1 714
Machinists and job and die setters	18 457	17 883	525	151	18 373	15 157	2 848	368	398	734	580
Sheetmetal workers and tinsmiths	3 464	3 422	42	22	3 455	2 577	797	81	83	134	150
Tool and die makers	10 729	10 662	58	56	10 692	8 956					

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

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

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

THE STATE—Continued

Male, 16 years old and over—Continued

	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force			Year last worked of experienced workers not in labor force			
					Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960-63	1964-68	1969-70
Operatives, except transport	254 701	234 390	19 962	3 651	251 523	181 610	54 204	15 709	5 048	11 462	21 334
Assemblers.....	26 687	24 592	2 063	203	26 337	18 463	6 406	1 468	445	969	1 913
Checkers, examiners, and inspectors; manufacturing.....	19 056	18 271	770	216	18 971	15 032	3 376	563	380	923	1 090
Garage workers and gas station attendants.....	12 325	11 851	458	43	11 854	5 177	3 449	3 228	93	393	2 696
Laundry and drycleaning operatives, n.e.c.....	1 380	1 137	239	6	1 369	921	298	150	27	66	143
Meat cutters and butchers.....	6 063	5 775	288	44	6 025	4 657	1 018	350	123	306	319
Mine operatives, n.e.c.....	1 234	1 189	45	—	1 225	813	338	74	175	211	148
Packers and wrappers, except produce.....	6 695	6 158	528	103	6 502	4 250	1 490	762	90	280	1 032
Painters, manufactured articles.....	4 517	4 199	310	68	4 469	3 093	1 090	286	79	202	302
Precision machine operatives.....	24 113	22 760	1 336	196	23 954	18 865	4 263	826	454	1 051	1 100
Sawyers.....	3 417	3 300	117	34	3 378	2 379	805	194	127	235	278
Stationary firemen.....	3 114	2 958	156	68	3 110	2 596	433	81	153	204	154
Textile operatives.....	326	293	33	—	319	210	85	24	20	26	47
Welders and flamecutters.....	20 901	19 184	1 658	429	20 780	15 285	4 752	743	233	628	865
Other metalworking operatives.....	19 919	17 519	2 370	452	19 746	14 451	4 391	904	427	1 114	1 275
Other skilled operatives.....	29 581	26 325	3 184	453	28 870	20 048	6 648	2 174	993	1 628	4 272
Miscellaneous and not specified operatives.....	75 373	68 879	6 407	1 336	74 614	55 370	15 362	3 882	1 229	3 226	5 700
Occupation:											
Machine operatives, miscellaneous specified.....	30 643	28 025	2 583	392	30 332	22 772	6 174	1 386	506	1 457	2 173
Machine operatives, not specified.....	18 745	17 151	1 578	257	18 616	14 146	3 739	731	303	653	1 111
Miscellaneous operatives.....	16 320	14 950	1 339	451	16 129	11 481	3 390	1 258	227	696	1 598
Not specified operatives.....	9 665	8 753	907	236	9 537	6 971	2 059	507	193	420	518
Industry:											
Manufacturing	68 081	62 097	5 904	1 265	67 473	50 484	13 771	3 218	1 075	2 834	4 815
Durable goods	50 050	45 148	4 858	1 012	49 634	36 950	10 495	2 189	797	2 155	3 354
Wood products, including furniture.....	2 980	2 918	62	13	2 946	2 097	698	151	78	179	341
Primary metal industries.....	12 440	10 161	2 250	716	12 319	9 446	2 335	538	205	537	835
Fabricated metal industries.....	4 511	4 100	401	77	4 474	3 211	976	287	90	167	305
Machinery, including electrical.....	13 158	12 512	641	57	13 053	9 845	2 662	546	168	525	714
Motor vehicles and equipment.....	8 613	7 645	968	38	8 585	6 373	1 940	272	145	354	470
Transportation equipment, except motor vehicles.....	2 615	2 379	236	52	2 587	1 915	544	128	23	77	203
Other durable goods.....	5 733	5 433	300	59	5 670	4 063	1 340	267	88	316	486
Nondurable goods	17 530	16 501	998	242	17 353	13 202	3 165	986	272	654	1 340
Food and kindred products.....	3 527	3 257	265	60	3 493	2 615	656	222	106	158	396
Apparel and other fabricated textile products.....	2 57	2 252	5	—	2 55	188	42	23	6	20	28
Paper and allied products.....	2 793	2 682	102	54	2 767	2 105	508	154	20	69	170
Chemicals and allied products.....	3 306	3 020	257	33	3 265	2 781	399	85	25	117	167
Other nondurable goods.....	7 647	7 290	357	95	7 575	5 513	1 560	502	115	290	579
Not specified manufacturing industries.....	5 01	448	48	11	486	332	111	43	6	25	121
Nonmanufacturing industries	7 292	6 782	503	71	7 141	4 886	1 591	664	154	392	885
Transportation, communications, and other public utilities.....	1 320	1 421	99	38	1 507	1 188	222	97	83	91	119
Wholesale and retail trade.....	2 978	2 717	261	14	2 903	2 014	611	278	60	206	340
All other industries.....	2 794	2 644	143	19	2 731	1 684	758	289	11	95	426
Transport equipment operatives	81 334	75 914	5 265	792	80 523	58 417	17 857	4 249	1 362	3 482	6 190
Bus drivers.....	3 085	2 855	230	28	3 074	2 063	864	147	119	216	188
Taxicab drivers and chauffeurs.....	1 777	1 522	246	25	1 761	1 115	480	166	81	156	237
Truck drivers and deliverymen.....	57 745	54 725	2 947	362	57 324	41 747	12 716	2 861	815	2 354	3 768
Other transport equipment operatives.....	18 727	16 812	1 842	377	18 364	13 492	3 797	1 075	347	756	1 997
Laborers, except farm	90 572	79 028	11 338	2 375	87 803	47 015	25 225	15 563	1 949	5 534	23 575
Construction laborers.....	15 251	13 211	2 020	352	14 999	6 476	6 221	2 302	331	1 054	4 678
Freight, stock, and material handlers.....	36 709	33 794	2 856	688	35 564	19 795	9 058	6 711	506	1 416	7 401
Other specified laborers.....	17 003	14 542	2 400	286	16 094	8 297	4 168	3 629	453	1 326	7 304
Miscellaneous and not specified laborers.....	21 609	17 481	4 062	1 049	21 146	12 447	5 778	2 921	659	1 738	4 368
Occupation:											
Miscellaneous laborers.....	8 604	6 214	2 384	631	8 490	5 640	2 245	605	311	700	1 052
Not specified laborers.....	13 005	11 267	1 678	418	12 656	6 807	3 533	2 316	348	1 038	3 316
Industry:											
Manufacturing	14 818	11 537	3 232	925	14 540	8 963	3 933	1 644	349	981	2 177
Durable goods	12 529	9 387	3 093	908	12 291	7 715	3 297	1 279	278	806	1 710
Wood products, including furniture.....	527	517	10	—	523	305	118	100	—	52	141
Metal industries.....	7 830	5 226	2 560	856	7 664	4 720	2 170	774	195	489	1 029
Machinery, including electrical.....	1 360	1 207	153	8	1 338	915	280	143	27	54	148
Transportation equipment.....	1 653	1 369	284	19	1 612	1 094	379	139	18	75	181
Other durable goods.....	1 159	1 068	86	25	1 154	681	350	123	38	136	211
Nondurable goods	2 227	2 095	132	17	2 187	1 210	622	355	57	159	402
Food and kindred products.....	1 061	1 014	47	—	1 045	614	287	144	17	68	174
Not specified manufacturing industries.....	62	55	7	—	62	38	14	10	14	16	65
Nonmanufacturing industries	6 791	5 944	830	124	6 606	3 484	1 845	1 277	310	757	2 191
Railroads and railway express service.....	1 423	1 232	179	82	1 404	886	374	144	114	228	260
Transportation, except railroads.....	201	190	11	—	201	101	63	37	—	4	101
Communications, and utilities and sanitary services.....	926	727	199	13	916	654	208	54	35	78	198
Wholesale and retail trade.....	2 099	1 856	243	16	2 057	933	612	512	49	158	704
All other industries.....	2 142	1 939	198	13	2 028	910	588	530	112	289	928
Farmers and farm managers	43 642	43 488	128	65	43 181	37 067	4 392	1 722	1 698	3 834	7 258
Farm laborers and farm foremen	13 727	13 529	184	253	13 208	7 359	2 683	3 166	493	1 317	6 587
Paid farm laborers and farm foremen.....	11 767	11 569	184	253	11 378	6 175	2 378	2 825	437	1 133	5 308
Unpaid family workers.....	1 960	1 960	—	—	1 830	1 184	305	341	56	184	1 279
Service workers, except private household¹	92 349	80 957	11 070	1 190	89 923	56 705	19 207	14 011	2 985	7 274	18 683
Cleaning service workers.....	36 643	30 326	6 248	662	35 883	23 362	7 862	4 659	1 340	3 184	6 231
Food service workers.....	19 143	17 562	1 441	194	18 197	6 557	5 407	6 233	355	1 290	6 258
Coaks, except private household.....	5 916	5 354	508	98	5 633	2 171	1 756	1 706	98	250	1 760
Busboys and dishwashers.....	4 275	3 841	422	37	3 937	670	1 114	2 153	52	273	2 159
Health service workers.....	2 791	2 371	415	9	2 685	1 665	560	460	128	187	638
Personal service workers.....	7 873	7 247	615	61	7 688	4 996	1 715	977	201	655	2 137
Protective service workers.....	20 240	19 021	1 177	178	20 137	16 936	2 407	794	613	1 524	1 275
Firemen, fire protection.....	4 337	4 117	210	30	4 321	4 017	284	20	75	163	48
Guards and watchmen.....	7 811	7 245	546	41	7 766	5 803	1 332	631	399	1 034	917
Policemen and detectives.....	6 606	6 259	335	92	6 581	5 996	533	52	78	168	179
Private household workers	532	410	111	6	499	219	166	114	12	79	142
Unemployed persons, last worked 1959 or earlier²	314	257	57	7	...	...	...	...	...	...	...

¹Includes allocated cases not shown separately.

²See text for explanation.

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

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

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

THE STATE—Continued

	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
					Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960-63	1964-68	1969-70
Female, 16 years old and over	778 114	717 655	58 544	6 970	740 719	384 875	223 664	132 180	63 182	170 551	209 510
Professional, technical, and kindred workers	101 302	94 691	6 063	882	98 424	36 748	45 427	16 249	6 476	17 127	22 045
Accountants	4 594	4 443	145	23	4 473	3 051	723	699	270	532	493
Computer specialists	698	670	24	—	687	471	137	79	22	51	90
Librarians	2 294	2 186	101	12	2 225	798	1 081	346	85	279	333
Mathematical specialists	175	160	15	—	175	140	21	14	34	34	26
Life and physical scientists	530	483	9	9	519	380	101	38	31	101	94
Registered nurses, dietitians, and therapists	20 407	19 246	1 062	128	19 934	11 429	5 591	2 914	1 429	3 435	3 566
Dietitians	925	734	184	—	910	561	237	112	58	117	119
Registered nurses	18 288	17 422	779	104	17 874	10 294	4 969	2 611	1 321	3 120	3 156
Health technologists and technicians	4 643	4 168	430	74	4 501	2 721	1 108	672	294	683	689
Social scientists	299	273	14	—	283	151	94	38	12	14	32
Social and recreation workers	2 617	2 141	471	46	2 528	1 341	726	461	106	509	1 126
Teachers: College and university	3 612	3 439	79	41	3 485	842	2 018	625	108	367	592
Elementary and prekindergarten	30 169	28 171	1 962	166	29 444	3 929	20 073	5 442	1 969	5 625	6 731
Secondary	11 428	10 707	710	148	11 192	1 519	7 646	2 027	781	2 149	2 579
Other teachers	2 822	2 732	84	45	2 759	847	1 400	512	114	323	495
Engineering and science technicians	2 424	2 310	93	40	2 367	1 520	519	328	167	384	364
Technicians, except health, and engineering and science	345	333	12	—	335	191	92	52	5	34	88
Writers, artists, and entertainers	4 139	4 013	102	32	3 966	2 238	965	763	241	750	1 322
Actors and dancers	89	79	10	—	89	19	44	26	5	37	64
Authors, editors, and reporters	1 293	1 256	28	7	1 220	858	234	128	51	278	315
Other professional, technical, and kindred workers	10 106	9 216	750	118	9 551	5 180	3 132	1 239	808	1 857	3 425
Managers and administrators, except farm	23 543	22 719	772	102	23 086	16 819	4 528	1 739	1 595	3 983	3 972
Buyers, purchasing agents, and sales managers	3 482	3 417	61	25	3 448	2 732	521	195	225	489	437
Restaurant, cafeteria, and bar managers	2 972	2 814	150	16	2 924	1 577	1 030	317	246	583	516
School administrators	907	825	63	—	907	345	509	53	41	80	136
Other specified managers and administrators	5 499	5 205	290	16	5 294	3 973	828	493	410	1 085	1 353
Managers and administrators, n.e.c., salaried	7 455	7 315	128	26	7 369	5 796	1 085	488	396	1 100	1 035
Wholesale and retail trade	2 878	2 853	25	7	2 825	2 176	430	219	133	438	351
Managers and administrators, n.e.c., self-employed	3 228	3 143	80	19	3 144	2 396	555	193	277	613	428
Wholesale and retail trade	2 171	2 112	54	15	2 110	1 604	383	123	192	450	257
Sales workers	57 279	55 453	1 721	424	53 756	24 949	15 077	13 730	6 273	16 371	22 415
Demonstrators, hucksters, and peddlers	4 948	4 878	66	15	4 375	1 231	1 414	1 730	341	1 374	1 859
Insurance, real estate agents, and brokers	2 839	2 752	81	13	2 759	1 769	595	395	89	366	477
Sales clerks, retail trade	39 210	37 941	1 210	320	37 461	17 195	10 714	9 552	4 980	12 284	15 397
Salesmen, retail trade	1 967	1 916	46	6	1 880	1 116	457	307	131	426	648
Other sales workers	8 315	7 966	318	70	7 281	3 638	1 897	1 746	732	2 061	4 034
Clerical and kindred workers	252 564	238 959	13 282	2 217	242 993	147 833	56 672	38 488	22 844	54 387	60 932
Bank tellers	5 819	5 664	146	48	5 718	3 824	1 204	690	344	953	1 092
Bookkeepers	32 945	32 255	658	180	32 262	23 263	5 714	3 285	2 504	5 667	5 670
Cashiers	21 876	20 761	1 089	240	20 703	9 106	6 194	5 403	1 897	6 016	7 978
Counter clerks, except food	4 846	4 540	300	50	4 601	2 332	1 192	1 077	302	1 200	1 295
Enumerators and interviewers	1 220	1 118	102	15	866	208	227	433	234	273	424
File clerks	7 564	6 582	976	134	7 161	3 480	1 983	1 698	867	1 990	2 385
Office machine operators	10 803	9 796	980	88	10 512	6 844	2 359	1 309	1 110	2 457	2 073
Bookkeeping and billing machine operators	1 441	1 346	88	6	1 405	691	317	197	216	354	360
Keypunch operators	6 424	5 742	668	58	6 274	4 138	1 443	693	582	1 458	1 147
Payroll and timekeeping clerks	3 509	3 229	280	32	3 466	2 743	480	243	275	593	523
Receptionists	7 400	7 088	312	63	7 021	3 628	1 852	1 541	601	1 879	2 273
Secretaries	61 201	59 616	1 513	455	59 641	38 661	13 588	7 392	5 486	12 585	12 364
Stenographers	1 983	1 892	91	14	1 924	1 496	286	142	283	510	322
Telephone operators	8 848	8 258	568	63	8 596	5 476	1 784	1 336	1 138	2 270	1 675
Typists	22 453	20 894	1 515	218	21 477	12 094	5 231	4 152	2 783	5 660	5 991
Other clerical and kindred workers	62 095	57 266	4 752	617	59 043	34 678	14 578	9 787	5 020	12 334	16 667
Craftsmen and kindred workers	19 017	17 844	1 132	160	18 391	11 193	5 130	2 068	1 005	3 181	3 801
Foremen, n.e.c.	3 230	3 114	116	—	3 206	2 510	577	119	148	458	359
Operatives, except transport	140 118	129 439	10 308	1 356	134 812	74 431	41 494	18 887	10 989	32 732	34 052
Assemblers	27 607	25 694	1 873	199	26 876	14 336	8 959	3 581	1 763	5 998	5 532
Bottling and canning operatives	743	686	57	—	726	341	214	171	107	251	277
Checkers, examiners, and inspectors, manufacturing	16 804	15 700	1 073	124	16 443	10 513	4 450	1 480	1 121	3 714	2 794
Dressmakers and seamstresses, except factory	2 327	2 137	173	23	2 243	1 176	773	294	283	647	677
Laundry and drycleaning operatives, including ironers	6 458	5 951	1 384	79	6 205	3 504	1 873	828	658	1 710	1 674
Graders and sorters, manufacturing	699	648	51	—	664	328	187	149	139	335	375
Packers and wrappers, except produce	11 173	10 311	844	111	10 698	5 493	3 197	2 008	1 007	2 769	3 179
Sewers and stitchers	11 117	10 500	543	152	10 762	6 152	3 146	1 464	1 256	3 423	2 679
Textile operatives	396	380	16	8	377	197	125	55	82	120	149
Other specified operatives	29 898	27 670	2 136	336	27 956	15 083	8 708	4 165	2 537	6 774	8 739
Miscellaneous and not specified operatives	32 876	30 662	2 158	324	31 862	17 308	9 862	4 692	2 036	6 991	7 977
Manufacturing	30 266	28 282	1 912	316	29 365	16 047	9 131	4 187	1 853	6 415	7 068
Durable goods	19 077	17 709	1 328	178	18 539	9 930	6 150	2 459	934	3 351	3 625
Machinery, including electrical	9 912	9 077	809	95	9 679	5 289	3 212	1 178	514	1 654	1 737
Other durable goods	9 165	8 632	519	83	8 860	4 641	2 938	1 281	420	1 697	1 888
Nondurable goods, including not specified manufacturing	11 189	10 573	584	138	10 826	6 117	2 981	1 728	919	3 064	3 443
Food and kindred products	1 490	1 351	139	28	1 418	682	384	352	372	920	1 133
Apparel and other fabricated textile products	799	747	52	12	768	393	274	101	52	228	213
Nonmanufacturing industries	2 630	2 380	246	8	2 497	1 261	731	505	183	576	909
Transport equipment operatives	3 090	2 858	222	6	2 934	1 160	1 254	520	89	251	542
Laborers, except farm	10 427	9 234	1 164	148	9 910	4 634	3 092	2 184	783	2 379	3 120
Farmers and farm managers	2 088	1 982	102	7	1 964	1 586	247	131	102	214	639
Farm laborers and farm foremen	2 774	2 615	126	118	2 494	1 424	488	582	251	807	2 090
Paid farm laborers and farm foremen	1 609	1 450	126	118	1 414	537	355	522	174	671	1 470
Unpaid family workers	1 165	1 165	—	—	1 080	887	133	60	77	136	620
Service workers, except private household¹	142 130	124 643	17 162	1 424	131 737	56 837	43 739	31 161	10 670	33 765	48 472
Cleaning service workers	16 983	13 155	3 783	241	15 984	8 758	4 133	3 093	1 287	3 312	4 009
Chambermaids and maids	3 792	2 929	853	45	3 556	1 674	1 045	837	318	960	1 263

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total experienced civilian labor force	Persons of		Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force			
		White	Negro	Spanish language	Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960-63	1964-68	1969-70
CINCINNATI, OHIO-KY.-IND., SMSA											
Male, 16 years old and over	339 309	308 781	29 713	1 667	335 067	245 257	67 679	22 131	7 789	18 117	29 876
Professional, technical, and kindred workers	49 038	46 835	1 828	486	48 729	37 140	8 941	2 648	485	1 205	2 728
Accountants	4 239	4 151	78	37	4 234	3 665	409	160	62	120	175
Architects	382	377	—	13	382	322	60	—	5	—	22
Computer specialists	1 334	1 294	31	14	1 328	1 142	145	—	—	6	32
Engineers	9 971	9 781	140	122	9 945	8 683	942	320	128	249	365
Aeronautical and astronautical	1 187	1 144	38	27	1 180	1 019	120	41	—	6	32
Civil	907	890	8	7	907	831	50	26	12	45	31
Electrical and electronic	1 389	1 353	26	8	1 389	1 254	93	42	29	59	71
Mechanical	1 620	1 592	28	18	1 620	1 428	145	47	30	53	71
Other engineers	4 868	4 802	40	62	4 849	4 151	534	164	57	86	160
Lawyers and judges	1 671	1 671	—	7	1 671	1 438	199	34	13	33	47
Life and physical scientists	1 557	1 447	94	—	1 552	1 382	131	39	6	49	55
Chemists	1 239	1 141	82	—	1 234	1 088	112	34	6	38	45
Physicians, dentists, and related practitioners	3 796	3 589	82	60	3 785	2 745	907	133	32	72	122
Dentists	528	519	9	—	528	209	308	11	—	5	3
Pharmacists	921	892	29	—	916	768	129	19	8	22	55
Physicians, medical and osteopathic	2 007	1 838	44	60	2 001	1 499	399	103	24	40	58
Other related practitioners	340	340	—	—	340	269	71	—	—	5	6
Health technologists and technicians	565	491	47	—	561	364	115	82	—	37	42
Religious workers	1 550	1 417	133	3	1 523	1 267	222	34	—	64	57
Social scientists	667	643	19	8	667	551	92	24	—	11	4
Social and recreation workers	612	455	157	8	589	422	98	69	13	39	220
Teachers	6 716	6 272	394	111	6 661	2 919	3 192	550	41	158	289
College and university	1 754	1 679	41	64	1 742	980	622	140	18	32	104
Elementary and prekindergarten	1 388	1 242	146	6	1 372	439	810	123	12	26	57
Secondary	3 225	3 023	186	33	3 209	1 226	1 721	262	11	85	98
Engineering and science technicians	6 037	5 758	260	69	6 000	4 804	768	428	59	117	578
Draftsmen and surveyors	2 673	2 581	88	46	2 673	2 044	365	264	41	80	321
Electrical and electronic engineering technicians	697	659	38	5	697	542	126	29	—	6	59
Technicians, except health, and engineering and science	633	613	20	7	628	533	68	27	—	—	41
Airplane pilots	118	112	6	—	118	96	17	5	—	—	4
Writers, artists, and entertainers	3 871	3 764	84	19	3 843	2 707	756	380	35	99	341
Other professional, technical, and kindred workers	5 437	5 112	289	8	5 360	4 196	837	327	91	151	338
Managers and administrators, except farm	34 201	33 413	731	215	34 038	30 472	3 066	500	718	1 603	1 217
Buyers, purchasing agents, and sales managers	5 263	5 206	48	27	5 256	4 935	283	38	132	157	89
School administrators	839	800	39	—	823	508	302	13	8	26	11
Specified managers and administrators, public administration	1 415	1 333	82	7	1 410	1 300	92	18	—	130	35
Other specified managers and administrators	6 119	5 907	189	64	6 051	5 207	651	193	142	369	343
Managers and administrators, n.e.c., salaried	17 191	16 915	255	102	17 140	15 715	1 233	192	253	681	563
Manufacturing	6 589	6 540	41	15	6 578	6 172	371	35	101	238	204
Wholesale and retail trade	4 332	4 232	91	45	4 307	3 978	350	59	29	151	151
Transportation, communications, and other public utilities	1 639	1 630	9	7	1 639	1 507	117	15	40	119	41
All other industries	4 631	4 513	114	35	4 616	4 138	395	83	83	178	169
Managers and administrators, n.e.c., self-employed	3 374	3 252	118	15	3 358	2 807	505	46	134	240	154
Construction	702	664	38	8	697	474	213	10	18	52	36
Manufacturing	227	227	—	—	227	199	28	—	—	50	—
Wholesale and retail trade	1 580	1 532	48	7	1 569	1 420	136	13	92	115	80
All other industries	865	829	32	—	865	714	128	23	24	23	38
Sales workers	26 548	25 965	523	141	26 337	20 701	4 087	1 549	543	899	1 912
Insurance agents, brokers, and underwriters	3 263	3 179	84	11	3 245	2 689	492	64	65	74	81
Real estate agents and brokers	1 161	1 151	—	7	1 156	886	191	79	57	49	106
Sales representatives, manufacturing industries	3 968	3 907	39	18	3 963	3 488	402	73	51	103	121
Sales representatives, wholesale trade	5 412	5 381	22	24	5 399	4 698	572	129	67	111	228
Sales clerks, retail trade	6 085	5 884	197	73	5 990	3 856	1 365	769	169	271	796
Salesmen, retail trade	2 606	2 562	44	—	2 591	2 081	366	144	66	105	196
Salesmen of services and construction	1 350	1 319	26	—	1 350	1 025	264	61	25	66	86
Other sales workers	2 703	2 582	111	8	2 643	1 978	435	230	43	120	298
Clerical and kindred workers	28 759	25 723	2 969	159	28 424	21 728	4 843	1 853	779	1 629	2 616
Bank tellers and cashiers	1 139	1 057	82	15	1 124	547	344	233	29	70	245
Bookkeepers and billing clerks	2 421	2 325	92	14	2 408	1 903	385	120	60	238	196
Mail handlers and postal clerks	4 488	3 472	1 016	23	4 424	3 797	480	147	101	201	243
Other clerical and kindred workers	20 711	18 869	1 779	107	20 468	15 481	3 634	1 353	589	1 120	1 932
Craftsmen and kindred workers	70 977	67 046	3 879	240	70 416	52 358	15 186	2 872	1 888	4 161	4 248
Apparel craftsmen and upholsterers	688	627	61	—	673	456	179	38	53	98	47
Bakers	839	712	127	—	829	617	164	48	51	73	35
Cabinetmakers	296	280	11	—	296	207	52	37	3	24	33
Construction craftsmen	18 050	16 993	1 036	24	17 878	10 639	6 161	1 078	481	1 103	1 518
Carpenters	4 979	4 881	91	12	4 928	2 829	1 813	286	142	378	451
Excavating, grading, and road machine operators	1 301	1 207	89	—	1 291	728	523	40	5	36	77
Electricians	3 267	3 151	111	—	3 232	2 446	703	83	54	140	142
Masons and tile setters	1 237	1 131	102	—	1 227	514	655	58	63	74	137
Pointers, construction and maintenance, and paperhangers	2 351	2 185	166	—	2 308	1 087	855	366	123	223	441
Plasterers and cement finishers	824	522	302	—	819	298	455	66	9	66	84
Plumbers and pipe fitters	2 924	2 788	136	12	2 906	2 162	663	81	42	121	100
Other construction craftsmen	1 167	1 128	39	—	1 167	575	494	98	43	65	86
Foremen, n.e.c.	10 301	9 895	406	54	10 265	9 268	909	88	263	599	358
Manufacturing	6 789	6 592	197	40	6 770	6 154	572	44	155	381	225
Nonmanufacturing industries	3 512	3 303	209	14	3 495	3 114	337	44	108	218	133
Linemen and servicemen, telephone and power	2 397	2 302	95	6	2 387	2 019	293	75	9	74	69
Locomotive engineers and firemen	672	647	25	—	672	494	148	30	48	96	39
Mechanics and repairmen	16 135	15 318	812	66	16 045	12 628	2 787	630	279	613	538
Air conditioning, heating, and refrigeration	933	876	57	—	923	731	134	58	15	32	45
Aircraft	412	377	35	—	404	276	128	—	6	6	—
Automobile, including body	6 092	5 688	404	9	6 048	4 604	1 158	286	99	183	229
Radio and television	761	728	33	7	756	584	118	54	—	21	16
Other mechanics and repairmen	7 937	7 649	283	50	7 914	6 433	1 249	232	159	371	248
Metal craftsmen, except mechanics	8 146	7 724	417	37	8 107	5 939	1 908	260	294	518	339
Machinists and job and die setters	3 436	3 265	171	15	3 436	2 524	779	133	112	177	130
Sheetmetal workers and tinsmiths	1 179	1 152	27	—	1 179	853	272	54	49	74	42
Toal and die makers	1 547	1 494	48	14	1 541	1 200	316	25	57	132	73
Other metal craftsmen	1 984	1 813	171	8	1 951	1 362	541	48	76	135	94
Printing craftsmen	3 967	3 831	136	6	3 956	3 076	763	117	74	176	148
Compositors and typesetters	1 067	1 036	31	—	1 065	833	190	42	23	66	50
Pressmen and plate printers, printing	2 211	2 106	105	6	2 208	1 742	406	60	42	54	66
Stationary engineers and power station operators	1 222	1 166	56	6	1 217	1 020	171	26	57	106	73
Other craftsmen and kindred workers	8 264	7 551	697	34	8 091	5 995	1 651	445			

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force			Year last worked of experienced workers not in labor force			
					Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960-63	1964-68	1969-70
CINCINNATI, OHIO-KY.-IND., SMSA—Continued											
Male, 16 years old and over—Continued											
Operatives, except transport	57 341	50 666	6 619	164	56 538	37 637	14 948	3 953	1 301	2 993	4 188
Assemblers	8 585	7 140	1 445	42	8 423	4 786	3 108	529	100	331	448
Checkers, examiners, and inspectors; manufacturing	3 594	3 301	287	7	3 583	2 534	947	102	55	202	131
Garage workers and gas station attendants	2 605	2 423	182	15	2 532	1 097	794	641	40	124	567
Laundry and drycleaning operatives, n.e.c.	348	268	80	—	342	222	76	44	14	36	82
Meat cutters and butchers	1 961	1 748	213	5	1 940	1 598	281	61	70	130	78
Mine operatives, n.e.c.	67	61	6	—	62	52	5	6	20	23	20
Packers and wrappers, except produce	2 074	1 821	246	8	2 000	1 176	514	310	31	88	354
Painters, manufactured articles	1 228	1 020	208	7	1 218	782	340	96	24	51	64
Precision machine operatives	5 848	5 522	326	5	5 821	4 205	1 353	263	166	350	253
Sawyers	366	344	22	—	359	237	93	29	27	14	27
Stationary firemen	735	627	108	—	735	608	109	18	46	79	31
Textile operatives	107	107	—	—	103	51	52	—	6	17	16
Welders and homecutters	3 769	3 490	274	5	3 750	2 448	1 131	171	82	128	139
Other metalworking operatives	3 105	2 841	264	—	3 086	1 991	900	195	88	235	249
Other specified operatives	8 872	7 437	1 420	21	8 668	5 892	2 187	589	258	474	853
Miscellaneous and not specified operatives	14 077	12 516	1 538	49	13 916	9 958	3 058	900	274	711	876
Occupation:											
Machine operatives, miscellaneous specified	6 279	5 584	689	30	6 220	4 597	1 286	337	174	343	345
Machine operatives, not specified	2 820	2 418	394	13	2 784	2 072	573	139	22	128	134
Miscellaneous operatives	3 203	2 896	307	6	3 159	2 075	803	281	38	130	291
Not specified operatives	1 775	1 618	148	—	1 753	1 214	396	143	40	110	106
Industry:											
Manufacturing	12 251	10 895	1 333	49	12 140	8 773	2 670	697	223	585	681
Durable goods	6 171	5 371	787	24	6 102	4 083	1 672	347	91	299	293
Wood products, including furniture	535	472	63	—	526	375	101	50	5	61	22
Primary metal industries	633	568	65	—	621	465	119	37	34	67	46
Fabricated metal industries	987	901	86	7	972	685	239	48	8	19	62
Machinery, including electrical	1 962	1 692	266	—	1 957	1 395	444	118	16	97	79
Motor vehicles and equipment	806	659	142	10	802	507	284	11	5	24	15
Transportation equipment, except motor vehicles	384	323	61	7	384	108	256	20	—	12	10
Other durable goods	864	756	104	—	840	548	229	63	23	19	59
Nondurable goods	5 973	5 432	531	25	5 931	4 617	980	334	122	286	388
Food and kindred products	1 302	1 133	169	—	1 287	1 081	151	55	40	91	80
Apparel and other fabricated textile products	126	115	11	—	126	74	42	10	—	—	16
Paper and allied products	1 417	1 351	60	—	1 408	1 082	248	78	45	73	85
Chemicals and allied products	1 527	1 344	183	15	1 527	1 243	226	58	22	61	82
Other nondurable goods	1 601	1 489	108	10	1 583	1 137	313	133	15	61	125
Not specified manufacturing industries	107	92	15	—	107	73	18	16	10	—	—
Nonmanufacturing industries	1 826	1 621	205	—	1 776	1 185	388	203	51	126	195
Transportation, communications, and other public utilities	417	379	38	—	405	328	67	10	29	37	20
Wholesale and retail trade	749	660	89	—	736	501	138	97	18	32	94
All other industries	660	582	78	—	635	356	183	96	4	57	81
Transport equipment operatives	21 840	19 571	2 221	74	21 653	15 651	4 897	1 105	485	1 126	1 415
Bus drivers	1 072	1 025	47	—	1 067	791	235	41	43	97	65
Toxic drivers and chauffeurs	832	677	148	5	828	496	277	55	26	73	72
Truck drivers and deliverymen	15 196	13 707	1 465	55	15 079	11 038	3 313	728	327	657	909
Other transport equipment operatives	4 740	4 162	561	14	4 679	3 326	1 072	281	89	299	369
Laborers, except farm	20 952	16 010	4 906	72	20 329	11 309	5 773	3 247	613	1 467	5 326
Construction laborers	3 693	2 376	1 317	18	3 602	1 597	1 438	567	110	307	1 131
Freight, stock, and material handlers	9 101	7 754	1 332	25	8 908	5 405	2 110	1 393	208	489	1 604
Other specified laborers	5 040	3 644	1 375	6	4 757	2 495	1 357	905	157	346	1 907
Miscellaneous and not specified laborers	3 118	2 236	882	23	3 062	1 812	868	382	138	325	684
Occupation:											
Miscellaneous laborers	897	632	265	—	897	601	219	77	67	91	86
Not specified laborers	2 221	1 604	617	23	2 165	1 211	649	305	71	234	598
Industry:											
Manufacturing	1 598	1 259	339	16	1 570	921	500	149	65	127	269
Durable goods	993	720	273	9	976	568	299	109	48	53	197
Wood products, including furniture	66	61	5	—	66	27	25	14	—	5	17
Metal industries	400	295	105	—	389	240	95	54	39	15	109
Machinery, including electrical	252	185	67	9	246	151	73	22	9	9	25
Transportation equipment	197	118	79	—	197	109	75	13	—	6	14
Other durable goods	78	61	17	—	78	41	31	6	—	18	32
Nondurable goods	594	530	66	7	585	344	201	40	17	74	72
Food and kindred products	232	201	31	7	232	152	70	10	5	23	22
Not specified manufacturing industries	9	9	—	—	9	9	—	—	—	—	—
Nonmanufacturing industries	1 520	977	543	7	1 492	891	368	233	73	198	415
Railroads and railway express service	214	62	152	—	214	150	55	9	16	48	11
Transportation, except railroads	78	57	21	—	78	51	21	6	5	—	—
Communications, and utilities and sanitary services	205	133	72	—	205	152	32	21	9	9	41
Wholesale and retail trade	500	384	116	7	486	283	121	82	11	46	93
All other industries	523	341	182	—	509	255	139	115	32	95	270
Farmers and farm managers	1 883	1 859	19	—	1 841	1 545	210	86	133	236	457
Farm laborers and farm foremen	1 079	969	110	—	1 029	542	242	245	55	119	747
Paid farm laborers and farm foremen	951	841	110	—	916	472	228	216	49	119	659
Unpaid family workers	128	128	—	—	113	70	14	29	6	—	88
Service workers, except private household¹	26 183	20 570	5 554	116	25 353	15 952	5 389	4 012	781	2 575	4 997
Cleaning service workers	9 596	6 699	2 880	54	9 358	5 934	2 060	1 364	298	970	1 537
Food service workers	6 233	5 088	1 125	41	5 856	2 642	1 530	1 684	132	668	1 749
Cooks, except private household	2 011	1 542	454	9	1 881	988	477	416	52	204	413
Busboys and dishwashers	1 454	1 154	300	—	1 294	274	315	705	3	165	811
Health service workers	924	566	360	7	889	501	195	193	31	114	154
Personal service workers	2 392	2 048	344	14	2 337	1 370	612	355	87	240	619
Protective service workers	5 105	4 826	262	—	5 088	4 316	552	220	159	468	297
Firemen, fire protection	1 160	1 156	4	—	1 157	1 123	25	5	39	38	24
Guards and watchmen	1 839	1 660	167	—	1 829	1 361	301	167	80	270	188
Policemen and detectives	1 783	1 720	58	—	1 783	1 641	122	20	9	60	57
Private household workers	409	90	319	—	380	222	97	61	8	104	25
Unemployed persons, last worked 1959 or earlier²	99	64	35	—	...	...	...	...	...	...	...

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force			
					Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960-63	1964-68	1969-70	
FORT WAYNE SMSA												
Male, 16 years old and over	71 919	68 011	3 718	730	71 235	53 614	13 218	4 403	1 254	2 975	5 931	
Professional, technical, and kindred workers	11 189	10 992	154	88	11 159	9 084	1 731	344	62	205	441	
Accountants	1 089	1 083	6	5	1 085	1 001	64	20	10	28	23	
Architects	73	73	—	—	73	54	19	—	—	—	—	
Computer specialists	390	390	—	7	390	365	16	9	—	—	—	
Engineers	2 792	2 771	11	38	2 792	2 602	171	19	17	65	94	
Aeronautical and astronautical	—	—	—	—	—	—	—	—	—	—	—	
Civil	169	169	—	—	169	148	17	4	—	4	—	
Electrical and electronic	1 131	1 110	11	25	1 131	1 054	72	5	6	18	33	
Mechanical	494	494	—	—	494	480	14	—	—	15	25	
Other engineers	998	998	—	13	998	920	68	10	11	28	36	
Lawyers and judges	300	300	—	15	300	263	37	—	10	—	—	
Life and physical scientists	150	143	—	—	150	125	25	—	—	4	10	
Chemists	99	92	—	—	99	88	11	—	—	4	5	
Physicians, dentists, and related practitioners	604	582	12	—	604	498	101	5	—	25	21	
Dentists	74	68	6	—	74	42	32	—	—	—	8	
Pharmacists	136	131	—	—	136	123	13	—	—	7	—	
Physicians, medical and osteopathic	304	293	6	—	304	265	39	—	—	18	13	
Other related practitioners	90	90	—	—	90	68	17	5	—	—	—	
Health technologists and technicians	95	95	—	—	95	82	13	—	—	—	—	
Religious workers	359	344	15	—	359	287	68	4	—	5	5	
Social scientists	107	107	—	5	107	94	7	6	—	—	—	
Social and recreation workers	98	89	9	—	98	61	23	14	—	—	39	
Teachers	1 620	1 577	27	—	1 614	769	754	91	8	18	54	
College and university	361	345	—	—	355	204	114	37	—	—	14	
Elementary and prekindergarten	406	395	11	—	406	199	180	27	4	13	19	
Secondary	776	772	4	—	776	329	425	22	4	5	11	
Engineering and science technicians	1 513	1 484	29	7	1 502	1 279	170	53	—	27	95	
Draftsmen and surveyors	693	679	14	7	682	568	83	31	—	16	51	
Electrical and electronic engineering technicians	476	461	15	—	476	412	54	10	—	11	25	
Technicians, except health, and engineering and science	192	181	11	5	192	148	44	—	—	5	5	
Airplane pilots	65	65	—	—	65	55	10	—	—	—	—	
Writers, artists, and entertainers	732	725	7	6	732	603	79	50	—	12	44	
Other professional, technical, and kindred workers	1 075	1 048	27	—	1 066	853	140	73	17	16	51	
Managers and administrators, except farm	8 202	8 059	127	47	8 171	7 332	749	90	126	266	205	
Buyers, purchasing agents, and sales managers	1 421	1 405	16	6	1 421	1 311	105	5	13	35	41	
School administrators	163	163	—	—	163	100	63	—	—	—	—	
Specified managers and administrators, public administration	207	207	—	—	207	190	5	12	16	24	—	
Other specified managers and administrators	1 491	1 451	31	24	1 486	1 267	202	17	50	21	47	
Managers and administrators, n.e.c., salaried	4 075	4 014	54	12	4 054	3 774	238	42	30	131	96	
Manufacturing	1 224	1 219	5	6	1 224	1 174	45	5	4	29	26	
Wholesale and retail trade	1 192	1 166	26	6	1 187	1 074	83	30	5	38	38	
Transportation, communications, and other public utilities	516	516	—	—	500	486	14	—	—	29	5	
All other industries	1 143	1 113	23	—	1 143	1 040	96	7	21	35	27	
Managers and administrators, n.e.c., self-employed	845	819	26	5	840	690	136	14	17	55	21	
Construction	200	200	—	—	195	148	47	—	8	14	5	
Manufacturing	81	81	—	—	81	65	11	5	—	6	—	
Wholesale and retail trade	403	390	13	5	403	341	62	—	4	29	5	
All other industries	161	148	13	—	161	136	16	9	5	6	11	
Sales workers	5 368	5 333	35	55	5 315	4 179	803	333	53	221	365	
Insurance agents, brokers, and underwriters	699	682	17	16	699	618	70	11	16	26	30	
Real estate agents and brokers	317	317	—	—	312	262	40	10	10	31	23	
Sales representatives, manufacturing industries	673	667	6	12	667	573	89	5	—	14	—	
Sales representatives, wholesale trade	1 098	1 093	5	8	1 093	970	94	29	5	30	15	
Sales clerks, retail trade	1 041	1 034	7	7	1 027	623	210	194	9	30	161	
Salesmen, retail trade	696	696	—	4	696	508	156	32	8	53	30	
Salesmen of services and construction	305	305	—	—	305	209	79	17	5	6	6	
Other sales workers	539	539	—	8	516	416	65	35	—	31	100	
Clerical and kindred workers	5 236	5 034	181	46	5 212	4 183	738	291	91	233	466	
Bank tellers and cashiers	169	160	9	—	169	88	53	28	—	5	48	
Bookkeepers and billing clerks	402	395	—	6	392	325	50	17	5	8	35	
Mail handlers and postal clerks	629	594	35	—	629	524	45	60	24	31	44	
Other clerical and kindred workers	4 036	3 885	137	40	4 022	3 246	590	186	62	189	339	
Craftsmen and kindred workers	14 865	14 279	570	156	14 759	11 442	2 767	550	286	673	959	
Apparel craftsmen and upholsterers	74	57	17	—	74	53	15	6	3	—	—	
Bakers	116	112	4	—	116	101	15	—	—	—	8	
Cabinetmakers	75	75	—	—	75	36	33	6	4	4	15	
Construction craftsmen	3 347	3 198	149	38	3 319	2 238	892	189	72	153	293	
Carpenters	1 010	996	14	12	999	633	298	68	22	55	86	
Excavating, grading, and road machine operators	214	209	5	—	214	159	52	3	—	4	18	
Electricians	687	680	7	7	675	520	133	22	4	17	21	
Masons and tile setters	231	214	17	—	231	143	79	9	—	4	17	
Painters, construction and maintenance, and paperhangers	364	331	33	5	359	204	99	56	11	36	88	
Plasterers and cement finishers	136	86	50	14	136	47	73	16	12	—	29	
Plumbers and pipe fitters	479	465	14	—	479	393	81	5	23	26	9	
Other construction craftsmen	226	217	9	—	226	139	77	10	—	11	25	
Foremen, n.e.c.	2 493	2 461	32	29	2 483	2 237	214	32	52	124	79	
Manufacturing	1 608	1 581	27	19	1 608	1 425	161	22	32	88	36	
Nonmanufacturing industries	885	880	5	10	875	812	53	10	20	36	43	
Linemen and servicemen, telephone and power	652	638	14	—	652	582	65	5	—	5	24	
Locomotive engineers and firemen	243	237	6	—	243	205	38	—	30	32	12	
Mechanics and repairmen	3 574	3 391	179	51	3 540	2 802	649	89	29	158	209	
Air conditioning, heating, and refrigeration	140	140	—	—	140	112	28	—	—	7	—	
Aircraft	37	37	—	—	37	23	9	—	—	—	—	
Automobile, including body	1 790	1 668	118	31	1 785	1 469	281	35	5	62	89	
Radio and television	259	259	—	—	259	184	62	13	—	—	—	
Other mechanics and repairmen	1 348	1 287	61	20	1 319	1 014	269	36	24	89	120	
Metal craftsmen, except mechanics	2 195	2 102	93	18	2 182	1 592	535	55	64	103	73	
Machinists and job and die setters	819	788	31	8	819	568	234	17	22	40	34	
Sheetmetal workers and tinsmiths	174	174	—	—	174	144	25	5	10	—	10	
Tool and die makers	593	593	—	—	587	436	141	10	20	40	9	
Other metal craftsmen	609	547	62	10	602	444	135	23	12	23	20	
Printing craftsmen	396	396	—	6	396	327	47	22	—	5	49	
Compositors and typesetters	172	172	—	—	172	140	27	5	—	—	18	
Pressmen and plate printers, printing	161	161	—	6	161	139	12	10	—	—	27	
Stationary engineers and power station operators	261	251	10	8	261	246	15	—	6	8	5	
Other craftsmen and kindred workers	1 439	1 361	66	6	1 418	1 023	249	146	21	62	196	

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
					Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960-63	1964-68	1969-70
FORT WAYNE SMSA—Continued											
Male, 16 years old and over—Continued											
Operatives, except transport	12 337	10 892	1 427	173	12 205	8 330	3 034	841	309	629	934
Assemblers.....	1 565	1 363	202	6	1 542	1 150	334	58	32	81	66
Checkers, examiners, and inspectors; manufacturing.....	1 217	1 138	79	16	1 212	920	251	41	35	82	65
Garage workers and gas station attendants.....	678	648	30	—	638	255	203	180	—	23	138
Laundry and drycleaning operatives, n.e.c.....	118	101	17	—	118	96	12	10	—	—	10
Meat cutters and butchers.....	271	261	10	—	271	188	74	9	12	25	6
Mine operatives, n.e.c.....	11	6	5	—	11	5	—	—	—	—	—
Packers and wrappers, except produce.....	375	353	17	20	362	243	72	47	12	24	49
Painters, manufactured articles.....	243	198	45	—	237	171	59	7	3	12	13
Precision machine operatives.....	1 476	1 335	136	31	1 467	1 088	338	41	27	78	59
Sawyers.....	56	42	14	—	56	31	14	11	—	—	11
Stationary firemen.....	98	84	14	—	98	82	16	—	—	10	—
Textile operatives.....	18	18	—	—	18	8	5	5	—	—	—
Welders and flamecutters.....	741	652	81	—	738	551	173	14	23	32	43
Other metalworking operatives.....	533	447	86	18	520	355	127	38	12	34	47
Other specified operatives.....	1 735	1 491	244	30	1 719	1 056	504	159	64	119	175
Miscellaneous and not specified operatives.....	3 202	2 755	447	52	3 198	2 131	846	221	89	109	252
Occupation:											
Machine operatives, miscellaneous specified.....	1 265	1 075	190	19	1 265	802	361	102	25	36	84
Machine operatives, not specified.....	882	752	130	33	882	607	240	35	22	23	73
Miscellaneous operatives.....	613	565	48	—	609	437	123	49	5	33	58
Not specified operatives.....	442	363	79	—	442	285	122	35	37	17	37
Industry:											
Manufacturing	2 828	2 413	415	44	2 828	1 880	767	181	77	90	210
Durable goods.....	1 959	1 640	319	37	1 959	1 320	535	104	63	74	131
Wood products, including furniture.....	25	25	—	—	25	25	—	—	—	—	—
Primary metal industries.....	561	457	104	14	561	431	105	25	10	16	28
Fabricated metal industries.....	46	46	—	—	46	19	22	5	—	6	4
Machinery, including electrical.....	817	724	93	5	817	444	321	52	30	31	71
Motor vehicles and equipment.....	433	324	109	7	433	333	78	22	19	17	23
Transportation equipment, except motor vehicles.....	6	6	—	—	6	6	—	—	4	—	—
Other durable goods.....	71	58	13	11	71	62	9	—	—	4	5
Nondurable goods.....	836	753	83	7	836	548	216	72	8	16	75
Food and kindred products.....	248	236	12	7	248	178	55	15	4	16	28
Apparel and other fabricated textile products.....	—	—	—	—	—	—	—	—	—	—	—
Paper and allied products.....	118	97	21	—	118	69	43	6	—	—	15
Chemicals and allied products.....	27	22	5	—	27	15	5	7	—	—	5
Other nondurable goods.....	443	398	45	—	443	286	113	44	4	—	27
Not specified manufacturing industries.....	33	20	13	—	33	12	16	5	6	—	4
Nonmanufacturing industries	374	342	32	8	370	251	79	40	12	19	42
Transportation, communications, and other public utilities.....	59	59	—	—	59	50	9	—	12	7	9
Wholesale and retail trade.....	194	175	19	8	194	129	49	16	—	7	23
All other industries.....	121	108	13	—	117	72	21	24	—	5	10
Transport equipment operatives	4 187	3 914	266	51	4 138	3 027	914	197	54	189	252
Bus drivers.....	123	113	10	—	123	81	14	28	5	4	10
Taxicab drivers and chauffeurs.....	50	38	12	—	50	40	10	—	—	8	8
Truck drivers and deliverymen.....	2 959	2 778	181	35	2 934	2 138	675	121	27	139	164
Other transport equipment operatives.....	1 055	985	63	16	1 031	768	215	48	22	38	70
Laborers, except farm	4 135	3 605	510	47	4 000	2 036	1 170	794	89	178	980
Construction laborers.....	589	462	122	22	576	303	210	63	12	35	155
Freight, stock, and material handlers.....	2 176	2 045	131	10	2 108	1 048	624	436	39	52	345
Other specified laborers.....	724	588	126	—	676	361	165	150	27	49	306
Miscellaneous and not specified laborers.....	646	510	131	15	640	324	171	145	11	42	174
Occupation:											
Miscellaneous laborers.....	219	147	72	7	219	140	52	27	6	14	43
Not specified laborers.....	427	363	59	8	421	184	119	118	5	28	131
Industry:											
Manufacturing	298	238	60	8	292	134	109	49	—	15	60
Durable goods.....	222	166	56	8	222	114	86	22	—	15	29
Wood products, including furniture.....	—	—	—	—	—	—	—	—	—	—	—
Metal industries.....	93	58	35	—	93	44	45	4	—	—	11
Machinery, including electrical.....	66	49	17	8	66	22	26	18	—	11	5
Transportation equipment.....	55	55	—	—	55	44	11	—	—	4	8
Other durable goods.....	8	4	4	—	8	4	4	—	—	—	5
Nondurable goods.....	72	72	—	—	66	20	19	27	—	—	24
Food and kindred products.....	46	46	—	—	40	17	—	23	—	—	12
Not specified manufacturing industries.....	4	—	4	—	4	—	4	—	—	—	7
Nonmanufacturing industries	348	272	71	7	348	190	62	96	11	27	114
Railroads and railway express service.....	68	40	28	7	68	40	12	16	6	4	21
Transportation, except railroads.....	10	10	—	—	10	10	—	—	—	4	—
Communications, and utilities and sanitary services.....	51	33	18	—	51	45	6	—	—	4	4
Wholesale and retail trade.....	136	127	9	—	136	74	19	43	—	10	24
All other industries.....	83	62	16	—	83	21	25	37	5	5	65
Farmers and farm managers	1 077	1 077	—	—	1 077	925	102	50	45	60	202
Farm laborers and farm foremen	211	211	—	—	211	117	44	50	5	39	92
Paid farm laborers and farm foremen.....	186	186	—	—	186	103	33	50	—	20	59
Unpaid family workers.....	25	25	—	—	25	14	11	—	5	19	33
Service workers, except private household¹	5 083	4 592	448	61	4 968	2 944	1 166	858	127	282	1 026
Cleaning service workers.....	1 863	1 594	243	40	1 829	1 095	397	337	63	116	309
Food service workers.....	1 326	1 245	74	5	1 264	489	386	389	28	95	443
Cooks, except private household.....	478	445	33	5	465	182	148	135	8	5	140
Busboys and dishwashers.....	334	317	17	—	292	47	98	147	—	—	177
Health service workers.....	178	157	16	—	178	62	71	45	5	6	31
Personal service workers.....	401	376	25	6	401	283	81	37	11	12	63
Protective service workers.....	1 019	983	36	—	1 019	864	127	28	10	43	43
Firemen, fire protection.....	234	234	—	—	234	210	24	—	—	—	8
Guards and watchmen.....	332	317	15	—	332	230	83	19	10	23	24
Policemen and detectives.....	402	381	21	—	402	392	10	—	—	—	11
Private household workers	20	14	—	—	20	15	—	5	7	—	9
Unemployed persons, last worked 1959 or earlier²	9	9	—	—	...	...	...	...	...	...	...

¹Includes allocated cases not shown separately.

²See text for explanation.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force			
					Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960-63	1964-68	1969-70	
PORT WAYNE SMSA—Continued												
Female, 16 years old and over	45 763	42 254	3 419	492	43 933	22 271	13 994	7 668	3 635	8 904	10 282	
Professional, technical, and kindred workers	6 356	6 106	223	65	6 205	2 640	2 590	975	463	1 112	1 105	
Accountants	246	246	—	7	240	150	47	43	8	54	14	
Computer specialists	47	47	—	—	47	37	4	6	—	—	10	
Librarians	139	139	—	6	134	83	41	10	11	15	—	
Mathematical specialists	22	22	—	—	22	22	—	—	—	5	6	
Life and physical scientists	21	21	—	—	21	10	11	—	5	6	3	
Registered nurses, dietitians, and therapists	1 724	1 670	50	6	1 680	1 053	378	249	156	289	243	
Dietitians	35	26	9	—	35	19	10	6	10	15	5	
Registered nurses	1 608	1 570	34	6	1 569	989	349	231	146	271	222	
Health technologists and technicians	297	293	4	—	292	192	54	46	19	51	31	
Social scientists	28	28	—	—	28	17	6	5	—	5	—	
Social and recreation workers	168	130	38	8	158	97	30	31	15	28	44	
Teachers: College and university	136	123	—	—	136	34	81	21	—	9	37	
Elementary and prekindergarten	1 705	1 634	71	18	1 666	180	1 158	328	148	338	358	
Secondary	600	591	9	7	592	58	429	105	23	131	107	
Other teachers	204	194	10	—	204	85	92	27	6	24	26	
Engineering and science technicians	123	123	—	—	123	104	13	6	—	—	17	
Technicians, except health, and engineering and science	27	27	—	—	27	9	18	—	—	—	—	
Writers, artists, and entertainers	235	225	10	7	229	122	64	43	14	27	67	
Actors and dancers	—	—	—	—	—	—	—	—	—	—	5	
Authors, editors, and reporters	56	52	4	7	56	30	26	—	4	16	—	
Other professional, technical, and kindred workers	634	593	31	6	606	387	164	55	58	130	142	
Managers and administrators, except farm	1 356	1 338	18	—	1 325	936	295	94	110	212	150	
Buyers, purchasing agents, and sales managers	318	318	—	—	313	244	51	18	22	42	25	
Restaurant, cafeteria, and bar managers	146	146	—	—	146	54	86	6	20	14	22	
School administrators	46	41	5	—	46	17	24	5	—	14	5	
Other specified managers and administrators	291	287	4	—	279	203	53	23	30	52	38	
Managers and administrators, n.e.c., salaried	431	422	9	—	422	333	52	37	33	73	56	
Wholesale and retail trade	141	141	—	—	141	99	18	24	10	20	22	
Managers and administrators, n.e.c., self-employed	124	124	—	—	119	85	29	5	5	17	4	
Wholesale and retail trade	53	53	—	—	53	39	9	5	—	11	4	
Sales workers	4 005	3 944	61	54	3 760	1 597	1 200	963	399	862	1 418	
Demonstrators, hucksters, and peddlers	298	298	—	—	266	94	108	64	33	83	80	
Insurance, real estate agents, and brokers	154	143	11	—	149	111	28	10	4	20	18	
Sales clerks, retail trade	2 928	2 904	24	54	2 786	1 106	918	762	334	650	1 053	
Salesmen, retail trade	103	103	—	—	95	64	9	22	5	25	52	
Other sales workers	522	496	26	—	464	222	137	105	23	84	215	
Clerical and kindred workers	17 058	16 536	498	126	16 507	9 954	4 115	2 438	1 481	3 460	3 201	
Bank tellers	285	263	22	—	280	164	73	43	15	70	67	
Bookkeepers	1 996	1 984	12	12	1 969	1 392	396	181	120	308	303	
Cashiers	1 238	1 215	23	12	1 180	445	366	369	56	284	348	
Counter clerks, except food	300	290	10	13	286	158	49	79	26	61	91	
Enumerators and interviewers	52	48	4	—	46	23	13	10	7	21	39	
File clerks	515	463	52	5	500	220	146	134	82	137	134	
Office machine operators	919	879	36	12	891	572	197	122	126	158	161	
Bookkeeping and billing machine operators	95	90	5	—	95	59	14	22	19	8	19	
Keypunch operators	567	541	22	12	549	354	127	68	69	100	95	
Payroll and timekeeping clerks	202	202	—	—	202	181	15	6	15	47	39	
Receptionists	519	507	12	—	503	228	157	118	48	107	141	
Secretaries	4 305	4 239	61	20	4 208	2 914	848	446	348	841	645	
Stenographers	207	202	5	—	199	153	22	24	36	47	10	
Telephone operators	523	478	51	—	524	335	134	55	65	136	117	
Typists	1 461	1 407	54	20	1 405	789	366	250	213	358	324	
Other clerical and kindred workers	4 526	4 359	156	32	4 314	2 380	1 333	601	324	885	782	
Craftsmen and kindred workers	896	825	71	7	877	494	276	107	25	124	220	
Foremen, n.e.c.	118	112	6	—	118	109	9	—	—	15	12	
Operatives, except transport	6 423	5 480	923	135	6 209	2 768	2 481	960	491	1 371	1 281	
Assemblers	1 399	1 206	193	30	1 344	519	584	241	61	244	244	
Bottling and canning operatives	10	10	—	—	10	—	—	—	15	—	—	
Checkers, examiners, and inspectors; manufacturing	716	636	76	—	691	366	243	82	49	183	117	
Dressmakers and seamstresses, except factory	163	158	5	9	158	82	54	22	35	50	71	
Laundry and drycleaning operatives, including ironers	448	314	134	18	439	283	127	29	29	109	79	
Graders and sorters, manufacturing	—	—	—	—	—	—	—	—	—	5	—	
Packers and wrappers, except produce	518	440	78	5	490	279	131	80	77	159	151	
Sewers and stitchers	180	153	22	9	180	108	51	21	28	94	13	
Textile operatives	12	12	—	—	12	—	—	—	—	9	5	
Other specified operatives	1 620	1 382	227	36	1 555	617	717	221	113	308	362	
Miscellaneous and not specified operatives	1 357	1 169	188	28	1 330	504	562	264	84	210	239	
Manufacturing	1 265	1 077	188	28	1 243	474	539	230	79	179	212	
Durable goods	928	758	170	28	916	301	444	171	47	92	148	
Machinery, including electrical	689	543	146	28	686	240	327	119	47	58	117	
Other durable goods	239	215	24	—	230	61	117	52	—	34	31	
Non-durable goods, including not specified manufacturing	337	319	18	—	327	173	95	59	32	87	64	
Food and kindred products	61	57	4	—	56	31	15	10	5	7	—	
Apparel and other fabricated textile products	9	9	—	—	9	—	—	—	—	—	—	
Nonmanufacturing industries	92	92	—	—	87	30	23	34	5	31	27	
Transport equipment operatives	249	245	4	—	238	74	120	44	5	15	36	
Laborers, except farm	606	519	87	—	585	227	189	169	37	101	157	
Farmers and farm managers	40	40	—	—	35	27	8	—	15	6	42	
Farm laborers and farm foremen	63	59	4	7	63	33	14	16	10	49	56	
Paid farm laborers and farm foremen	38	34	4	7	38	12	10	16	6	41	30	
Unpaid family workers	25	25	—	—	25	21	4	—	4	8	26	
Service workers, except private household¹	7 621	6 300	1 309	91	7 205	3 210	2 374	1 621	482	1 442	2 396	
Cleaning service workers	799	534	265	22	751	424	155	172	49	135	135	
Chambermaids and maids	182	112	70	10	165	74	51	40	17	30	54	
Food service workers	3 314	3 079	228	35	3 133	1 154	1 184	795	245	761	1 268	
Cooks, except private household	960	859	101	22	935	342	422	171	53	145	180	
Waiters and food counter workers	1 806	1 746	60	8	1 682	551	605	526	156	491	918	
Health service workers	1 938	1 358	575	16	1 857	959	523	375	62	287	376	
Nursing aides, orderlies, and attendants	1 357	838	29	16	1 286	705	375	206	27	203	236	
Practical nurses	209	175	29	—	203	101	54	48	15	23	36	
Personal service workers	1 061	929	132	13	1 006	458	367	181	65	138	303	
Hairdressers and cosmetologists	654	613	41	7	633	312	220	101	39	81	155	
Private household workers	1 015	790	218	7	924	311	332	281	117	150	220	
Private household workers, living in	51	51	—	—	51	27	19	5	—	7	—	
Private household workers, living out	964	739	218	7	873	284	313	276	117	143	220	
Unemployed persons, last worked 1959 or earlier? ²	75	72	3	—	...	...	...	...	...	...	...

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

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

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

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

GARY-HAMMOND-EAST CHICAGO SMSA

	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
					Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960-63	1964-68	1969-70
Male, 16 years old and over	162 849	138 909	23 418	8 377	160 458	115 904	33 986	10 568	3 126	7 388	12 490
Professional, technical, and kindred workers	15 544	14 451	966	330	15 450	10 924	3 774	752	112	352	790
Accountants	1 073	1 027	46	33	1 073	888	125	60	6	36	18
Architects	82	82	—	—	82	73	—	9	—	4	—
Computer specialists	312	312	—	5	312	293	10	9	—	—	10
Engineers	2 720	2 668	25	27	2 707	2 393	240	74	27	69	98
Aeronautical and astronautical	—	—	—	—	—	—	—	—	—	—	5
Civil	449	443	6	16	442	376	56	10	4	16	11
Electrical and electronic	399	392	—	—	399	343	37	19	—	16	21
Mechanical	393	393	—	5	393	338	41	14	18	7	19
Other engineers	1 479	1 440	19	6	1 473	1 336	106	31	5	30	42
Lawyers and judges	508	503	5	14	508	412	78	18	4	19	28
Life and physical scientists	709	673	26	17	706	598	102	6	24	33	39
Chemists	662	626	26	17	659	561	92	6	24	28	39
Physicians, dentists, and related practitioners	933	848	46	36	933	697	222	14	—	35	24
Dentists	185	175	10	—	185	103	74	8	—	10	7
Pharmacists	273	259	14	22	273	241	26	6	—	11	5
Physicians, medical and osteopathic	382	321	22	14	382	276	106	—	—	14	8
Other related practitioners	93	93	—	—	93	77	16	—	—	—	4
Health technologists and technicians	142	142	—	—	142	107	30	5	—	—	4
Religious workers	604	573	31	24	604	542	39	23	10	21	25
Social scientists	62	62	—	—	62	53	9	—	6	—	—
Social and recreation workers	231	169	62	8	231	177	35	19	—	—	55
Teachers	3 308	2 900	379	76	3 294	1 057	2 036	201	12	21	103
College and university	530	504	14	13	530	236	258	36	4	5	4
Elementary and prekindergarten	737	591	141	18	737	208	467	62	5	—	52
Secondary	1 886	1 666	208	45	1 872	522	1 257	93	—	16	42
Engineering and science technicians	2 448	2 296	142	42	2 436	1 878	408	150	6	49	198
Draftsmen and surveyors	835	804	26	20	835	644	143	48	6	33	93
Electrical and electronic engineering technicians	183	183	—	5	183	146	15	22	—	—	13
Technicians, except health, and engineering and science	164	164	—	6	164	119	39	6	—	—	11
Airplane pilots	17	17	—	—	17	—	—	—	—	—	—
Writers, artists, and entertainers	656	599	57	4	656	477	100	59	—	14	57
Other professional, technical, and kindred workers	1 592	1 433	147	38	1 560	1 160	301	99	17	51	120
Managers and administrators, except farm	10 255	9 742	483	211	10 186	8 843	1 124	219	125	373	412
Buyers, purchasing agents, and sales managers	1 229	1 208	16	16	1 229	1 121	93	15	—	42	22
School administrators	366	330	36	19	366	171	195	—	—	8	11
Specified managers and administrators, public administration	359	317	42	16	354	316	26	12	10	26	43
Other specified managers and administrators	2 075	1 921	146	84	2 049	1 778	215	56	46	73	107
Managers and administrators, n.e.c., salaried	4 890	4 765	119	42	4 868	4 349	426	93	46	147	131
Manufacturing	1 349	1 331	18	12	1 344	1 263	57	24	23	65	34
Wholesale and retail trade	1 641	1 600	41	6	1 641	1 444	172	25	13	34	41
Transportation, communications, and other public utilities	482	482	—	9	482	417	57	8	5	13	4
All other industries	1 418	1 352	60	15	1 401	1 225	140	36	5	35	52
Managers and administrators, n.e.c., self-employed	1 336	1 201	124	34	1 320	1 108	169	43	23	77	98
Construction	254	226	28	—	254	183	54	17	—	10	5
Manufacturing	42	31	11	—	42	35	7	—	—	10	4
Wholesale and retail trade	783	712	66	34	767	667	80	20	19	40	63
All other industries	257	232	19	—	257	223	28	6	4	17	26
Sales workers	6 336	6 034	302	168	6 213	4 816	970	427	65	224	480
Insurance agents, brokers, and underwriters	1 043	1 007	36	43	1 043	881	119	43	6	34	23
Real estate agents and brokers	354	348	6	6	354	296	47	11	9	17	20
Sales representatives, manufacturing industries	586	564	22	19	575	476	84	15	—	22	13
Sales representatives, wholesale trade	1 025	1 016	9	—	1 014	894	95	25	—	5	37
Sales clerks, retail trade	1 481	1 315	166	57	1 414	904	317	193	21	66	220
Salesmen, retail trade	1 015	996	19	9	1 010	794	173	43	7	17	40
Salesmen of services and construction	227	218	9	14	227	173	31	23	—	17	6
Other sales workers	605	570	35	20	576	398	104	74	22	46	121
Clerical and kindred workers	10 205	9 060	1 131	419	10 058	7 766	1 597	695	182	467	729
Bank tellers and cashiers	205	185	20	3	184	100	39	45	5	5	44
Bookkeepers and billing clerks	814	781	33	20	814	649	124	41	9	48	43
Mail handlers and postal clerks	868	597	271	7	857	718	101	38	14	28	22
Other clerical and kindred workers	8 318	7 497	807	389	8 203	6 299	1 333	571	154	386	620
Craftsmen and kindred workers	51 993	46 235	5 658	2 254	51 627	39 424	10 608	1 595	1 147	2 175	2 246
Apparel craftsmen and upholsterers	150	139	11	—	150	122	23	5	4	5	—
Bakers	140	128	12	13	136	73	30	33	—	10	—
Cabinetmakers	67	67	—	6	59	41	9	9	—	5	—
Construction craftsmen	13 437	12 454	965	492	13 336	8 538	4 240	558	250	487	694
Carpenters	2 556	2 437	115	23	2 538	1 305	1 084	149	56	105	145
Excavating, grading, and road machine operators	1 428	1 255	173	138	1 423	955	407	61	15	32	68
Electricians	3 252	3 147	100	106	3 228	2 531	590	107	43	104	114
Masons and tile setters	1 359	1 070	289	86	1 345	816	461	68	49	43	77
Painters, construction and maintenance, and paperhangers	711	652	59	26	707	356	277	74	15	45	96
Plasterers and cement finishers	242	189	53	—	236	86	146	4	—	4	30
Plumbers and pipe fitters	2 524	2 391	133	71	2 499	1 742	709	48	60	123	77
Other construction craftsmen	1 365	1 313	43	42	1 360	747	566	47	12	31	87
Foremen, n.e.c.	7 996	7 481	505	219	7 970	7 196	681	93	240	372	217
Manufacturing	6 353	5 965	378	179	6 332	5 857	424	51	187	270	159
Nonmanufacturing industries	1 643	1 516	127	40	1 638	1 339	257	42	53	102	58
Linemen and servicemen, telephone and power	799	759	40	12	793	663	111	19	4	24	43
Locomotive engineers and firemen	709	635	74	38	709	541	163	5	37	65	23
Mechanics and repairmen	9 268	8 418	819	280	9 224	7 304	1 617	303	175	245	347
Air conditioning, heating, and refrigeration	305	268	37	—	305	242	35	28	10	—	—
Aircraft	26	26	—	8	26	—	6	—	—	—	—
Automobile, including body	2 691	2 379	302	81	2 682	2 056	507	119	8	18	141
Radio and television	459	436	23	23	459	340	103	16	—	9	4
Other mechanics and repairmen	5 787	5 309	457	168	5 752	4 646	966	140	157	218	202
Metal craftsmen, except mechanics	8 174	7 279	880	377	8 142	6 517	1 436	189	229	374	227
Machinists and job and die setters	2 048	1 945	98	60	2 036	1 728	255	53	69	72	50
Sheetmetal workers and tinsmiths	489	489	—	6	489	375	92	22	11	12	—
Tool and die makers	544	529	15	26	544	446	81	17	11	5	5
Other metal craftsmen	5 093	4 316	767	285	5 073	3 968	1 008	97	138	285	172
Printing craftsmen	530	501	29	24	530	415	101	14	—	10	41
Compositors and typesetters	253	239	14	7	253	200	48	5	—	10	21
Pressmen and plate printers, printing	147	142	5	17	147	129	18	—	—	—	11
Stationary engineers and power station operators	1 037	915	122	51	1 022	876	132	14	33	56	57
Other craftsmen and kindred workers	9 686	7 459	2 201	742	9 556	7 138	2 065	353	175	522	597

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
					Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960-63	1964-68	1969-70
GARY-HAMMOND-EAST CHICAGO SMSA—Continued											
Male, 16 years old and over—Continued											
Operatives, except transport	29 742	23 331	6 337	2 081	29 254	20 949	6 492	1 813	602	1 526	1 821
Assemblers.....	1 098	923	169	71	1 087	644	351	92	9	17	79
Checkers, examiners, and inspectors, manufacturing.....	1 680	1 530	150	107	1 655	1 317	253	85	10	51	95
Garage workers and gas station attendants.....	1 179	1 029	150	14	1 121	411	386	324	5	54	228
Laundry and drycleaning operatives, n.e.c.....	109	75	34	6	109	53	45	11	5	5	18
Meat cutters and butchers.....	633	620	13	27	626	477	108	41	—	61	15
Mine operatives, n.e.c.....	53	34	19	—	53	39	14	—	—	—	10
Packers and wrappers, except produce.....	375	273	102	49	327	207	53	67	5	11	99
Pointers, manufactured articles.....	415	347	68	16	415	262	110	43	—	38	12
Precision machine operatives.....	1 665	1 371	294	71	1 636	1 280	274	82	40	98	75
Sawyers.....	217	169	48	19	205	140	47	18	10	24	30
Stationary firemen.....	468	385	83	50	464	385	73	6	32	34	25
Textile operatives.....	41	32	9	—	41	36	5	—	9	—	—
Welders and flamecutters.....	4 222	3 353	848	301	4 190	3 010	1 015	165	48	210	97
Other metalworking operatives.....	3 242	2 285	957	291	3 223	2 397	716	110	108	253	142
Other specified operatives.....	3 908	2 918	963	246	3 797	2 661	914	222	126	208	304
Miscellaneous and not specified operatives.....	10 437	7 987	2 430	813	10 305	7 630	2 128	547	195	462	592
Occupation:											
Machine operatives, miscellaneous specified.....	3 857	2 941	916	170	3 818	2 887	780	151	67	219	231
Machine operatives, not specified.....	1 494	1 145	343	141	1 475	1 154	267	54	53	64	82
Miscellaneous operatives.....	3 455	2 729	712	333	3 417	2 399	755	263	60	98	145
Not specified operatives.....	1 631	1 172	459	169	1 595	1 190	326	79	15	81	134
Industry:											
Manufacturing	9 733	7 396	2 317	784	9 621	7 156	1 973	492	176	436	538
Durable goods.....	7 890	5 765	2 105	732	7 799	5 778	1 625	396	146	304	412
Wood products, including furniture.....	64	48	16	—	64	42	22	—	—	—	5
Primary metal industries.....	6 109	4 395	1 700	643	6 043	4 556	1 205	282	101	261	296
Fabricated metal industries.....	675	510	159	44	671	448	180	43	25	16	33
Machinery, including electrical.....	289	271	18	—	284	219	39	26	—	7	41
Motor vehicles and equipment.....	198	155	43	5	198	134	64	—	—	—	24
Transportation equipment, except motor vehicles.....	159	131	28	8	153	110	32	11	14	5	8
Other durable goods.....	396	255	141	32	386	269	83	34	6	15	5
Nondurable goods.....	1 816	1 604	212	52	1 795	1 361	344	90	30	127	126
Food and kindred products.....	241	170	71	—	241	184	43	14	—	7	13
Apparel and other fabricated textile products.....	9	9	—	—	9	4	5	—	—	—	—
Paper and allied products.....	185	165	20	19	176	112	43	21	—	—	14
Chemicals and allied products.....	502	428	74	5	495	409	68	18	5	41	21
Other nondurable goods.....	879	832	47	28	874	652	185	37	25	79	78
Not specified manufacturing industries.....	27	27	—	—	27	17	4	6	—	5	—
Nonmanufacturing industries	704	591	113	29	684	474	155	55	19	26	54
Transportation, communications, and other public utilities.....	185	157	28	22	180	144	28	8	11	4	12
Wholesale and retail trade.....	274	210	64	—	265	195	44	26	5	6	14
All other industries.....	245	224	21	7	239	135	83	21	3	16	28
Transport equipment operatives	9 678	8 051	1 587	495	9 552	6 696	2 304	552	137	376	630
Bus drivers.....	371	284	87	10	365	253	112	22	10	4	5
Taxicab drivers and chauffeurs.....	181	155	26	16	174	101	57	16	5	29	15
Truck drivers and deliverymen.....	6 136	5 432	686	175	6 086	4 276	1 475	335	63	177	353
Other transport equipment operatives.....	2 990	2 180	788	282	2 927	2 066	660	201	59	166	257
Laborers, except farm	16 377	11 712	4 569	1 731	15 842	8 722	4 450	2 670	329	893	2 868
Construction laborers.....	2 216	1 664	542	181	2 198	1 000	939	44	44	129	462
Freight, stock, and material handlers.....	5 191	4 218	958	463	4 964	2 747	1 217	1 000	83	185	949
Other specified laborers.....	2 001	1 414	555	112	1 895	970	422	503	25	114	566
Miscellaneous and not specified laborers.....	6 969	4 416	2 514	975	6 785	4 005	1 872	908	177	465	891
Occupation:											
Miscellaneous laborers.....	4 003	2 282	1 715	589	3 947	2 667	1 034	246	141	262	352
Not specified laborers.....	2 966	2 134	799	386	2 838	1 338	838	662	36	203	539
Industry:											
Manufacturing	6 207	3 802	2 366	886	6 064	3 620	1 676	768	144	398	625
Durable goods.....	5 949	3 583	2 327	874	5 811	3 500	1 602	709	139	370	560
Wood products, including furniture.....	20	20	—	—	20	—	—	—	—	—	—
Metal industries.....	5 640	3 316	2 285	830	5 502	3 313	1 531	658	139	347	521
Machinery, including electrical.....	27	20	7	—	27	19	8	—	—	—	4
Transportation equipment.....	139	129	10	19	139	98	30	11	—	19	23
Other durable goods.....	123	98	25	25	123	50	41	32	—	4	12
Nondurable goods.....	241	205	36	12	236	113	74	49	5	28	59
Food and kindred products.....	37	37	—	6	37	20	17	—	—	8	5
Not specified manufacturing industries.....	17	14	3	—	17	7	—	10	—	—	6
Nonmanufacturing industries	762	614	148	89	721	385	196	140	33	67	266
Railroads and railway express service.....	182	154	28	47	171	112	51	8	14	20	40
Transportation, except railroads.....	24	24	—	—	24	4	11	9	—	—	9
Communications, and utilities and sanitary services.....	123	90	33	13	123	77	41	5	9	4	54
Wholesale and retail trade.....	170	140	30	16	154	77	52	25	—	37	57
All other industries.....	263	206	57	13	249	115	41	93	10	6	106
Farmers and farm managers	866	852	14	—	851	702	115	34	29	85	144
Farm laborers and farm foremen.....	428	387	41	—	409	258	85	66	21	19	204
Paid farm laborers and farm foremen.....	341	300	41	—	322	185	75	62	16	14	187
Unpaid family workers.....	87	87	—	—	87	73	10	4	5	5	17
Service workers, except private household	11 338	9 001	2 296	675	10 992	6 787	2 465	1 740	377	892	2 162
Cleaning service workers.....	4 914	3 531	1 378	482	4 744	2 761	1 189	794	166	431	868
Food service workers.....	1 814	1 655	142	48	1 698	601	583	42	67	152	658
Cooks, except private household.....	613	546	67	28	577	189	203	185	35	30	198
Busboys and dishwashers.....	392	367	25	—	367	49	111	207	7	41	271
Health service workers.....	157	99	58	—	136	80	25	31	10	6	60
Personal service workers.....	868	747	121	30	859	492	225	142	9	80	249
Protective service workers.....	2 946	2 547	383	88	2 941	2 444	372	125	91	204	158
Firemen, fire protection.....	704	602	102	30	704	657	37	10	4	29	—
Guards and watchmen.....	995	861	124	—	995	709	180	106	80	134	112
Police and detectives.....	1 128	965	157	58	1 123	973	145	5	4	10	31
Private household workers	29	19	10	6	24	17	2	5	—	6	4
Unemployed persons, last worked 1959 or earlier?	58	34	24	7	...	...	...	...	...	...	...

*Includes allocated cases not shown separately. *See text for explanation.

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

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

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

GARY-HAMMOND-EAST CHICAGO SMSA—Continued

	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
					Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960-63	1964-68	1969-70
Female, 16 years old and over	80 276	64 439	15 576	3 150	75 241	36 023	24 488	14 730	8 308	20 525	22 164
Professional, technical, and kindred workers	11 487	9 090	2 278	274	11 183	3 604	5 664	1 915	709	1 795	2 200
Accountants	381	352	23	8	369	237	76	56	62	32	60
Computer specialists	73	69	4	—	73	22	41	10	—	5	4
Librarians	235	180	48	6	225	56	130	39	5	15	46
Mathematical specialists	16	12	4	—	16	16	—	—	—	7	5
Life and physical scientists	91	91	—	—	91	64	27	—	—	—	—
Registered nurses, dietitians, and therapists	2 306	1 936	314	83	2 251	1 084	853	314	155	489	328
Dietitians	67	23	37	—	67	24	38	5	5	9	10
Registered nurses	2 079	1 788	242	64	2 036	1 012	726	298	142	455	279
Health technologists and technicians	599	433	162	45	597	396	147	54	34	79	91
Social scientists	44	32	12	—	44	12	26	6	—	—	6
Social and recreation workers	469	242	222	25	443	194	142	107	13	72	139
Teachers:	186	166	20	8	177	32	106	39	5	18	13
College and university	3 660	2 889	766	24	3 587	449	2 474	664	191	513	734
Elementary and prekindergarten	1 502	1 123	374	24	1 472	169	953	350	116	269	348
Secondary	282	253	29	—	277	63	152	62	5	27	44
Other teachers	261	200	61	18	255	169	76	10	16	32	30
Engineering and science technicians	60	55	5	—	55	19	11	25	—	—	8
Technicians, except health, and engineering and science	340	301	39	7	315	172	91	52	4	79	82
Writers, artists, and entertainers	15	10	5	—	15	—	10	5	—	5	4
Actors and dancers	122	106	16	—	106	49	38	19	—	31	30
Authors, editors, and reporters	982	756	195	26	936	450	359	127	103	158	262
Other professional, technical, and kindred workers	2 314	2 093	221	52	2 253	1 512	519	222	198	404	374
Managers and administrators, except farm	332	332	—	5	328	260	43	25	34	60	38
Buyers, purchasing agents, and sales managers	250	208	42	16	236	118	96	22	40	52	77
Restaurant, cafeteria, and bar managers	147	134	13	—	147	48	95	4	—	—	11
School administrators	566	493	73	9	555	378	86	91	59	124	113
Other specified managers and administrators	651	609	42	7	647	483	108	56	46	128	104
Managers and administrators, n.e.c., salaried	258	244	14	7	258	194	54	10	14	45	23
Wholesale and retail trade	368	317	51	15	340	225	91	24	19	40	31
Managers and administrators, n.e.c., self-employed	242	206	36	15	219	154	56	9	9	31	22
Wholesale and retail trade	6 568	5 972	586	227	6 050	2 674	1 806	1 570	855	2 191	2 478
Sales workers	359	351	8	—	314	69	109	136	30	139	174
Demonstrators, hucksters, and peddlers	300	289	11	7	289	187	44	58	—	48	79
Insurance, real estate agents, and brokers	4 781	4 318	463	164	4 509	1 966	1 355	1 188	694	1 714	1 658
Sales clerks, retail trade	207	207	—	6	207	105	72	30	23	71	112
Salesmen, retail trade	921	807	104	44	731	347	226	158	108	219	455
Other sales workers	29 926	26 122	3 779	1 271	28 488	16 337	7 137	5 014	3 393	7 352	7 449
Clerical and kindred workers	778	717	57	24	768	452	180	136	107	224	201
Bank tellers	2 967	2 778	184	106	2 850	1 906	684	260	276	599	694
Bookkeepers	3 355	2 897	448	139	3 098	1 313	994	791	359	988	1 013
Cashiers	698	566	132	26	668	269	236	163	72	216	192
Counter clerks, except food	102	54	48	8	86	37	10	39	28	27	42
Enumerators and interviewers	940	728	212	100	877	411	225	241	145	250	305
File clerks	1 597	1 304	293	43	1 565	992	339	234	217	450	366
Office machine operators	182	165	17	—	182	127	45	10	27	49	49
Bookkeeping and billing machine operators	972	770	202	26	945	597	215	133	105	275	204
Keypunch operators	350	320	30	5	350	259	49	42	24	98	75
Payroll and timekeeping clerks	845	759	86	42	774	416	196	162	112	269	310
Receptionists	6 430	5 887	537	242	6 234	3 901	1 546	787	715	1 519	1 235
Secretaries	333	312	21	9	321	264	25	32	58	75	69
Stenographers	928	824	104	44	908	488	197	223	209	293	218
Telephone operators	3 032	2 555	477	142	2 894	1 569	708	617	409	739	809
Typists	7 571	6 421	1 150	341	7 095	4 060	1 748	1 287	621	1 605	1 920
Other clerical and kindred workers	1 696	1 333	363	86	1 622	954	477	191	78	260	326
Craftsmen and kindred workers	289	249	40	—	289	222	56	11	—	37	52
Foremen, n.e.c.	7 909	5 725	2 133	408	7 433	3 882	2 253	1 298	995	2 529	2 484
Operatives, except transport	664	508	156	33	613	319	192	102	115	284	312
Assemblers	38	12	26	—	38	33	5	—	13	24	—
Bottling and canning operatives	709	567	134	59	699	436	204	59	86	184	209
Checkers, examiners, and inspectors; manufacturing	223	177	46	7	219	100	103	16	40	44	69
Dressmakers and seamstresses, except factory	711	386	320	18	688	352	251	85	105	224	187
Laundry and drycleaning operatives, including ironers	149	125	24	—	144	71	45	28	10	31	17
Graders and sorters, manufacturing	1 202	939	258	67	1 100	526	288	286	147	382	391
Packers and wrappers, except produce	812	592	202	100	781	490	209	82	151	316	210
Sewers and stitchers	15	15	—	—	15	4	11	—	21	10	4
Textile operatives	1 695	1 242	442	63	1 529	801	462	266	193	510	545
Other specified operatives	1 691	1 162	525	61	1 607	750	483	374	114	520	540
Miscellaneous and not specified operatives	1 473	1 003	466	57	1 405	680	427	298	90	429	409
Manufacturing	883	601	282	25	841	399	253	189	43	295	202
Durable goods	136	96	40	—	126	64	42	20	11	93	84
Machinery, including electrical	747	505	242	25	715	335	211	169	32	202	118
Other durable goods	590	402	184	32	564	281	174	109	47	134	207
Nondurable goods, including not specified manufacturing	113	41	72	—	107	44	28	35	10	15	32
Food and kindred products	59	40	19	12	59	30	24	5	4	14	47
Apparel and other fabricated textile products	218	159	59	4	202	70	56	76	24	91	131
Nonmanufacturing industries	537	436	96	6	503	166	243	94	26	40	63
Transport equipment operatives	1 043	600	438	39	935	381	301	253	126	274	389
Laborers, except farm	47	40	7	—	47	47	—	—	—	16	—
Farmers and farm managers	102	64	33	7	87	29	32	26	12	68	107
Farm laborers and farm foremen	62	24	33	7	47	6	15	26	6	63	64
Paid farm laborers and farm foremen	40	40	—	—	40	23	17	—	6	5	43
Unpaid family workers	16 317	11 810	4 470	735	14 947	5 856	5 410	3 681	1 639	4 955	5 613
Service workers, except private household¹	2 699	1 662	1 024	172	2 527	1 350	688	489	246	558	671
Cleaning service workers	337	190	147	12	308	156	71	81	55	151	128
Chambermaids and maids	7 170	5 873	1 288	248	6 515	1 995	2 522	1 998	891	2 863	3 019
Food service workers	2 109	1 511	598	68	1 941	653	882	406	170	659	625
Cooks, except private household	3 626	3 224	393	127	3 256	945	1 160	597	1 741	1 812	1 812
Waiters and food counter workers	2 745	1 496	1 244	138	2 579	1 298	796	485	240	639	711
Health service workers	1 713	845	868	96	1 583	795	441	347	156	478	527
Nursing aides, orderlies, and attendants	566	287	279	18	562	300	213	49	17	55	67
Practical nurses	2 248	1 726	522	76	2 078	729	919	430	172	619	609
Personal service workers	1 267	1 106	161	38	1 188	501	467	220	111	358	249
Hairdressers and cosmetologists	1 993	930	1 059	39	1 893	581	646	466	277	641	687
Private household workers	89	69	20	7	89	67	11	11	—	—	—
Private household workers, living in	1 904	861	1 039	32	1 604	514	635	455	277	641	687
Private household workers, living out	337	224	113	6	...	...	...	...	...	...	...
Unemployed persons, last worked 1959 or earlier²											

¹Includes protective service

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force			
					Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960-63	1964-68	1969-70	
INDIANAPOLIS SMSA												
Male, 16 years old and over	281 494	252 645	28 185	1 952	278 497	209 948	51 879	16 670	4 521	12 192	23 522	
Professional, technical, and kindred workers	38 765	36 911	1 691	402	38 600	30 026	6 832	1 742	303	911	1 636	
Accountants	3 476	3 410	66	54	3 460	3 040	292	128	31	153	103	
Architects	327	312	15	6	327	284	29	14	—	5	13	
Computer specialists	1 213	1 162	51	—	1 213	1 081	97	35	—	—	—	
Engineers	7 545	7 404	103	71	7 535	6 794	561	180	95	223	184	
Aeronautical and astronautical	373	361	12	—	373	344	12	17	—	6	17	
Civil	884	855	6	23	884	810	57	17	21	19	21	
Electrical and electronic	1 529	1 480	39	—	1 524	1 398	117	9	10	57	37	
Mechanical	1 270	1 253	12	25	1 270	1 060	151	59	25	40	29	
Other engineers	3 489	3 455	34	23	3 484	3 182	224	78	39	101	80	
Lawyers and judges	1 569	1 545	24	32	1 566	1 280	245	41	10	5	25	
Life and physical scientists	1 228	1 168	51	13	1 222	1 062	124	36	14	9	48	
Chemists	840	785	51	13	834	724	78	32	10	9	20	
Physicians, dentists, and related practitioners	3 057	2 940	101	31	3 057	2 115	758	184	4	77	147	
Dentists	606	591	15	6	606	379	188	39	—	13	21	
Pharmacists	672	649	23	—	672	541	87	44	4	59	25	
Physicians, medical and osteopathic	1 448	1 391	41	25	1 448	998	362	88	—	5	91	
Other related practitioners	331	309	22	—	331	197	121	13	—	—	10	
Health technologists and technicians	510	401	88	25	510	371	89	50	—	19	60	
Religious workers	1 326	1 204	117	—	1 315	1 152	133	30	7	49	86	
Social scientists	450	445	5	7	450	395	39	16	5	10	16	
Social and recreation workers	474	385	89	—	474	327	97	50	5	12	100	
Teachers	5 165	4 798	333	40	5 132	2 100	2 702	330	37	75	213	
College and university	794	759	21	—	794	464	299	31	14	11	46	
Elementary and prekindergarten	1 246	1 110	125	20	1 228	430	704	94	—	23	32	
Secondary	2 760	2 580	171	4	2 754	966	1 633	155	23	36	98	
Engineering and science technicians	4 467	4 253	198	32	4 462	3 744	529	189	23	59	247	
Draftsmen and surveyors	1 835	1 782	37	7	1 830	1 462	265	103	15	30	145	
Electrical and electronic engineering technicians	760	729	31	7	760	674	77	9	—	7	4	
Technicians, except health, and engineering and science	1 003	980	17	14	1 003	886	92	25	—	17	26	
Airplane pilots	203	203	—	7	203	188	10	5	—	—	—	
Writers, artists, and entertainers	2 696	2 553	143	40	2 655	2 014	448	193	31	86	208	
Other professional, technical, and kindred workers	4 259	3 951	290	37	4 219	3 381	597	241	41	112	160	
Managers and administrators, except farm	30 416	29 596	795	266	30 330	26 731	3 087	512	491	1 136	1 035	
Buyers, purchasing agents, and sales managers	5 016	4 941	75	40	5 011	4 512	422	77	45	136	110	
School administrators	717	628	89	—	717	427	270	20	11	22	17	
Specified managers and administrators, public administration	1 305	1 247	58	12	1 299	1 183	78	38	—	79	92	
Other specified managers and administrators	5 517	5 331	186	47	5 462	4 726	639	97	109	246	262	
Managers and administrators, n.e.c., salaried	14 260	14 032	216	134	14 244	12 851	1 193	200	177	476	413	
Manufacturing	3 587	3 573	14	26	3 587	3 306	249	32	52	112	93	
Wholesale and retail trade	4 588	4 513	75	32	4 582	4 144	368	70	45	142	97	
Transportation, communications, and other public utilities	1 390	1 382	8	30	1 390	1 278	102	10	34	68	51	
All other industries	4 695	4 564	119	46	4 685	4 123	474	88	46	154	172	
Managers and administrators, n.e.c., self-employed	3 601	3 417	171	33	3 597	3 032	465	80	132	177	141	
Construction	853	781	72	13	853	577	244	32	34	58	54	
Manufacturing	279	268	11	—	279	244	31	4	6	18	—	
Wholesale and retail trade	1 762	1 698	51	15	1 758	1 593	144	21	78	61	67	
All other industries	707	670	37	5	707	618	66	23	14	40	20	
Sales workers	21 801	21 195	581	114	21 633	17 400	3 118	1 115	283	654	1 470	
Insurance agents, brokers, and underwriters	3 147	3 038	109	19	3 141	2 656	410	75	39	55	26	
Real estate agents and brokers	936	905	25	—	936	773	145	18	15	59	19	
Sales representatives, manufacturing industries	3 208	3 180	19	21	3 195	2 782	374	39	27	74	102	
Sales representatives, wholesale trade	4 579	4 492	87	8	4 566	3 931	539	96	43	74	90	
Sales clerks, retail trade	4 000	3 808	186	41	3 925	2 639	812	474	34	190	711	
Salesmen, retail trade	2 705	2 638	63	6	2 686	2 122	432	132	55	70	132	
Salesmen of services and construction	1 299	1 264	35	7	1 292	1 088	104	100	27	30	86	
Other sales workers	1 927	1 870	57	12	1 892	1 409	302	181	43	102	364	
Clerical and kindred workers	22 220	19 530	2 626	149	22 027	17 289	3 415	1 323	356	1 141	1 902	
Bank tellers and cashiers	579	500	69	—	569	331	142	96	22	47	95	
Bookkeepers and billing clerks	1 682	1 598	79	—	1 677	1 436	169	72	36	120	136	
Mail handlers and postal clerks	3 086	2 149	937	9	3 073	2 481	458	134	47	145	229	
Other clerical and kindred workers	16 873	15 283	1 541	140	16 708	13 041	2 646	1 021	251	829	1 442	
Craftsmen and kindred workers	61 932	57 623	4 157	285	61 527	47 268	12 019	2 240	1 123	2 654	3 530	
Apparel craftsmen and upholsterers	261	237	18	—	261	201	39	21	10	22	23	
Bakers	385	318	67	—	380	282	76	22	20	14	42	
Cabinetmakers	259	253	6	—	259	226	16	17	10	34	35	
Construction craftsmen	14 386	13 211	1 128	52	14 322	8 383	5 088	851	342	683	1 209	
Carpenters	3 940	3 813	116	8	3 906	2 201	1 454	251	120	251	362	
Excavating, grading, and road machine operators	1 004	885	119	—	996	491	436	69	9	26	72	
Electricians	2 377	2 279	83	7	2 372	1 895	424	53	30	83	121	
Masons and tile setters	1 341	1 189	152	7	1 341	578	665	98	35	36	77	
Painters, construction and maintenance, and paperhangers	1 858	1 663	189	15	1 846	902	712	232	40	140	335	
Plasterers and cement finishers	659	364	295	—	654	259	374	21	32	37	78	
Plumbers and pipe fitters	2 241	2 125	112	15	2 241	1 636	539	66	66	74	115	
Other construction craftsmen	966	893	62	—	966	421	484	61	10	36	49	
Foremen, n.e.c.	9 561	9 176	385	37	9 549	8 673	780	96	152	409	306	
Manufacturing	5 753	5 578	175	28	5 741	5 316	387	38	105	237	175	
Nonmanufacturing industries	3 808	3 598	210	9	3 808	3 357	393	58	47	172	131	
Linemen and servicemen, telephone and power	2 328	2 178	150	20	2 322	1 918	318	86	21	40	49	
Locomotive engineers and firemen	473	464	5	—	469	371	88	10	26	40	18	
Mechanics and repairmen	14 807	13 816	942	59	14 701	11 873	2 322	506	161	555	615	
Air conditioning, heating, and refrigeration	992	921	61	—	964	708	233	23	6	18	36	
Aircraft	515	497	18	—	515	472	43	—	5	18	6	
Automobile, including body	5 846	5 426	397	30	5 809	4 549	1 009	251	78	237	270	
Radio and television	876	704	160	5	876	678	163	35	—	36	24	
Other mechanics and repairmen	6 578	6 268	306	24	6 537	5 466	874	197	72	246	279	
Metal craftsmen, except mechanics	9 876	9 230	618	64	9 851	8 220	1 446	185	155	293	266	
Machinists and job and die setters	4 285	4 055	214	42	4 276	3 589	602	85	63	87	108	
Sheetmetal workers and tinsmiths	938	906	32	8	938	719	214	5	13	44	22	
Tool and die makers	2 391	2 357	29	5	2 379	2 058	289	32	25	75	57	
Other metal craftsmen	2 262	1 912	343	9	2 258	1 854	341	63	54	87	79	
Printing craftsmen	2 348	2 270	78	—	2 343	1 907	350	86	28	98	97	
Compositors and typesetters	943	906	37	—	943	766	116	61	14	37	56	
Pressmen and plate printers, printing	1 032	991	41	—	1 027	835	167	25	9	43	19	

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

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

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

INDIANAPOLIS SMSA—Continued

Male, 16 years old and over—Continued

	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force			Year last worked of experienced workers not in labor force			
					Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960-63	1964-68	1969-70
Operatives, except transport	46 114	39 315	6 714	325	45 499	33 562	9 234	2 703	623	1 957	3 420
Assemblers.....	4 377	3 480	887	30	4 328	3 130	1 020	178	30	140	271
Checkers, examiners, and inspectors, manufacturing.....	3 644	3 337	297	23	3 627	2 921	632	74	46	141	189
Garage workers and gas station attendants.....	2 705	2 476	229	14	2 613	1 026	810	777	4	71	658
Laundry and drycleaning operatives, n.e.c.....	298	181	113	—	293	186	61	46	4	8	53
Meat cutters and butchers.....	1 118	963	155	5	1 111	815	230	66	36	50	66
Mine operatives, n.e.c.....	88	79	9	—	88	69	8	—	—	14	5
Packers and wrappers, except produce.....	1 248	1 002	246	14	1 219	766	278	175	34	40	158
Painters, manufactured articles.....	634	559	75	11	610	413	160	37	9	50	48
Precision machine operatives.....	6 302	5 742	554	33	6 257	5 187	923	147	71	258	208
Sawyers.....	283	252	31	—	283	221	45	17	4	20	27
Stationary firemen.....	469	420	49	7	469	415	50	4	15	23	21
Textile operatives.....	49	49	—	—	42	30	12	—	—	9	12
Welders and flamecutters.....	3 176	2 813	358	14	3 170	2 409	694	67	27	101	126
Other metalworking operatives.....	3 554	2 905	643	22	3 514	2 627	759	128	57	145	185
Other specified operatives.....	5 755	4 580	1 153	60	5 579	3 844	1 280	455	85	326	642
Miscellaneous and not specified operatives.....	12 414	10 477	1 915	92	12 296	9 503	2 272	521	201	561	751
Occupation:											
Machine operatives, miscellaneous specified.....	5 178	4 356	805	53	5 110	4 024	919	167	88	275	301
Machine operatives, not specified.....	3 732	3 122	605	—	3 722	2 929	656	137	53	94	166
Miscellaneous operatives.....	2 307	1 992	315	30	2 274	1 635	471	168	43	105	194
Not specified operatives.....	1 197	1 007	190	9	1 190	915	226	49	17	87	90
Industry:											
Manufacturing	10 607	8 896	1 689	83	10 550	8 272	1 917	361	182	489	625
Durable goods.....	7 126	5 849	1 272	22	7 103	5 523	1 360	220	97	358	424
Wood products, including furniture.....	157	143	14	—	157	114	43	—	4	8	17
Primary metal industries.....	391	269	122	6	391	322	55	14	10	18	31
Fabricated metal industries.....	491	426	65	—	487	334	107	46	6	55	44
Machinery, including electrical.....	2 216	1 937	274	7	2 216	1 766	392	58	32	88	111
Motor vehicles and equipment.....	2 482	1 901	581	9	2 473	1 925	497	51	34	107	123
Transportation equipment, except motor vehicles.....	762	622	140	—	757	603	133	21	—	38	17
Other durable goods.....	627	551	76	—	622	459	133	30	11	44	81
Nondurable goods.....	3 403	2 985	401	61	3 369	2 692	542	135	85	131	176
Food and kindred products.....	685	564	121	13	670	507	140	23	30	33	46
Apparel and other fabricated textile products.....	23	23	—	—	23	13	—	10	—	4	9
Paper and allied products.....	547	511	36	15	547	379	123	45	4	11	15
Chemicals and allied products.....	956	794	145	23	947	834	95	18	9	25	29
Other nondurable goods.....	1 192	1 093	99	10	1 182	959	184	39	42	58	77
Not specified manufacturing industries.....	78	62	16	—	78	57	15	6	—	—	25
Nonmanufacturing industries.....	1 807	1 581	226	9	1 746	1 231	355	160	19	72	126
Transportation, communications, and other public utilities.....	404	350	54	—	401	324	46	31	7	14	17
Wholesale and retail trade.....	893	796	97	6	853	610	162	81	7	48	43
All other industries.....	510	435	75	3	492	297	147	48	5	10	66
Transport equipment operatives	17 093	14 846	2 216	58	16 896	12 188	3 873	835	300	666	1 035
Bus drivers.....	773	682	91	—	773	591	165	17	26	83	64
Taxicab drivers and chauffeurs.....	574	402	172	—	569	366	181	22	15	25	56
Truck drivers and deliverymen.....	12 248	10 890	1 331	34	12 140	8 843	2 743	554	184	451	641
Other transport equipment operatives.....	3 498	2 872	622	24	3 414	2 388	784	242	75	107	274
Laborers, except farm	16 441	12 567	3 846	171	16 011	8 454	4 810	2 747	254	903	3 927
Construction laborers.....	2 903	1 992	911	39	2 871	1 142	1 267	462	58	149	690
Freight, stock, and material handlers.....	7 718	6 581	1 121	63	7 520	4 144	2 011	1 365	86	274	1 341
Other specified laborers.....	3 314	2 272	1 042	56	3 157	1 783	811	563	76	268	1 274
Miscellaneous and not specified laborers.....	2 506	1 722	772	13	2 463	1 385	721	357	34	212	620
Occupation:											
Miscellaneous laborers.....	772	486	286	13	754	490	206	58	21	93	98
Not specified laborers.....	1 734	1 236	486	—	1 709	895	515	299	13	119	522
Industry:											
Manufacturing	1 197	759	438	—	1 187	772	298	117	19	90	195
Durable goods.....	916	537	379	—	906	637	195	74	15	62	129
Wood products, including furniture.....	18	13	5	—	18	18	—	—	—	—	33
Metal industries.....	202	114	88	—	197	158	35	4	4	27	22
Machinery, including electrical.....	159	121	38	—	154	94	34	26	7	5	23
Transportation equipment.....	421	211	210	—	421	309	85	27	4	9	30
Other durable goods.....	116	78	38	—	116	58	41	17	—	21	21
Nondurable goods.....	281	222	59	—	281	135	103	43	4	28	59
Food and kindred products.....	150	110	40	—	150	77	54	19	—	9	11
Not specified manufacturing industries.....	—	—	—	—	—	—	—	—	—	—	7
Nonmanufacturing industries.....	1 309	963	334	13	1 276	613	423	240	15	122	425
Railroads and railway express service.....	169	131	26	13	161	97	51	13	6	28	22
Transportation, except railroads.....	53	42	11	—	53	24	13	16	—	—	35
Communications, and utilities and sanitary services.....	219	132	87	—	219	153	52	14	—	26	35
Wholesale and retail trade.....	463	341	122	—	449	178	178	84	5	23	159
All other industries.....	405	317	88	—	394	161	120	113	4	45	174
Farmers and farm managers	4 138	4 071	54	14	4 093	3 422	489	182	167	437	833
Farm laborers and farm foremen	1 392	1 344	48	19	1 352	753	306	293	43	129	643
Paid farm laborers and farm foremen.....	1 225	1 177	48	19	1 185	653	280	252	43	109	519
Unpaid family workers.....	167	167	—	—	167	100	26	41	—	20	124
Service workers, except private household¹	20 958	15 517	5 363	149	20 395	12 803	4 640	2 952	573	1 570	4 050
Cleaning service workers.....	7 787	4 920	2 862	39	7 625	4 946	1 854	825	258	625	1 291
Food service workers.....	4 353	3 518	796	51	4 179	1 475	1 299	1 405	47	296	1 506
Cooks, except private household.....	1 444	1 128	289	27	1 385	529	495	361	21	91	383
Busboys and dishwashers.....	1 106	856	245	12	1 042	167	321	154	—	—	628
Health service workers.....	659	419	240	—	620	327	148	54	13	56	72
Personal service workers.....	1 832	1 535	297	16	1 783	1 085	479	219	61	132	405
Protective service workers.....	4 809	4 326	463	23	4 787	4 004	568	215	118	314	309
Firemen, fire protection.....	932	895	33	—	927	856	71	—	24	26	27
Guards and watchmen.....	1 833	1 576	247	7	1 821	1 378	285	158	65	222	216
Policemen and detectives.....	1 647	1 521	120	16	1 642	1 496	128	18	10	14	39
Private household workers	138	77	61	—	134	52	56	26	5	34	41
Unemployed persons, last worked 1959 or earlier²	86	53	33	—	—	—	—	—	—	—	—

¹Includes allocated cases not shown separately.

²See text for explanation.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force				Year last worked at experienced workers not in labor force			
					Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960-63	1964-68	1969-70	
INDIANAPOLIS SMSA—Continued												
Female, 16 years old and over	178 922	152 955	25 464	1 109	171 541	91 918	51 276	28 347	13 859	37 445	43 738	
Professional, technical, and kindred workers	24 554	22 018	2 425	159	23 922	9 475	10 739	3 708	1 797	4 150	4 734	
Accountants	1 508	1 413	95	—	1 484	1 059	252	173	59	156	111	
Computer specialists	273	265	8	—	273	206	37	30	12	13	52	
Librarians	447	405	42	—	435	190	192	53	17	86	39	
Mathematical specialists	71	67	4	—	71	57	—	14	—	6	—	
Life and physical scientists	170	140	9	9	165	113	25	27	21	24	13	
Registered nurses, dietitians, and therapists	4 761	4 234	508	—	4 655	2 658	1 330	667	366	736	805	
Dietitians	274	167	107	—	274	154	72	48	16	30	16	
Registered nurses	4 116	3 747	355	—	4 026	2 317	1 168	541	333	646	718	
Health technologists and technicians	1 323	1 106	192	6	1 285	750	337	198	95	214	180	
Social scientists	104	102	2	—	93	65	18	10	6	—	—	
Social and recreation workers	768	647	121	6	750	399	256	95	24	95	203	
Teachers: College and university	412	398	10	—	406	114	264	28	17	48	60	
Elementary and kindergarten	6 644	5 843	796	25	6 496	790	4 472	1 234	487	1 421	1 471	
Secondary	2 804	2 538	260	52	2 743	327	1 976	440	229	510	589	
Other teachers	684	661	23	—	664	187	334	143	35	91	115	
Engineering and science technicians	567	536	21	5	548	327	117	104	70	79	94	
Technicians, except health, and engineering and science	68	65	3	—	68	45	18	5	—	17	5	
Writers, artists, and entertainers	1 141	1 100	36	18	1 104	651	275	178	111	182	273	
Actors and dancers	44	39	5	—	44	15	24	5	5	10	23	
Authors, editors, and reporters	347	347	—	—	331	259	50	22	23	72	63	
Other professional, technical, and kindred workers	2 809	2 498	295	16	2 682	1 537	836	309	231	472	724	
Managers and administrators, except farm	5 801	5 344	445	10	5 716	4 175	1 136	405	302	965	820	
Buyers, purchasing agents, and sales managers	982	926	52	6	972	739	179	54	39	153	153	
Restaurant, cafeteria, and bar managers	649	566	79	—	644	387	192	65	49	123	71	
School administrators	218	182	36	—	218	77	129	12	8	19	40	
Other specified managers and administrators	1 391	1 214	177	—	1 344	1 042	221	81	69	230	300	
Managers and administrators, n.e.c., salaried	1 969	1 893	72	—	1 956	1 506	314	136	69	291	198	
Wholesale and retail trade	664	653	11	—	651	500	102	49	13	105	72	
Managers and administrators, n.e.c., self-employed	592	563	29	4	582	424	101	57	68	149	58	
Wholesale and retail trade	385	367	18	—	385	290	64	31	54	102	21	
Sales workers	13 578	12 872	665	87	12 847	5 883	3 708	3 256	1 298	3 886	4 740	
Demonstrators, hucksters, and peddlers	1 018	978	40	—	898	216	356	326	67	229	397	
Insurance, real estate agents, and brokers	1 186	1 144	36	6	1 176	744	277	155	30	192	159	
Sales clerks, retail trade	8 705	8 229	450	62	8 375	3 633	2 434	2 308	1 064	2 905	3 308	
Salesmen, retail trade	466	441	25	—	441	228	134	79	15	88	131	
Other sales workers	2 203	2 080	114	19	1 957	1 062	507	388	122	472	745	
Clerical and kindred workers	69 588	62 734	6 710	333	67 552	41 715	15 802	10 035	5 781	13 917	15 411	
Bank tellers	1 183	1 158	25	16	1 170	745	273	152	83	190	273	
Bookkeepers	7 869	7 509	345	26	7 744	5 652	1 341	751	527	1 160	1 265	
Cashiers	5 226	4 800	420	37	5 007	2 124	1 583	1 300	421	1 344	1 916	
Counter clerks, except food	1 269	1 165	104	11	1 204	661	277	266	31	260	375	
Enumerators and interviewers	232	208	24	—	202	51	53	98	42	73	162	
File clerks	2 978	2 366	606	23	2 815	1 372	849	594	324	690	867	
Office machine operators	3 395	2 880	499	7	3 318	2 130	849	339	339	732	601	
Bookkeeping and billing machine operators	374	322	47	—	358	221	75	62	91	120	104	
Keypunch operators	1 979	1 646	328	—	1 951	1 228	551	172	154	384	338	
Payroll and timekeeping clerks	1 113	893	220	13	1 096	823	197	76	81	142	134	
Receptionists	1 857	1 715	142	6	1 776	964	479	333	126	446	504	
Secretaries	16 157	15 527	585	66	15 906	10 772	3 323	1 811	1 291	3 036	2 878	
Stenographers	648	602	46	—	638	479	106	53	86	143	74	
Telephone operators	2 480	2 145	323	—	2 424	1 431	570	423	235	554	434	
Typists	7 206	6 510	670	43	6 942	4 028	1 730	1 184	796	1 881	1 756	
Other clerical and kindred workers	17 975	15 256	2 701	80	17 310	10 483	4 172	2 655	1 399	3 266	4 172	
Craftsmen and kindred workers	3 822	3 335	461	16	3 681	2 261	1 042	378	203	650	672	
Foremen, n.e.c.	733	704	29	—	726	576	131	19	48	115	67	
Operatives, except transport	23 617	19 446	4 124	220	22 726	13 025	6 954	2 747	1 899	5 808	5 513	
Assemblers	5 056	4 233	823	41	4 891	2 856	1 523	512	346	1 279	986	
Bottling and canning operatives	113	92	21	—	113	66	19	28	4	48	28	
Checkers, examiners, and inspectors, manufacturing	2 898	2 380	518	18	2 847	1 883	794	170	246	719	481	
Dressmakers and seamstresses, except factory	424	369	55	7	404	199	149	56	62	189	149	
Laundry and drycleaning operatives, including ironers	1 308	761	538	—	1 225	619	401	205	119	330	348	
Graders and sorters, manufacturing	155	136	19	—	155	104	23	28	—	59	27	
Packers and wrappers, except produce	1 931	1 655	268	18	1 865	891	625	349	141	525	512	
Sewers and stitchers	1 020	884	136	5	1 006	495	358	153	186	395	255	
Textile operatives	32	22	10	—	27	11	11	5	19	13	21	
Other specified operatives	5 011	4 077	913	69	4 710	2 655	1 455	600	453	1 112	1 533	
Miscellaneous and not specified operatives	5 669	4 837	823	62	5 483	3 246	1 583	641	323	1 139	1 173	
Manufacturing	4 859	4 166	684	62	4 706	2 795	1 358	553	287	995	958	
Durable goods	3 109	2 576	533	49	3 002	1 742	941	319	154	554	540	
Machinery, including electrical	2 266	1 818	448	37	2 193	1 313	677	203	118	330	340	
Other durable goods	843	758	85	12	809	429	264	116	36	224	200	
Nondurable goods, including not specified manufacturing	1 750	1 590	151	13	1 704	1 053	417	234	133	441	418	
Food and kindred products	114	92	22	—	110	55	42	13	38	43	70	
Apparel and other fabricated textile products	59	49	10	—	59	22	31	6	6	27	6	
Nonmanufacturing industries	810	671	139	—	777	451	238	88	36	144	215	
Transport equipment operatives	648	583	65	—	630	255	251	124	13	46	72	
Laborers, except farm	2 151	1 712	434	42	2 039	996	605	438	141	471	597	
Farmers and farm managers	266	171	95	—	260	217	34	9	15	17	53	
Farm laborers and farm foremen	325	265	48	5	312	137	105	70	39	95	209	
Paid farm laborers and farm foremen	215	155	48	5	207	54	87	66	33	69	125	
Unpaid family workers	110	110	—	—	105	83	18	4	6	26	84	
Service workers, except private household ¹	29 356	22 014	7 260	218	27 332	12 066	9 258	6 008	1 915	6 347	9 556	
Cleaning service workers	3 276	1 688	1 576	7	3 113	1 715	881	517	304	651	791	
Chambermaids and maids	819	406	413	7	772	369	263	140	54	154	280	
Food service workers	12 381	10 408	1 930	86	11 469	3 830	4 499	3 140	887	3 387	4 948	
Cooks, except private household	3 364	2 616	743	13	3 232	1 092	1 536	604	252	786	812	
Waiters and food counter workers	6 606	5 981	595	68	6 028	2 019	2 052	1 957	554	2 091	3 514	
Health service workers	6 374	4 146	2 228	70	6 159	3 196	1 800	1 163	345	960	1 534	
Nursing aides, orderlies, and attendants	3 896	2 330	1 566	22	3 724	1 913	1 069	742	200	602	1 061	
Practical nurses	1 123	734	389	—	1 106	599	326	181	59	140	98	
Personal service workers	4 378	3 893	472	40	4 113	2 098	1 321	694	212	864	1 199	
Hairdressers and cosmetologists	2 732	2 549	179	24	2 603	1 392	853	358	121	521	470	
Private household workers	4 946	2 218	2 705	19	4 524	1 713	1 642	1 169	456	1 093	1 361	
Private household workers, living in	241	206	35	6	236	163	49	24	—	—	14	
Private household workers, living out	4 705	2 012	2 670	13	4 288	1 550	1 593	1 145	456	1 093	1 347	
Unemployed persons, last worked 1959 or earlier ²	270	243	27	—	—	—	—	—	—	—	—	

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

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

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

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

LOUISVILLE, KY.—IND., SMSA

Male, 16 years old and over

	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
					Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960-63	1964-68	1969-70
Male, 16 years old and over	205 706	185 631	19 720	851	202 980	147 580	42 594	12 806	4 388	9 772	17 571
Professional, technical, and kindred workers	23 707	22 685	890	240	23 610	18 276	4 153	1 181	171	621	1 233
Accountants	2 297	2 270	22	7	2 287	1 997	192	98	34	86	59
Architects	130	130	—	—	130	110	11	9	—	—	—
Computer specialists	571	541	30	—	571	520	42	9	—	—	10
Engineers	3 701	3 636	50	25	3 701	3 343	254	104	44	102	111
Aeronautical and astronautical	5	5	—	—	5	—	—	—	—	—	—
Civil	464	459	5	—	464	390	42	32	22	22	26
Electrical and electronic	566	543	12	—	566	532	34	—	—	19	30
Mechanical	565	560	5	—	565	527	31	7	—	18	33
Other engineers	2 101	2 069	28	25	2 101	1 889	147	65	22	43	22
Lawyers and judges	977	973	4	—	977	838	114	25	4	20	24
Life and physical scientists	674	635	31	15	674	598	61	15	18	8	31
Chemists	527	504	15	6	527	476	41	10	18	8	27
Physicians, dentists, and related practitioners	2 180	2 106	23	91	2 180	1 716	404	60	17	55	100
Dentists	283	278	5	—	283	169	108	6	—	11	17
Pharmacists	484	484	—	—	484	449	27	8	12	—	20
Physicians, medical and osteopathic	1 262	1 197	14	91	1 262	962	254	46	—	34	57
Other related practitioners	151	147	4	—	151	136	15	—	5	10	6
Health technologists and technicians	325	298	27	—	320	216	65	39	5	26	36
Religious workers	1 152	1 016	125	—	1 152	912	189	51	5	48	72
Social scientists	272	267	5	—	272	247	25	—	—	5	15
Social and recreation workers	334	275	59	—	334	192	96	46	—	16	129
Teachers	3 430	3 216	191	44	3 414	1 420	1 669	325	10	66	160
College and university	789	750	16	12	789	457	276	56	—	4	17
Elementary and prekindergarten	546	499	47	12	546	166	309	71	—	6	61
Secondary	1 854	1 726	128	20	1 843	658	1 014	171	—	38	77
Engineering and science technicians	2 670	2 591	79	14	2 660	2 284	296	80	15	49	134
Draftsmen and surveyors	1 239	1 203	36	7	1 229	1 059	127	43	—	39	55
Electrical and electronic engineering technicians	378	378	—	7	378	343	24	11	5	5	12
Technicians, except health, and engineering and science	393	377	16	—	393	322	22	49	5	5	22
Airplane pilots	100	100	—	—	100	89	—	11	—	—	—
Writers, artists, and entertainers	1 914	1 832	72	31	1 900	1 412	322	166	5	46	122
Other professional, technical, and kindred workers	2 687	2 522	156	6	2 645	2 149	391	105	9	89	208
Managers and administrators, except farm	19 717	19 308	387	89	19 625	17 485	1 838	302	494	992	697
Buyers, purchasing agents, and sales managers	2 865	2 851	14	22	2 865	2 658	176	31	25	146	52
School administrators	469	447	22	—	469	258	202	9	—	15	—
Specified managers and administrators, public administration	858	820	38	—	848	761	61	26	69	34	74
Other specified managers and administrators	3 541	3 445	96	6	3 488	2 974	439	75	114	252	184
Managers and administrators, n.e.c., salaried	9 957	9 771	176	61	9 932	9 133	681	118	198	414	282
Manufacturing	2 898	2 862	36	17	2 898	2 740	131	27	55	124	72
Wholesale and retail trade	3 094	3 042	42	15	3 079	2 811	224	44	28	110	112
Transportation, communications, and other public utilities	910	897	13	7	910	836	74	—	35	72	21
All other industries	3 055	2 970	85	22	3 045	2 746	252	47	80	108	77
Managers and administrators, n.e.c., self-employed	2 027	1 974	41	—	2 023	1 701	279	43	88	131	105
Construction	437	416	21	—	437	308	114	15	6	54	37
Manufacturing	102	102	—	—	102	102	—	—	—	8	17
Wholesale and retail trade	1 033	1 012	16	—	1 029	896	118	15	56	59	31
All other industries	455	444	4	—	455	395	47	13	26	10	20
Sales workers	15 466	15 077	358	53	15 232	12 075	2 341	816	217	647	1 072
Insurance agents, brokers, and underwriters	1 906	1 831	59	6	1 898	1 671	200	27	19	41	60
Real estate agents and brokers	666	659	7	—	657	524	114	19	11	39	48
Sales representatives, manufacturing industries	1 999	1 973	20	—	1 995	1 782	194	19	26	73	62
Sales representatives, wholesale trade	3 310	3 276	30	22	3 289	2 813	393	83	36	105	103
Sales clerks, retail trade	3 148	3 019	124	7	3 063	1 964	759	340	56	178	444
Salesmen, retail trade	1 878	1 822	56	13	1 860	1 509	293	58	31	77	54
Salesmen of services and construction	748	736	12	—	741	601	114	26	6	24	44
Other sales workers	1 811	1 761	50	5	1 729	1 211	274	244	32	110	257
Clerical and kindred workers	16 676	15 418	1 250	51	16 456	12 781	2 772	903	433	784	1 154
Bank tellers and cashiers	621	589	32	—	606	330	148	128	9	43	128
Bookkeepers and billing clerks	1 408	1 366	42	—	1 401	1 176	197	28	44	71	59
Mail handlers and postal clerks	1 877	1 513	364	8	1 867	1 638	200	29	43	103	66
Other clerical and kindred workers	12 770	11 950	812	43	12 582	9 637	2 227	718	337	567	901
Craftsmen and kindred workers	45 584	42 933	2 620	143	45 151	34 129	9 407	1 615	1 089	2 295	2 962
Apparel craftsmen and upholsterers	315	248	67	—	303	235	52	16	6	15	18
Bakers	300	262	38	—	291	225	43	23	—	13	14
Cabinetmakers	314	314	—	—	314	236	73	5	22	27	25
Construction craftsmen	11 635	10 848	783	39	11 556	6 983	3 949	624	302	738	1 050
Carpenters	2 688	2 637	51	3	2 680	1 496	1 075	109	76	219	365
Excavating, grading, and road machine operators	700	624	76	—	700	386	282	32	19	35	80
Electricians	2 238	2 223	11	15	2 233	1 781	406	46	34	80	92
Masons and tile setters	844	689	155	7	841	317	453	71	27	50	71
Painters, construction and maintenance, and paperhangers	1 761	1 612	149	—	1 737	912	643	182	73	199	284
Plasterers and cement finishers	502	296	206	—	487	194	253	40	7	11	22
Plumbers and pipe fitters	2 260	2 164	96	14	2 242	1 566	576	100	55	114	79
Other construction craftsmen	642	603	39	—	636	331	261	44	11	30	57
Foremen, n.e.c.	7 593	7 295	288	14	7 544	6 809	649	86	137	270	193
Manufacturing	5 020	4 850	160	14	4 999	4 552	410	37	58	147	91
Nonmanufacturing industries	2 573	2 445	128	—	2 545	2 257	239	49	79	123	102
Linenmen and servicemen, telephone and power	1 187	1 135	52	20	1 179	974	166	39	—	25	21
Locomotive engineers and firemen	402	374	28	—	402	302	94	6	46	53	36
Mechanics and repairmen	10 948	10 471	463	27	10 871	8 702	1 854	315	211	377	385
Air conditioning, heating, and refrigeration	610	595	15	—	604	492	107	5	28	24	36
Aircraft	157	151	6	—	157	138	12	7	—	—	—
Automobile, including body	3 646	3 481	155	7	3 610	2 846	625	139	34	96	185
Radio and television	628	599	29	—	611	523	74	14	11	23	9
Other mechanics and repairmen	5 907	5 645	258	20	5 889	4 703	1 036	150	138	234	155
Metal craftsmen, except mechanics	4 304	4 148	156	—	4 291	3 265	944	82	98	193	225
Machinists and job and die setters	1 888	1 830	58	—	1 888	1 536	310	42	32	89	68
Sheetmetal workers and tinsmiths	739	739	—	—	739	480	251	8	10	23	57
Tool and die makers	615	611	4	—	611	409	196	6	5	37	29
Other metal craftsmen	1 062	968	94	—	1 053	840	187	26	51	44	71
Printing craftsmen	2 129	2 021	108	6	2 100	1 707	319	74	39	71	74
Compositors and typesetters	527	487	40	—	518	440	69	9	23	61	23
Pressmen and plate printers, printing	1 149	1 104	45	6	1 135	917	180	38	10	4	44
Stationary engineers and power station operators	526	493	33	—	526	441	60	25	20	44	12
Other craftsmen and kindred workers	5 931	5 324	604	37	5 774	4 250	1 204	320	208	469	909

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
					Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960-63	1964-68	1969-70
LOUISVILLE, KY.—IND., SMSA—Continued											
Male, 16 years old and over—Continued											
Operatives, except transport	38 002	33 201	4 746	135	37 489	24 582	10 455	2 452	653	1 650	2 496
Assemblers.....	6 476	5 452	1 013	44	6 388	3 431	2 428	529	67	168	300
Checkers, examiners, and inspectors; manufacturing.....	2 237	2 082	155	16	2 223	1 610	549	64	21	94	52
Garage workers and gas station attendants.....	1 536	1 406	124	—	1 473	563	534	376	9	58	438
Laundry and drycleaning operatives, n.e.c.....	239	157	82	4	239	172	31	36	15	25	30
Meat cutters and butchers.....	969	891	78	7	965	764	155	46	8	36	61
Mine operatives, n.e.c.....	61	43	18	—	61	52	9	—	—	4	10
Packers and wrappers, except produce.....	1 551	1 287	261	7	1 534	1 011	358	165	18	79	138
Painters, manufactured articles.....	760	703	52	8	756	536	195	25	14	69	53
Precision machine operatives.....	1 331	1 239	88	5	1 331	983	282	66	26	90	49
Sawyers.....	425	409	16	—	412	277	117	18	13	42	18
Stationary firemen.....	692	581	111	—	692	524	136	32	35	57	41
Textile operatives.....	44	44	—	—	44	29	11	4	—	—	—
Welders and flamecutters.....	2 864	2 709	155	19	2 860	1 964	756	140	34	66	110
Other metalworking operatives.....	1 869	1 683	186	—	1 851	1 078	675	98	36	116	83
Other specified operatives.....	5 272	4 452	806	—	5 133	3 511	1 281	341	176	279	562
Miscellaneous and not specified operatives.....	11 676	10 063	1 601	25	11 527	8 077	2 938	512	181	467	551
Occupation:											
Machine operatives, miscellaneous specified.....	4 709	4 114	590	5	4 676	3 335	1 187	154	78	185	223
Machine operatives, not specified.....	3 073	2 574	492	6	3 035	2 223	674	138	16	126	88
Miscellaneous operatives.....	2 516	2 219	297	14	2 455	1 635	676	144	60	107	168
Not specified operatives.....	1 378	1 156	222	—	1 361	884	401	76	27	49	72
Industry:											
Manufacturing.....	10 603	9 152	1 439	25	10 469	7 341	2 675	453	137	430	428
Durable goods.....	5 598	4 790	801	18	5 519	3 517	1 711	291	87	298	282
Wood products, including furniture.....	657	563	94	—	646	475	150	21	41	80	76
Primary metal industries.....	515	486	29	5	510	418	92	—	10	43	22
Fabricated metal industries.....	2 653	2 579	74	—	2 633	1 800	29	—	9	42	35
Machinery, including electrical.....	2 253	1 860	386	—	2 215	1 218	852	145	17	67	27
Motor vehicles and equipment.....	279	258	21	—	279	221	58	—	—	16	5
Transportation equipment, except motor vehicles.....	1 36	36	—	—	36	24	5	7	—	3	—
Other durable goods.....	1 205	1 008	197	13	1 180	717	374	89	10	47	117
Nondurable goods.....	4 907	4 289	613	7	4 861	3 746	953	162	50	132	128
Food and kindred products.....	1 089	950	134	—	1 084	763	279	42	30	45	25
Apparel and other fabricated textile products.....	9	6	3	—	9	—	—	—	5	8	7
Paper and allied products.....	464	428	36	—	464	366	67	31	6	4	9
Chemicals and allied products.....	1 596	1 416	180	7	1 590	1 380	197	13	4	12	28
Other nondurable goods.....	1 749	1 489	260	—	1 714	1 228	410	76	5	63	59
Not specified manufacturing industries.....	98	73	25	—	89	78	11	—	—	—	18
Nonmanufacturing industries.....	1 073	911	162	—	1 058	736	263	59	44	37	123
Transportation, communications, and other public utilities.....	310	257	53	—	299	207	89	3	28	18	18
Wholesale and retail trade.....	392	306	86	—	392	275	97	20	11	10	57
All other industries.....	371	348	23	—	367	254	77	36	5	9	48
Transport equipment operatives.....	14 915	13 106	1 788	25	14 763	10 306	3 675	782	298	515	847
Bus drivers.....	588	550	38	—	583	452	112	19	45	38	10
Taxicab drivers and chauffeurs.....	475	360	115	—	470	268	159	43	18	46	53
Truck drivers and deliverymen.....	9 763	8 763	979	14	9 659	6 721	2 425	513	140	351	502
Other transport equipment operatives.....	4 089	3 433	656	11	4 051	2 865	979	207	95	80	282
Laborers, except farm.....	14 771	11 319	3 426	50	14 332	7 698	4 261	2 373	363	837	3 384
Construction laborers.....	2 323	1 561	762	—	2 275	963	940	372	102	164	641
Freight, stock, and material handlers.....	6 779	5 595	1 173	18	6 589	3 829	1 710	1 050	97	257	1 151
Other specified laborers.....	2 765	2 025	725	13	2 623	1 277	801	545	99	219	1 096
Miscellaneous and not specified laborers.....	2 904	2 138	766	19	2 845	1 629	810	406	65	197	496
Occupation:											
Miscellaneous laborers.....	752	548	204	9	749	476	189	84	12	48	99
Not specified laborers.....	2 152	1 590	562	10	2 096	1 153	621	322	53	149	397
Industry:											
Manufacturing.....	1 816	1 406	410	19	1 780	1 055	542	183	34	95	193
Durable goods.....	1 173	888	285	5	1 146	639	387	120	9	43	83
Wood products, including furniture.....	175	134	41	—	175	90	37	6	4	24	15
Metal industries.....	207	142	65	—	207	135	56	16	—	—	6
Machinery, including electrical.....	337	270	67	5	317	157	146	14	—	11	10
Transportation equipment.....	97	79	18	—	90	61	20	9	5	5	4
Other durable goods.....	357	263	94	—	357	196	128	33	—	3	48
Nondurable goods.....	637	512	125	14	628	410	155	63	25	52	89
Food and kindred products.....	232	201	31	—	228	147	62	19	25	19	18
Not specified manufacturing industries.....	6	6	—	—	6	6	—	—	—	—	21
Nonmanufacturing industries.....	1 088	732	356	—	1 065	574	268	223	31	102	303
Railroads and railway express service.....	174	86	88	—	171	139	25	7	9	10	18
Transportation, except railroads.....	63	48	15	—	63	49	14	—	—	9	—
Communications, and utilities and sanitary services.....	162	85	77	—	162	108	45	9	6	14	7
Wholesale and retail trade.....	367	269	98	—	367	154	98	115	16	32	111
All other industries.....	322	244	78	—	302	124	86	92	—	37	167
Farmers and farm managers.....	900	845	55	—	886	648	178	60	90	158	180
Farm laborers and farm foremen.....	709	587	122	6	681	349	190	142	26	75	285
Paid farm laborers and farm foremen.....	626	509	117	6	603	309	166	128	26	65	251
Unpaid family workers.....	83	78	5	—	78	40	24	14	—	10	34
Service workers, except private household ¹	14 997	11 090	3 878	59	14 549	9 161	3 254	2 134	547	1 169	3 220
Cleaning service workers.....	5 469	3 148	2 316	10	5 310	3 246	1 337	727	209	490	971
Food service workers.....	3 148	2 483	648	17	2 980	1 271	852	857	47	226	1 063
Cooks, except private household.....	1 104	888	211	7	1 043	421	296	326	5	56	315
Busboys and dishwashers.....	676	492	184	10	613	118	198	297	—	43	393
Health service workers.....	442	324	118	5	436	265	111	60	7	13	71
Personal service workers.....	1 470	1 238	232	—	1 431	971	261	199	47	88	389
Protective service workers.....	3 573	3 387	186	27	3 552	2 868	528	156	167	288	405
Firemen, fire protection.....	661	626	35	—	661	586	66	9	13	31	11
Guards and watchmen.....	1 637	1 536	101	14	1 627	1 133	361	133	137	212	299
Policemen and detectives.....	1 095	1 058	37	8	1 091	1 004	73	14	7	27	60
Private household workers.....	217	46	171	—	206	90	70	46	7	29	41
Unemployed persons, last worked 1959 or earlier ²	45	16	29	—	...	...	...	...	...	...	...

¹Includes allocated cases not shown separately.

²See text for explanation.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force			
					Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960-63	1964-68	1969-70	
LOUISVILLE, KY.—IND., SMSA—Continued												
Female, 16 years old and over	127 605	110 141	17 219	490	121 911	64 671	37 512	19 728	10 526	25 535	29 795	
Professional, technical, and kindred workers	18 283	16 532	1 725	117	17 824	6 687	8 418	2 719	1 089	2 437	2 950	
Accountants	662	635	27	—	632	437	101	94	45	93	85	
Computer specialists	144	136	8	—	144	97	29	18	5	12	—	
Librarians	284	258	26	—	278	107	147	24	16	50	37	
Mathematical specialists	43	33	10	—	43	24	19	—	—	21	—	
Life and physical scientists	27	27	—	—	27	17	10	—	5	8	12	
Registered nurses, dietitians, and therapists	3 349	3 114	225	23	3 303	1 992	850	461	229	426	503	
Dietitians	160	139	21	—	156	127	20	9	—	15	4	
Registered nurses	3 059	2 854	195	23	3 023	1 790	799	434	196	406	418	
Health technologists and technicians	1 026	911	109	22	1 011	659	226	126	101	163	189	
Social scientists	25	25	—	—	25	10	10	5	—	9	5	
Social and recreation workers	746	570	176	13	741	444	180	117	24	95	139	
Teachers: College and university	329	302	27	—	322	85	182	55	9	60	47	
Elementary and prekindergarten	5 764	5 144	615	40	5 614	613	3 964	1 037	320	703	898	
Secondary	2 226	2 058	168	5	2 175	219	1 628	328	99	348	314	
Other teachers	440	400	40	6	416	151	209	56	23	36	73	
Engineering and science technicians	520	450	70	—	505	385	83	37	40	69	67	
Technicians, except health, and engineering and science	29	29	—	—	29	25	—	4	—	—	7	
Writers, artists, and entertainers	790	767	23	—	779	411	245	123	46	122	223	
Actors and dancers	22	22	—	—	22	8	10	4	—	5	31	
Authors, editors, and reporters	162	162	—	—	162	87	44	31	11	20	41	
Other professional, technical, and kindred workers	1 879	1 673	201	8	1 780	1 011	535	234	127	222	351	
Managers and administrators, except farm	3 743	3 589	169	—	3 657	2 564	911	182	300	565	545	
Buyers, purchasing agents, and sales managers	487	481	6	—	487	402	67	18	59	81	60	
Restaurant, cafeteria, and bar managers	527	503	24	—	501	233	236	32	48	76	62	
School administrators	254	214	40	—	254	84	170	—	10	19	33	
Other specified managers and administrators	775	733	42	—	740	577	106	57	53	147	190	
Managers and administrators, n.e.c., salaried	1 325	1 283	42	—	1 315	1 019	235	61	76	165	154	
Wholesale and retail trade	510	503	7	—	505	353	118	34	26	52	35	
Managers and administrators, n.e.c., self-employed	375	355	15	—	360	249	97	14	54	77	46	
Wholesale and retail trade	169	164	5	—	160	109	42	9	45	46	12	
Sales workers	9 646	9 241	372	51	9 122	4 314	2 540	2 268	1 208	2 873	3 613	
Demonstrators, hucksters, and peddlers	544	531	13	—	450	126	141	83	47	118	240	
Insurance, real estate agents, and brokers	620	586	18	7	593	393	156	44	30	127	93	
Sales clerks, retail trade	6 770	6 486	267	44	6 510	2 982	1 861	1 667	951	2 202	2 510	
Salesmen, retail trade	235	225	10	—	227	122	74	31	5	49	68	
Other sales workers	1 477	1 413	64	—	1 342	691	308	343	175	377	702	
Clerical and kindred workers	45 255	42 262	2 927	183	43 733	27 628	9 775	6 330	4 062	9 087	9 470	
Bank tellers	729	684	45	—	718	495	155	68	29	140	116	
Bookkeepers	6 015	5 903	112	8	5 916	4 219	1 128	569	507	893	907	
Cashiers	3 191	3 056	129	13	3 099	1 411	955	733	271	881	1 204	
Counter clerks, except food	771	725	41	—	728	375	174	179	58	194	201	
Enumerators and interviewers	168	148	20	—	150	56	62	32	36	89	50	
File clerks	1 368	1 176	192	14	1 292	587	319	386	161	306	321	
Office machine operators	2 305	2 110	282	6	2 250	1 466	452	332	158	527	345	
Bookkeeping and billing machine operators	285	278	7	—	276	196	59	21	36	70	45	
Key punch operators	1 339	1 175	158	6	1 320	792	342	186	50	273	168	
Payroll and timekeeping clerks	725	712	13	—	710	590	69	51	70	93	—	
Receptionists	1 071	1 010	61	8	1 034	513	258	263	127	267	299	
Secretaries	10 605	10 313	275	59	10 369	7 370	2 038	961	943	2 143	1 770	
Stenographers	444	416	28	—	432	381	28	23	73	115	103	
Telephone operators	1 695	1 562	133	13	1 613	918	395	300	240	361	330	
Typists	4 496	4 065	431	—	4 322	2 422	1 089	811	503	1 020	1 012	
Other clerical and kindred workers	11 672	10 382	1 258	62	11 100	6 825	2 653	1 622	905	2 081	2 719	
Craftsmen and kindred workers	2 397	2 185	212	—	2 312	1 485	604	223	148	322	437	
Foremen, n.e.c.	526	479	47	—	521	388	104	29	24	53	60	
Operatives, except transport	19 924	16 578	3 306	65	19 214	10 414	6 285	2 515	1 386	3 650	3 964	
Assemblers	2 703	2 295	408	—	2 639	949	1 261	429	109	330	407	
Bottling and canning operatives	552	552	—	—	540	130	204	206	18	110	96	
Checkers, examiners, and inspectors; manufacturing	2 712	2 291	421	28	2 671	1 704	756	211	172	422	462	
Dressmakers and seamstresses, except factory	570	523	43	23	556	249	231	76	63	119	125	
Laundry and drycleaning operatives, including ironers	1 513	874	634	—	1 447	883	377	187	109	308	328	
Graders and sorters, manufacturing	82	46	36	—	82	26	38	18	6	11	20	
Packers and wrappers, except produce	2 010	1 708	296	—	1 962	1 078	591	293	129	374	549	
Sewers and stitchers	2 865	2 345	515	—	2 799	1 893	697	209	231	684	706	
Textile operatives	42	42	—	—	42	22	5	—	50	53	10	
Other specified operatives	2 751	2 414	328	—	2 489	1 335	818	336	272	597	582	
Miscellaneous and not specified operatives	4 124	3 488	625	14	3 987	2 145	1 307	535	227	642	681	
Manufacturing	3 705	3 143	555	14	3 614	1 966	1 197	451	188	513	620	
Durable goods	1 391	1 124	267	7	1 340	768	434	138	67	149	204	
Machinery, including electrical	314	269	45	7	298	96	141	61	24	51	38	
Other durable goods	1 077	855	222	—	1 042	672	293	77	43	98	166	
Non-durable goods, including not specified manufacturing	2 314	2 019	288	7	2 274	1 198	763	313	121	364	416	
Food and kindred products	396	379	17	—	386	179	162	45	44	109	69	
Apparel and other fabricated textile products	191	162	29	—	181	80	61	40	4	24	26	
Nonmanufacturing industries	419	345	70	—	373	179	110	84	39	129	61	
Transport equipment operatives	640	578	62	—	616	190	325	101	22	77	95	
Laborers, except farm	1 769	1 382	387	8	1 658	820	524	314	119	307	558	
Farmers and farm managers	91	91	—	—	78	45	27	6	8	20	10	
Farm laborers and farm foremen	139	97	42	—	118	55	44	19	6	64	140	
Paid farm laborers and farm foremen	79	37	42	—	74	32	28	14	6	55	74	
Unpaid family workers	60	60	—	—	44	23	16	5	—	9	66	
Service workers, except private household¹	20 880	15 949	4 856	48	19 412	8 749	6 546	4 117	1 704	5 079	6 772	
Cleaning service workers	3 098	1 612	1 476	—	2 941	1 561	844	536	184	685	726	
Chambermaids and maids	818	495	318	—	759	344	218	197	54	217	241	
Food service workers	8 433	7 238	1 185	30	7 759	2 727	2 986	2 046	828	2 632	3 374	
Cooks, except private household	2 302	1 851	451	4	2 242	813	1 038	391	255	557	541	
Waiters and food counter workers	4 622	4 232	380	26	4 151	1 460	1 370	1 321	447	1 656	2 217	
Health service workers	4 343	3 188	1 131	18	4 199	2 299	1 161	739	259	781	836	
Nursing aides, orderlies, and attendants	2 643	1 856	775	6	2 531	1 461	662	408	155	573	592	
Practical nurses	827	541	274	—	811	414	271	126	34	68	116	
Personal service workers	3 065	2 487	570	—	2 870	1 394	956	520	212	615	972	
Hairdressers and cosmetologists	1 895	1 613	274	—	1 813	989	562	262	139	363	337	
Private household workers	4 484	1 430	3 054	18	4 167	1 720	1 513	934	474	1 054	1 241	
Private household workers, living in	302	249	53	5	302	164	90	48	—	5	—	
Private household workers, living out	4 182	1 181	3 001	13	3 865	1 556						

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
					Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960-63	1964-68	1969-70
SOUTH BEND SMSA											
Male, 16 years old and over	72 463	68 625	3 644	625	71 722	50 652	15 207	5 863	1 735	3 385	9 115
Professional, technical, and kindred workers	10 040	9 796	163	50	9 988	7 168	2 169	651	111	214	832
Accountants	886	881	5	—	877	779	75	23	5	20	80
Architects	69	69	—	—	69	63	6	—	—	6	11
Computer specialists	197	193	4	—	197	175	13	9	—	—	9
Engineers	1 829	1 814	—	6	1 819	1 626	129	64	24	62	25
Aeronautical and astronautical	168	163	—	—	163	163	—	—	—	6	—
Civil	132	132	—	—	132	105	21	6	19	10	—
Electrical and electronic	253	248	—	—	248	233	4	11	—	15	16
Mechanical	425	425	—	—	425	361	53	11	5	9	—
Other engineers	851	846	—	—	851	764	51	36	—	22	9
Lawyers and judges	286	286	—	—	286	247	27	12	15	—	39
Life and physical scientists	176	170	6	8	176	138	28	10	4	14	10
Chemists	130	124	6	—	130	108	17	5	4	10	10
Physicians, dentists, and related practitioners	588	578	10	8	588	415	170	3	6	5	20
Dentists	98	93	5	—	98	40	58	—	—	—	—
Pharmacists	94	94	—	—	94	89	5	—	6	—	—
Physicians, medical and osteopathic	322	317	5	8	322	224	95	3	—	—	11
Other related practitioners	74	74	—	—	74	62	12	—	—	5	—
Health technologists and technicians	55	50	—	—	55	51	4	—	—	—	20
Religious workers	297	291	6	—	297	249	37	11	—	18	12
Social scientists	86	86	—	—	86	76	5	5	—	—	6
Social and recreation workers	94	83	11	—	88	61	19	8	—	—	33
Teachers	2 301	2 209	36	16	2 287	1 000	1 111	176	9	52	149
College and university	916	845	15	8	916	516	310	90	—	27	48
Elementary and prekindergarten	373	357	16	—	364	112	213	39	—	13	14
Secondary	958	953	5	8	953	353	557	43	9	12	75
Engineering and science technicians	1 246	1 219	27	—	1 240	1 035	138	67	27	10	142
Draftsmen and surveyors	691	681	10	—	685	552	89	44	16	—	67
Electrical and electronic engineering technicians	115	109	6	—	115	90	25	—	—	—	—
Technicians, except health, and engineering and science	125	125	—	5	125	96	19	10	—	—	5
Airplane pilots	38	38	—	5	38	29	9	—	—	—	—
Writers, artists, and entertainers	585	562	23	—	585	462	99	24	6	7	98
Other professional, technical, and kindred workers	1 220	1 180	35	—	1 213	695	289	229	15	22	173
Managers and administrators, except farm	7 022	6 950	67	35	6 990	6 192	675	123	102	259	325
Buyers, purchasing agents, and sales managers	1 065	1 060	5	—	1 059	952	101	6	—	44	35
School administrators	263	263	—	—	263	180	83	—	6	19	5
Specified managers and administrators, public administration	281	276	5	—	281	261	18	2	—	10	27
Other specified managers and administrators	1 157	1 147	5	15	1 152	1 043	68	41	23	41	108
Managers and administrators, n.e.c., salaried	3 485	3 458	27	20	3 464	3 097	311	56	33	120	110
Manufacturing	1 254	1 254	—	8	1 243	1 151	87	5	11	37	11
Wholesale and retail trade	1 025	1 018	7	6	1 015	879	117	19	11	45	46
Transportation, communications, and other public utilities	302	302	—	—	302	276	19	7	5	18	12
All other industries	904	884	20	6	904	791	88	25	6	20	41
Managers and administrators, n.e.c., self-employed	771	746	25	—	771	659	94	18	40	25	40
Construction	98	92	6	—	98	84	14	—	—	—	15
Manufacturing	54	54	—	—	54	48	6	—	5	—	5
Wholesale and retail trade	441	434	7	—	441	385	51	5	35	21	16
All other industries	178	166	12	—	178	142	23	13	—	4	4
Sales workers	4 997	4 947	50	22	4 980	3 894	761	325	85	167	390
Insurance agents, brokers, and underwriters	517	492	25	—	517	403	89	25	—	5	19
Real estate agents and brokers	203	203	—	—	203	172	26	5	—	5	—
Sales representatives, manufacturing industries	678	678	—	6	678	559	109	10	22	11	16
Sales representatives, wholesale trade	1 185	1 180	5	7	1 185	1 010	147	28	16	16	56
Sales clerks, retail trade	1 060	1 044	16	9	1 057	714	199	144	19	66	195
Salesmen, retail trade	648	648	—	—	648	527	82	39	6	30	34
Salesmen of services and construction	244	244	—	—	244	199	32	13	—	19	4
Other sales workers	462	458	4	—	448	310	77	61	22	15	66
Clerical and kindred workers	5 205	5 015	190	40	5 176	3 815	827	534	132	318	810
Bank tellers and cashiers	101	101	—	—	101	70	26	5	—	12	68
Bookkeepers and billing clerks	375	360	15	—	375	304	55	16	10	27	25
Mail handlers and postal clerks	698	656	42	—	693	580	76	37	15	45	107
Other clerical and kindred workers	4 031	3 898	133	40	4 007	2 861	670	476	107	234	610
Craftsmen and kindred workers	15 363	14 802	540	78	15 238	11 232	3 276	730	438	780	1 142
Apparel craftsmen and upholsterers	84	80	4	—	84	65	14	5	5	21	7
Bakers	139	126	13	—	139	89	50	—	9	6	5
Cabinetmakers	156	156	—	—	156	107	40	9	7	6	10
Construction craftsmen	3 773	3 634	134	14	3 730	2 190	1 293	247	86	188	336
Carpenters	1 240	1 223	17	7	1 240	648	491	101	34	69	113
Excavating, grading, and road machine operators	275	262	13	—	263	170	93	—	5	—	12
Electricians	649	632	17	—	644	498	115	31	9	33	31
Masons and tile setters	267	249	18	—	267	131	127	9	6	15	41
Painters, construction and maintenance, and paperhangers	328	308	20	—	311	141	120	50	17	49	88
Plasterers and cement finishers	134	104	30	—	125	58	63	4	—	—	10
Plumbers and pipe fitters	576	563	13	—	576	435	128	13	10	22	31
Other construction craftsmen	304	293	11	7	304	109	156	39	5	—	10
Foremen, n.e.c.	2 238	2 163	75	8	2 228	1 968	243	17	56	136	96
Manufacturing	1 454	1 414	40	—	1 444	1 292	135	17	51	109	69
Nonmanufacturing industries	784	749	35	8	784	676	108	—	5	27	27
Linemen and servicemen, telephone and power	570	549	21	—	570	537	33	—	—	9	22
Locomotive engineers and firemen	37	37	—	—	37	—	—	—	13	4	5
Mechanics and repairmen	3 568	3 480	81	38	3 522	2 694	683	145	71	105	204
Air conditioning, heating, and refrigeration	130	123	7	—	130	88	36	6	—	21	4
Aircraft	85	80	5	—	85	74	11	—	5	—	—
Automobile, including body	1 565	1 497	61	23	1 543	1 074	398	71	30	48	100
Radio and television	182	177	5	—	182	154	19	9	—	—	11
Other mechanics and repairmen	1 606	1 603	3	15	1 582	1 304	219	59	36	36	89
Metal craftsmen, except mechanics	2 382	2 271	102	6	2 378	1 837	464	77	135	135	125
Machinists and job and die setters	969	934	30	—	969	770	167	32	54	49	39
Sheetmetal workers and tinsmiths	220	216	4	—	220	126	89	5	14	6	10
Tool and die makers	606	597	5	6	602	492	96	14	22	35	13
Other metal craftsmen	587	524	63	—	587	449	112	26	45	45	63
Printing craftsmen	446	441	5	—	446	372	51	23	7	16	10
Compositors and typesetters	171	166	5	—	171	145	18	8	—	—	10
Pressmen and plate printers, printing	228	228	—	—	228	191	25	12	—	16	—
Stationary engineers and power station operators	196	196	—	—	196	188	8	—	—	32	24
Other craftsmen and kindred workers	1 774	1 669	105	12	1 752	1 148	397	207	49	122	298

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

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

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

SOUTH BEND SMSA—Continued

Male, 16 years old and over—Continued

	Total experienced civilian labor force	White	Negro	Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force			Year last worked of experienced workers not in labor force			
					Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960-63	1964-68	1969-70
Operatives, except transport	13 215	12 039	1 149	129	13 086	8 646	3 529	911	479	655	1 352
Assemblers.....	1 819	1 604	210	8	1 795	1 146	548	101	145	86	162
Checkers, examiners, and inspectors; manufacturing.....	1 030	968	62	—	1 030	828	172	30	67	60	83
Garage workers and gas station attendants.....	652	646	—	7	634	240	240	154	3	21	99
Laundry and drycleaning operatives, n.e.c.....	119	95	24	—	113	69	34	10	5	15	5
Meat cutters and butchers.....	419	404	15	—	419	356	42	21	14	14	20
Mine operatives, n.e.c.....	18	18	—	—	18	6	12	—	—	—	—
Packers and wrappers, except produce.....	361	340	21	3	361	225	105	31	5	21	106
Painters, manufactured articles.....	302	271	23	14	302	203	93	6	27	11	31
Precision machine operatives.....	1 660	1 543	117	—	1 649	1 204	372	73	44	63	86
Sawyers.....	124	124	—	—	124	79	45	—	—	5	6
Stationary firemen.....	129	129	—	—	129	113	16	—	—	17	6
Textile operatives.....	5	5	—	—	5	—	5	—	—	3	6
Welders and flamecutters.....	1 131	1 010	115	8	1 120	698	365	57	21	19	57
Other metalworking operatives.....	1 107	914	191	35	1 096	660	362	74	45	60	48
Other skilled operatives.....	1 454	1 305	149	5	1 419	878	392	149	38	84	298
Miscellaneous and not specified operatives.....	2 885	2 663	222	49	2 872	1 941	726	205	65	176	339
Occupation:											
Machine operatives, miscellaneous specified.....	1 317	1 218	99	13	1 315	926	313	76	26	71	123
Machine operatives, not specified.....	512	455	57	6	512	332	160	20	24	35	70
Miscellaneous operatives.....	642	614	28	21	631	426	136	69	5	46	96
Not specified operatives.....	414	376	38	9	414	257	117	40	10	24	50
Industry:											
Manufacturing	2 595	2 394	201	39	2 588	1 748	662	178	49	165	282
Durable goods.....	1 725	1 577	148	23	1 720	1 185	417	118	35	92	180
Wood products, including furniture.....	66	60	6	—	66	42	5	19	5	—	24
Primary metal industries.....	187	167	20	6	187	135	41	11	—	—	24
Fabricated metal industries.....	199	188	11	9	199	150	22	27	—	16	13
Machinery, including electrical.....	531	488	43	—	531	336	142	53	—	44	49
Motor vehicles and equipment.....	386	331	55	—	381	273	108	—	30	16	21
Transportation equipment, except motor vehicles.....	253	249	4	8	253	178	70	5	—	11	26
Other durable goods.....	103	94	9	—	103	71	29	3	—	5	23
Nandurable goods.....	853	806	47	16	851	551	240	60	14	73	94
Food and kindred products.....	156	145	11	14	156	124	24	8	—	16	36
Apparel and other fabricated textile products.....	14	9	5	—	14	11	—	3	—	—	9
Paper and allied products.....	54	54	—	—	54	39	15	—	—	—	—
Chemicals and allied products.....	61	55	6	—	61	36	20	5	—	6	10
Other nondurable goods.....	568	543	25	2	566	341	181	44	14	51	39
Not specified manufacturing industries.....	17	11	6	—	17	12	5	—	—	—	8
Nonmanufacturing industries	290	269	21	10	284	193	64	27	16	11	57
Transportation, communications, and other public utilities.....	54	54	—	10	54	40	14	—	6	5	—
Wholesale and retail trade.....	109	103	6	—	109	91	6	12	10	6	23
All other industries.....	127	112	15	—	121	62	44	15	—	—	34
Transport equipment operatives	4 626	4 233	365	41	4 582	3 178	1 072	332	62	168	517
Bus drivers.....	216	184	32	—	216	146	60	10	5	10	14
Taxicab drivers and chauffeurs.....	131	109	13	9	131	59	28	44	6	—	21
Truck drivers and deliverymen.....	3 365	3 194	162	22	3 354	2 414	744	196	36	138	223
Other transport equipment operatives.....	914	746	158	10	881	559	240	82	15	20	259
Laborers, except farm	5 056	4 419	626	112	4 909	2 270	1 477	1 162	81	340	1 806
Construction laborers.....	666	513	153	12	657	262	299	96	5	65	341
Freight, stock, and material handlers.....	2 234	2 056	174	25	2 145	1 160	592	393	22	125	573
Other skilled laborers.....	1 353	1 174	172	62	1 328	449	356	523	34	99	724
Miscellaneous and not specified laborers.....	803	676	127	13	779	399	230	150	20	51	168
Occupation:											
Miscellaneous laborers.....	237	198	39	7	222	138	67	17	—	19	32
Not specified laborers.....	566	478	88	6	557	261	163	133	20	32	136
Industry:											
Manufacturing	465	407	58	6	455	258	138	59	14	12	94
Durable goods.....	320	262	58	6	314	184	91	39	14	12	71
Wood products, including furniture.....	25	25	—	—	25	11	14	—	—	3	—
Metal industries.....	81	62	19	6	81	58	23	—	—	9	40
Machinery, including electrical.....	66	63	3	—	66	44	8	14	—	—	15
Transportation equipment.....	126	90	36	—	120	66	42	12	14	—	11
Other durable goods.....	22	22	—	—	22	5	4	13	—	—	5
Nandurable goods.....	145	145	—	—	141	74	47	20	—	—	19
Food and kindred products.....	32	32	—	—	32	22	5	5	—	—	5
Not specified manufacturing industries.....	—	—	—	—	—	—	—	—	—	—	4
Nonmanufacturing industries	338	269	69	7	324	141	92	91	6	39	74
Railroads and railway express service.....	48	27	21	7	48	27	8	13	1	14	11
Transportation, except railroads.....	8	8	—	—	8	—	—	8	—	—	—
Communications, and utilities and sanitary services.....	41	31	10	—	41	23	10	8	—	9	—
Wholesale and retail trade.....	121	98	23	—	121	47	46	28	—	16	31
All other industries.....	120	105	15	—	106	44	28	34	5	—	32
Farmers and farm managers	1 105	1 099	6	6	1 078	868	168	42	81	106	288
Farm laborers and farm foremen	422	412	10	51	409	204	115	90	—	46	269
Paid farm laborers and farm foremen.....	349	339	10	51	344	143	115	86	—	39	165
Unpaid family workers.....	73	73	—	—	65	61	—	4	—	7	104
Service workers, except private household¹	5 378	4 879	478	61	5 264	3 167	1 134	963	164	330	1 373
Cleaning service workers.....	1 989	1 691	294	—	1 971	1 300	409	262	87	116	356
Food service workers.....	1 218	1 128	85	19	1 148	441	306	401	16	81	588
Cooks, except private household.....	410	370	35	6	389	155	118	116	6	7	145
Busboys and dishwashers.....	346	323	23	13	307	74	63	170	7	15	247
Health service workers.....	107	107	—	—	107	65	23	19	4	4	61
Personal service workers.....	425	401	18	—	421	265	94	62	16	41	153
Protective service workers.....	1 198	1 148	44	31	1 193	1 006	156	31	37	80	55
Firemen, fire protection.....	351	338	7	—	346	299	42	5	5	18	—
Guards and watchmen.....	366	329	37	13	366	240	100	26	11	53	50
Policemen and detectives.....	450	450	—	18	450	436	14	—	7	9	—
Private household workers	22	22	—	—	22	18	4	—	—	—	11
Unemployed persons, last worked 1959 or earlier²	12	12	—	—	...	...	...	...	...	...	...

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

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

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

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

THE STATE

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Total	1 278 128	1 024 202	129 893	34 651	33 810	61 432	120 432	3 601
Male, 16 years old and over								
Professional, technical, and kindred workers	148 458	92 928	41 240	5 947	14 921	20 372	14 185	105
Accountants	11 529	9 003	1 403	673	565	165	1 123	-
Architects	800	521	51	5	32	14	228	-
Computer specialists	3 325	2 849	476	174	212	90	-	-
Engineers	25 436	22 686	2 427	1 276	843	308	323	-
Aeronautical and astronautical	549	538	11	-	-	-	-	-
Civil	2 604	1 560	944	176	575	193	100	-
Electrical and electronic	5 528	5 022	483	354	91	38	23	-
Mechanical	4 273	3 981	263	198	42	23	29	-
Other engineers	12 482	11 585	726	537	135	54	171	-
Lawyers and judges	4 430	1 093	525	100	220	205	2 801	11
Life and physical scientists	3 754	2 944	752	258	382	112	58	-
Chemists	2 684	2 378	296	93	144	59	10	-
Physicians, dentists, and related practitioners	10 200	3 297	634	147	323	164	6 259	10
Dentists	1 825	171	73	25	48	-	1 581	-
Pharmacists	2 489	1 770	82	9	27	46	633	4
Physicians, medical and osteopathic	4 436	1 141	400	80	212	108	2 895	-
Other related practitioners	1 450	215	79	33	36	10	1 150	6
Health technologists and technicians	1 444	911	492	111	138	243	36	5
Religious workers	6 828	5 579	84	23	27	34	1 165	-
Social scientists	1 147	802	289	77	97	115	56	-
Social and recreation workers	1 689	529	1 160	112	290	758	-	-
Teachers	31 840	7 854	23 771	209	7 886	15 676	206	9
College and university	10 202	3 690	6 512	50	6 261	201	-	-
Elementary and prekindergarten	6 592	1 400	5 183	25	553	4 605	5	4
Secondary	13 867	2 177	11 690	64	916	10 710	-	-
Engineering and science technicians	18 094	15 774	2 167	898	845	424	153	-
Draftsmen and surveyors	7 710	6 809	801	242	261	298	100	-
Electrical and electronic engineering technicians	2 992	2 466	516	383	91	42	10	-
Technicians, except health, and engineering and science	2 552	1 281	1 239	687	194	358	32	-
Airplane pilots	593	542	46	20	22	4	5	-
Writers, artists, and entertainers	9 073	7 067	684	151	365	168	1 288	34
Other professional, technical, and kindred workers	16 317	10 738	5 086	1 046	2 502	1 538	457	36
Managers and administrators, except farm	120 680	87 745	11 640	3 378	2 647	5 615	20 989	306
Buyers, purchasing agents, and sales managers	16 650	15 350	405	154	150	101	878	17
School administrators	3 926	773	3 139	33	648	2 458	14	-
Specified managers and administrators, public administration	5 372	10	5 362	2 693	788	1 881	-	-
Other specified managers and administrators	21 105	17 164	996	309	297	390	2 866	79
Managers and administrators, n.e.c., salaried	56 186	54 448	1 738	189	764	785	-	-
Manufacturing	16 885	16 814	71	53	4	14	-	-
Wholesale and retail trade	18 909	18 843	66	35	15	16	-	-
Transportation, communications and other public utilities	5 003	4 737	266	-	24	242	-	-
All other industries	15 389	14 054	1 335	101	721	513	-	-
Managers and administrators, n.e.c., self-employed	17 441	-	-	-	-	-	17 231	210
Construction	3 429	-	-	-	-	-	3 419	10
Manufacturing	1 193	-	-	-	-	-	1 153	40
Wholesale and retail trade	9 633	-	-	-	-	-	9 526	107
All other industries	3 186	-	-	-	-	-	3 133	53
Sales workers	74 318	64 364	378	148	81	149	9 464	112
Insurance agents, brokers, and underwriters	10 193	8 304	42	17	7	18	1 847	-
Real estate agents and brokers	3 248	1 838	21	6	9	6	1 385	4
Sales representatives, manufacturing industries	9 219	8 808	5	-	-	-	406	-
Sales representatives, wholesale trade	13 498	12 339	10	5	-	5	1 139	10
Sales clerks, retail trade	16 596	14 430	53	19	15	19	2 052	61
Salesmen, retail trade	11 185	9 695	14	10	-	4	1 471	5
Salesmen of services and construction	3 575	3 126	92	48	22	22	350	7
Other sales workers	6 804	5 824	141	38	28	75	814	25
Clerical and kindred workers	83 295	64 679	17 487	12 761	2 531	2 195	1 054	75
Bank tellers and cashiers	2 346	2 130	186	47	114	25	30	-
Bookkeepers and billing clerks	6 718	5 769	625	244	158	223	291	33
Mail handlers and postal clerks	10 673	1 168	9 505	9 403	82	20	-	-
Other clerical and kindred workers	63 558	55 612	7 171	3 067	2 177	1 927	733	42
Craftsmen and kindred workers	299 989	266 598	13 768	4 657	3 530	5 581	19 270	353
Apparel craftsmen and upholsterers	1 436	1 110	25	4	7	14	285	16
Bakers	1 324	1 144	21	5	5	11	159	-
Cabinetmakers	2 116	1 830	29	-	14	15	257	-
Construction craftsmen	72 677	59 586	3 732	799	1 053	1 880	9 254	105
Carpenters	20 545	15 819	560	182	178	200	4 094	72
Excavating, grading, and road machine operators	7 185	5 354	1 157	55	255	847	662	12
Electricians	14 639	13 333	693	204	266	223	609	4
Masons and tile setters	5 466	4 751	80	29	14	37	635	-
Painters, construction and maintenance, and paperhangers	6 749	4 469	483	129	114	240	1 785	12
Plasterers and cement finishers	2 020	1 695	83	15	14	54	242	-
Plumbers and pipe fitters	11 107	9 659	578	154	180	244	870	-
Other construction craftsmen	4 966	4 506	98	31	32	35	357	5
Foremen, n.e.c.	48 868	46 487	1 907	568	610	729	461	13
Manufacturing	34 397	34 075	204	146	18	40	110	8
Nonmanufacturing industries	14 471	12 412	1 703	422	592	689	351	5
Linemen and servicemen, telephone and power	9 204	8 907	280	44	30	206	17	-
Locomotive engineers and firemen	3 295	3 210	85	57	5	23	-	-
Mechanics and repairmen	67 436	57 713	4 195	2 027	812	1 356	5 397	131
Air conditioning, heating, and refrigeration	3 396	2 747	148	51	68	29	489	12
Aircraft	957	796	156	90	54	12	5	-
Automobile, including body	25 066	20 911	1 034	264	273	497	3 067	54
Radio and television	3 516	2 401	375	259	52	64	710	30
Other mechanics and repairmen	34 501	30 858	2 482	1 363	365	754	1 126	35
Metal craftsmen, except mechanics	46 828	45 476	831	548	108	175	489	32
Machinists and job and die setters	18 043	17 546	392	280	64	48	91	14
Sheetmetal workers and tinsmiths	3 341	3 077	127	69	24	34	137	-
Tool and die makers	10 630	10 453	90	79	6	5	87	-
Other metal craftsmen	14 814	14 400	222	120	14	88	174	18
Printing craftsmen	8 496	8 129	101	29	57	15	260	6
Compositors and typesetters	3 407	3 228	37	4	18	15	142	-
Pressmen and plate printers, printing	3 820	3 670	48	15	33	-	96	6
Stationary engineers and power station operators	4 122	3 224	858	88	142	628	40	-
Other craftsmen and kindred workers	34 187	29 782	1 704	488	687	529	2 651	50

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

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

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

THE STATE—Continued

Total—Continued

Male, 16 years old and over—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Operatives, except transport	244 122	234 690	5 717	2 596	1 205	1 916	3 447	268
Assemblers.....	24 860	24 286	479	328	58	93	78	17
Checkers, examiners, and inspectors; manufacturing.....	18 470	18 041	402	299	64	39	20	7
Garage workers and gas station attendants.....	11 640	10 857	136	24	37	75	575	72
Laundry and drycleaning operatives, n.e.c.....	1 328	987	137	17	80	40	190	14
Meat cutters and butchers.....	5 972	5 553	71	31	23	17	328	20
Mine operatives, n.e.c.....	1 183	1 139	13	13	—	—	31	—
Packers and wrappers, except produce.....	6 294	6 150	121	58	22	41	17	6
Painters, manufactured articles.....	4 325	4 162	95	39	27	29	68	—
Precision machine operatives.....	23 197	22 699	351	241	37	73	147	—
Sawyers.....	3 209	3 062	27	6	—	21	120	—
Stationary firemen.....	3 061	2 473	588	127	156	305	—	—
Textile operatives.....	326	304	4	4	—	—	18	—
Welders and flamecutters.....	20 216	19 423	364	163	62	139	417	12
Other metalworking operatives.....	19 056	18 728	255	116	47	92	61	12
Other specified operatives.....	28 360	26 601	880	339	247	294	816	63
Miscellaneous and not specified operatives.....	72 625	70 225	1 794	791	345	658	561	45
Occupation:								
Machine operatives, miscellaneous specified.....	29 574	28 786	566	299	88	179	203	19
Machine operatives, not specified.....	17 979	17 522	413	204	60	149	44	—
Miscellaneous operatives.....	15 710	14 865	609	211	150	248	221	15
Not specified operatives.....	9 362	9 052	206	77	47	82	93	11
Industry:								
Manufacturing.....	65 525	64 343	823	411	126	286	318	41
Durable goods.....	48 097	47 193	662	340	97	225	221	21
Wood products, including furniture.....	2 805	2 735	20	—	11	9	43	7
Primary metal industries.....	12 199	11 974	201	71	11	119	24	—
Fabricated metal industries.....	4 288	4 215	46	25	16	5	27	—
Machinery, including electrical.....	12 767	12 677	51	31	6	14	35	4
Motor vehicles and equipment.....	8 046	7 948	75	30	19	26	23	—
Transportation equipment, except motor vehicles.....	2 502	2 440	41	29	3	9	16	5
Other durable goods.....	5 490	5 204	228	154	31	43	53	5
Nondurable goods.....	16 965	16 687	161	71	29	61	97	20
Food and kindred products.....	3 420	3 352	33	7	12	14	30	5
Apparel and other fabricated textile products.....	241	241	—	—	—	—	—	—
Paper and allied products.....	2 746	2 686	36	15	6	15	15	9
Chemicals and allied products.....	3 218	3 153	52	40	6	6	13	—
Other nondurable goods.....	7 340	7 255	40	9	5	26	39	6
Not specified manufacturing industries.....	463	463	—	—	—	—	—	—
Nonmanufacturing industries.....	7 100	5 882	971	380	219	372	243	4
Transportation, communications, and other public utilities.....	1 496	1 283	208	10	4	194	5	—
Wholesale and retail trade.....	2 906	2 811	30	18	12	—	61	4
All other industries.....	2 698	1 788	733	352	203	178	177	—
Transport equipment operatives.....	78 315	68 578	5 987	949	1 056	3 962	3 631	119
Bus drivers.....	3 048	1 508	1 258	36	126	1 096	259	23
Taxicab drivers and chauffeurs.....	1 708	1 434	118	27	37	54	151	5
Truck drivers and deliverymen.....	55 538	48 666	3 861	569	825	2 467	2 936	75
Other transport equipment operatives.....	18 021	16 970	750	337	68	345	285	16
Laborers, except farm.....	83 532	75 004	6 756	1 505	1 456	3 795	1 593	179
Construction laborers.....	13 010	11 024	1 927	99	578	1 250	23	36
Freight, stock, and material handlers.....	34 614	32 548	1 753	836	117	800	277	36
Other specified laborers.....	15 660	12 784	1 849	263	574	1 012	949	78
Miscellaneous and not specified laborers.....	20 248	18 648	1 227	307	187	733	344	29
Occupation:								
Miscellaneous laborers.....	8 305	7 368	686	173	71	442	240	11
Not specified laborers.....	11 943	11 280	541	134	116	291	104	18
Industry:								
Manufacturing.....	13 977	13 693	216	106	34	76	57	11
Durable goods.....	11 856	11 603	207	106	29	72	40	6
Wood products, including furniture.....	491	491	—	—	—	—	—	—
Metal industries.....	7 542	7 389	149	60	29	60	4	—
Machinery, including electrical.....	1 265	1 239	18	6	—	12	8	—
Transportation equipment.....	1 513	1 489	5	5	—	—	13	6
Other durable goods.....	1 045	995	35	35	—	—	15	—
Nondurable goods.....	2 059	2 028	9	—	5	4	17	5
Food and kindred products.....	976	965	5	—	5	—	6	—
Not specified manufacturing industries.....	62	62	—	—	—	—	—	—
Nonmanufacturing industries.....	6 271	4 955	1 011	201	153	657	287	18
Railroads and railway express service.....	1 359	1 314	45	35	5	5	—	—
Transportation, except railroads.....	174	146	19	—	15	4	9	—
Communications, and utilities and sanitary services.....	874	376	480	10	29	441	18	—
Wholesale and retail trade.....	1 972	1 854	12	—	—	12	106	—
All other industries.....	1 892	1 265	455	156	104	195	154	18
Farmers and farm managers.....	43 456	1 455	60	25	17	18	41 902	39
Farm laborers and farm foremen.....	12 989	10 629	289	71	130	88	146	1 925
Paid farm laborers and farm foremen.....	11 064	10 629	289	71	130	88	146	—
Unpaid family workers.....	1 925	—	—	—	—	—	—	1 925
Service workers, except private household ¹	88 460	57 042	26 571	2 594	6 236	17 741	4 727	120
Cleaning service workers.....	35 007	25 702	8 857	914	2 322	5 621	413	35
Food service workers.....	17 760	15 373	1 352	139	948	265	983	52
Cooks, except private household.....	5 488	5 039	253	102	67	84	185	11
Busboys and dishwashers.....	3 755	3 493	246	5	181	60	12	4
Health service workers.....	2 729	1 392	1 308	340	568	400	29	—
Personal service workers.....	7 661	4 027	523	123	225	175	3 111	—
Protective service workers.....	19 987	6 378	13 563	894	1 852	10 817	36	10
Firemen, fire protection.....	4 325	134	4 186	96	14	4 076	—	5
Guards and watchmen.....	7 629	5 802	1 803	462	835	506	19	5
Police and detectives.....	6 567	280	6 270	240	977	5 053	17	—
Private household workers.....	514	490	—	—	—	—	24	—

¹Includes allocated cases not shown separately.

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

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

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

THE STATE—Continued

Total—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Female, 16 years old and over	738 237	576 628	125 728	21 092	30 840	73 796	27 936	7 945
Professional, technical, and kindred workers	99 648	45 805	49 823	2 510	9 392	37 921	3 595	425
Accountants	4 535	3 374	758	336	229	193	351	52
Computer specialists	675	537	133	43	69	21	—	—
Librarians	2 273	644	1 618	32	442	1 144	—	11
Mathematical specialists	175	119	56	—	4	—	—	—
Life and physical scientists	526	404	117	11	70	36	5	—
Registered nurses, dietitians, and therapists	20 150	14 639	4 920	527	1 225	3 168	485	106
Dietitians	878	586	277	48	123	106	11	4
Registered nurses	18 102	13 431	4 132	415	904	2 813	447	92
Health technologists and technicians	4 564	3 508	1 018	87	411	520	24	14
Social scientists	295	92	178	27	88	63	25	—
Social and recreation workers	2 535	671	1 847	209	353	1 285	13	4
Teachers: College and university	3 569	1 282	2 287	25	2 152	110	—	—
Elementary and prekindergarten	29 836	6 943	22 694	392	1 785	20 517	187	12
Secondary	11 208	1 982	9 226	19	646	8 561	—	—
Other teachers	2 788	922	491	30	162	299	1 364	11
Engineering and science technicians	2 372	1 887	473	217	208	48	7	5
Technicians, except health, and engineering and science	336	156	174	54	27	93	—	6
Writers, artists, and entertainers	4 023	3 144	326	68	201	57	499	54
Actors and dancers	79	74	—	—	—	—	—	5
Authors, editors, and reporters	1 262	1 080	91	8	83	—	86	5
Other professional, technical, and kindred workers	9 788	5 501	3 507	381	1 320	1 806	630	150
Managers and administrators, except farm	23 107	14 413	13 756	763	747	2 246	4 240	618
Buyers, purchasing agents, and sales managers	3 400	3 050	377	63	20	54	159	54
Restaurant, cafeteria, and bar managers	2 911	1 386	403	—	31	372	1 004	118
School administrators	902	409	483	10	140	333	10	—
Other specified managers and administrators	5 403	2 880	2 132	607	298	1 227	339	52
Managers and administrators, n.e.c., salaried	7 289	6 688	601	83	258	260	—	—
Wholesale and retail trade	2 793	2 770	23	5	9	9	—	—
Managers and administrators, n.e.c., self-employed	3 202	—	—	—	—	—	2 728	474
Wholesale and retail trade	2 145	—	—	—	—	—	1 877	268
Sales workers	54 593	49 770	501	119	179	203	3 288	1 034
Demonstrators, hucksters, and peddlers	4 801	4 052	28	5	—	23	716	5
Insurance, real estate agents, and brokers	2 815	2 294	20	—	5	15	458	43
Sales clerks, retail trade	37 384	35 043	129	43	43	43	1 504	708
Salesmen, retail trade	1 867	1 502	—	—	—	—	241	124
Other sales workers	7 726	6 879	324	71	131	122	369	154
Clerical and kindred workers	244 393	196 737	41 898	13 539	11 551	16 808	2 671	3 097
Bank tellers	5 729	5 500	229	125	29	75	—	—
Bookkeepers	32 210	26 424	3 317	844	638	1 835	1 130	1 339
Cashiers	20 756	19 358	1 018	139	389	490	211	159
Counter clerks, except food	4 579	4 282	187	28	121	36	62	48
Enumerators and interviewers	1 083	287	772	26	20	28	24	—
File clerks	7 238	5 447	1 771	785	485	501	6	14
Office machine operators	10 480	9 129	1 342	621	18	333	9	—
Bookkeeping and billing machine operators	1 402	1 245	157	33	—	106	—	—
Keypunch operators	6 265	5 430	831	453	255	123	4	—
Payroll and timekeeping clerks	3 430	2 636	789	498	137	154	—	—
Receptionists	7 135	5 989	979	86	437	456	53	114
Secretaries	59 910	48 443	10 307	1 536	4 040	4 731	370	790
Stenographers	1 940	1 388	533	164	159	210	19	—
Telephone operators	8 589	8 021	533	121	255	157	16	—
Typists	21 635	16 200	5 174	1 539	1 770	1 865	159	102
Other clerical and kindred workers	59 679	43 633	14 947	6 327	2 683	5 937	612	487
Craftsman and kindred workers	17 713	15 315	1 460	750	196	514	737	201
Foremen, n.e.c.	3 124	2 904	180	61	43	76	20	20
Operatives, except transport	125 412	120 515	3 102	1 730	566	806	1 462	333
Assemblers	23 453	22 807	616	498	24	94	30	—
Bottling and canning operatives	628	617	11	11	—	—	—	—
Checkers, examiners, and inspectors, manufacturing	15 519	15 123	353	256	25	72	35	8
Dressmakers and seamstresses, except factory	2 248	1 458	85	51	21	13	671	34
Laundry and drycleaning operatives, including ironers	6 096	5 480	395	57	132	206	147	74
Graders and sorters, manufacturing	610	601	—	—	—	—	4	5
Packers and wrappers, except produce	9 892	9 716	121	43	22	56	32	23
Sewers and stitchers	10 304	9 853	373	269	43	61	69	9
Textile operatives	329	290	11	—	—	11	28	—
Other specified operatives	26 825	25 874	493	267	101	125	297	161
Miscellaneous and not specified operatives	29 508	28 696	644	278	198	168	149	19
Manufacturing	27 119	26 730	303	139	55	109	83	3
Durable goods	17 277	16 985	232	117	45	70	60	—
Machinery, including electrical	9 057	8 947	105	52	14	39	5	—
Other durable goods	8 220	8 038	127	65	31	31	55	—
Nondurable goods, including not specified manufacturing	9 842	9 745	71	22	10	39	23	3
Food and kindred products	1 212	1 192	11	—	6	5	6	3
Apparel and other fabricated textile products	736	721	9	4	—	5	6	—
Nonmanufacturing industries	2 389	1 966	341	139	143	59	66	16
Transport equipment operatives	2 992	1 945	886	39	106	741	107	54
Laborers, except farm	9 412	8 580	524	295	88	141	216	92
Farmers and farm managers	2 067	68	—	—	—	—	1 992	7
Farm laborers and farm foremen	2 637	1 388	79	28	41	10	10	1 160
Paid farm laborers and farm foremen	1 477	1 388	79	28	41	10	10	—
Unpaid family workers	1 160	—	—	—	—	—	—	1 160
Service workers, except private household¹	134 989	101 113	23 689	1 319	7 964	14 406	9 346	841
Cleaning service workers	16 168	12 652	3 240	220	986	2 034	197	79
Chambermaids and maids	3 540	2 953	561	40	270	251	26	—
Food service workers	59 729	48 550	9 739	427	3 003	6 309	945	495
Cooks, except private household	19 073	13 061	5 269	146	1 171	3 952	524	219
Waiters and food counter workers	29 667	27 467	1 739	105	937	697	265	196
Health service workers	28 026	21 474	6 234	379	2 796	3 059	228	90
Nursing aides, orderlies, and attendants	18 908	13 937	4 868	263	2 290	2 315	79	24
Practical nurses	4 029	3 095	778	71	261	446	149	7
Personal service workers	20 288	10 786	2 013	187	669	1 157	7 377	112
Hairdressers and cosmetologists	13 189	6 875	41	5	17	19	6 225	48
Private household workers	21 274	20 979	10	—	10	—	272	13
Private household workers, living in	1 076	1 076	—	—	—	—	—	—
Private household workers, living out	20 198	19 903	10	—	10	—	272	13

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

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

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

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

THE STATE—Continued

Negro

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	67 838	55 586	10 096	4 054	1 602	4 440	2 115	41
Professional, technical, and kindred workers	3 583	1 837	1 470	316	363	791	271	5
Accountants	136	109	27	22	5	—	—	—
Architects	11	11	—	—	—	—	—	—
Computer specialists	60	47	13	5	8	—	—	—
Engineers	192	132	43	35	4	4	17	—
Aeronautical and astronautical	12	12	—	—	—	—	—	—
Civil	12	6	—	—	—	—	6	—
Electrical and electronic	51	31	14	10	—	4	6	—
Mechanical	26	16	10	10	—	—	—	—
Other engineers	91	67	19	15	4	—	5	—
Lawyers and judges	29	6	7	4	—	3	11	5
Life and physical scientists	100	76	24	19	—	5	—	—
Chemists	95	76	19	19	—	—	—	—
Physicians, dentists, and related practitioners	214	40	6	—	—	6	168	40
Dentists	48	8	—	—	—	—	40	—
Pharmacists	37	13	6	—	—	6	18	—
Physicians, medical and osteopathic	93	19	—	—	—	—	74	—
Other related practitioners	36	—	—	—	—	—	36	—
Health technologists and technicians	109	69	40	18	11	11	—	—
Religious workers	273	193	22	13	—	9	58	—
Social scientists	10	—	10	5	—	5	—	—
Social and recreation workers	200	38	162	25	34	103	—	—
Teachers	935	174	756	19	171	566	5	—
College and university	124	25	99	—	99	—	—	—
Elementary and prekindergarten	319	67	252	6	27	219	—	—
Secondary	433	56	377	5	34	338	—	—
Engineering and science technicians	457	387	70	19	28	23	—	—
Draftsmen and surveyors	110	100	10	—	—	10	—	—
Electrical and electronic engineering technicians	66	46	20	13	—	7	—	—
Technicians, except health, and engineering and science	28	13	15	15	—	—	—	—
Airplane pilots	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	254	208	40	17	4	19	6	—
Other professional, technical, and kindred workers	575	334	235	100	98	37	6	—
Managers and administrators, except farm	1 748	893	342	99	52	191	513	—
Buyers, purchasing agents, and sales managers	129	123	—	—	—	—	6	—
School administrators	139	—	139	5	19	115	—	—
Specified managers and administrators, public administration	124	—	124	66	16	42	—	—
Other specified managers and administrators	431	255	51	18	14	19	125	—
Managers and administrators, n.e.c., salaried	543	515	28	10	3	15	—	—
Manufacturing	103	103	—	—	—	—	—	—
Wholesale and retail trade	170	170	—	—	—	—	—	—
Transportation, communications and other public utilities	8	8	—	—	—	—	—	—
All other industries	262	234	28	10	3	15	—	—
Managers and administrators, n.e.c., self-employed	382	—	—	—	—	—	382	—
Construction	124	—	—	—	—	—	124	—
Manufacturing	25	—	—	—	—	—	25	—
Wholesale and retail trade	137	—	—	—	—	—	137	—
All other industries	96	—	—	—	—	—	96	—
Sales workers	1 131	1 013	11	6	5	—	102	5
Insurance agents, brokers, and underwriters	203	198	—	—	—	—	5	—
Real estate agents and brokers	34	19	—	—	—	—	15	—
Sales representatives, manufacturing industries	51	44	—	—	—	—	7	—
Sales representatives, wholesale trade	123	112	—	—	—	—	11	—
Sales clerks, retail trade	426	373	5	—	5	—	43	5
Salesmen, retail trade	114	98	—	—	—	—	16	—
Salesmen of services and construction	50	44	6	6	—	—	—	—
Other sales workers	130	125	—	—	—	—	5	—
Clerical and kindred workers	4 559	2 534	2 008	1 717	131	160	17	—
Bank tellers and cashiers	83	75	8	—	3	5	—	—
Bookkeepers and billing clerks	152	110	32	28	—	4	10	—
Mail handlers and postal clerks	1 384	149	1 235	1 229	6	—	—	—
Other clerical and kindred workers	2 940	2 200	733	460	122	151	7	—
Craftsmen and kindred workers	12 287	10 978	838	319	171	348	464	7
Apparel craftsmen and upholsterers	69	59	—	—	—	—	10	—
Bakers	108	108	—	—	—	—	—	—
Cabinetmakers	6	6	—	—	—	—	—	—
Construction craftsmen	2 578	2 152	181	57	28	96	238	7
Carpenters	286	218	19	10	9	—	49	—
Excavating, grading, and road machine operators	326	275	41	2	10	29	10	—
Electricians	251	230	14	4	—	10	7	—
Masons and tile setters	504	466	15	—	9	6	—	—
Painters, construction and maintenance, and paperhangers	324	228	36	13	—	23	53	7
Plasterers and cement finishers	406	341	26	10	—	16	39	—
Plumbers and pipe fitters	318	274	14	9	—	5	30	—
Other construction craftsmen	163	120	16	9	—	7	27	—
Foremen, n.e.c.	1 160	1 056	95	24	26	45	9	—
Manufacturing	755	736	13	4	—	9	6	—
Nonmanufacturing industries	405	320	82	20	26	36	3	—
Linemen and servicemen, telephone and power	268	255	13	—	—	13	—	—
Locomotive engineers and firemen	89	75	14	4	5	5	—	—
Mechanics and repairmen	2 306	1 916	259	151	22	86	131	—
Air conditioning, heating, and refrigeration	94	87	—	—	—	—	7	—
Aircraft	18	14	4	4	—	—	—	—
Automobile, including body	1 003	816	117	63	7	47	70	—
Radio and television	186	108	41	31	5	5	37	—
Other mechanics and repairmen	1 005	891	97	53	10	34	17	—
Metal craftsmen, except mechanics	2 026	1 965	61	20	—	41	—	—
Machinists and job and die setters	502	492	10	5	—	5	—	—
Sheetmetal workers and tinsmiths	36	26	10	5	—	5	—	—
Tool and die makers	58	58	—	—	—	—	—	—
Other metal craftsmen	1 430	1 389	41	10	—	31	—	—
Printing craftsmen	130	112	13	—	13	—	5	—
Compositors and typesetters	56	51	—	—	—	—	5	—
Pressmen and plate printers, printing	64	51	13	—	13	—	—	—
Stationary engineers and power station operators	164	151	13	—	3	10	—	—
Other craftsmen and kindred workers	3 383	3 123	189	63	74	52	71	—

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	18 600	17 633	853	343	125	385	102	12
Assemblers	1 809	1 735	65	46	4	15	9	—
Checkers, examiners, and inspectors; manufacturing	712	700	12	4	—	8	—	—
Garage workers and gas station attendants	437	394	43	9	9	25	—	—
Laundry and drycleaning operatives, n.e.c.	221	190	18	5	8	5	13	—
Meat cutters and butchers	288	271	11	—	—	11	—	6
Mine operatives, n.e.c.	45	45	—	—	—	—	—	—
Packers and wrappers, except produce	503	486	17	11	—	6	—	—
Painters, manufactured articles	294	281	13	—	—	13	—	—
Precision machine operatives	1 206	1 150	45	16	7	22	11	—
Sawyers	99	99	—	—	—	—	—	—
Stationary firemen	156	129	27	5	10	12	—	—
Textile operatives	33	33	—	—	—	—	—	—
Welders and flamecutters	1 543	1 472	67	27	—	40	4	—
Other metalworking operatives	2 251	2 159	86	25	30	31	—	6
Other specified operatives	2 982	2 746	206	103	41	62	30	—
Miscellaneous and not specified operatives	6 021	5 743	243	92	16	135	35	—
Occupation:								
Machine operatives, miscellaneous specified	2 410	2 342	68	24	6	38	—	—
Machine operatives, not specified	1 490	1 394	86	29	10	47	10	—
Miscellaneous operatives	1 252	1 198	41	22	—	19	13	—
Not specified operatives	869	809	48	17	—	31	12	—
Industry:								
Manufacturing	5 549	5 354	183	75	16	92	12	—
Durable goods	4 594	4 409	179	75	16	88	6	—
Wood products, including furniture	62	62	—	—	—	—	—	—
Primary metal industries	2 189	2 096	93	24	—	69	—	—
Fabricated metal industries	373	368	5	5	—	—	—	—
Machinery, including electrical	603	585	18	11	—	7	—	—
Motor vehicles and equipment	846	814	26	10	10	6	6	—
Transportation equipment, except motor vehicles	236	220	16	16	—	—	—	—
Other durable goods	285	264	21	9	6	6	—	—
Nondurable goods	912	902	4	—	—	4	6	—
Food and kindred products	261	261	—	—	—	—	—	—
Apparel and other fabricated textile products	5	5	—	—	—	—	—	—
Paper and allied products	98	98	—	—	—	—	—	—
Chemicals and allied products	223	217	—	—	—	—	6	—
Other nondurable goods	325	321	4	—	—	4	—	—
Not specified manufacturing industries	43	43	—	—	—	—	—	—
Nonmanufacturing industries	472	389	60	17	—	43	23	—
Transportation, communications, and other public utilities	99	67	32	—	—	32	—	—
Wholesale and retail trade	241	221	13	13	—	—	7	—
All other industries	132	101	15	4	—	11	16	—
Transport equipment operatives	4 914	4 040	733	135	85	513	141	—
Bus drivers	219	161	58	5	11	42	—	—
Taxicab drivers and chauffeurs	236	224	6	—	—	6	6	—
Truck drivers and deliverymen	2 749	2 072	559	96	56	407	118	—
Other transport equipment operatives	1 710	1 583	110	34	18	58	17	—
Laborers, except farm	10 219	8 847	1 238	496	126	616	122	12
Construction laborers	1 608	1 438	165	24	47	94	—	5
Freight, stock, and material handlers	2 637	2 014	586	310	—	276	37	—
Other specified laborers	2 118	1 876	194	79	20	95	44	4
Miscellaneous and not specified laborers	3 856	3 519	293	83	59	151	41	3
Occupation:								
Miscellaneous laborers	2 342	2 100	221	52	47	122	21	—
Not specified laborers	1 514	1 419	72	31	12	29	20	3
Industry:								
Manufacturing	3 102	2 980	117	63	25	29	5	—
Durable goods	2 969	2 856	108	63	20	25	5	—
Wood products, including furniture	10	10	—	—	—	—	—	—
Metal industries	2 483	2 395	88	49	20	19	—	—
Machinery, including electrical	134	128	6	5	—	6	—	—
Transportation equipment	256	246	5	5	—	—	5	—
Other durable goods	86	77	9	9	—	—	—	—
Nondurable goods	126	117	9	—	5	4	—	—
Food and kindred products	47	42	5	—	5	—	—	—
Not specified manufacturing industries	7	7	—	—	—	—	—	—
Nonmanufacturing industries	754	539	176	20	34	122	36	3
Railroads and railway express service	174	174	—	—	—	—	—	—
Transportation, except railroads	11	6	5	—	5	—	—	—
Communications, and utilities and sanitary services	182	45	137	5	29	103	—	—
Wholesale and retail trade	225	204	—	—	—	—	21	—
All other industries	162	110	34	15	—	19	15	3
Farmers and farm managers	128	—	4	4	—	—	124	—
Farm laborers and farm foremen	178	159	6	6	—	—	13	—
Paid farm laborers and farm foremen	178	159	6	6	—	—	13	—
Unpaid family workers	—	—	—	—	—	—	—	—
Service workers, except private household ¹	10 389	7 560	2 593	613	544	1 436	236	—
Cleaning service workers	5 877	4 613	1 213	257	294	662	51	—
Food service workers	1 281	1 149	96	30	25	41	36	—
Cooks, except private household	453	411	36	20	—	16	6	—
Busboys and dishwashers	331	288	31	—	16	15	12	—
Health service workers	383	187	196	62	74	60	—	—
Personal service workers	579	367	78	35	28	15	134	—
Protective service workers	1 171	414	757	81	85	591	—	—
Firemen, fire protection	210	4	206	—	—	206	—	—
Guards and watchmen	540	379	161	70	54	37	—	—
Policemen and detectives	335	11	324	4	31	289	—	—
Private household workers	102	92	—	—	—	—	10	—

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	53 572	39 462	12 930	4 084	3 139	5 707	1 044	136
Professional, technical, and kindred workers	5 835	2 081	3 681	402	628	2 651	59	14
Accountants	145	49	91	63	28	—	5	—
Computer specialists	24	17	7	3	4	—	—	—
Librarians	101	38	63	—	16	47	—	—
Mathematical specialists	15	—	15	15	—	—	—	—
Life and physical scientists	9	6	3	—	3	—	—	—
Registered nurses, dietitians, and therapists	1 010	647	342	65	115	162	21	—
Dietitians	169	132	37	14	11	—	—	—
Registered nurses	756	474	261	36	94	131	21	—
Health technologists and technicians	421	344	77	6	37	34	—	—
Social scientists	14	—	14	—	—	14	—	—
Social and recreation workers	445	72	370	47	71	252	3	—
Teachers: College and university	79	22	57	—	57	—	—	—
Elementary and prekindergarten	1 919	334	1 585	96	146	1 343	—	—
Secondary	688	102	586	4	54	528	—	—
Other teachers	80	36	39	—	15	24	5	—
Engineering and science technicians	93	70	23	5	6	12	—	—
Technicians, except health, and engineering and science	8	5	3	—	3	—	—	—
Writers, artists, and entertainers	91	61	21	11	5	5	9	—
Actors and dancers	5	5	—	—	—	—	—	—
Authors, editors, and reporters	28	23	5	—	—	—	—	—
Other professional, technical, and kindred workers	693	278	385	87	68	230	16	14
Managers and administrators, except farm	748	360	268	80	21	167	114	6
Buyers, purchasing agents, and sales managers	61	61	—	—	—	—	—	—
Restaurant, cafeteria, and bar managers	141	91	18	—	—	18	26	6
School administrators	63	20	43	4	—	39	—	—
Other specified managers and administrators	290	100	179	72	16	91	11	—
Managers and administrators, n.e.c., salaried	116	88	28	4	5	19	—	—
Wholesale and retail trade	20	20	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	77	—	—	—	—	—	77	—
Wholesale and retail trade	51	—	—	—	—	—	51	—
Sales workers	1 537	1 444	38	4	15	19	33	22
Demonstrators, hucksters, and peddlers	66	66	—	—	—	—	—	—
Insurance, real estate agents, and brokers	77	77	—	—	—	—	—	—
Sales clerks, retail trade	1 019	1 019	19	—	7	12	28	14
Salesmen, retail trade	46	46	—	—	—	—	—	—
Other sales workers	268	236	19	4	8	7	5	8
Clerical and kindred workers	12 379	7 599	4 703	2 863	770	1 070	15	62
Bank tellers	146	139	7	—	—	—	—	—
Bookkeepers	616	323	272	207	26	39	—	21
Cashiers	991	918	67	5	13	49	—	6
Counter clerks, except food	230	211	19	5	14	—	—	—
Enumerators and interviewers	80	40	40	27	—	13	—	—
File clerks	892	485	397	276	75	46	—	—
Office machine operators	924	677	247	153	58	36	—	—
Bookkeeping and billing machine operators	88	63	25	10	—	15	—	—
Keypunch operators	637	465	172	113	43	16	—	—
Payroll and timekeeping clerks	280	62	218	212	—	6	—	—
Receptionists	281	225	56	5	16	35	—	—
Secretaries	1 449	977	462	141	132	189	—	10
Stenographers	91	50	37	—	15	22	4	—
Telephone operators	548	518	30	6	24	—	—	—
Typists	1 404	788	611	239	196	176	—	5
Other clerical and kindred workers	4 457	2 186	2 240	1 587	201	452	11	20
Craftsmen and kindred workers	1 037	933	67	31	13	23	33	4
Foremen, n.e.c.	114	108	6	6	—	—	—	—
Operatives, except transport	8 743	8 236	431	210	96	125	76	—
Assemblers	1 442	1 380	62	49	—	13	—	—
Bottling and canning operatives	50	45	5	5	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	951	901	50	34	4	12	—	—
Dressmakers and seamstresses, except factory	167	128	—	—	—	—	39	—
Laundry and drycleaning operatives, including ironers	1 261	1 206	50	—	33	17	5	—
Graders and sorters, manufacturing	42	42	—	—	—	—	—	—
Packers and wrappers, except produce	684	644	29	16	10	3	11	—
Sewers and stitchers	483	442	41	25	—	16	—	—
Textile operatives	11	11	—	—	—	—	—	—
Other specified operatives	1 827	1 734	72	25	17	30	21	—
Miscellaneous and not specified operatives	1 825	1 703	122	56	32	34	—	—
Manufacturing	1 623	1 546	77	36	19	22	—	—
Durable goods	1 156	1 089	67	31	19	17	—	—
Machinery, including electrical	704	672	32	26	—	6	—	—
Other durable goods	452	417	35	5	19	11	—	—
Nondurable goods, including not specified manufacturing	467	457	10	—	—	—	—	—
Food and kindred products	83	83	—	—	—	—	—	—
Apparel and other fabricated textile products	47	42	5	—	—	5	—	—
Nonmanufacturing industries	202	157	45	20	13	12	—	—
Transport equipment operatives	211	181	15	—	5	10	15	—
Laborers, except farm	1 015	877	133	80	20	33	—	5
Farmers and farm managers	102	6	—	—	—	—	96	—
Farm laborers and farm foremen	114	104	10	5	5	—	—	—
Paid farm laborers and farm foremen	114	104	10	5	5	—	—	—
Unpaid family workers	—	—	—	—	—	—	—	—
Service workers, except private household¹	15 919	11 712	3 584	409	1 566	1 609	600	23
Cleaning service workers	3 514	2 879	610	92	160	358	25	—
Chambermaids and maids	764	678	86	23	35	28	—	—
Food service workers	4 142	3 372	716	113	273	330	42	12
Cooks, except private household	1 808	1 445	326	36	109	181	30	7
Waiters and food counter workers	1 146	984	145	37	70	38	12	5
Health service workers	4 992	3 461	1 507	127	921	459	24	—
Nursing aides, orderlies, and attendants	3 680	2 485	1 189	90	755	344	6	—
Practical nurses	864	631	215	20	120	75	18	—
Personal service workers	1 417	630	352	53	108	191	424	11
Hairdressers and cosmetologists	495	170	—	—	—	—	314	11
Private household workers	5 932	5 929	—	—	—	—	3	—
Private household workers, living in	90	90	—	—	—	—	—	—
Private household workers, living out	5 842	5 839	—	—	—	—	3	—

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	14 770	12 984	1 250	223	365	662	530	6
Professional, technical, and kindred workers	1 388	816	451	49	237	165	121	—
Accountants	116	110	6	—	6	—	—	—
Architects	6	6	—	—	—	—	—	—
Computer specialists	26	26	—	—	—	—	—	—
Engineers	184	152	32	10	22	—	—	—
Aeronautical and astronautical	—	—	—	—	—	—	—	—
Civil	39	22	17	—	17	—	—	—
Electrical and electronic	25	25	—	—	—	—	—	—
Mechanical	52	46	6	6	—	—	—	—
Other engineers	68	59	9	4	5	—	—	—
Lawyers and judges	61	19	—	—	—	—	42	—
Life and physical scientists	71	65	6	—	6	—	—	—
Chemists	57	57	—	—	—	—	—	—
Physicians, dentists, and related practitioners	141	63	19	19	—	—	59	6
Dentists	6	—	—	—	—	—	—	—
Pharmacists	30	30	—	—	—	—	—	—
Physicians, medical and osteopathic	99	33	19	19	—	—	47	6
Other related practitioners	6	—	—	—	—	—	—	—
Health technologists and technicians	33	25	8	—	—	8	—	—
Religious workers	37	37	—	—	—	—	—	—
Social scientists	12	5	7	—	7	—	—	—
Social and recreation workers	8	—	8	—	—	—	8	—
Teachers	363	69	286	—	156	130	8	—
College and university	166	43	123	—	116	7	—	—
Elementary and prekindergarten	56	—	56	—	—	56	—	—
Secondary	110	18	92	—	25	67	—	—
Engineering and science technicians	121	107	14	—	14	—	—	—
Draftsmen and surveyors	61	54	7	—	7	—	—	—
Electrical and electronic engineering technicians	18	18	—	—	—	—	—	—
Technicians, except health, and engineering and science	23	17	6	—	—	6	—	—
Airplane pilots	12	12	—	—	—	—	—	—
Writers, artists, and entertainers	55	38	5	5	—	—	12	—
Other professional, technical, and kindred workers	131	77	54	15	26	13	—	—
Managers and administrators, except farm	785	572	69	22	8	39	138	6
Buyers, purchasing agents, and sales managers	82	82	—	—	—	—	—	—
School administrators	19	—	19	—	—	19	—	—
Specified managers and administrators, public administration	41	—	41	22	8	11	—	6
Other specified managers and administrators	216	179	—	—	—	—	31	—
Managers and administrators, n.e.c., salaried	320	311	9	—	—	9	—	—
Manufacturing	85	85	—	—	—	—	—	—
Wholesale and retail trade	88	88	—	—	—	—	—	—
Transportation, communications and other public utilities	39	30	9	—	—	9	—	—
All other industries	108	108	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	107	—	—	—	—	—	107	—
Construction	13	—	—	—	—	—	13	—
Manufacturing	8	—	—	—	—	—	8	—
Wholesale and retail trade	67	—	—	—	—	—	67	—
All other industries	19	—	—	—	—	—	19	—
Sales workers	509	451	7	7	—	—	51	—
Insurance agents, brokers, and underwriters	110	92	7	7	—	—	11	6
Real estate agents and brokers	6	6	—	—	—	—	—	—
Sales representatives, manufacturing industries	83	83	—	—	—	—	—	—
Sales representatives, wholesale trade	38	38	—	—	—	—	—	—
Sales clerks, retail trade	152	132	—	—	—	—	20	4
Salesmen, retail trade	33	29	—	—	—	—	—	—
Salesmen of services and construction	37	37	—	—	—	—	—	—
Other sales workers	50	40	—	—	—	—	10	—
Clerical and kindred workers	803	707	86	55	11	20	10	—
Bank tellers and cashiers	3	—	—	—	—	—	3	—
Bookkeepers and billing clerks	39	39	—	—	—	—	—	—
Mail handlers and postal clerks	36	—	36	36	—	—	—	—
Other clerical and kindred workers	725	668	50	19	11	20	7	—
Craftsmen and kindred workers	3 362	3 184	111	14	23	74	67	—
Apparel craftsmen and upholsterers	13	6	—	—	—	—	7	—
Bakers	13	13	—	—	—	—	—	—
Cabinetmakers	27	27	—	—	—	—	—	—
Construction craftsmen	680	654	11	—	—	11	15	8
Carpenters	69	61	—	—	—	—	—	—
Excavating, grading, and road machine operators	138	138	—	—	—	—	—	—
Electricians	134	129	5	—	—	5	—	—
Masons and tile setters	105	99	6	—	—	6	—	—
Painters, construction and maintenance, and paperhangers	44	37	—	—	—	—	7	—
Plasterers and cement finishers	14	14	—	—	—	—	—	—
Plumbers and pipe fitters	94	94	—	—	—	—	—	—
Other construction craftsmen	82	82	—	—	—	—	—	—
Foremen, n.e.c.	454	441	7	7	—	—	6	—
Manufacturing	353	353	—	—	—	—	—	—
Nonmanufacturing industries	101	88	7	7	—	—	6	—
Linemen and servicemen, telephone and power	47	47	—	—	—	—	—	—
Locomotive engineers and firemen	38	38	—	—	—	—	—	—
Mechanics and repairmen	543	490	27	—	7	20	26	9
Air conditioning, heating, and refrigeration	17	8	—	—	—	—	—	—
Aircraft	15	8	7	—	7	—	—	—
Automobile, including body	184	171	13	—	—	13	—	—
Radio and television	28	23	—	—	—	—	5	—
Other mechanics and repairmen	299	280	7	—	—	7	12	—
Metal craftsmen, except mechanics	576	554	22	7	8	7	—	—
Machinists and job and die setters	151	151	—	—	—	—	—	—
Sheetmetal workers and tinsmiths	22	22	—	—	—	—	—	—
Tool and die makers	56	56	—	—	—	—	—	—
Other metal craftsmen	347	325	22	7	8	7	—	—
Printing craftsmen	58	58	—	—	—	—	—	—
Compositors and typesetters	7	7	—	—	—	—	—	—
Pressmen and plate printers, printing	36	36	—	—	—	—	—	—
Stationary engineers and power station operators	67	50	17	—	—	17	—	—
Other craftsmen and kindred workers	846	806	27	—	8	19	—	—

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	3 485	3 379	94	24	31	39	12
Assemblers.....	184	177	7	—	7	—	—
Checkers, examiners, and inspectors, manufacturing.....	188	180	8	8	—	—	—
Garage workers and gas station attendants.....	43	34	9	—	—	9	—
Laundry and drycleaning operatives, n.e.c.....	6	6	—	—	—	—	—
Meat cutters and butchers.....	44	44	—	—	—	—	—
Mine operatives, n.e.c.....	—	—	—	—	—	—	—
Packers and wrappers, except produce.....	86	86	—	—	—	—	—
Painters, manufactured articles.....	68	68	—	—	8	—	—
Precision machine operatives.....	196	188	8	—	8	—	—
Sawyers.....	34	34	—	—	—	—	—
Stationary firemen.....	68	68	—	—	—	—	—
Textile operatives.....	—	—	—	—	—	—	—
Welders and flamecutters.....	417	408	9	9	—	—	—
Other metalworking operatives.....	438	431	7	—	—	7	—
Other specified operatives.....	421	401	14	7	7	—	6
Miscellaneous and not specified operatives.....	1 292	1 254	32	—	9	23	6
Occupation:							
Machine operatives, miscellaneous specified.....	365	365	—	—	—	—	—
Machine operatives, not specified.....	246	239	7	—	—	7	—
Miscellaneous operatives.....	445	420	25	—	9	16	—
Not specified operatives.....	236	230	—	—	—	—	6
Industry:							
Manufacturing.....	1 221	1 209	6	—	—	6	6
Durable goods.....	979	973	—	—	—	—	6
Wood products, including furniture.....	13	13	—	—	—	—	—
Primary metal industries.....	710	704	—	—	—	—	6
Fabricated metal industries.....	71	71	—	—	—	—	—
Machinery, including electrical.....	57	57	—	—	—	—	—
Motor vehicles and equipment.....	27	27	—	—	—	—	—
Transportation equipment, except motor vehicles.....	52	52	—	—	—	—	—
Other durable goods.....	49	49	—	—	—	—	—
Nondurable goods.....	231	225	6	—	—	6	—
Food and kindred products.....	57	51	6	—	—	6	—
Apparel and other fabricated textile products.....	—	—	—	—	—	—	—
Paper and allied products.....	54	54	—	—	—	—	—
Chemicals and allied products.....	33	33	—	—	—	—	—
Other nondurable goods.....	87	87	—	—	—	—	—
Not specified manufacturing industries.....	11	11	—	—	—	—	—
Nonmanufacturing industries.....	71	45	26	—	9	17	—
Transportation, communications, and other public utilities.....	38	21	17	—	—	17	—
Wholesale and retail trade.....	14	14	—	—	—	—	—
All other industries.....	19	10	9	—	9	—	—
Transport equipment operatives.....	774	670	82	25	—	57	22
Bus drivers.....	28	28	—	—	—	—	—
Toxicab drivers and chauffeurs.....	15	15	—	—	—	—	—
Truck drivers and deliverymen.....	354	298	34	—	—	34	22
Other transport equipment operatives.....	377	329	48	25	—	23	—
Laborers, except farm	2 250	2 129	107	6	4	97	14
Construction laborers.....	272	265	7	—	—	7	—
Freight, stock, and material handlers.....	670	651	19	—	—	19	—
Other specified laborers.....	259	223	22	—	—	22	14
Miscellaneous and not specified laborers.....	1 049	990	59	6	4	49	—
Occupation:							
Miscellaneous laborers.....	631	588	43	6	4	33	—
Not specified laborers.....	418	402	16	—	—	16	—
Industry:							
Manufacturing.....	925	898	27	—	4	23	—
Durable goods.....	908	887	21	—	4	17	—
Wood products, including furniture.....	—	—	—	—	—	—	—
Metal industries.....	856	835	21	—	4	17	—
Machinery, including electrical.....	8	8	—	—	—	—	—
Transportation equipment.....	19	19	—	—	—	—	—
Other durable goods.....	25	25	—	—	—	—	—
Nondurable goods.....	17	11	6	—	—	6	—
Food and kindred products.....	11	11	—	—	—	—	—
Not specified manufacturing industries.....	—	—	—	—	—	—	—
Nonmanufacturing industries.....	124	92	32	6	—	26	—
Railroads and railway express service.....	82	69	13	6	—	7	—
Transportation, except railroads.....	—	—	—	—	—	—	—
Communications, and utilities and sanitary services.....	13	—	13	—	—	13	—
Wholesale and retail trade.....	16	16	—	—	—	—	—
All other industries.....	13	7	6	—	—	6	—
Farmers and farm managers	65	—	—	—	—	—	65
Farm laborers and farm foremen	222	222	—	—	—	—	—
Paid farm laborers and farm foremen.....	222	222	—	—	—	—	—
Unpaid family workers.....	—	—	—	—	—	—	—
Service workers, except private household¹	1 121	848	243	21	51	171	30
Cleaning service workers.....	629	549	80	—	24	56	—
Food service workers.....	175	161	6	—	6	—	8
Cooks, except private household.....	92	84	—	—	—	—	8
Busboys and dishwashers.....	37	31	6	—	6	—	—
Health service workers.....	9	9	—	—	—	—	—
Personal service workers.....	54	32	—	—	—	—	22
Protective service workers.....	178	28	150	21	14	115	—
Firemen, fire protection.....	30	—	30	—	—	30	—
Guards and watchmen.....	41	28	13	8	5	—	—
Policemen and detectives.....	92	—	92	7	9	76	—
Private household workers	6	6	—	—	—	—	—

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

	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	6 415	5 166	1 051	145	197	709	151	47
Professional, technical, and kindred workers	846	418	409	23	73	313	19	—
Accountants	23	23	—	—	—	—	—	—
Computer specialists	—	—	—	—	—	—	—	—
Librarians	12	6	6	—	—	6	—	—
Mathematical specialists	—	—	—	—	—	—	—	—
Life and physical scientists	9	—	9	—	—	9	—	—
Registered nurses, dietitians, and therapists	122	114	8	—	—	8	—	—
Dietitians	—	—	—	—	—	—	—	—
Registered nurses	98	90	8	—	—	8	—	—
Health technologists and technicians	69	55	14	—	8	6	—	—
Social scientists	—	—	—	—	—	—	—	—
Social and recreation workers	40	—	40	8	—	32	—	—
Teachers: College and university	41	19	22	—	22	—	—	—
Elementary and prekindergarten	166	41	125	8	—	117	—	—
Secondary	135	—	135	—	8	127	—	—
Other teachers	45	19	14	—	14	—	12	—
Engineering and science technicians	40	40	—	—	—	—	—	—
Technicians, except health, and engineering and science	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	32	25	7	7	—	—	—	—
Actors and dancers	—	—	—	—	—	—	—	—
Authors, editors, and reporters	7	7	—	—	—	—	—	—
Other professional, technical, and kindred workers	112	76	29	—	21	8	7	—
Managers and administrators, except form	93	56	12	7	5	—	25	—
Buyers, purchasing agents, and sales managers	25	25	—	—	—	—	—	—
Restaurant, cafeteria, and bar managers	16	10	—	—	—	—	6	—
School administrators	7	—	—	—	—	—	—	—
Other specified managers and administrators	7	—	7	—	—	—	—	—
Managers and administrators, n.e.c., salaried	26	21	5	—	5	—	—	—
Wholesale and retail trade	7	7	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	19	—	—	—	—	—	19	—
Wholesale and retail trade	15	—	—	—	—	—	15	—
Sales workers	403	366	—	—	—	—	10	27
Demonstrators, hucksters, and peddlers	9	9	—	—	—	—	—	—
Insurance, real estate agents, and brokers	13	13	—	—	—	—	—	—
Sales clerks, retail trade	305	275	—	—	—	—	3	27
Salesmen, retail trade	6	6	—	—	—	—	—	—
Other sales workers	70	63	—	—	—	—	7	—
Clerical and kindred workers	2 110	1 772	332	107	73	152	—	6
Bank tellers	48	48	—	—	—	—	—	—
Bookkeepers	173	162	11	6	—	5	—	—
Cashiers	234	222	6	—	—	6	—	6
Counter clerks, except food	50	46	4	—	—	4	—	—
Enumerators and interviewers	7	—	—	7	—	—	—	—
File clerks	129	102	27	6	21	—	—	—
Office machine operators	88	80	8	—	8	—	—	—
Bookkeeping and billing machine operators	6	6	—	—	—	—	—	—
Keypunch operators	58	50	8	—	8	—	—	—
Payroll and timekeeping clerks	32	18	14	—	8	6	—	—
Receptionists	57	57	—	—	—	—	—	—
Secretaries	421	327	94	13	24	57	—	—
Stenographers	14	14	—	—	—	—	—	—
Telephone operators	63	59	4	—	—	4	—	—
Typists	212	192	20	13	—	7	—	—
Other clerical and kindred workers	582	445	137	62	12	63	—	—
Craftsmen and kindred workers	153	148	—	—	—	—	5	—
Foremen, n.e.c.	—	—	—	—	—	—	—	—
Operatives, except transport	1 180	1 145	21	8	5	8	—	14
Assemblers	138	138	—	—	—	—	—	—
Bottling and canning operatives	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing	117	102	8	8	—	—	—	7
Dressmakers and seamstresses, except factory	23	23	—	—	—	—	—	—
Laundry and drycleaning operatives, including ironers	69	69	—	—	—	—	—	—
Graders and sorters, manufacturing	—	—	—	—	—	—	—	—
Packers and wrappers, except produce	104	99	5	—	5	—	—	—
Sewers and sitchers	133	133	—	—	—	—	—	—
Textile operatives	8	8	—	—	—	—	—	—
Other specified operatives	303	296	—	—	—	—	—	7
Miscellaneous and not specified operatives	285	277	8	—	—	8	—	—
Manufacturing	277	269	8	—	—	8	—	—
Durable goods	165	165	—	—	—	—	—	—
Machinery, including electrical	88	88	—	—	—	—	—	—
Other durable goods	77	77	—	—	—	—	—	—
Nondurable goods, including not specified manufacturing	112	104	8	—	—	8	—	—
Food and kindred products	28	28	—	—	—	—	—	—
Apparel and other fabricated textile products	12	12	—	—	—	—	—	—
Nonmanufacturing industries	8	8	—	—	—	—	—	—
Transport equipment operatives	6	6	—	—	—	—	—	—
Laborers, except farm	129	129	—	—	—	—	—	—
Farmers and farm managers	7	—	—	—	—	—	7	—
Farm laborers and farm foremen	99	—	—	—	—	—	—	—
Paid farm laborers and farm foremen	99	—	—	—	—	—	—	—
Unpaid family workers	—	—	—	—	—	—	—	—
Service workers, except private household¹	1 279	917	277	—	41	236	85	—
Cleaning service workers	213	137	76	—	7	69	—	—
Chambermaids and maids	45	29	16	—	—	14	—	—
Food service workers	424	386	25	—	10	15	13	—
Cooks, except private household	106	75	18	—	3	15	13	—
Waiters and food counter workers	275	268	7	—	7	—	—	—
Health service workers	315	222	93	—	18	75	—	—
Nursing aides, orderlies, and attendants	203	155	48	—	11	37	—	—
Practical nurses	36	32	4	—	—	4	—	—
Personal service workers	189	86	39	—	6	33	64	—
Hairdressers and cosmetologists	90	43	—	—	—	—	47	—
Private household workers	110	110	—	—	—	—	—	—
Private household workers, living in	13	13	—	—	—	—	—	—
Private household workers, living out	97	97	—	—	—	—	—	—

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								
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 astronautical	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	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	4 487	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	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	—
Painters, 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 tinsmiths	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	—
Stationery 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	—
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	—	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	—
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 household¹	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	—

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

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	26	340	—	6
Mathematical specialists	92	77	15	15	—	—	—	—
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 prekindergarten	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	5	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	70	—	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	—
Dentists	9	—	—	—	—	—	9	—
Pharmacists	29	24	—	—	—	—	5	—
Physicians, medical and osteopathic	44	16	—	—	—	—	28	—
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	—	—	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	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	—	—	—	—	6	—
Sales representatives, wholesale trade	22	16	—	—	—	—	3	—
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	—	7	—	—	—	8
Bookkeepers and billing clerks	92	51	33	7	11	15	—	—
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	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	—	—	—	—	10	
Other specified operatives.....	1 377	1 330	37	29	—	8	6	
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	—
Taxicab 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	234	155	548	17	—
Food service workers.....	1 003	911	82	26	8	30	10	—
Cooks, except private household.....	407	375	26	15	3	3	6	—
Busboys and dishwashers.....	241	233	8	5	—	—	—	—
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	171	—	—	—	—
Computer specialists	13	13	—	—	—	—	—	—
Librarians	28	5	23	—	5	18	—	—
Mathematical specialists	6	—	6	6	—	—	—	—
Life and physical scientists	8	8	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	438	254	174	21	39	114	10	—
Dietitians	58	48	10	—	—	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	—	—	—	—	—	—	—	—
Authors, editors, and reporters	6	6	—	—	—	—	—	—
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	—	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	21	—	—	—	—	—	—	—
Wholesale and retail trade	17	—	—	—	—	—	—	—
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	6	—
Cashiers	360	333	21	6	—	15	6	—
Counter clerks, except food	82	68	9	—	4	5	5	—
Enumerators and interviewers	10	—	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	—	8	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	—	—	—	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	—	—
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	477	421	48	6	14	28	8	—
Health service workers	2 776	1 998	756	95	180	481	22	—
Nursing aides, orderlies, and attendants	1 826	1 312	514	71	159	284	—	—
Practical nurses	752	531	199	18	9	172	22	—
Personal service workers	620	359	112	5	4	103	149	—
Hairdressers and cosmetologists	309	166	4	—	4	—	139	—
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**

FORT WAYNE 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	69 979	59 345	5 449	1 344	792	3 313	5 104	81
Professional, technical, and kindred workers	11 107	8 586	1 660	197	365	1 098	861	—
Accountants	1 082	925	65	39	13	13	92	—
Architects	73	53	—	—	—	—	20	—
Computer specialists	390	375	15	—	—	15	—	—
Engineers	2 763	2 645	76	17	14	45	42	—
Aeronautical and astronautical	—	—	—	—	—	—	—	—
Civil	1 58	91	50	4	14	32	17	—
Electrical and electronic	1 121	1 098	17	9	—	8	6	—
Mechanical	494	494	—	—	—	—	—	—
Other engineers	990	962	9	4	—	5	19	—
Lawyers and judges	300	91	14	10	—	4	195	—
Life and physical scientists	150	111	39	11	14	14	—	—
Chemists	99	85	14	—	5	9	—	—
Physicians, dentists, and related practitioners	604	232	15	10	5	—	357	—
Dentists	74	10	5	—	5	—	59	—
Pharmacists	136	100	—	—	—	—	36	—
Physicians, medical and osteopathic	304	116	10	10	—	—	178	—
Other related practitioners	90	6	—	—	—	—	84	—
Health technologists and technicians	95	70	25	14	—	11	—	—
Religious workers	359	342	—	—	—	—	17	—
Social scientists	107	102	5	5	—	—	—	—
Social and recreation workers	87	40	47	10	19	18	—	—
Teachers	1 615	591	1 004	10	206	788	20	—
College and university	361	203	158	—	153	5	—	—
Elementary and prekindergarten	401	169	232	—	15	217	—	—
Secondary	776	179	597	10	33	554	—	—
Engineering and science technicians	1 508	1 400	92	20	14	58	16	—
Draftsmen and surveyors	693	643	39	—	5	34	11	—
Electrical and electronic engineering technicians	471	434	32	14	—	18	5	—
Technicians, except health, and engineering and science	192	110	82	37	16	29	—	—
Airplane pilots	65	59	6	6	—	—	—	—
Writers, artists, and entertainers	727	628	17	4	4	9	82	—
Other professional, technical, and kindred workers	1 055	871	164	10	60	94	20	—
Managers and administrators, except farm	8 150	6 613	503	188	74	241	1 029	5
Buyers, purchasing agents, and sales managers	1 411	1 345	26	21	5	—	40	—
School administrators	163	33	130	—	24	106	—	—
Specified managers and administrators, public administration	207	—	207	115	18	74	—	—
Other specified managers and administrators	1 480	1 251	72	41	12	19	157	—
Managers and administrators, n.e.c., salaried	4 052	3 984	68	11	15	42	—	—
Manufacturing	1 215	1 209	6	6	—	—	—	—
Wholesale and retail trade	1 190	1 185	5	5	—	—	—	—
Transportation, communications and other public utilities	508	491	17	—	—	17	—	—
All other industries	1 139	1 099	40	—	15	25	—	—
Managers and administrators, n.e.c., self-employed	837	—	—	—	—	—	832	5
Construction	200	—	—	—	—	—	200	—
Manufacturing	81	—	—	—	—	—	76	5
Wholesale and retail trade	395	—	—	—	—	—	395	—
All other industries	161	—	—	—	—	—	161	—
Sales workers	5 304	4 712	46	18	—	28	537	9
Insurance agents, brokers, and underwriters	699	536	—	—	—	—	163	—
Real estate agents and brokers	317	219	6	6	—	—	92	—
Sales representatives, manufacturing industries	665	628	—	—	—	—	37	—
Sales representatives, wholesale trade	1 098	1 034	—	—	—	—	64	—
Sales clerks, retail trade	1 005	957	—	—	—	—	48	—
Salesmen, retail trade	690	643	—	—	—	—	47	—
Salesmen of services and construction	295	246	17	12	—	5	32	—
Other sales workers	535	449	23	—	—	23	54	9
Clerical and kindred workers	5 136	4 313	766	614	26	126	53	4
Bank tellers and cashiers	159	154	5	—	5	—	—	—
Bookkeepers and billing clerks	396	382	10	5	—	5	4	—
Mail handlers and postal clerks	614	80	534	534	—	—	—	—
Other clerical and kindred workers	3 967	3 697	217	75	21	121	49	4
Craftsmen and kindred workers	14 519	12 927	613	106	97	410	976	3
Apparel craftsmen and upholsterers	68	48	—	—	—	—	20	—
Bakers	116	116	—	—	—	—	—	—
Cabinetmakers	75	58	6	—	6	—	11	—
Construction craftsmen	3 187	2 500	193	28	16	149	491	3
Carpenters	966	677	52	14	4	34	234	3
Excavating, grading, and road machine operators	197	138	34	—	—	34	25	—
Electricians	653	556	39	4	12	23	58	—
Masons and tile setters	220	196	—	—	—	—	24	—
Painters, construction and maintenance, and paperhangers	345	208	48	5	—	43	89	—
Plasterers and cement finishers	131	119	—	—	—	—	12	—
Plumbers and pipe fitters	471	427	15	5	—	10	29	—
Other construction craftsmen	204	179	5	—	—	5	20	—
Foremen, n.e.c.	2 478	2 383	67	16	4	47	28	—
Manufacturing	1 601	1 601	—	—	—	—	—	—
Nonmanufacturing industries	877	782	67	16	4	47	28	—
Linemen and servicemen, telephone and power	652	616	36	—	—	36	—	—
Locomotive engineers and firemen	243	243	—	—	—	—	—	—
Mechanics and repairmen	3 515	3 094	153	38	47	68	268	—
Air conditioning, heating, and refrigeration	140	114	—	7	—	—	26	—
Aircraft	37	19	18	7	11	—	—	—
Automobile, including body	1 760	1 575	55	12	15	28	130	—
Radio and television	259	219	5	5	—	—	35	—
Other mechanics and repairmen	1 319	1 167	75	14	21	40	77	—
Metal craftsmen, except mechanics	2 136	2 091	25	14	7	4	20	—
Machinists and job and die setters	791	775	7	—	7	—	9	—
Sheetmetal workers and linemakers	168	163	—	—	—	—	5	—
Tool and die makers	593	593	—	—	—	—	—	—
Other metal craftsmen	584	560	18	14	—	4	6	—
Printing craftsmen	389	368	9	5	—	4	12	—
Compositors and typesetters	172	160	4	—	—	4	8	—
Pressmen and plate printers, printing	161	157	—	—	—	—	4	—
Stationary engineers and power station operators	261	188	73	—	11	62	—	—
Other craftsmen and kindred workers	1 399	1 222	51	5	6	40	126	—

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

FORT WAYNE 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	11 794	11 494	133	27	21	85	147	20
Assemblers	1 489	1 470	14	9	—	5	—	—
Checkers, examiners, and inspectors; manufacturing	1 200	1 195	5	—	—	5	—	—
Garage workers and gas station attendants	638	600	13	4	9	—	20	5
Laundry and drycleaning operatives, n.e.c.	113	99	—	—	—	—	5	9
Meat cutters and butchers	260	239	—	—	—	—	15	6
Mine operatives, n.e.c.	11	11	—	—	—	—	—	—
Packers and wrappers, except produce	329	329	—	—	—	—	—	—
Painters, manufactured articles	233	225	4	—	—	4	—	—
Precision machine operatives	1 392	1 366	5	—	—	5	21	—
Sawyers	44	44	—	—	—	—	—	—
Stationary firemen	98	63	35	5	9	21	—	—
Textile operatives	18	18	—	—	—	—	—	—
Welders and flamecutters	710	695	15	—	—	15	—	—
Other metalworking operatives	528	524	—	—	—	—	4	—
Other specified operatives	1 630	1 565	9	—	—	9	56	—
Miscellaneous and not specified operatives	3 101	3 051	33	9	3	21	17	—
Occupation:								
Machine operatives, miscellaneous specified	1 229	1 219	5	—	—	5	5	—
Machine operatives, not specified	834	815	19	5	3	11	—	—
Miscellaneous operatives	608	587	9	4	—	5	12	—
Not specified operatives	430	430	—	—	—	—	—	—
Industry:								
Manufacturing	2 731	2 703	18	5	3	10	10	—
Durable goods	1 907	1 894	8	5	3	—	5	—
Wood products, including furniture	25	25	—	—	—	—	—	—
Primary metal industries	540	535	—	—	—	—	5	—
Fabricated metal industries	46	46	—	—	—	—	—	—
Machinery, including electrical	812	812	—	—	—	—	—	—
Motor vehicles and equipment	407	399	8	5	3	—	—	—
Transportation equipment, except motor vehicles	6	6	—	—	—	—	—	—
Other durable goods	71	71	—	—	—	—	—	—
Nondurable goods	791	776	10	—	—	10	5	—
Food and kindred products	243	238	5	—	—	5	—	—
Apparel and other fabricated textile products	—	—	—	—	—	—	—	—
Paper and allied products	110	110	—	—	—	—	—	—
Chemicals and allied products	15	15	—	—	—	—	—	—
Other nondurable goods	423	413	5	—	—	5	5	—
Not specified manufacturing industries	33	33	—	—	—	—	—	—
Nonmanufacturing industries	370	348	15	4	—	11	7	—
Transportation, communications, and other public utilities	59	51	8	—	—	—	—	—
Wholesale and retail trade	190	190	—	—	—	8	—	—
All other industries	121	107	7	4	—	3	7	—
Transport equipment operatives	4 018	3 711	201	39	34	128	106	—
Bus drivers	118	43	75	—	—	64	—	—
Taxicab drivers and chauffeurs	50	46	4	—	—	4	—	—
Truck drivers and deliverymen	2 816	2 626	94	30	19	45	96	—
Other transport equipment operatives	1 034	996	28	9	—	19	10	—
Laborers, except farm	3 813	3 433	316	79	35	202	59	5
Construction laborers	476	390	76	9	16	51	5	5
Freight, stock, and material handlers	2 073	1 979	73	46	9	18	21	—
Other specified laborers	669	511	125	19	10	96	33	—
Miscellaneous and not specified laborers	595	553	42	5	—	37	—	—
Occupation:								
Miscellaneous laborers	214	188	26	—	—	26	—	—
Not specified laborers	381	365	16	5	—	11	—	—
Industry:								
Manufacturing	275	275	—	—	—	—	—	—
Durable goods	215	215	—	—	—	—	—	—
Wood products, including furniture	—	—	—	—	—	—	—	—
Metal industries	93	93	—	—	—	—	—	—
Machinery, including electrical	59	59	—	—	—	—	—	—
Transportation equipment	55	55	—	—	—	—	—	—
Other durable goods	8	8	—	—	—	—	—	—
Nondurable goods	56	56	—	—	—	—	—	—
Food and kindred products	34	34	—	—	—	—	—	—
Not specified manufacturing industries	4	4	—	—	—	—	—	—
Nonmanufacturing industries	320	278	42	5	—	37	—	—
Railroads and railway express service	68	63	5	—	—	5	—	—
Transportation, except railroads	10	10	—	—	—	—	—	—
Communications, and utilities and sanitary services	51	14	37	5	—	32	—	—
Wholesale and retail trade	126	126	—	—	—	—	—	—
All other industries	65	65	—	—	—	—	—	—
Farmers and farm managers	1 070	37	—	—	—	—	1 033	—
Farm laborers and farm foremen	194	164	—	—	—	—	5	25
Paid farm laborers and farm foremen	169	164	—	—	—	—	5	—
Unpaid family workers	25	—	—	—	—	—	—	25
Service workers, except private household ¹	4 854	3 341	1 211	76	140	995	292	10
Cleaning service workers	1 810	1 408	368	44	50	274	29	5
Food service workers	1 196	1 093	29	11	—	18	74	—
Cooks, except private household	446	422	17	11	—	6	7	—
Busboys and dishwashers	286	269	5	—	—	5	12	—
Health service workers	173	107	66	10	36	20	—	—
Personal service workers	384	197	14	—	8	6	173	—
Protective service workers	1 011	300	711	11	27	673	—	—
Firemen, fire protection	234	—	234	—	—	234	—	—
Guards and watchmen	324	285	39	—	15	24	—	—
Policemen and detectives	402	15	387	11	6	370	—	—
Private household workers	20	14	—	—	—	—	6	—

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

FORT WAYNE 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	44 346	37 060	5 942	791	1 591	3 560	971	373
Professional, technical, and kindred workers	6 246	3 822	2 267	120	416	1 731	141	16
Accountants	240	215	9	—	5	4	—	—
Computer specialists	43	43	—	—	—	—	—	—
Librarians	139	53	86	5	5	76	—	—
Mathematical specialists	22	22	—	—	—	—	—	—
Life and physical scientists	21	16	5	—	—	5	—	—
Registered nurses, dietitians, and therapists	1 701	1 400	270	60	153	57	25	6
Dietitians	29	20	9	4	5	—	—	—
Registered nurses	1 591	1 350	210	51	109	50	25	6
Health technologists and technicians	292	277	15	4	6	5	—	—
Social scientists	28	11	11	—	11	—	6	—
Social and recreation workers	163	43	120	5	18	97	—	—
Teachers: College and university	136	81	55	—	41	14	—	—
Elementary and prekindergarten	1 659	590	1 065	18	65	982	4	—
Secondary	588	195	393	—	20	373	—	—
Other teachers	204	86	61	—	28	33	52	5
Engineering and science technicians	123	112	11	5	6	—	—	—
Technicians, except health, and engineering and science	27	27	—	—	—	—	—	—
Writers, artists, and entertainers	235	196	13	9	4	—	21	5
Actors and dancers	—	—	—	—	—	—	—	—
Authors, editors, and reporters	56	51	—	—	—	—	5	—
Other professional, technical, and kindred workers	625	455	153	14	54	85	17	—
Managers and administrators, except farm	1 334	993	181	39	34	108	129	31
Buyers, purchasing agents, and sales managers	318	303	10	5	—	—	5	—
Restaurant, cafeteria, and bar managers	140	70	45	—	—	45	15	10
School administrators	46	37	9	—	—	—	—	—
Other specified managers and administrators	286	183	97	29	29	39	6	—
Managers and administrators, n.e.c., salaried	420	400	20	5	5	10	—	—
Wholesale and retail trade	136	131	5	5	—	—	—	—
Managers and administrators, n.e.c., self-employed	124	—	—	—	—	—	103	21
Wholesale and retail trade	53	—	—	—	—	—	47	6
Sales workers	3 877	3 702	14	9	5	—	150	11
Demonstrators, hucksters, and peddlers	293	229	—	—	—	—	64	—
Insurance, real estate agents, and brokers	150	138	—	—	—	—	12	—
Sales clerks, retail trade	2 862	2 787	9	4	5	—	60	6
Salesmen, retail trade	98	89	—	—	—	—	4	5
Other sales workers	474	459	5	5	—	—	10	—
Clerical and kindred workers	16 694	14 660	1 736	431	337	968	107	191
Bank tellers	285	280	5	—	—	5	—	—
Bookkeepers	1 981	1 802	58	16	11	31	49	72
Cashiers	1 192	1 164	9	3	—	6	10	9
Counter clerks, except food	280	280	—	—	—	—	—	—
Enumerators and interviewers	38	22	16	16	—	—	—	—
File clerks	506	450	56	4	15	37	—	—
Office machine operators	899	841	58	13	17	28	—	—
Bookkeeping and billing machine operators	95	88	7	—	—	7	—	—
Keypunch operators	562	533	29	13	—	16	—	—
Payroll and timekeeping clerks	202	173	29	—	—	29	—	—
Receptionists	515	484	18	—	12	6	—	13
Secretaries	4 230	3 693	461	75	100	286	23	53
Stenographers	203	170	33	14	5	14	—	—
Telephone operators	517	505	12	—	12	—	—	5
Typists	1 439	1 218	207	12	62	133	9	—
Other clerical and kindred workers	4 407	3 578	774	278	103	393	16	39
Craftsmen and kindred workers	889	795	66	—	17	49	23	5
Foremen, n.e.c.	118	118	—	—	—	—	—	—
Operatives, except transport	6 102	5 816	213	112	38	63	47	26
Assemblers	1 337	1 281	56	52	—	4	—	—
Bottling and canning operatives	10	10	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	665	649	10	10	—	—	6	—
Dressmakers and seamstresses, except factory	157	132	5	—	5	—	15	5
Laundry and drycleaning operatives, including ironers	433	379	44	6	11	27	6	4
Graders and sorters, manufacturing	—	—	—	—	—	—	—	—
Packers and wrappers, except produce	478	470	8	—	4	4	—	—
Sewers and stitchers	164	159	—	—	—	—	5	—
Textile operatives	12	12	—	—	—	—	—	—
Other specified operatives	1 573	1 489	52	26	13	13	15	17
Miscellaneous and not specified operatives	1 273	1 235	38	18	5	15	—	—
Manufacturing	1 192	1 154	38	18	5	15	—	—
Durable goods	877	849	28	18	5	5	—	—
Machinery, including electrical	657	629	28	18	5	5	—	—
Other durable goods	220	220	—	—	—	—	—	—
Nondurable goods, including not specified manufacturing	315	305	10	—	—	10	—	—
Food and kindred products	61	56	5	—	—	5	—	—
Apparel and other fabricated textile products	9	9	—	—	—	—	—	—
Nonmanufacturing industries	81	81	—	—	—	—	—	—
Transport equipment operatives	244	186	58	—	—	58	—	—
Laborers, except farm	565	527	22	—	10	12	—	16
Farmers and farm managers	40	—	—	—	—	—	40	—
Farm laborers and farm foremen	57	32	—	—	—	—	—	25
Paid farm laborers and farm foremen	32	32	—	—	—	—	—	—
Unpaid family workers	25	—	—	—	—	—	—	25
Service workers, except private household¹	7 314	5 557	1 385	80	734	571	320	52
Cleaning service workers	763	630	112	23	49	40	10	11
Chambermaids and maids	166	146	20	7	8	5	—	—
Food service workers	3 127	2 650	421	15	106	300	37	19
Cooks, except private household	936	643	256	10	61	185	22	15
Waiters and food counter workers	1 664	1 604	56	2	4	50	—	4
Health service workers	1 900	1 257	627	24	476	127	16	—
Nursing aides, orderlies, and attendants	1 319	741	572	20	444	108	6	—
Practical nurses	209	184	15	4	6	5	10	—
Personal service workers	1 045	640	139	18	66	55	244	22
Hairdressers and cosmetologists	638	409	—	—	—	—	213	16
Private household workers	984	970	—	—	—	—	14	—
Private household workers, living in	51	51	—	—	—	—	—	—
Private household workers, living out	933	919	—	—	—	—	14	—

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
GARY—HAMMOND—EAST CHICAGO SMSA								
Total								
Male, 16 years old and over	158 529	139 456	11 740	1 871	1 421	8 448	7 130	203
Professional, technical, and kindred workers	15 420	10 664	3 341	133	532	2 676	1 405	10
Accountants	1 068	919	71	37	29	5	78	—
Architects	78	54	—	—	—	—	24	—
Computer specialists	303	298	5	—	—	5	—	—
Engineers	2 677	2 575	69	5	19	45	33	—
Aeronautical and astronautical	—	—	—	—	—	—	—	—
Civil	433	375	42	5	13	24	16	—
Electrical and electronic	395	383	12	—	6	6	—	—
Mechanical	381	370	11	—	—	11	—	—
Other engineers	1 468	1 447	4	—	—	4	17	—
Lawyers and judges	508	102	29	—	5	24	377	—
Life and physical scientists	709	692	17	5	5	7	—	—
Chemists	662	650	12	—	5	7	—	—
Physicians, dentists, and related practitioners	933	350	16	—	6	10	567	—
Dentists	185	31	6	—	6	—	148	—
Pharmacists	273	190	—	—	—	—	83	—
Physicians, medical and osteopathic	382	112	5	—	—	5	265	—
Other related practitioners	93	17	5	—	—	5	71	—
Health technologists and technicians	142	100	31	—	9	22	6	5
Religious workers	604	518	—	—	—	—	86	—
Social scientists	62	57	5	—	—	5	—	—
Social and recreation workers	231	40	191	19	31	141	—	—
Teachers	3 308	854	2 405	17	290	2 098	44	5
College and university	530	323	207	—	174	33	—	—
Elementary and prekindergarten	737	162	575	—	46	529	—	—
Secondary	1 886	284	1 602	11	70	1 521	—	—
Engineering and science technicians	2 429	2 317	89	11	20	58	23	—
Draftsmen and surveyors	830	777	38	—	5	33	15	—
Electrical and electronic engineering technicians	183	174	9	—	5	4	—	—
Technicians, except health, and engineering and science	164	92	72	9	13	50	—	—
Airplane pilots	17	17	—	—	—	—	—	—
Writers, artists, and entertainers	624	490	21	4	—	17	113	—
Other professional, technical, and kindred workers	1 580	1 206	320	26	105	189	54	—
Managers and administrators, except farm	10 121	7 604	862	105	125	632	1 619	36
Buyers, purchasing agents, and sales managers	1 201	1 148	10	—	—	10	43	—
School administrators	366	32	334	5	70	259	—	—
Specified managers and administrators, public administration	359	5	354	81	31	242	—	—
Other specified managers and administrators	2 049	1 680	68	8	14	46	291	10
Managers and administrators, n.e.c., salaried	4 835	4 739	96	11	10	75	—	—
Manufacturing	1 340	1 340	—	—	—	—	—	—
Wholesale and retail trade	1 630	1 630	—	—	—	—	—	—
Transportation, communications and other public utilities	482	446	36	—	—	36	—	—
All other industries	1 383	1 323	60	11	10	39	—	—
Managers and administrators, n.e.c., self-employed	1 311	—	—	—	—	—	1 285	26
Construction	240	—	—	—	—	—	240	—
Manufacturing	42	—	—	—	—	—	37	5
Wholesale and retail trade	772	—	—	—	—	—	763	9
All other industries	257	—	—	—	—	—	245	12
Sales workers	6 207	5 303	28	6	7	15	858	18
Insurance agents, brokers, and underwriters	1 018	839	2	—	2	—	177	—
Real estate agents and brokers	354	201	—	—	—	—	149	4
Sales representatives, manufacturing industries	571	546	—	—	—	—	25	—
Sales representatives, wholesale trade	1 020	896	—	—	—	—	124	—
Sales clerks, retail trade	1 433	1 209	15	—	5	10	200	9
Salesmen, retail trade	1 001	888	—	—	—	—	108	5
Salesmen of services and construction	227	200	6	6	—	—	21	—
Other sales workers	583	524	5	—	—	5	54	—
Clerical and kindred workers	9 991	8 692	1 229	888	47	294	70	—
Bank tellers and cashiers	200	187	3	—	3	—	10	—
Bookkeepers and billing clerks	809	720	68	15	5	48	21	—
Mail handlers and postal clerks	843	99	744	744	—	—	—	—
Other clerical and kindred workers	8 139	7 686	414	129	39	246	39	—
Craftsmen and kindred workers	50 805	48 299	1 155	197	193	765	1 322	29
Apparel craftsmen and upholsterers	150	122	5	—	—	5	23	—
Bakers	140	117	—	—	—	—	23	—
Cabinetmakers	67	49	—	—	—	—	18	—
Construction craftsmen	12 858	12 014	280	15	47	218	552	12
Carpenters	2 355	2 061	32	5	12	15	262	—
Excavating, grading, and road machine operators	1 351	1 260	80	—	17	63	11	—
Electricians	3 204	3 155	28	—	6	22	21	—
Masons and tile setters	1 287	1 202	31	5	5	21	54	—
Painters, construction and maintenance, and paperhangers	683	522	55	—	—	55	99	7
Plasterers and cement finishers	221	195	16	—	—	16	10	—
Plumbers and pipe fitters	2 475	2 387	31	5	—	26	57	—
Other construction craftsmen	1 282	1 232	7	—	7	—	38	5
Foremen, n.e.c.	7 921	7 759	153	22	29	102	9	—
Manufacturing	6 323	6 303	20	5	6	9	—	—
Nonmanufacturing industries	1 598	1 456	133	17	23	93	9	—
Linemen and servicemen, telephone and power	794	770	18	—	5	13	6	—
Locomotive engineers and firemen	709	691	5	8	5	5	—	—
Mechanics and repairmen	9 145	8 497	244	76	21	147	393	11
Air conditioning, heating, and refrigeration	282	257	6	6	—	—	19	—
Aircraft	26	26	—	—	—	—	—	—
Automobile, including body	2 642	2 342	74	19	4	51	226	—
Radio and television	450	369	10	—	—	10	71	—
Other mechanics and repairmen	5 745	5 503	154	51	17	86	77	11
Metal craftsmen, except mechanics	8 058	7 934	104	24	16	64	20	—
Machinists and job and die setters	2 032	2 007	25	5	—	20	—	—
Sheetmetal workers and tinsmiths	484	460	14	4	—	10	10	—
Tool and die makers	535	529	6	—	6	—	—	—
Other metal craftsmen	5 007	4 938	59	15	10	34	10	—
Printing craftsmen	530	518	—	—	—	—	12	—
Compositors and typesetters	253	249	—	—	—	—	4	—
Pressmen and plate printers, printing	147	143	—	—	—	—	4	—
Stationary engineers and power station operators	1 020	924	91	—	8	83	5	—
Other craftsmen and kindred workers	9 413	8 904	242	52	62	128	261	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**

GARY-HAMMOND-EAST CHICAGO 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	28 911	28 107	627	194	92	341	159	18
Assemblers.....	980	969	5	—	5	—	—	6
Checkers, examiners, and inspectors, manufacturing.....	1 652	1 638	14	5	6	3	—	—
Garage workers and gas station attendants.....	1 112	1 067	15	—	—	15	30	—
Laundry and drycleaning operatives, n.e.c.....	103	87	11	—	—	11	5	—
Meat cutters and butchers.....	626	598	—	—	—	—	28	—
Mine operatives, n.e.c.....	49	49	—	—	—	—	—	—
Packers and wrappers, except produce.....	359	354	5	—	—	5	—	—
Painters, manufactured articles.....	395	371	20	5	—	15	4	—
Precision machine operatives.....	1 639	1 605	30	7	6	17	4	—
Sawyers.....	206	206	—	—	—	—	—	—
Stationary firemen.....	459	428	31	—	11	20	—	—
Textile operatives.....	41	41	—	—	—	—	—	—
Welders and flamecutters.....	4 069	3 950	107	38	10	59	5	7
Other metalworking operatives.....	3 159	3 083	76	32	15	29	—	—
Other specified operatives.....	3 791	3 629	118	46	28	44	39	5
Miscellaneous and not specified operatives.....	10 271	10 032	195	61	11	123	44	—
Occupation:								
Machine operatives, miscellaneous specified.....	3 809	3 759	44	20	—	24	6	—
Machine operatives, not specified.....	1 462	1 418	34	7	—	27	10	—
Miscellaneous operatives.....	3 396	3 323	61	21	5	35	12	—
Not specified operatives.....	1 604	1 532	56	13	6	37	16	—
Industry:								
Manufacturing.....	9 593	9 413	164	56	11	97	16	—
Durable goods.....	7 806	7 635	155	52	11	92	16	—
Wood products, including furniture.....	64	64	—	—	—	—	—	—
Primary metal industries.....	6 071	5 928	139	41	6	92	4	—
Fabricated metal industries.....	659	648	11	11	—	—	—	—
Machinery, including electrical.....	268	268	—	—	—	—	—	—
Motor vehicles and equipment.....	194	182	—	—	—	—	12	—
Transportation equipment, except motor vehicles.....	154	154	—	—	—	—	—	—
Other durable goods.....	396	391	5	—	5	—	—	—
Nondurable goods.....	1 766	1 757	9	4	—	5	—	—
Food and kindred products.....	241	241	—	—	—	—	—	—
Apparel and other fabricated textile products.....	9	9	—	—	—	—	—	—
Paper and allied products.....	180	180	—	—	—	—	—	—
Chemicals and allied products.....	471	471	—	—	—	—	—	—
Other nondurable goods.....	865	856	9	4	—	5	—	—
Not specified manufacturing industries.....	21	21	—	—	—	—	—	—
Nonmanufacturing industries.....	678	619	31	5	—	26	28	—
Transportation, communications, and other public utilities.....	185	168	17	—	—	17	—	—
Wholesale and retail trade.....	253	253	—	—	—	—	—	—
All other industries.....	240	198	14	5	—	9	28	—
Transport equipment operatives	9 372	8 553	598	76	70	452	221	—
Bus drivers.....	371	294	55	5	6	44	22	—
Taxicab drivers and chauffeurs.....	164	149	10	—	—	10	5	—
Truck drivers and deliverymen.....	5 889	5 250	455	44	57	354	184	—
Other transport equipment operatives.....	2 948	2 860	78	27	7	44	10	—
Laborers, except farm	15 529	14 610	852	155	92	605	67	—
Construction laborers.....	1 975	1 847	128	7	23	98	—	—
Freight, stock, and material handlers.....	4 960	4 720	240	70	5	165	—	—
Other specified laborers.....	1 834	1 584	212	16	27	169	38	—
Miscellaneous and not specified laborers.....	6 760	6 459	272	62	37	173	29	—
Occupation:								
Miscellaneous laborers.....	3 966	3 743	199	52	30	117	24	—
Not specified laborers.....	2 794	2 716	73	10	7	56	5	—
Industry:								
Manufacturing.....	6 039	5 893	146	58	29	59	—	—
Durable goods.....	5 807	5 665	142	58	29	55	—	—
Wood products, including furniture.....	20	20	—	—	—	—	—	—
Metal industries.....	5 507	5 365	142	58	29	55	—	—
Machinery, including electrical.....	27	27	—	—	—	—	—	—
Transportation equipment.....	135	135	—	—	—	—	—	—
Other durable goods.....	118	118	—	—	—	—	—	—
Nondurable goods.....	215	211	4	—	—	4	—	—
Food and kindred products.....	37	37	—	—	—	—	—	—
Not specified manufacturing industries.....	17	17	—	—	—	—	—	—
Nonmanufacturing industries.....	721	566	126	4	8	114	29	—
Railroads and railway express service.....	175	171	4	4	—	4	—	—
Transportation, except railroads.....	24	20	4	—	—	—	—	—
Communications, and utilities and sanitary services.....	123	20	97	—	8	89	6	—
Wholesale and retail trade.....	170	165	5	—	—	5	—	—
All other industries.....	229	190	16	—	—	16	23	—
Farmers and farm managers	861	43	—	—	—	—	818	—
Farm laborers and farm foremen	399	311	—	—	—	—	5	83
Paid farm laborers and farm foremen.....	316	311	—	—	—	—	5	—
Unpaid family workers.....	83	—	—	—	—	—	—	83
Service workers, except private household¹	10 884	7 245	3 048	117	263	2 668	582	9
Cleaning service workers.....	4 656	3 715	892	31	76	785	44	5
Food service workers.....	1 710	1 479	34	10	4	20	193	4
Cooks, except private household.....	571	508	15	10	—	5	44	4
Busboys and dishwashers.....	364	355	9	—	4	5	—	—
Health service workers.....	147	106	41	3	16	22	—	—
Personal service workers.....	827	467	41	11	—	30	319	—
Protective service workers.....	2 934	969	1 961	43	132	1 786	4	—
Firemen, fire protection.....	704	20	684	—	—	—	—	—
Guards and watchmen.....	989	896	89	6	42	41	4	—
Policemen and detectives.....	1 128	30	1 098	32	85	981	—	—
Private household workers	29	25	—	—	—	—	4	—

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**

GARY-HAMMOND-EAST CHICAGO 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	75 908	60 511	12 411	1 398	1 577	9 436	2 320	666
Professional, technical, and kindred workers	11 255	5 568	5 362	130	498	4 734	308	17
Accountants	381	326	39	9	10	20	—	—
Computer specialists	73	67	6	—	—	6	—	—
Librarians	235	80	155	—	19	136	—	—
Mathematical specialists	16	12	4	—	—	—	—	—
Life and physical scientists	91	86	5	—	—	5	—	—
Registered nurses, dietitians, and therapists	2 282	1 825	414	15	47	352	43	—
Dietitians	67	62	5	—	—	—	—	—
Registered nurses	2 064	1 672	349	10	25	314	43	—
Health technologists and technicians	586	529	53	—	6	47	4	—
Social scientists	44	10	28	6	—	22	6	—
Social and recreation workers	446	126	317	31	77	209	3	—
Teachers: College and university	186	131	55	4	39	12	—	—
Elementary and prekindergarten	3 586	870	2 677	34	146	2 497	34	5
Secondary	1 459	269	1 190	—	65	1 125	—	—
Other teachers	277	130	36	—	10	26	111	—
Engineering and science technicians	258	252	6	—	—	6	—	—
Technicians, except health, and engineering and science	60	31	29	—	—	29	—	—
Writers, artists, and entertainers	335	282	28	9	10	9	25	—
Actors and dancers	10	10	—	—	—	—	—	—
Authors, editors, and reporters	122	107	5	—	5	—	10	—
Other professional, technical, and kindred workers	940	542	320	18	69	233	66	12
Managers and administrators, except farm	2 240	1 391	332	35	61	236	444	73
Buyers, purchasing agents, and sales managers	322	301	—	—	—	—	17	4
Restaurant, cafeteria, and bar managers	237	126	37	—	—	37	59	15
School administrators	147	64	83	4	17	62	—	—
Other specified managers and administrators	552	323	165	25	33	107	54	10
Managers and administrators, n.e.c., salaried	624	577	47	6	11	30	—	—
Wholesale and retail trade	247	247	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	358	—	—	—	—	—	314	44
Wholesale and retail trade	232	—	—	—	—	—	212	20
Sales workers	6 159	5 673	30	—	4	26	351	105
Demonstrators, hucksters, and peddlers	330	235	—	—	—	—	95	—
Insurance, real estate agents, and brokers	300	264	—	—	—	—	31	5
Sales clerks, retail trade	4 492	4 244	9	—	4	5	175	64
Salesmen, retail trade	183	156	—	—	—	—	10	17
Other sales workers	854	774	21	—	—	21	40	19
Clerical and kindred workers	28 825	24 672	3 657	1 015	494	2 148	214	282
Bank tellers	774	765	9	5	4	—	—	—
Bookkeepers	2 856	2 437	234	52	5	177	71	114
Cashiers	3 201	3 029	123	—	36	87	34	15
Counter clerks, except food	638	616	7	—	—	7	11	4
Enumerators and interviewers	75	34	41	19	9	13	—	—
File clerks	893	766	127	20	13	94	—	—
Office machine operators	1 529	1 441	88	17	4	67	—	—
Bookkeeping and billing machine operators	168	149	19	—	—	19	—	—
Keypunch operators	939	917	22	4	4	14	—	—
Payroll and timekeeping clerks	344	333	11	7	—	4	—	—
Receptionists	805	719	76	10	—	66	5	5
Secretaries	6 334	5 392	841	125	177	539	17	84
Stenographers	316	256	54	19	10	25	6	—
Telephone operators	906	849	52	15	18	19	5	—
Typists	2 912	2 430	445	86	79	280	19	18
Other clerical and kindred workers	7 242	5 605	1 549	640	139	770	46	42
Craftsmen and kindred workers	1 598	1 467	84	25	10	49	42	5
Foremen, n.e.c.	289	269	10	5	—	5	10	—
Operatives, except transport	7 133	6 752	243	76	58	109	114	24
Assemblers	558	511	47	27	5	15	—	—
Battling and canning operatives	38	33	5	5	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	705	690	8	4	4	—	4	3
Dressmakers and seamstresses, except factory	209	163	—	—	—	—	46	—
Laundry and drycleaning operatives, including ironers	641	581	38	—	13	25	11	11
Graders and sorters, manufacturing	135	135	—	—	—	—	—	—
Packers and wrappers, except produce	1 049	1 011	28	10	—	5	5	5
Sewers and stitchers	738	717	11	—	—	11	10	—
Textile operatives	11	5	6	—	—	6	—	—
Other specified operatives	1 557	1 505	28	8	6	14	19	5
Miscellaneous and not specified operatives	1 492	1 401	72	22	17	33	19	—
Manufacturing	1 320	1 249	56	22	12	22	15	—
Durable goods	804	747	42	13	12	17	15	—
Machinery, including electrical	117	103	14	8	—	6	—	—
Other durable goods	687	644	28	5	12	11	15	—
Nondurable goods, including not specified manufacturing	516	502	14	9	—	5	—	—
Food and kindred products	78	78	—	—	—	—	—	—
Apparel and other fabricated textile products	59	50	9	4	—	5	—	—
Nonmanufacturing industries	172	152	16	—	5	11	4	—
Transport equipment operatives	515	383	91	5	13	73	25	16
Laborers, except farm	945	876	54	18	11	25	10	5
Farmers and farm managers	47	4	—	—	—	—	43	—
Farm laborers and farm foremen	94	49	5	—	5	—	—	40
Paid farm laborers and farm foremen	54	49	5	—	5	—	—	—
Unpaid family workers	40	—	—	—	—	—	—	40
Service workers, except private household¹	15 273	11 865	2 553	94	423	2 036	756	99
Cleaning service workers	2 512	1 873	626	14	76	536	13	—
Chambermaids and maids	309	267	42	5	14	23	—	—
Food service workers	6 651	5 722	752	26	120	606	112	65
Cooks, except private household	1 975	1 451	423	10	51	362	54	47
Waiters and food counter workers	3 452	3 276	48	5	6	37	23	5
Health service workers	2 603	2 208	369	14	156	199	13	13
Nursing aides, orderlies, and attendants	1 599	1 312	281	9	134	138	6	—
Practical nurses	554	477	67	—	22	45	7	3
Personal service workers	2 132	1 185	356	21	32	303	576	15
Hairdressers and cosmetologists	1 215	663	17	—	4	13	530	5
Private household workers	1 824	1 811	—	—	—	—	13	—
Private household workers, living in	89	89	—	—	—	—	—	—
Private household workers, living out	1 735	1 722	—	—	—	—	13	—

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

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

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

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

GARY-HAMMOND-EAST CHICAGO 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	22 556	19 587	2 567	652	334	1 581	395	7
Professional, technical, and kindred workers	961	474	441	28	78	335	46	--
Accountants	46	46	--	--	--	--	--	--
Architects	--	--	--	--	--	--	--	--
Computer specialists	--	--	--	--	--	--	--	--
Engineers	25	25	--	--	--	--	--	--
Aeronautical and astronautical	--	--	--	--	--	--	--	--
Civil	6	6	--	--	--	--	--	--
Electrical and electronic	--	--	--	--	--	--	--	--
Mechanical	--	--	--	--	--	--	--	--
Other engineers	19	19	--	--	--	--	--	--
Lawyers and judges	5	--	--	--	--	--	5	--
Life and physical scientists	26	26	--	--	--	--	--	--
Chemists	26	26	--	--	--	--	--	--
Physicians, dentists, and related practitioners	46	5	--	--	--	--	41	--
Dentists	10	--	--	--	--	--	10	--
Pharmacists	14	--	--	--	--	--	14	--
Physicians, medical and osteopathic	22	5	--	--	--	--	17	--
Other related practitioners	--	--	--	--	--	--	--	--
Health technologists and technicians	--	--	--	--	--	--	--	--
Religious workers	31	31	--	--	--	--	--	--
Social scientists	--	--	--	--	--	--	--	--
Social and recreation workers	62	6	56	9	13	34	--	--
Teachers	379	79	300	5	40	255	--	--
College and university	14	8	6	--	6	--	--	--
Elementary and prekindergarten	141	33	108	--	19	89	--	--
Secondary	208	27	181	5	15	161	--	--
Engineering and science technicians	137	116	21	--	5	16	--	--
Draftsmen and surveyors	26	16	10	--	--	10	--	--
Electrical and electronic engineering technicians	--	--	--	--	--	--	--	--
Technicians, except health, and engineering and science	--	--	--	--	--	--	--	--
Airplane pilots	57	51	6	--	--	6	--	--
Writers, artists, and entertainers	147	89	58	14	20	24	--	--
Other professional, technical, and kindred workers	--	--	--	--	--	--	--	--
Managers and administrators, except farm	464	191	108	16	9	83	165	--
Buyers, purchasing agents, and sales managers	16	16	--	--	--	--	--	--
School administrators	36	--	36	5	5	26	--	--
Specified managers and administrators, public administration	42	--	42	5	--	--	--	--
Other specified managers and administrators	141	81	14	--	4	10	46	--
Managers and administrators, n.e.c., salaried	110	94	16	6	--	10	--	--
Manufacturing	14	14	--	--	--	--	--	--
Wholesale and retail trade	36	36	--	--	--	--	--	--
Transportation, communications and other public utilities	--	--	--	--	--	--	--	--
All other industries	60	44	16	6	--	10	--	--
Managers and administrators, n.e.c., self-employed	119	--	--	--	--	--	119	--
Construction	23	--	--	--	--	--	23	--
Manufacturing	11	--	--	--	--	--	11	--
Wholesale and retail trade	66	--	--	--	--	--	66	--
All other industries	19	--	--	--	--	--	19	--
Sales workers	298	258	11	6	5	--	29	--
Insurance agents, brokers, and underwriters	36	36	--	--	--	--	--	--
Real estate agents and brokers	6	6	--	--	--	--	--	--
Sales representatives, manufacturing industries	22	22	--	--	--	--	--	--
Sales representatives, wholesale trade	9	9	--	--	--	--	--	--
Sales clerks, retail trade	162	133	5	--	5	--	24	--
Salesmen, retail trade	19	14	--	--	--	--	5	--
Salesmen of services and construction	9	3	6	6	--	--	--	--
Other sales workers	35	35	--	--	--	--	--	--
Clerical and kindred workers	1 090	733	357	280	10	67	--	--
Bank tellers and cashiers	20	17	3	--	3	--	--	--
Bookkeepers and billing clerks	33	28	5	5	--	--	--	--
Mail handlers and postal clerks	262	17	245	245	--	--	--	--
Other clerical and kindred workers	775	671	104	30	7	67	--	--
Craftsmen and kindred workers	5 512	5 175	263	64	50	149	67	7
Apparel craftsmen and upholsterers	11	11	--	--	--	--	--	--
Bakers	12	12	--	--	--	--	--	--
Cabinetmakers	--	--	--	--	--	--	--	--
Construction craftsmen	937	862	47	5	5	37	21	7
Carpenters	110	90	5	5	--	--	15	--
Excavating, grading, and road machine operators	173	166	7	--	--	7	--	--
Electricians	100	96	4	--	--	4	--	--
Masons and tile setters	272	261	11	--	5	6	--	--
Painters, construction and maintenance, and paperhangers	59	41	11	--	--	11	--	7
Plasterers and cement finishers	53	49	4	--	--	4	--	--
Plumbers and pipe fitters	127	122	5	--	--	5	--	--
Other construction craftsmen	43	37	--	--	--	--	6	--
Foremen, n.e.c.	501	483	18	--	6	12	--	--
Manufacturing	374	374	4	--	--	4	--	--
Nonmanufacturing industries	123	109	14	--	6	8	--	--
Linemen and servicemen, telephone and power	40	31	9	--	--	9	--	--
Locomotive engineers and firemen	74	60	14	4	5	5	--	--
Mechanics and repairmen	804	713	56	25	--	31	35	--
Air conditioning, heating, and refrigeration	26	26	--	--	--	--	--	--
Aircraft	--	--	--	14	--	--	--	--
Automobile, including body	298	250	30	14	--	16	18	6
Radio and television	23	12	5	--	--	5	6	--
Other mechanics and repairmen	457	425	21	11	--	10	11	--
Metal craftsmen, except mechanics	839	815	24	5	--	19	--	--
Machinists and job and die setters	98	93	5	--	--	5	--	--
Sheetmetal workers and tinmiths	--	--	--	--	--	--	--	--
Tool and die makers	15	15	--	--	--	--	--	--
Other metal craftsmen	726	707	19	5	--	14	--	--
Printing craftsmen	29	29	--	--	--	--	--	--
Compositors and typesetters	14	14	--	--	--	--	--	--
Pressmen and plate printers, printing	5	5	--	--	--	--	--	--
Stationary engineers and power station operators	122	114	8	--	3	5	--	--
Other craftsmen and kindred workers	2 143	2 045	87	25	31	31	11	--

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

GARY-HAMMOND-EAST CHICAGO 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	6 135	5 786	316	90	38	188	33	
Assemblers	136	136	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	150	147	3	—	—	3	—	—
Garage workers and gas station attendants	140	125	15	—	—	15	—	—
Laundry and drycleaning operatives, n.e.c.	28	23	5	—	—	5	—	—
Meat cutters and butchers	13	13	—	—	—	—	—	—
Mine operatives, n.e.c.	19	19	—	—	—	—	—	—
Packers and wrappers, except produce	102	102	—	—	—	—	—	—
Painters, manufactured articles	62	53	9	—	—	9	—	—
Precision machine operatives	290	275	11	—	—	11	4	—
Sawyers	48	48	—	—	—	—	—	—
Stationary firemen	83	78	5	—	—	5	—	—
Textile operatives	9	9	—	—	—	—	—	—
Welders and flamecutters	815	761	54	20	—	34	—	—
Other metalworking operatives	946	892	54	21	15	18	—	—
Other specified operatives	941	861	73	25	23	25	7	—
Miscellaneous and not specified operatives	2 353	2 244	87	24	—	63	22	—
Occupation:								
Machine operatives, miscellaneous specified	900	885	15	—	—	15	—	—
Machine operatives, not specified	333	310	13	—	—	13	10	—
Miscellaneous operatives	678	651	21	11	—	10	6	—
Not specified operatives	442	398	38	13	—	25	6	—
Industry:								
Manufacturing	2 255	2 174	75	24	—	51	6	—
Durable goods	2 074	1 993	75	24	—	51	6	—
Wood products, including furniture	16	16	—	—	—	—	—	—
Primary metal industries	1 673	1 598	75	24	—	51	—	—
Fabricated metal industries	159	159	—	—	—	—	—	—
Machinery, including electrical	18	18	—	—	—	—	—	—
Motor vehicles and equipment	39	33	—	—	—	—	6	—
Transportation equipment, except motor vehicles	28	28	—	—	—	—	—	—
Other durable goods	141	141	—	—	—	—	—	—
Nondurable goods	181	181	—	—	—	—	—	—
Food and kindred products	71	71	—	—	—	—	—	—
Apparel and other fabricated textile products	—	—	—	—	—	—	—	—
Paper and allied products	20	20	—	—	—	—	—	—
Chemicals and allied products	49	49	—	—	—	—	—	—
Other nondurable goods	41	41	—	—	—	—	—	—
Not specified manufacturing industries	—	—	—	—	—	—	—	—
Nonmanufacturing industries	98	70	12	—	—	12	16	—
Transportation, communications, and other public utilities	28	16	12	—	—	12	—	—
Wholesale and retail trade	49	49	—	—	—	—	—	—
All other industries	21	5	—	—	—	—	16	—
Transport equipment operatives	1 527	1 353	170	31	26	113	4	—
Bus drivers	87	71	16	5	6	5	—	—
Taxicab drivers and chauffeurs	20	20	—	—	—	—	—	—
Truck drivers and deliverymen	663	531	128	17	13	98	4	—
Other transport equipment operatives	757	731	26	9	7	10	—	—
Laborers, except farm	4 344	3 981	358	102	56	200	5	—
Construction laborers	485	438	47	7	23	17	—	—
Freight, stock, and material handlers	914	788	126	43	—	83	—	—
Other specified laborers	495	445	50	5	5	40	—	—
Miscellaneous and not specified laborers	2 450	2 310	135	47	28	60	5	—
Occupation:								
Miscellaneous laborers	1 703	1 607	96	37	21	38	—	—
Not specified laborers	747	703	39	10	7	22	5	—
Industry:								
Manufacturing	2 310	2 220	90	47	20	23	—	—
Durable goods	2 277	2 191	86	47	20	19	—	—
Wood products, including furniture	—	—	—	—	—	—	—	—
Metal industries	2 235	2 149	86	47	20	19	—	—
Machinery, including electrical	7	7	—	—	—	—	—	—
Transportation equipment	10	10	—	—	—	—	—	—
Other durable goods	25	25	—	—	—	—	—	—
Nondurable goods	30	26	4	—	—	4	—	—
Food and kindred products	—	—	—	—	—	—	—	—
Not specified manufacturing industries	3	3	—	—	—	—	—	—
Nonmanufacturing industries	140	90	45	—	8	37	5	—
Railroads and railway express service	28	28	—	—	—	—	—	—
Transportation, except railroads	—	—	—	—	—	—	—	—
Communications, and utilities and sanitary services	33	—	33	—	8	25	—	—
Wholesale and retail trade	30	30	—	—	—	—	—	—
All other industries	49	32	12	—	—	12	5	—
Formers and farm managers	14	—	—	—	—	—	14	—
Farm laborers and farm foremen	35	35	—	—	—	—	—	—
Paid farm laborers and farm foremen	35	35	—	—	—	—	—	—
Unpaid family workers	—	—	—	—	—	—	—	—
Service workers, except private household ¹	2 166	1 591	543	35	62	446	32	—
Cleaning service workers	1 291	1 068	223	9	28	186	—	—
Food service workers	137	123	10	—	—	10	4	—
Cooks, except private household	62	62	—	—	—	—	—	—
Busboys and dishwashers	25	20	5	—	—	5	—	—
Health service workers	58	33	25	—	16	9	—	—
Personal service workers	99	66	5	5	—	—	28	—
Protective service workers	377	117	260	6	13	241	—	—
Firemen, fire protection	102	4	98	—	—	98	—	—
Guards and watchmen	118	102	16	6	5	5	—	—
Policemen and detectives	157	11	146	—	8	138	—	—
Private household workers	10	10	—	—	—	—	—	—

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**

GARY-HAMMOND-EAST CHICAGO 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	13 945	10 167	3 427	607	600	2 220	299	52
Professional, technical, and kindred workers	2 185	851	1 303	68	171	1 064	31	—
Accountants	23	8	10	—	10	—	5	—
Computer specialists	4	4	—	—	—	—	—	—
Librarians	48	10	38	—	5	33	—	—
Mathematical specialists	4	—	4	4	—	—	—	—
Life and physical scientists	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	300	226	65	5	23	37	9	—
Dietitians	37	32	5	5	—	—	—	—
Registered nurses	237	190	38	—	17	21	9	—
Health technologists and technicians	153	146	7	—	7	—	—	—
Social scientists	12	—	12	—	—	12	—	—
Social and recreation workers	203	25	175	26	53	96	3	—
Teachers: College and university	20	15	5	—	5	—	—	—
Elementary and prekindergarten	752	159	593	22	25	546	—	—
Secondary	357	72	285	—	31	254	—	—
Other teachers	29	19	5	—	5	—	5	—
Engineering and science technicians	61	55	6	—	—	6	—	—
Technicians, except health, and engineering and science	5	5	—	—	—	—	—	—
Writers, artists, and entertainers	34	24	10	—	5	5	—	—
Actors and dancers	—	—	—	—	—	—	—	—
Authors, editors, and reporters	16	11	5	—	5	—	—	—
Other professional, technical, and kindred workers	180	83	88	11	9	68	9	—
Managers and administrators, except farm	214	99	44	10	—	34	65	6
Buyers, purchasing agents, and sales managers	—	—	—	—	—	—	—	—
Restaurant, cafeteria, and bar managers	38	20	6	—	—	6	6	6
School administrators	13	5	8	—	—	—	—	—
Other specified managers and administrators	73	37	25	6	—	19	11	—
Managers and administrators, n.e.c., salaried	42	37	5	—	—	5	—	—
Wholesale and retail trade	14	14	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	48	—	—	—	—	—	48	—
Wholesale and retail trade	33	—	—	—	—	—	33	—
Sales workers	509	453	4	—	—	4	30	22
Demonstrators, hucksters, and peddlers	8	8	—	—	—	—	—	—
Insurance, real estate agents, and brokers	11	11	—	—	—	—	—	—
Sales clerks, retail trade	404	365	—	—	—	—	25	14
Salesmen, retail trade	—	—	—	—	—	—	—	—
Other sales workers	86	69	4	—	—	4	5	8
Clerical and kindred workers	3 441	2 486	936	391	118	427	5	14
Bank tellers	57	57	—	—	—	—	—	—
Bookkeepers	169	135	29	15	—	14	—	5
Cashiers	400	382	18	—	—	18	—	—
Counter clerks, except food	87	87	—	—	—	—	—	—
Enumerators and interviewers	37	19	18	5	—	13	—	—
File clerks	182	133	49	16	6	27	—	—
Office machine operators	269	253	16	11	—	5	—	—
Bookkeeping and billing machine operators	17	17	—	—	—	—	—	—
Keypunch operators	183	179	4	4	—	—	—	—
Payroll and timekeeping clerks	30	23	7	—	—	—	—	—
Receptionists	76	71	5	—	—	5	—	—
Secretaries	510	345	161	36	35	90	—	4
Stenographers	21	5	16	—	5	11	—	—
Telephone operators	99	89	10	—	10	—	—	—
Typists	431	310	121	32	16	73	—	—
Other clerical and kindred workers	1 073	577	486	269	46	171	5	5
Craftsmen and kindred workers	342	322	20	14	—	6	—	—
Foremen, n.e.c.	40	40	—	—	—	—	—	—
Operatives, except transport	1 791	1 647	139	64	32	43	5	—
Assemblers	112	79	33	27	—	6	—	—
Bottling and canning operatives	26	21	5	5	—	—	—	—
Checkers, examiners, and inspectors, manufacturing	130	122	8	4	4	—	—	—
Dressmakers and seamstresses, except factory	46	46	—	—	—	—	—	—
Laundry and drycleaning operatives, including ironers	263	254	9	—	5	4	—	—
Graders and sorters, manufacturing	15	15	—	—	—	—	—	—
Packers and wrappers, except produce	216	196	15	10	5	5	—	—
Sewers and stitchers	179	173	6	—	—	6	—	—
Textile operatives	—	—	—	—	—	—	—	—
Other specified operatives	380	369	11	—	6	5	—	—
Miscellaneous and not specified operatives	424	372	52	18	12	22	—	—
Manufacturing	394	342	52	18	12	22	—	—
Durable goods	253	211	42	13	12	17	—	—
Machinery, including electrical	30	16	14	8	—	6	—	—
Other durable goods	223	195	28	5	12	11	—	—
Nondurable goods, including not specified manufacturing	141	131	10	5	—	5	—	—
Food and kindred products	48	48	—	—	—	—	—	—
Apparel and other fabricated textile products	19	14	5	—	—	5	—	—
Nonmanufacturing industries	30	30	—	—	—	—	—	—
Transport equipment operatives	89	84	—	—	—	—	5	—
Laborers, except farm	376	334	37	13	11	13	—	5
Farmers and farm managers	7	—	—	—	—	—	7	—
Farm laborers and farm foremen	33	28	5	—	5	—	—	—
Paid farm laborers and farm foremen	33	28	5	—	5	—	—	—
Unpaid family workers	—	—	—	—	—	—	—	—
Service workers, except private household¹	4 009	2 914	939	47	263	629	151	5
Cleaning service workers	916	689	227	5	10	212	—	—
Chambermaids and maids	129	113	16	5	5	6	—	—
Food service workers	1 119	909	195	5	66	124	10	5
Cooks, except private household	518	409	99	5	30	64	10	—
Waiters and food counter workers	327	309	13	—	6	7	—	5
Health service workers	1 140	918	209	10	143	56	13	—
Nursing aides, orderlies, and attendants	776	609	161	5	128	28	6	—
Practical nurses	267	222	38	—	15	23	7	—
Personal service workers	481	182	171	16	24	131	128	—
Hairdressers and cosmetologists	161	57	—	—	—	—	104	—
Private household workers	949	949	—	—	—	—	—	—
Private household workers, living in	20	20	—	—	—	—	—	—
Private household workers, living out	929	929	—	—	—	—	—	—

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

GARY—HAMMOND—EAST CHICAGO SMSA—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	8 154	7 482	546	62	46	438	120	6
Professional, technical, and kindred workers	314	180	113	—	22	91	21	—
Accountants	33	33	—	—	—	—	—	—
Architects	—	—	—	—	—	—	—	—
Computer specialists	5	5	—	—	—	—	—	—
Engineers	27	17	10	—	10	—	—	—
Aeronautical and astronautical	—	—	—	—	—	—	—	—
Civil	16	6	10	—	10	—	—	—
Electrical and electronic	—	—	—	—	—	—	—	—
Mechanical	5	5	—	—	—	—	—	—
Other engineers	6	6	—	—	—	—	—	—
Lawyers and judges	14	—	—	—	—	—	14	—
Life and physical scientists	17	17	—	—	—	—	—	—
Chemists	17	17	—	—	—	—	—	—
Physicians, dentists, and related practitioners	36	29	—	—	—	—	7	—
Dentists	—	—	—	—	—	—	—	—
Pharmacists	22	22	—	—	—	—	—	—
Physicians, medical and osteopathic	14	7	—	—	—	—	7	—
Other related practitioners	—	—	—	—	—	—	—	—
Health technologists and technicians	—	—	—	—	—	—	—	—
Religious workers	24	24	—	—	—	—	—	—
Social scientists	—	—	—	—	—	—	—	—
Social and recreation workers	8	—	8	—	—	—	—	—
Teachers	76	6	70	—	6	64	7	—
College and university	13	—	13	—	6	—	—	—
Elementary and prekindergarten	18	—	18	—	—	18	—	—
Secondary	45	6	39	—	—	39	—	—
Engineering and science technicians	42	42	—	—	—	—	—	—
Draftsmen and surveyors	20	20	—	—	—	—	—	—
Electrical and electronic engineering technicians	5	5	—	—	—	—	—	—
Technicians, except health, and engineering and science	6	—	6	—	—	6	—	—
Airplane pilots	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	—	—	—	—	—	—	—	—
Other professional, technical, and kindred workers	26	7	19	—	6	13	—	—
Managers and administrators, except farm	200	110	44	5	—	39	40	6
Buyers, purchasing agents, and sales managers	16	16	—	—	—	—	—	—
School administrators	19	—	19	—	—	19	—	—
Specified managers and administrators, public administration	16	—	16	5	—	11	—	—
Other specified managers and administrators	73	61	—	—	—	—	6	6
Managers and administrators, n.e.c., salaried	42	33	9	—	—	9	—	—
Manufacturing	12	12	—	—	—	—	—	—
Wholesale and retail trade	6	6	—	—	—	—	—	—
Transportation, communications and other public utilities	9	—	9	—	—	9	—	—
All other industries	15	15	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	34	—	—	—	—	—	34	—
Construction	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—
Wholesale and retail trade	34	—	—	—	—	—	34	—
All other industries	—	—	—	—	—	—	—	—
Sales workers	156	142	—	—	—	—	14	—
Insurance agents, brokers, and underwriters	43	43	—	—	—	—	—	—
Real estate agents and brokers	6	—	—	—	—	—	6	—
Sales representatives, manufacturing industries	19	19	—	—	—	—	—	—
Sales representatives, wholesale trade	—	—	—	—	—	—	—	—
Sales clerks, retail trade	50	42	—	—	—	—	8	—
Salesmen, retail trade	9	9	—	—	—	—	—	—
Salesmen of services and construction	14	14	—	—	—	—	—	—
Other sales workers	15	15	—	—	—	—	—	—
Clerical and kindred workers	419	391	25	13	—	12	3	—
Bank tellers and cashiers	3	—	—	—	—	—	3	—
Bookkeepers and billing clerks	20	20	—	—	—	—	—	—
Mail handlers and postal clerks	7	—	7	7	—	—	—	—
Other clerical and kindred workers	389	371	18	6	—	12	—	—
Craftsmen and kindred workers	2 237	2 163	68	7	8	53	6	—
Apparel craftsmen and upholsterers	—	—	—	—	—	—	—	—
Bakers	13	13	—	—	—	—	—	—
Cabinetmakers	6	6	—	—	—	—	—	—
Construction craftsmen	482	477	5	—	—	5	—	—
Carpenters	13	13	—	—	—	—	—	—
Excavating, grading, and road machine operators	138	138	—	—	—	—	—	—
Electricians	106	101	5	—	—	5	—	—
Masons and tile setters	86	86	—	—	—	—	—	—
Painters, construction and maintenance, and paperhangers	26	26	—	—	—	—	—	—
Plasterers and cement finishers	—	—	—	—	—	—	—	—
Plumbers and pipe fitters	71	71	—	—	—	—	—	—
Other construction craftsmen	42	42	—	—	—	—	—	—
Foremen, n.e.c.	219	212	7	7	—	—	—	—
Manufacturing	179	179	—	—	—	—	—	—
Nonmanufacturing industries	40	33	7	7	—	—	—	—
Linemen and servicemen, telephone and power	12	12	—	—	—	—	—	—
Locomotive engineers and firemen	38	38	—	—	—	—	—	—
Mechanics and repairmen	280	267	13	—	—	13	—	—
Air conditioning, heating, and refrigeration	—	—	—	—	—	—	—	—
Aircraft	8	8	—	—	—	—	—	—
Automobile, including body	81	68	13	—	—	13	—	—
Radio and television	23	23	—	—	—	—	—	—
Other mechanics and repairmen	168	168	—	—	—	—	—	—
Metal craftsmen, except mechanics	377	362	15	—	8	7	—	—
Machinists and job and die setters	60	60	—	—	—	—	—	—
Sheetmetal workers and fitters	6	6	—	—	—	—	—	—
Tool and die makers	26	26	—	—	—	—	—	—
Other metal craftsmen	285	270	15	—	8	7	—	—
Printing craftsmen	24	24	—	—	—	—	—	—
Compositors and typesetters	7	7	—	—	—	—	—	—
Pressmen and plate printers, printing	17	17	—	—	—	—	—	—
Stationary engineers and power station operators	51	42	9	—	—	9	—	—
Other craftsmen and kindred workers	735	710	19	—	—	19	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**

GARY-HAMMOND-EAST CHICAGO SMSA—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	2 012	1 962	38	16	8	14	12	—
Assemblers.....	52	52	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	93	93	—	—	—	—	—	—
Garage workers and gas station attendants.....	14	14	—	—	—	—	—	—
Laundry and drycleaning operatives, n.e.c.....	6	6	—	—	—	—	—	—
Meat cutters and butchers.....	27	27	—	—	—	—	—	—
Mine operatives, n.e.c.....	—	—	—	—	—	—	—	—
Packers and wrappers, except produce.....	39	39	—	—	—	—	—	—
Painters, manufactured articles.....	16	16	—	—	—	—	—	—
Precision machine operatives.....	71	63	8	—	8	—	—	—
Sawyers.....	19	19	—	—	—	—	—	—
Stationary firemen.....	50	50	—	—	—	—	—	—
Textile operatives.....	—	—	—	—	—	—	—	—
Welders and flamecutters.....	295	286	9	9	—	—	—	—
Other metalworking operatives.....	285	278	7	—	—	7	—	—
Other specified operatives.....	238	225	7	7	—	—	6	—
Miscellaneous and not specified operatives.....	807	794	7	—	—	7	6	—
Occupation:								
Machine operatives, miscellaneous specified.....	164	164	—	—	—	—	—	—
Machine operatives, not specified.....	141	134	7	—	—	7	—	—
Miscellaneous operatives.....	333	333	—	—	—	—	—	—
Not specified operatives.....	169	163	—	—	—	—	6	—
Industry:								
Manufacturing.....	778	772	—	—	—	—	6	—
Durable goods.....	726	720	—	—	—	—	6	—
Wood products, including furniture.....	—	—	—	—	—	—	—	—
Primary metal industries.....	643	637	—	—	—	—	6	—
Fabricated metal industries.....	38	38	—	—	—	—	—	—
Machinery, including electrical.....	—	—	—	—	—	—	—	—
Motor vehicles and equipment.....	5	5	—	—	—	—	—	—
Transportation equipment, except motor vehicles.....	8	8	—	—	—	—	—	—
Other durable goods.....	32	32	—	—	—	—	—	—
Nondurable goods.....	52	52	—	—	—	—	—	—
Food and kindred products.....	—	—	—	—	—	—	—	—
Apparel and other fabricated textile products.....	—	—	—	—	—	—	—	—
Paper and allied products.....	19	19	—	—	—	—	—	—
Chemicals and allied products.....	5	5	—	—	—	—	—	—
Other nondurable goods.....	28	28	—	—	—	—	—	—
Not specified manufacturing industries.....	—	—	7	—	—	—	—	—
Nonmanufacturing industries.....	29	22	7	—	—	7	—	—
Transportation, communications, and other public utilities.....	22	15	7	—	—	7	—	—
Wholesale and retail trade.....	—	—	—	—	—	—	—	—
All other industries.....	7	7	—	—	—	—	—	—
Transport equipment operatives	485	417	60	8	—	52	8	—
Bus drivers.....	22	22	—	—	—	—	—	—
Taxicab drivers and chauffeurs.....	6	6	—	—	—	—	—	—
Truck drivers and deliverymen.....	175	133	34	—	—	34	8	—
Other transport equipment operatives.....	282	256	26	8	—	18	—	—
Laborers, except farm	1 687	1 611	76	6	4	66	—	—
Construction laborers.....	137	130	7	—	—	7	—	—
Freight, stock, and material handlers.....	463	458	5	—	—	5	—	—
Other specified laborers.....	112	100	12	—	—	12	—	—
Miscellaneous and not specified laborers.....	975	923	52	6	4	42	—	—
Occupation:								
Miscellaneous laborers.....	589	553	36	6	4	26	—	—
Not specified laborers.....	386	370	16	—	—	16	—	—
Industry:								
Manufacturing.....	886	859	27	—	4	23	—	—
Durable goods.....	874	853	21	—	4	17	—	—
Wood products, including furniture.....	—	—	—	—	—	—	—	—
Metal industries.....	830	809	21	—	4	17	—	—
Machinery, including electrical.....	—	—	—	—	—	—	—	—
Transportation equipment.....	19	19	—	—	—	—	—	—
Other durable goods.....	25	25	—	—	—	—	—	—
Nondurable goods.....	12	6	6	—	—	6	—	—
Food and kindred products.....	6	6	—	—	—	—	—	—
Not specified manufacturing industries.....	—	—	—	—	—	—	—	—
Nonmanufacturing industries.....	89	64	25	6	—	19	—	—
Railroads and railway express service.....	47	41	6	6	—	—	—	—
Transportation, except railroads.....	—	—	—	—	—	—	—	—
Communications, and utilities and sanitary services.....	13	—	13	—	—	13	—	—
Wholesale and retail trade.....	16	16	—	—	—	—	—	—
All other industries.....	13	7	6	—	—	6	—	—
Farmers and farm managers	—	—	—	—	—	—	—	—
Farm laborers and farm foremen	—	—	—	—	—	—	—	—
Paid farm laborers and farm foremen.....	—	—	—	—	—	—	—	—
Unpaid family workers.....	—	—	—	—	—	—	—	—
Service workers, except private household¹	638	500	122	7	4	111	16	—
Cleaning service workers.....	458	424	34	—	4	30	—	—
Food service workers.....	42	42	—	—	—	—	—	—
Cooks, except private household.....	28	28	—	—	—	—	—	—
Busboys and dishwashers.....	—	—	—	—	—	—	—	—
Health service workers.....	—	—	—	—	—	—	—	—
Personal service workers.....	23	7	—	—	—	—	16	—
Protective service workers.....	88	—	88	7	—	81	—	—
Firemen, fire protection.....	30	—	30	—	—	30	—	—
Guards and watchmen.....	—	—	—	—	—	—	—	—
Policemen and detectives.....	58	—	58	7	—	51	—	—
Private household workers	6	6	—	—	—	—	—	—

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

GARY-HAMMOND-EAST CHICAGO SMSA—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	2 898	2 390	424	68	19	337	55	29
Professional, technical, and kindred workers	263	171	92	15	7	70	—	—
Accountants	8	8	—	—	—	—	—	—
Computer specialists	—	—	—	—	—	—	—	—
Librarians	6	—	6	—	—	6	—	—
Mathematical specialists	—	—	—	—	—	—	—	—
Life and physical scientists	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	77	69	8	—	—	8	—	—
Dietitians	—	—	—	—	—	—	—	—
Registered nurses	58	50	8	—	—	8	—	—
Health technologists and technicians	40	40	—	—	—	—	—	—
Social scientists	—	—	—	—	—	—	—	—
Social and recreation workers	25	—	25	—	—	—	—	—
Teachers: College and university	8	8	—	—	—	—	—	—
Elementary and prekindergarten	24	9	15	8	—	7	—	—
Secondary	24	—	24	—	—	24	—	—
Other teachers	—	—	—	—	—	—	—	—
Engineering and science technicians	18	18	—	—	—	—	—	—
Technicians, except health, and engineering and science	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	7	—	7	7	—	—	—	—
Actors and dancers	—	—	—	—	—	—	—	—
Authors, editors, and reporters	—	—	—	—	—	—	—	—
Other professional, technical, and kindred workers	26	19	7	—	7	—	—	—
Managers and administrators, except farm	43	22	—	—	—	—	21	—
Buyers, purchasing agents, and sales managers	5	5	—	—	—	—	—	—
Restaurant, cafeteria, and bar managers	16	10	—	—	—	—	6	—
School administrators	—	—	—	—	—	—	—	—
Other specified managers and administrators	—	—	—	—	—	—	—	—
Managers and administrators, n.e.c., salaried	7	7	—	—	—	—	—	—
Wholesale and retail trade	7	7	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	15	—	—	—	—	—	15	—
Wholesale and retail trade	15	—	—	—	—	—	15	—
Sales workers	211	186	—	—	—	—	10	15
Demonstrators, hucksters, and peddlers	—	—	—	—	—	—	—	—
Insurance, real estate agents, and brokers	7	7	—	—	—	—	—	—
Sales clerks, retail trade	154	136	—	—	—	—	3	15
Salesmen, retail trade	6	6	—	—	—	—	—	—
Other sales workers	44	37	—	—	—	—	7	—
Clerical and kindred workers	1 240	1 068	172	53	5	114	—	—
Bank tellers	24	24	—	—	—	—	—	—
Bookkeepers	106	101	5	—	—	5	—	—
Cashiers	139	133	6	—	—	6	—	—
Counter clerks, except food	26	22	4	—	—	4	—	—
Enumerators and interviewers	—	—	—	—	—	—	—	—
File clerks	100	94	6	6	—	—	—	—
Office machine operators	43	43	—	—	—	—	—	—
Bookkeeping and billing machine operators	—	—	—	—	—	—	—	—
Keypunch operators	26	26	—	—	—	—	—	—
Payroll and timekeeping clerks	5	5	—	—	—	—	—	—
Receptionists	36	36	—	—	—	—	—	—
Secretaries	242	178	64	13	—	51	—	—
Stenographers	9	9	—	—	—	—	—	—
Telephone operators	44	40	4	—	—	4	—	—
Typists	136	123	13	6	—	7	—	—
Other clerical and kindred workers	330	260	70	28	5	37	—	—
Craftsmen and kindred workers	79	74	—	—	—	—	5	—
Foremen, n.e.c.	—	—	—	—	—	—	—	—
Operatives, except transport	360	346	—	—	—	—	—	14
Assemblers	11	11	—	—	—	—	—	—
Bottling and canning operatives	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	59	52	—	—	—	—	—	7
Dressmakers and seamstresses, except factory	7	7	—	—	—	—	—	—
Laundry and drycleaning operatives, including ironers	18	18	—	—	—	—	—	—
Graders and sorters, manufacturing	—	—	—	—	—	—	—	—
Packers and wrappers, except produce	60	60	—	—	—	—	—	—
Sewers and stitchers	81	81	—	—	—	—	—	—
Textile operatives	—	—	—	—	—	—	—	—
Other specified operatives	63	56	—	—	—	—	—	7
Miscellaneous and not specified operatives	61	61	—	—	—	—	—	—
Manufacturing	57	57	—	—	—	—	—	—
Durable goods	25	25	—	—	—	—	—	—
Machinery, including electrical	—	—	—	—	—	—	—	—
Other durable goods	25	25	—	—	—	—	—	—
Nondurable goods, including not specified manufacturing	32	32	—	—	—	—	—	—
Food and kindred products	—	—	—	—	—	—	—	—
Apparel and other fabricated textile products	12	12	—	—	—	—	—	—
Nonmanufacturing industries	4	4	—	—	—	—	—	—
Transport equipment operatives	6	6	—	—	—	—	—	—
Laborers, except farm	32	32	—	—	—	—	—	—
Farmers and farm managers	—	—	—	—	—	—	—	—
Farm laborers and farm foremen	—	—	—	—	—	—	—	—
Paid farm laborers and farm foremen	—	—	—	—	—	—	—	—
Unpaid family workers	—	—	—	—	—	—	—	—
Service workers, except private household¹	635	456	160	—	7	153	19	—
Cleaning service workers	151	104	47	—	7	40	—	—
Chambermaids and maids	12	12	—	—	—	—	—	—
Food service workers	181	166	8	—	—	8	7	—
Cooks, except private household	57	42	8	—	—	8	7	—
Waiters and food counter workers	104	104	—	—	—	—	—	—
Health service workers	138	103	35	—	—	35	—	—
Nursing aides, orderlies, and attendants	96	65	31	—	—	31	—	—
Practical nurses	18	14	4	—	—	4	—	—
Personal service workers	71	33	26	—	—	26	12	—
Hairdressers and cosmetologists	38	26	—	—	—	—	12	—
Private household workers	29	29	—	—	—	—	—	—
Private household workers, living in	7	7	—	—	—	—	—	—
Private household workers, living out	22	22	—	—	—	—	—	—

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**

INDIANAPOLIS 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	272 973	221 335	29 488	10 923	5 898	12 667	21 688	462
Professional, technical, and kindred workers	38 368	25 112	9 388	2 616	2 484	4 288	3 833	35
Accountants	3 464	2 564	554	313	44	197	346	—
Architects	323	231	26	—	12	14	66	—
Computer specialists	1 205	976	229	105	89	35	—	—
Engineers	7 504	6 413	976	617	327	32	115	—
Aeronautical and astronautical	369	358	11	—	—	—	—	—
Civil	880	497	349	54	272	23	34	—
Electrical and electronic	1 524	1 263	244	226	18	—	17	—
Mechanical	1 253	1 158	87	78	5	4	8	—
Other engineers	3 478	3 137	285	248	32	5	56	—
Lawyers and judges	1 564	422	227	68	81	78	904	11
Life and physical scientists	1 216	993	207	82	89	36	16	—
Chemists	834	762	67	24	32	11	5	—
Physicians, dentists, and related practitioners	3 045	1 040	353	92	176	85	1 652	—
Dentists	606	47	62	25	37	—	497	—
Pharmacists	672	499	26	9	6	11	147	—
Physicians, medical and osteopathic	1 443	448	250	48	128	74	745	—
Other related practitioners	324	46	15	10	5	—	263	—
Health technologists and technicians	504	305	188	46	77	65	11	—
Religious workers	1 326	1 125	35	17	4	14	166	—
Social scientists	444	347	76	26	22	28	21	—
Social and recreation workers	471	170	301	27	64	210	—	—
Teachers	5 135	1 205	3 882	70	711	3 101	48	—
College and university	787	762	434	10	400	24	—	—
Elementary and prekindergarten	1 239	196	1 043	7	106	930	—	—
Secondary	2 744	444	2 300	33	163	2 104	—	—
Engineering and science technicians	4 381	3 818	529	268	201	60	34	—
Draftsmen and surveyors	1 788	1 597	176	57	86	33	15	—
Electrical and electronic engineering technicians	743	548	190	156	24	10	5	—
Technicians, except health, and engineering and science	998	448	538	460	6	72	12	—
Airplane pilots	203	189	9	9	—	—	5	—
Writers, artists, and entertainers	2 644	2 112	211	90	56	65	314	7
Other professional, technical, and kindred workers	4 144	2 943	1 056	335	372	349	128	17
Managers and administrators, except farm	30 160	23 186	2 583	915	631	1 037	4 341	50
Buyers, purchasing agents, and sales managers	4 997	4 682	106	42	47	17	209	—
School administrators	717	99	618	—	87	531	—	—
Specified managers and administrators, public administration	1 299	—	1 299	719	322	258	—	—
Other specified managers and administrators	5 436	4 561	272	99	79	94	588	15
Managers and administrators, n.e.c., salaried	14 132	13 844	288	55	96	137	—	—
Manufacturing	3 563	3 548	15	15	—	—	—	—
Wholesale and retail trade	4 531	4 521	10	5	—	5	—	—
Transportation, communications and other public utilities	1 385	1 344	41	—	5	36	—	—
All other industries	4 653	4 431	222	35	91	96	—	—
Managers and administrators, n.e.c., self-employed	3 579	—	—	—	—	—	3 544	35
Construction	841	—	—	—	—	—	841	—
Manufacturing	279	—	—	—	—	—	265	14
Wholesale and retail trade	1 752	—	—	—	—	—	1 737	15
All other industries	707	—	—	—	—	—	701	6
Sales workers	21 441	18 702	55	26	4	25	2 658	26
Insurance agents, brokers, and underwriters	3 120	2 544	—	—	—	—	576	—
Real estate agents and brokers	932	500	—	—	—	—	432	—
Sales representatives, manufacturing industries	3 183	3 013	—	—	—	—	170	—
Sales representatives, wholesale trade	4 537	4 153	—	—	—	—	380	4
Sales clerks, retail trade	3 887	3 466	3	—	—	3	402	16
Salesmen, retail trade	2 643	2 260	4	—	—	4	379	—
Salesmen of services and construction	1 271	1 153	10	5	—	5	108	—
Other sales workers	1 868	1 613	38	21	4	13	211	6
Clerical and kindred workers	21 737	16 310	5 082	3 925	555	602	340	5
Bank tellers and cashiers	550	509	36	16	8	12	5	—
Bookkeepers and billing clerks	1 654	1 380	191	91	48	52	83	—
Mail handlers and postal clerks	3 056	430	2 626	2 594	21	11	—	—
Other clerical and kindred workers	16 477	13 991	2 229	1 224	478	527	252	5
Craftsmen and kindred workers	60 064	53 089	2 932	1 220	648	1 064	3 988	55
Apparel craftsmen and upholsterers	261	186	—	—	—	—	75	—
Bakers	375	344	5	—	—	—	26	—
Cabinetmakers	246	205	5	—	—	—	36	—
Construction craftsmen	13 561	10 906	784	217	195	372	1 857	14
Carpenters	3 688	2 887	181	70	51	60	606	14
Excavating, grading, and road machine operators	917	697	98	5	21	72	122	—
Electricians	2 333	2 062	193	64	66	63	78	—
Masons and tile setters	1 232	1 064	10	—	4	6	158	—
Painters, construction and maintenance, and paperhangers	1 727	1 121	87	17	11	59	519	—
Plasterers and cement finishers	591	474	39	10	6	23	78	—
Plumbers and pipe fitters	2 165	1 807	162	42	31	89	196	—
Other construction craftsmen	908	794	14	9	5	—	100	—
Foremen, n.e.c.	9 508	9 081	329	102	93	134	95	3
Manufacturing	5 728	5 693	22	14	—	8	10	3
Nonmanufacturing industries	3 780	3 388	307	88	93	126	85	—
Linemen and servicemen, telephone and power	2 308	2 281	27	13	—	14	—	—
Locomotive engineers and firemen	473	465	8	5	—	3	—	—
Mechanics and repairmen	14 519	12 435	960	488	177	295	1 108	16
Air conditioning, heating, and refrigeration	951	776	67	25	34	8	108	—
Aircraft	515	496	19	19	—	—	—	—
Automobile, including body	5 755	4 868	257	87	43	127	625	5
Radio and television	848	540	193	163	20	10	110	5
Other mechanics and repairmen	6 450	5 755	424	194	80	150	265	6
Metal craftsmen, except mechanics	9 683	9 195	306	243	24	39	173	9
Machinists and job and die setters	4 231	4 037	145	131	9	5	45	4
Sheetmetal workers and tinsmiths	897	776	70	50	15	5	51	—
Tool and die makers	2 359	2 285	29	29	—	—	45	—
Other metal craftsmen	2 196	2 097	62	33	—	29	32	5
Printing craftsmen	2 320	2 213	45	14	25	6	62	—
Composers and typesetters	939	883	18	4	8	6	38	—
Pressmen and plate printers, printing	1 015	983	22	5	17	—	10	—
Stationary engineers and power station operators	559	447	101	11	16	74	11	—
Other craftsmen and kindred workers	6 251	5 331	362	127	118	117	545	13

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
INDIANAPOLIS SMSA—Continued								
Total—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	44 187	42 084	1 398	724	301	373	671	34
Assemblers.....	4 083	3 945	124	89	10	25	14	—
Checkers, examiners, and inspectors; manufacturing.....	3 552	3 439	108	72	26	10	5	—
Garage workers and gas station attendants.....	2 563	2 386	31	10	5	16	136	10
Laundry and drycleaning operatives, n.e.c.....	286	226	15	5	10	—	45	—
Meat cutters and butchers.....	1 093	1 023	20	17	—	3	46	4
Mine operatives, n.e.c.....	76	—	—	—	—	—	—	—
Packers and wrappers, except produce.....	1 179	1 131	48	26	11	11	—	—
Painters, manufactured articles.....	587	564	9	4	5	—	14	—
Precision machine operatives.....	6 097	5 898	174	146	13	15	25	—
Sawyers.....	254	254	—	—	—	—	—	—
Stationary firemen.....	462	322	140	27	59	54	—	—
Textile operatives.....	49	49	—	—	—	—	—	—
Welders and flamecutters.....	3 038	2 915	65	38	12	15	58	—
Other metalworking operatives.....	3 453	3 340	75	38	9	28	26	12
Other specified operatives.....	5 451	5 019	255	98	87	70	174	3
Miscellaneous and not specified operatives.....	11 964	11 497	334	154	54	126	128	5
Occupation:								
Machine operatives, miscellaneous specified.....	4 999	4 827	134	64	21	49	38	—
Machine operatives, not specified.....	3 600	3 513	77	43	10	24	10	—
Miscellaneous operatives.....	2 210	2 058	80	26	10	44	67	5
Not specified operatives.....	1 155	1 099	43	21	13	9	13	—
Industry:								
Manufacturing.....	10 181	9 935	177	87	38	52	64	5
Durable goods.....	6 797	6 611	140	69	31	40	41	5
Wood products, including furniture.....	152	142	5	—	5	—	5	—
Primary metal industries.....	346	330	16	6	—	10	—	—
Fabricated metal industries.....	456	441	10	—	10	—	—	—
Machinery, including electrical.....	2 187	2 148	24	17	—	7	5	—
Motor vehicles and equipment.....	2 324	2 293	31	15	5	11	—	—
Transportation equipment, except motor vehicles.....	727	696	31	26	5	5	—	—
Other durable goods.....	605	561	23	5	11	7	16	5
Nondurable goods.....	3 315	3 255	37	18	7	12	23	—
Food and kindred products.....	680	668	12	—	7	5	—	—
Apparel and other fabricated textile products.....	23	23	—	—	—	—	—	—
Paper and allied products.....	541	536	5	5	—	—	—	—
Chemicals and allied products.....	938	912	13	13	—	—	13	—
Other nondurable goods.....	1 133	1 114	7	—	—	7	10	—
Not specified manufacturing industries.....	69	69	—	—	—	—	—	—
Nonmanufacturing industries.....	1 783	1 562	157	67	16	74	64	—
Transportation, communications, and other public utilities.....	400	369	26	—	5	26	5	—
Wholesale and retail trade.....	880	844	13	13	—	—	23	—
All other industries.....	503	349	118	54	16	48	36	—
Transport equipment operatives.....	16 451	14 732	915	157	130	628	775	29
Bus drivers.....	762	560	176	5	—	171	21	5
Taxicab drivers and chauffeurs.....	570	463	36	—	—	22	71	—
Truck drivers and deliverymen.....	11 843	10 621	562	109	104	349	647	13
Other transport equipment operatives.....	3 276	3 088	141	43	12	86	36	11
Laborers, except farm.....	15 111	13 536	1 227	487	166	574	305	43
Construction laborers.....	2 413	2 198	211	17	36	158	4	—
Freight, stock, and material handlers.....	7 362	6 713	579	383	28	168	61	9
Other specified laborers.....	3 011	2 567	257	60	58	139	161	26
Miscellaneous and not specified laborers.....	2 325	2 058	180	27	44	109	79	8
Occupation:								
Miscellaneous laborers.....	742	594	91	5	18	68	57	—
Not specified laborers.....	1 583	1 464	89	22	26	41	22	8
Industry:								
Manufacturing.....	1 124	1 092	15	5	5	5	17	—
Durable goods.....	843	816	10	5	—	5	17	—
Wood products, including furniture.....	18	18	—	—	—	—	—	—
Metal industries.....	197	188	5	—	—	5	4	—
Machinery, including electrical.....	135	131	—	—	—	—	4	—
Transportation equipment.....	392	383	5	5	—	—	4	—
Other durable goods.....	101	96	—	—	—	—	5	—
Nondurable goods.....	281	276	5	—	—	—	—	—
Food and kindred products.....	150	145	5	—	5	—	—	—
Not specified manufacturing industries.....	—	—	—	—	—	—	—	—
Nonmanufacturing industries.....	1 201	966	165	22	39	104	62	8
Railroads and railway express service.....	169	169	—	—	—	—	—	—
Transportation, except railroads.....	42	37	5	—	5	—	—	—
Communications, and utilities and sanitary services.....	198	103	95	5	13	77	—	—
Wholesale and retail trade.....	436	402	—	—	—	—	34	—
All other industries.....	356	255	65	17	21	27	28	8
Farmers and farm managers.....	4 088	111	17	12	—	5	3 948	12
Farm laborers and farm foremen.....	1 323	1 107	41	6	20	15	17	158
Paid farm laborers and farm foremen.....	1 165	1 107	41	6	20	15	17	—
Unpaid family workers.....	158	—	—	—	—	—	—	158
Service workers, except private household ¹	19 910	13 243	5 850	835	959	4 056	802	15
Cleaning service workers.....	7 396	5 459	1 856	283	432	1 141	81	—
Food service workers.....	3 984	3 704	148	47	43	58	117	15
Cooks, except private household.....	1 338	1 246	69	27	14	28	23	—
Busboys and dishwashers.....	953	917	36	5	21	10	—	—
Health service workers.....	636	370	266	86	62	118	—	—
Personal service workers.....	1 764	1 086	105	35	30	40	573	—
Protective service workers.....	4 717	1 528	3 184	246	359	2 579	5	—
Firemen, fire protection.....	932	35	897	6	—	891	—	—
Guards and watchmen.....	1 776	1 355	421	123	161	137	—	—
Policemen and detectives.....	1 622	86	1 531	105	198	1 228	5	—
Private household workers.....	133	123	—	—	—	—	10	—

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 INDIANAPOLIS SMSA—Continued	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
Total—Continued								
Female, 16 years old and over	171 156	132 596	31 470	7 766	7 178	16 526	5 680	1 410
Professional, technical, and kindred workers	24 235	11 191	11 905	815	2 161	8 929	1 031	108
Accountants	1 501	1 074	324	201	88	35	83	20
Computer specialists	268	221	47	22	21	4	—	—
Librarians	443	158	285	5	47	233	—	—
Mathematical specialists	71	62	9	9	—	—	—	—
Life and physical scientists	170	143	27	—	22	5	—	—
Registered nurses, dietitians, and therapists	4 692	3 028	1 490	193	474	823	150	24
Dietitians	258	148	104	16	52	36	6	—
Registered nurses	4 073	2 669	1 241	148	381	712	144	19
Health technologists and technicians	1 310	910	395	42	222	131	5	—
Social scientists	104	40	51	11	22	18	13	—
Social and recreation workers	763	211	548	62	101	385	4	—
Teachers: College and university	401	189	212	—	200	12	—	—
Elementary and prekindergarten	6 591	1 674	4 846	45	413	4 388	69	2
Secondary	2 771	390	2 381	5	106	2 270	—	—
Other teachers	672	239	433	4	47	80	302	—
Engineering and science technicians	567	470	97	28	53	16	—	—
Technicians, except health, and engineering and science	68	15	47	34	13	—	—	6
Writers, artists, and entertainers	1 120	877	67	27	29	11	171	5
Actors and dancers	44	39	—	—	—	—	5	—
Authors, editors, and reporters	342	299	8	8	—	—	30	5
Other professional, technical, and kindred workers	2 723	1 490	948	127	303	518	234	51
Managers and administrators, except farm	5 685	3 933	931	248	213	470	735	86
Buyers, purchasing agents, and sales managers	971	865	85	39	10	36	17	4
Restaurant, cafeteria, and bar managers	641	400	64	—	9	55	171	6
School administrators	218	100	118	—	30	88	—	—
Other specified managers and administrators	1 370	817	514	181	96	237	34	5
Managers and administrators, n.e.c., salaried	1 901	1 751	150	28	68	54	—	—
Wholesale and retail trade	637	634	3	—	—	3	—	—
Managers and administrators, n.e.c., self-employed	584	—	—	—	—	—	513	71
Wholesale and retail trade	377	—	—	—	—	—	356	21
Sales workers	13 078	12 096	130	42	12	76	661	191
Demonstrators, hucksters, and peddlers	991	820	11	5	—	6	155	5
Insurance, real estate agents, and brokers	1 180	1 009	—	—	—	—	159	12
Sales clerks, retail trade	8 358	8 022	49	16	7	26	201	86
Salesmen, retail trade	454	384	—	—	—	—	35	35
Other sales workers	2 095	1 861	70	21	5	44	111	53
Clerical and kindred workers	67 405	53 611	12 573	5 783	3 253	3 537	600	621
Bank tellers	1 167	1 146	21	16	—	5	—	—
Bookkeepers	7 716	6 204	1 041	442	249	350	231	240
Cashiers	4 946	4 640	260	61	60	139	23	23
Counter clerks, except food	1 188	1 146	26	20	—	6	5	11
Enumerators and interviewers	199	145	39	26	5	8	15	—
File clerks	2 806	1 915	891	531	215	145	—	—
Office machine operators	3 310	2 713	593	282	200	111	4	—
Bookkeeping and billing machine operators	363	319	44	21	5	18	—	—
Keypunch operators	1 940	1 540	396	194	135	67	4	—
Payroll and timekeeping clerks	1 094	622	467	392	32	43	—	5
Receptionists	1 821	1 519	238	39	70	129	21	43
Secretaries	15 845	13 181	2 417	579	998	840	92	155
Stenographers	636	393	234	71	75	88	9	—
Telephone operators	2 413	2 257	137	32	74	31	11	8
Typists	6 976	5 097	1 807	735	571	501	48	24
Other clerical and kindred workers	17 288	12 633	4 402	2 557	704	1 141	141	112
Craftsmen and kindred workers	3 504	3 051	235	88	37	110	173	45
Foremen, n.e.c.	718	636	73	27	20	26	—	9
Operatives, except transport	21 376	20 576	536	256	152	128	197	67
Assemblers	4 318	4 197	121	95	5	21	—	—
Bottling and canning operatives	96	96	—	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing	2 680	2 635	40	10	11	19	—	5
Dressmakers and seamstresses, except factory	400	276	5	—	5	—	109	10
Laundry and drycleaning operatives, including ironers	1 203	1 122	56	—	41	15	15	10
Graders and sorters, manufacturing	144	140	—	—	—	—	—	4
Packers and wrappers, except produce	1 751	1 737	10	—	5	5	—	4
Sewers and stitchers	963	927	31	11	11	9	—	5
Textile operatives	22	16	—	—	—	—	6	—
Other specified operatives	4 600	4 408	113	69	19	25	50	29
Miscellaneous and not specified operatives	5 199	5 022	160	71	55	34	13	4
Manufacturing	4 419	4 356	59	22	20	17	4	4
Durable goods	2 849	2 801	48	17	20	11	—	—
Machinery, including electrical	2 068	2 049	19	11	4	4	—	—
Other durable goods	781	752	29	6	16	7	—	—
Nondurable goods, including not specified manufacturing	1 570	1 555	11	5	—	6	4	—
Food and kindred products	83	83	—	—	—	—	—	—
Apparel and other fabricated textile products	54	54	—	—	—	—	—	—
Nonmanufacturing industries	780	666	101	49	35	17	9	4
Transport equipment operatives	644	413	198	5	22	171	20	13
Laborers, except farm	1 975	1 719	199	132	27	40	47	10
Farmers and farm managers	266	12	—	—	—	—	247	7
Farm laborers and farm foremen	300	175	10	5	5	—	5	110
Paid farm laborers and farm foremen	190	175	10	5	5	—	5	—
Unpaid family workers	110	—	—	—	—	—	—	110
Service workers, except private household¹	27 980	21 184	4 753	392	1 296	3 065	1 899	144
Cleaning service workers	3 159	2 591	498	74	143	281	56	14
Chambermaids and maids	783	694	79	15	18	46	10	—
Food service workers	11 632	9 502	1 908	127	305	1 476	158	64
Cooks, except private household	3 220	2 158	979	27	162	790	65	18
Waiters and food counter workers	6 158	5 719	323	32	73	218	76	40
Health service workers	6 167	4 644	1 426	150	583	693	71	26
Nursing aides, orderlies, and attendants	3 737	2 820	901	89	368	444	10	6
Practical nurses	1 108	716	331	37	138	156	61	—
Personal service workers	4 288	2 452	389	27	128	234	1 426	21
Hairdressers and cosmetologists	2 685	1 510	11	—	5	6	1 155	9
Private household workers	4 708	4 635	—	—	—	—	65	8
Private household workers, living in	241	241	—	—	—	—	—	—
Private household workers, living out	4 467	4 394	—	—	—	—	65	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**

INDIANAPOLIS 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	25 975	19 713	5 213	2 753	768	1 692	1 035	14
Professional, technical, and kindred workers	1 643	832	677	210	147	320	129	5
Accountants	66	44	22	17	5	—	—	—
Architects	11	11	—	—	—	—	—	—
Computer specialists	51	38	13	5	8	—	—	—
Engineers	98	52	29	25	4	—	17	—
Aeronautical and astronautical	12	12	—	—	—	—	—	—
Civil	6	—	—	—	—	—	6	—
Electrical and electronic	34	18	10	10	—	—	6	—
Mechanical	12	12	—	—	—	—	—	—
Other engineers	34	10	19	15	4	—	5	—
Lawyers and judges	24	6	7	4	—	3	6	5
Life and physical scientists	51	38	13	13	—	—	—	—
Chemists	51	38	13	13	—	—	—	—
Physicians, dentists, and related practitioners	101	22	6	—	—	6	73	—
Dentists	15	4	—	—	—	—	11	—
Pharmacists	23	13	6	—	—	6	4	—
Physicians, medical and osteopathic	41	5	—	—	—	—	36	—
Other related practitioners	22	—	—	—	—	—	22	—
Health technologists and technicians	88	48	40	18	11	11	—	—
Religious workers	117	74	22	13	—	9	21	—
Social scientists	5	—	5	5	—	—	—	—
Social and recreation workers	89	27	62	—	21	41	—	—
Teachers	333	53	280	—	44	236	—	—
College and university	21	5	16	—	16	—	—	—
Elementary and prekindergarten	125	22	103	—	5	98	—	—
Secondary	171	18	153	—	19	134	—	—
Engineering and science technicians	188	161	27	19	8	—	—	—
Draftsmen and surveyors	32	32	—	—	—	—	—	—
Electrical and electronic engineering technicians	26	13	13	13	—	—	—	—
Technicians, except health, and engineering and science	17	5	12	12	—	—	—	—
Airplane pilots	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	136	102	28	17	4	7	6	—
Other professional, technical, and kindred workers	268	151	111	62	42	7	6	—
Managers and administrators, except farm	773	342	188	62	22	104	243	—
Buyers, purchasing agents, and sales managers	75	69	—	—	—	—	6	—
School administrators	89	—	89	—	4	85	—	—
Specified managers and administrators, public administration	58	—	58	48	5	5	—	—
Other specified managers and administrators	175	80	29	10	10	9	66	—
Managers and administrators, n.e.c., salaried	205	193	12	4	3	5	—	—
Manufacturing	14	14	—	—	—	—	—	—
Wholesale and retail trade	70	70	—	—	—	—	—	—
Transportation, communications and other public utilities	8	8	—	—	—	—	—	—
All other industries	113	101	12	4	3	5	—	—
Managers and administrators, n.e.c., self-employed	171	—	—	—	—	—	171	—
Construction	72	—	—	—	—	—	72	—
Manufacturing	11	—	—	—	—	—	11	—
Wholesale and retail trade	51	—	—	—	—	—	51	—
All other industries	37	—	—	—	—	—	37	—
Sales workers	552	498	—	—	—	—	54	—
Insurance agents, brokers, and underwriters	104	99	—	—	—	—	5	—
Real estate agents and brokers	25	10	—	—	—	—	15	—
Sales representatives, manufacturing industries	19	12	—	—	—	—	7	—
Sales representatives, wholesale trade	81	70	—	—	—	—	11	—
Sales clerks, retail trade	173	162	—	—	—	—	11	—
Salesmen, retail trade	63	63	—	—	—	—	—	—
Salesmen of services and construction	35	35	—	—	—	—	—	—
Other sales workers	52	47	—	—	—	—	5	—
Clerical and kindred workers	2 519	1 145	1 364	1 222	69	73	10	—
Bank tellers and cashiers	59	54	5	—	—	5	—	—
Bookkeepers and billing clerks	79	42	27	23	—	4	10	—
Mail handlers and postal clerks	922	94	828	822	6	—	—	—
Other clerical and kindred workers	1 459	955	504	377	63	64	—	—
Craftsmen and kindred workers	3 834	3 238	328	179	63	86	268	—
Apparel craftsmen and upholsterers	18	8	—	—	—	—	10	—
Bakers	67	67	—	—	—	—	—	—
Cabinetmakers	6	6	—	—	—	—	—	—
Construction craftsmen	985	770	65	34	9	22	150	—
Carpenters	95	77	5	5	—	—	13	—
Excavating, grading, and road machine operators	98	79	9	—	5	4	10	—
Electricians	79	69	10	4	—	6	—	—
Masons and tile setters	137	110	4	—	4	—	23	—
Painters, construction and maintenance, and paperhangers	178	116	18	6	—	12	44	—
Plasterers and cement finishers	240	205	10	10	—	—	25	—
Plumbers and pipe fitters	112	87	—	—	—	—	25	—
Other construction craftsmen	46	27	9	9	—	—	10	—
Foremen, n.e.c.	372	324	45	18	12	15	3	—
Manufacturing	175	171	4	4	—	—	—	—
Nonmanufacturing industries	197	153	41	14	12	15	3	—
Linemen and servicemen, telephone and power	135	131	4	—	—	4	—	—
Locomotive engineers and firemen	5	5	—	—	—	—	—	—
Mechanics and repairmen	876	694	112	84	5	23	70	—
Air conditioning, heating, and refrigeration	48	48	—	—	—	—	—	—
Aircraft	18	14	4	4	—	—	—	—
Automobile, including body	375	285	52	32	—	20	38	—
Radio and television	144	82	36	31	5	—	26	—
Other mechanics and repairmen	291	265	20	17	—	3	6	—
Metal craftsmen, except mechanics	601	581	20	10	—	10	—	—
Machinists and job and die setters	214	209	5	5	—	—	—	—
Sheetmetal workers and tinsmiths	32	22	10	5	—	5	—	—
Tool and die makers	29	29	—	—	—	—	—	—
Other metal craftsmen	326	321	5	—	—	5	—	—
Printing craftsmen	73	60	8	—	—	8	5	—
Compositors and typesetters	37	32	—	—	—	—	5	—
Pressmen and plate printers, printing	36	28	8	—	—	8	—	—
Stationary engineers and power station operators	23	23	—	—	—	—	—	—
Other craftsmen and kindred workers	673	569	74	33	29	12	30	—

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

INDIANAPOLIS 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	6 144	5 778	323	193	37	93	37	6
Assemblers.....	784	729	51	37	4	10	4	—
Checkers, examiners, and inspectors; manufacturing.....	272	268	4	4	—	—	—	—
Garage workers and gas station attendants.....	223	213	10	5	—	5	—	—
Laundry and drycleaning operatives, n.e.c.....	108	103	5	5	—	—	—	—
Meat cutters and butchers.....	155	152	3	—	—	3	—	—
Mine operatives, n.e.c.....	9	9	—	—	—	—	—	—
Packers and wrappers, except produce.....	235	218	17	11	—	6	—	—
Painters, manufactured articles.....	65	65	—	—	—	—	—	—
Precision machine operatives.....	496	471	23	16	7	—	2	—
Sawyers.....	21	21	—	—	—	—	—	—
Stationary firemen.....	49	37	12	—	5	7	—	—
Textile operatives.....	—	—	7	—	—	—	—	—
Welders and flamecutters.....	327	320	7	7	—	—	—	—
Other metalworking operatives.....	614	603	5	—	5	—	—	6
Other specified operatives.....	1 047	932	97	64	10	23	18	—
Miscellaneous and not specified operatives.....	1 739	1 637	89	44	6	39	13	—
Occupation:								
Machine operatives, miscellaneous specified.....	705	679	26	5	6	15	—	—
Machine operatives, not specified.....	571	523	48	24	—	24	—	—
Miscellaneous operatives.....	279	261	11	11	—	—	7	—
Not specified operatives.....	184	174	4	4	—	—	6	—
Industry:								
Manufacturing.....	1 517	1 455	56	27	6	23	6	—
Durable goods.....	1 137	1 081	56	27	6	23	—	—
Wood products, including furniture.....	14	14	—	—	—	—	—	—
Primary metal industries.....	96	86	10	—	—	10	—	—
Fabricated metal industries.....	50	50	—	—	—	—	—	—
Machinery, including electrical.....	265	247	18	11	—	7	—	—
Motor vehicles and equipment.....	496	490	6	—	—	6	—	—
Transportation equipment, except motor vehicles.....	140	124	16	16	—	—	—	—
Other durable goods.....	76	70	6	—	6	—	—	—
Nondurable goods.....	369	363	—	—	—	—	6	—
Food and kindred products.....	121	121	—	—	—	—	—	—
Apparel and other fabricated textile products.....	—	—	—	—	—	—	—	—
Paper and allied products.....	36	36	—	—	—	—	—	—
Chemicals and allied products.....	133	127	—	—	—	—	6	—
Other nondurable goods.....	79	79	—	—	—	—	—	—
Not specified manufacturing industries.....	11	11	—	—	—	—	—	—
Nonmanufacturing industries.....	222	182	33	17	—	16	7	—
Transportation, communications, and other public utilities.....	54	44	10	—	—	10	—	—
Wholesale and retail trade.....	97	77	13	13	—	—	7	—
All other industries.....	71	61	10	4	—	6	—	—
Transport equipment operatives	2 044	1 643	310	90	28	192	91	—
Bus drivers.....	80	75	5	—	—	5	—	—
Taxicab drivers and chauffeurs.....	168	162	6	—	—	6	—	—
Truck drivers and deliverymen.....	1 240	922	238	74	21	143	80	—
Other transport equipment operatives.....	556	484	61	16	7	38	11	—
Laborers, except farm	3 283	2 667	569	315	41	213	44	3
Construction laborers.....	695	635	60	17	12	31	—	—
Freight, stock, and material handlers.....	1 006	667	339	240	—	99	—	—
Other specified laborers.....	898	792	88	47	6	35	18	—
Miscellaneous and not specified laborers.....	684	573	82	11	23	48	26	3
Occupation:								
Miscellaneous laborers.....	270	190	59	—	18	41	21	—
Not specified laborers.....	414	383	23	11	5	7	5	3
Industry:								
Manufacturing.....	396	386	10	5	5	—	—	—
Durable goods.....	337	332	5	5	—	—	—	—
Wood products, including furniture.....	5	5	—	—	—	—	—	—
Metal industries.....	83	83	—	—	—	—	—	—
Machinery, including electrical.....	19	19	—	—	—	—	—	—
Transportation equipment.....	192	187	5	5	—	—	—	—
Other durable goods.....	38	38	—	—	—	—	—	—
Nondurable goods.....	59	54	5	—	5	—	—	—
Food and kindred products.....	40	35	5	—	5	—	—	—
Not specified manufacturing industries.....	—	—	—	—	—	—	—	—
Nonmanufacturing industries.....	288	187	72	6	18	48	26	3
Railroads and railway express service.....	26	26	—	—	—	—	—	—
Transportation, except railroads.....	11	6	5	—	5	—	—	—
Communications, and utilities and sanitary services.....	73	19	54	—	13	41	—	—
Wholesale and retail trade.....	118	97	—	—	—	—	21	—
All other industries.....	60	39	13	6	—	7	5	3
Farmers and farm managers	54	—	—	—	—	—	54	—
Farm laborers and farm foremen	48	34	6	6	—	—	8	—
Paid farm laborers and farm foremen.....	48	34	6	6	—	—	8	—
Unpaid family workers.....	—	—	—	—	—	—	—	—
Service workers, except private household¹	5 025	3 486	1 448	476	361	611	91	—
Cleaning service workers.....	2 692	1 971	698	194	226	278	23	—
Food service workers.....	697	633	59	21	16	22	5	—
Cooks, except private household.....	259	236	23	11	—	12	—	—
Busboys and dishwashers.....	186	165	21	—	16	5	—	—
Health service workers.....	223	104	119	40	35	44	—	—
Personal service workers.....	292	185	48	25	8	15	59	—
Protective service workers.....	463	138	325	63	60	202	—	—
Firemen, fire protection.....	33	—	33	—	—	—	—	—
Guards and watchmen.....	247	138	109	52	37	20	—	—
Police and detectives.....	120	—	120	4	23	93	—	—
Private household workers	56	50	—	—	—	—	6	—

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

INDIANAPOLIS 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	23 672	16 517	6 638	2 765	1 427	2 446	478	39
Professional, technical, and kindred workers	2 352	704	1 617	181	239	1 197	21	10
Accountants	95	19	76	58	18	—	—	—
Computer specialists	8	5	3	3	—	—	—	—
Librarians	42	28	14	—	—	14	—	—
Mathematical specialists	4	—	4	4	—	—	—	—
Life and physical scientists	9	6	3	—	3	—	—	—
Registered nurses, dietitians, and therapists	479	266	201	41	58	102	12	—
Dietitians	97	74	23	5	6	12	—	—
Registered nurses	341	160	169	27	52	90	12	—
Health technologists and technicians	192	122	70	6	37	27	—	—
Social scientists	2	—	2	—	—	2	—	—
Social and recreation workers	121	11	110	21	4	85	—	—
Teachers: College and university	10	—	10	—	10	—	—	—
Elementary and prekindergarten	775	104	671	13	73	585	—	—
Secondary	260	30	230	—	11	219	—	—
Other teachers	19	—	19	—	—	19	—	—
Engineering and science technicians	21	15	6	—	6	—	—	—
Technicians, except health, and engineering and science	3	—	3	—	3	—	—	—
Writers, artists, and entertainers	30	21	—	—	—	—	9	—
Actors and dancers	5	5	—	—	—	—	—	—
Authors, editors, and reporters	—	—	—	—	—	—	—	—
Other professional, technical, and kindred workers	282	77	195	35	16	144	—	10
Managers and administrators, except farm	433	229	166	66	8	92	38	—
Buyers, purchasing agents, and sales managers	52	52	—	—	—	—	—	—
Restaurant, cafeteria, and bar managers	79	65	5	—	—	5	9	—
School administrators	36	11	25	—	—	25	—	—
Other specified managers and administrators	177	59	118	62	8	48	—	—
Managers and administrators, n.e.c., salaried	60	42	18	4	—	14	—	—
Wholesale and retail trade	6	6	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	29	—	—	—	—	—	29	—
Wholesale and retail trade	18	—	—	—	—	—	18	—
Sales workers	629	606	23	4	7	12	—	—
Demonstrators, hucksters, and peddlers	40	40	—	—	—	—	—	—
Insurance, real estate agents, and brokers	36	36	—	—	—	—	—	—
Sales clerks, retail trade	433	414	19	—	7	12	—	—
Salesmen, retail trade	25	25	—	—	—	—	—	—
Other sales workers	95	91	4	4	—	—	—	—
Clerical and kindred workers	6 343	3 280	3 028	2 142	491	395	10	25
Bank tellers	25	25	—	—	—	—	—	—
Bookkeepers	327	117	205	189	12	4	—	5
Cashiers	386	348	38	—	13	25	—	—
Counter clerks, except food	88	83	5	5	—	—	—	—
Enumerators and interviewers	13	—	13	13	—	—	—	—
File clerks	561	239	322	252	61	9	—	—
Office machine operators	485	298	187	113	58	16	—	—
Bookkeeping and billing machine operators	47	37	10	—	—	—	—	—
Keypunch operators	328	189	139	80	43	16	—	—
Payroll and timekeeping clerks	220	20	200	194	—	6	—	—
Receptionists	132	103	29	5	8	16	—	—
Secretaries	568	359	203	58	72	73	—	6
Stenographers	46	21	21	—	10	11	4	—
Telephone operators	312	304	8	—	8	—	—	—
Typists	630	295	330	148	124	58	—	5
Other clerical and kindred workers	2 550	1 068	1 467	1 165	125	177	6	9
Craftsmen and kindred workers	400	347	24	17	7	—	25	4
Foremen, n.e.c.	29	23	6	6	—	—	—	—
Operatives, except transport	3 522	3 333	148	46	45	57	41	—
Assemblers	637	624	13	6	—	7	—	—
Bottling and canning operatives	14	14	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	466	449	17	5	—	12	—	—
Dressmakers and seamstresses, except factory	55	34	—	—	—	—	21	—
Laundry and drycleaning operatives, including ironers	493	465	23	—	23	—	5	—
Graders and sorters, manufacturing	19	19	—	—	—	—	—	—
Packers and wrappers, except produce	225	220	5	—	5	—	—	—
Sewers and stitchers	132	123	9	5	—	4	—	—
Textile operatives	5	5	—	—	—	—	—	—
Other specified operatives	763	715	33	5	6	22	15	—
Miscellaneous and not specified operatives	713	665	48	25	11	12	—	—
Manufacturing	580	571	9	5	4	—	—	—
Durable goods	451	442	9	5	4	—	—	—
Machinery, including electrical	384	379	5	5	—	—	—	—
Other durable goods	67	63	4	—	4	—	—	—
Nondurable goods, including not specified manufacturing	129	129	—	—	—	—	—	—
Food and kindred products	5	5	—	—	—	—	—	—
Apparel and other fabricated textile products	5	5	—	—	—	—	—	—
Nonmanufacturing industries	133	94	39	20	7	12	—	—
Transport equipment operatives	61	51	4	—	—	4	6	—
Laborers, except farm	378	295	83	63	4	16	—	—
Farmers and farm managers	95	6	—	—	—	—	89	—
Farm laborers and farm foremen	44	39	5	5	—	—	—	—
Paid farm laborers and farm foremen	44	39	5	5	—	—	—	—
Unpaid family workers	—	—	—	—	—	—	—	—
Service workers, except private household¹	6 827	5 042	1 540	241	626	673	245	—
Cleaning service workers	1 525	1 241	259	52	98	109	25	—
Chambermaids and maids	395	347	48	11	18	19	—	—
Food service workers	1 774	1 445	325	83	75	167	4	—
Cooks, except private household	695	538	153	21	38	94	4	—
Waiters and food counter workers	531	462	69	22	22	25	—	—
Health service workers	2 119	1 392	716	86	357	273	11	—
Nursing aides, orderlies, and attendants	1 470	960	510	58	241	211	—	—
Practical nurses	384	238	135	16	83	36	11	—
Personal service workers	456	240	68	11	35	22	148	—
Hairdressers and cosmetologists	173	73	—	—	—	—	100	—
Private household workers	2 588	2 585	—	—	—	—	3	—
Private household workers, living in	35	35	—	—	—	—	—	—
Private household workers, living out	2 553	2 550	—	—	—	—	3	—

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**

LOUISVILLE, KY.—IND., 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		
Total	199 711	165 889	20 868	10 034	2 154	8 680	12 721	233
Professional, technical, and kindred workers	23 436	15 425	5 176	1 660	877	2 639	2 826	9
Accountants	2 275	1 761	267	220	17	30	247	—
Architects	130	74	20	20	—	—	36	—
Computer specialists	562	497	65	26	24	15	—	—
Engineers	3 662	3 088	464	373	43	48	110	—
Aeronautical and astronautical	5	—	5	5	—	—	—	—
Civil	453	240	196	123	38	35	17	—
Electrical and electronic	566	533	29	29	—	—	4	—
Mechanical	565	465	93	93	—	—	7	—
Other engineers	2 073	1 850	141	123	5	13	82	—
Lawyers and judges	977	242	102	63	4	35	633	—
Life and physical scientists	668	587	75	61	—	14	6	—
Chemists	521	505	16	16	—	—	—	—
Physicians, dentists, and related practitioners	2 172	645	246	62	54	130	1 281	—
Dentists	283	20	17	5	6	6	246	—
Pharmacists	476	350	34	16	6	12	92	—
Physicians, medical and osteopathic	1 262	257	189	41	42	106	816	—
Other related practitioners	151	18	6	—	—	6	127	—
Health technologists and technicians	320	181	129	21	9	99	10	—
Religious workers	1 149	960	9	—	9	—	180	—
Social scientists	272	206	60	19	—	41	6	—
Social and recreation workers	329	103	226	50	92	84	—	—
Teachers	3 409	1 207	2 168	67	371	1 730	34	—
College and university	789	462	327	17	41	148	—	—
Elementary and prekindergarten	546	136	410	—	—	369	—	—
Secondary	1 833	461	1 372	24	140	1 208	—	—
Engineering and science technicians	2 625	2 138	451	358	26	67	31	5
Draftsmen and surveyors	1 217	949	237	186	10	41	31	—
Electrical and electronic engineering technicians	369	301	68	52	5	11	—	—
Technicians, except health, and engineering and science	385	191	194	85	17	92	—	—
Airplane pilots	100	89	11	—	—	—	—	—
Writers, artists, and entertainers	1 862	1 557	102	39	6	45	203	—
Other professional, technical, and kindred workers	2 639	1 988	598	196	193	209	49	4
Managers and administrators, except farm	19 589	15 231	1 755	765	267	723	2 579	24
Buyers, purchasing agents, and sales managers	2 848	2 699	40	14	5	21	109	—
School administrators	469	103	853	4	59	288	15	—
Specified managers and administrators, public administration	3 853	—	853	554	81	218	—	—
Other specified managers and administrators	3 508	2 869	166	74	39	53	465	8
Managers and administrators, n.e.c., salaried	9 705	9 560	345	119	83	143	—	—
Manufacturing	2 885	2 851	34	34	—	—	—	—
Wholesale and retail trade	3 076	3 057	19	14	5	—	—	—
Transportation, communications and other public utilities	910	876	34	—	—	34	—	—
All other industries	3 034	2 776	258	71	78	109	—	—
Managers and administrators, n.e.c., self-employed	2 006	—	—	—	—	—	1 990	16
Construction	432	—	—	—	—	—	426	6
Manufacturing	102	—	—	—	—	—	102	—
Wholesale and retail trade	1 017	—	—	—	—	—	1 007	10
All other industries	455	—	—	—	—	—	455	—
Sales workers	15 248	13 368	153	80	15	58	1 704	23
Insurance agents, brokers, and underwriters	1 884	1 600	14	5	—	9	270	—
Real estate agents and brokers	666	407	21	21	—	—	238	—
Sales representatives, manufacturing industries	1 977	1 858	4	—	—	4	115	—
Sales representatives, wholesale trade	3 289	2 943	10	4	—	6	336	—
Sales clerks, retail trade	3 075	2 703	—	—	—	—	358	14
Salesmen, retail trade	1 851	1 678	4	4	—	—	160	9
Salesmen of services and construction	744	634	55	32	6	17	55	—
Other sales workers	1 762	1 545	45	14	9	22	172	—
Clerical and kindred workers	16 393	12 842	3 328	2 738	112	478	206	17
Bank tellers and cashiers	609	556	53	27	—	26	—	—
Bookkeepers and billing clerks	1 404	1 226	127	64	18	45	51	—
Mail handlers and postal clerks	1 863	1 195	1 668	1 658	—	10	—	—
Other clerical and kindred workers	12 517	10 865	1 480	989	94	397	155	17
Craftsmen and kindred workers	44 007	38 061	3 009	1 935	276	798	2 901	36
Apparel craftsmen and upholsterers	292	202	8	8	—	—	77	5
Bakers	293	269	5	5	—	—	19	—
Cabinetmakers	310	285	8	—	—	8	—	—
Construction craftsmen	10 787	8 825	502	217	53	232	1 449	11
Carpenters	2 489	1 840	95	44	17	34	554	—
Excavating, grading, and road machine operators	588	476	90	23	5	62	22	—
Electricians	2 213	2 030	105	53	13	39	73	5
Masons and tile setters	746	632	—	—	—	—	114	—
Painters, construction and maintenance, and paperhangers	1 638	1 203	82	35	10	37	347	6
Plasterers and cement finishers	421	276	15	—	—	15	130	—
Plumbers and pipe fitters	2 084	1 861	100	47	8	45	123	—
Other construction craftsmen	608	507	15	15	—	—	86	—
Foremen, n.e.c.	7 521	6 945	488	276	55	157	83	5
Manufacturing	4 989	4 811	163	158	5	—	15	—
Nonmanufacturing industries	2 532	2 134	325	118	50	157	68	5
Linemen and servicemen, telephone and power	1 184	1 154	17	7	5	5	13	—
Locomotive engineers and firemen	392	387	5	—	—	—	—	—
Mechanics and repairmen	10 740	9 221	928	654	80	194	585	6
Air conditioning, heating, and refrigeration	599	515	30	26	—	4	54	—
Aircraft	157	77	75	34	41	—	5	—
Automobile, including body	3 549	3 120	133	51	24	58	290	6
Radio and television	614	376	133	121	5	7	105	—
Other mechanics and repairmen	5 821	5 133	557	422	10	125	131	—
Metal craftsmen, except mechanics	4 234	3 720	460	431	4	25	54	—
Machinists and job and die setters	1 875	1 503	353	348	—	5	19	—
Sheetmetal workers and tinsmiths	708	673	29	24	—	5	6	—
Tool and die makers	611	572	27	27	—	—	12	—
Other metal craftsmen	1 040	972	51	32	4	15	17	—
Printing craftsmen	2 102	2 041	41	26	5	10	20	—
Compositors and typesetters	523	486	27	16	5	6	10	—
Pressmen and plate printers, printing	1 145	1 121	14	10	—	4	10	—
Stationary engineers and power station operators	516	440	66	30	—	36	10	—
Other craftsmen and kindred workers	5 636	4 572	481	281	69	131	574	9

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

LOUISVILLE, 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	36 918	34 569	1 906	1 423	124	359	414	29
Assemblers.....	6 296	5 884	402	330	21	51	10	—
Checkers, examiners, and inspectors; manufacturing	2 205	2 012	189	171	—	14	4	—
Garage workers and gas station attendants.....	1 468	1 352	35	18	—	17	71	10
Laundry and drycleaning operatives, n.e.c.	231	194	21	8	—	13	16	—
Meat cutters and butchers.....	957	863	15	9	—	6	79	—
Mine operatives, n.e.c.....	61	61	—	—	—	—	—	—
Packers and wrappers, except produce.....	1 498	1 435	58	40	—	18	5	—
Painters, manufactured articles.....	755	735	15	15	—	—	5	—
Precision machine operatives.....	1 308	1 215	86	77	—	9	7	—
Sawyers.....	407	399	8	4	—	4	—	—
Stationary firemen.....	686	600	81	14	15	52	5	—
Textile operatives.....	44	44	—	—	—	—	—	—
Welders and flamecutters.....	2 784	2 618	140	126	8	6	26	—
Other metalworking operatives.....	1 810	1 742	68	54	5	9	—	—
Other specified operatives.....	5 070	4 663	260	190	37	33	128	19
Miscellaneous and not specified operatives.....	11 338	10 752	528	367	28	133	58	—
Occupation:								
Machine operatives, miscellaneous specified.....	4 591	4 402	173	124	10	39	16	—
Machine operatives, not specified.....	2 987	2 859	124	91	6	27	4	—
Miscellaneous operatives.....	2 420	2 239	150	97	3	50	31	—
Not specified operatives.....	1 340	1 252	81	55	9	17	7	—
Industry:								
Manufacturing.....	10 303	9 886	378	288	28	62	39	—
Durable goods.....	5 410	5 064	324	273	12	39	22	—
Wood products, including furniture.....	630	630	—	—	—	—	—	—
Primary metal industries.....	507	507	—	—	—	—	—	—
Fabricated metal industries.....	631	620	6	—	—	6	5	—
Machinery, including electrical.....	2 220	2 193	23	13	—	10	4	—
Motor vehicles and equipment.....	268	259	4	—	—	4	5	—
Transportation equipment, except motor vehicles.....	36	36	—	—	—	—	—	—
Other durable goods.....	1 118	819	291	260	12	19	8	—
Nondurable goods.....	4 806	4 735	54	15	16	23	17	—
Food and kindred products.....	1 066	1 045	10	—	10	—	11	—
Apparel and other fabricated textile products.....	9	9	—	—	—	—	—	—
Paper and allied products.....	445	439	6	—	—	6	—	—
Chemicals and allied products.....	1 592	1 579	13	7	—	6	—	—
Other nondurable goods.....	1 694	1 663	25	8	—	17	6	—
Not specified manufacturing industries.....	87	87	—	—	—	—	—	—
Nonmanufacturing industries.....	1 035	866	150	79	—	71	19	—
Transportation, communications, and other public utilities.....	310	261	49	6	—	43	7	—
Wholesale and retail trade.....	392	385	—	—	—	—	—	—
All other industries.....	333	220	101	73	—	28	12	—
Transport equipment operatives.....	14 278	13 182	670	238	54	378	413	13
Bus drivers.....	574	475	74	26	—	48	25	—
Taxicab drivers and chauffeurs.....	460	421	23	9	5	9	16	—
Truck drivers and deliverymen.....	9 289	8 552	430	140	34	256	299	8
Other transport equipment operatives.....	3 955	3 734	143	63	15	65	73	5
Laborers, except farm.....	13 682	12 244	1 190	563	87	540	243	5
Construction laborers.....	1 964	1 831	124	13	11	100	9	—
Freight, stock, and material handlers.....	6 467	5 857	569	382	18	169	41	—
Other specified laborers.....	2 512	2 117	231	70	31	130	159	5
Miscellaneous and not specified laborers.....	2 739	2 439	266	98	27	141	34	—
Occupation:								
Miscellaneous laborers.....	706	539	143	46	14	83	24	—
Not specified laborers.....	2 033	1 900	123	52	13	58	10	—
Industry:								
Manufacturing.....	1 737	1 635	97	72	11	14	5	—
Durable goods.....	1 123	1 030	93	68	11	14	—	—
Wood products, including furniture.....	153	148	5	—	5	—	—	—
Metal industries.....	207	207	—	—	—	—	—	—
Machinery, including electrical.....	332	323	9	—	—	9	—	—
Transportation equipment.....	97	97	—	—	—	—	—	—
Other durable goods.....	334	255	79	68	6	5	—	—
Nondurable goods.....	608	599	4	4	—	—	5	—
Food and kindred products.....	227	227	—	—	—	—	—	—
Not specified manufacturing industries.....	6	6	—	—	—	—	—	—
Nonmanufacturing industries.....	1 002	804	169	26	16	127	29	—
Railroads and railway express service.....	174	169	5	—	—	5	—	—
Transportation, except railroads.....	63	63	—	—	—	—	—	—
Communications, and utilities and sanitary services.....	148	45	99	6	16	77	4	—
Wholesale and retail trade.....	340	320	5	—	—	5	15	—
All other industries.....	277	207	60	20	—	40	10	—
Farmers and farm managers.....	884	67	4	4	—	—	813	—
Farm laborers and farm foremen.....	652	548	11	—	8	3	20	73
Paid farm laborers and farm foremen.....	579	548	11	—	8	3	20	—
Unpaid family workers.....	73	—	—	—	—	—	—	73
Service workers, except private household ¹	14 411	10 143	3 666	628	334	2 704	598	4
Cleaning service workers.....	5 221	4 067	1 107	279	145	683	47	—
Food service workers.....	2 948	2 672	140	43	23	74	136	—
Cooks, except private household.....	1 023	954	49	31	4	14	20	—
Busboys and dishwashers.....	622	600	—	—	4	18	—	—
Health service workers.....	430	323	107	47	15	45	—	—
Personal service workers.....	1 433	923	114	21	48	45	396	—
Protective service workers.....	3 519	1 408	2 093	212	83	1 798	14	4
Firemen, fire protection.....	661	41	620	10	—	610	—	—
Guards and watchmen.....	1 587	1 274	299	102	47	150	10	4
Policemen and detectives.....	1 095	77	1 014	67	31	916	4	—
Private household workers.....	213	209	—	—	—	—	4	—

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

LOUISVILLE, KY.—IND., SMSA—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	121 469	95 741	21 512	5 933	3 358	12 221	3 530	686
Professional, technical, and kindred workers	17 939	8 904	8 455	700	1 420	6 335	544	36
Accountants	646	470	133	74	25	34	38	5
Computer specialists	144	128	16	11	5	—	—	—
Librarians	284	75	209	5	19	185	—	—
Mathematical specialists	43	36	7	—	—	—	—	—
Life and physical scientists	24	24	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	3 293	2 457	721	190	121	410	109	6
Dietitians	160	114	46	5	17	24	—	—
Registered nurses	3 003	2 258	633	180	76	377	106	6
Health technologists and technicians	1 017	837	176	27	17	132	4	—
Social scientists	25	8	17	3	4	10	—	—
Social and recreation workers	736	207	529	54	290	185	—	—
Teachers: College and university	326	195	131	5	69	57	—	—
Elementary and prekindergarten	5 675	1 789	3 844	55	430	3 359	38	4
Secondary	2 212	505	1 707	11	146	1 550	—	—
Other teachers	424	174	90	10	27	53	160	—
Engineering and science technicians	488	292	196	158	6	32	—	—
Technicians, except health, and engineering and science	25	10	15	4	7	4	—	—
Writers, artists, and entertainers	744	591	57	12	30	15	79	17
Actors and dancers	22	22	—	—	—	—	—	—
Authors, editors, and reporters	162	130	28	12	10	6	4	—
Other professional, technical, and kindred workers	1 833	1 106	607	74	229	304	116	4
Managers and administrators, except farm	3 664	2 552	581	127	131	323	494	37
Buyers, purchasing agents, and sales managers	458	392	31	16	5	10	35	—
Restaurant, cafeteria, and bar managers	510	284	122	10	22	90	99	5
School administrators	254	137	117	—	21	96	—	—
Other specified managers and administrators	758	509	227	87	53	87	22	—
Managers and administrators, n.e.c., salaried	1 314	1 230	84	14	30	40	—	—
Wholesale and retail trade	499	489	10	5	—	5	—	—
Managers and administrators, n.e.c., self-employed	370	—	—	—	—	—	338	32
Wholesale and retail trade	169	—	—	—	—	—	150	19
Sales workers	9 166	8 564	56	26	5	25	433	113
Demonstrators, hucksters, and peddlers	520	452	5	—	—	5	63	—
Insurance, real estate agents, and brokers	604	484	6	—	—	6	114	—
Sales clerks, retail trade	6 441	6 144	10	5	—	5	194	93
Salesmen, retail trade	223	188	—	—	—	—	19	16
Other sales workers	1 378	1 296	35	21	5	9	43	4
Clerical and kindred workers	43 728	35 882	7 107	3 357	940	2 810	388	351
Bank tellers	713	691	22	17	5	—	—	—
Bookkeepers	5 892	5 123	478	132	63	283	158	133
Cashiers	3 004	2 770	192	38	27	127	33	9
Counter clerks, except food	724	699	5	—	—	5	20	—
Enumerators and interviewers	146	58	88	64	9	15	—	—
File clerks	1 284	948	322	158	24	140	14	—
Office machine operators	2 215	1 832	383	272	41	70	—	—
Bookkeeping and billing machine operators	275	250	25	4	4	17	—	—
Keypunch operators	1 287	1 025	262	215	16	31	—	—
Payroll and timekeeping clerks	711	636	75	51	4	20	—	—
Receptionists	1 054	939	108	12	22	74	3	4
Secretaries	10 435	8 974	1 251	398	263	590	80	130
Stenographers	444	331	104	35	19	50	9	—
Telephone operators	1 658	1 532	126	52	15	59	—	—
Typists	4 327	3 153	1 149	457	194	498	18	7
Other clerical and kindred workers	11 121	8 196	2 804	1 671	254	879	53	68
Craftsmen and kindred workers	2 291	1 949	248	95	64	89	94	—
Foremen, n.e.c.	499	421	73	40	18	15	5	—
Operatives, except transport	18 274	16 498	1 541	1 238	129	174	208	27
Assemblers	2 413	2 212	201	170	23	8	—	—
Bottling and canning operatives	393	393	—	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing	2 517	2 176	334	302	10	22	—	7
Dressmakers and seamstresses, except factory	562	409	11	—	5	6	142	—
Laundry and drycleaning operatives, including ironers	1 413	1 328	74	28	11	35	11	—
Graders and sorters, manufacturing	82	75	7	—	—	—	—	—
Packers and wrappers, except produce	1 904	1 813	86	51	18	17	—	5
Sewers and sitchers	2 613	2 171	437	375	42	20	5	—
Textile operatives	42	42	—	—	—	—	—	—
Other specified operatives	2 499	2 304	146	117	7	22	39	10
Miscellaneous and not specified operatives	3 836	3 575	245	188	13	44	11	5
Manufacturing	3 456	3 232	218	184	7	27	6	—
Durable goods	1 271	1 078	193	172	—	21	—	—
Machinery, including electrical	295	295	—	—	—	—	—	—
Other durable goods	976	783	193	172	—	21	—	—
Nondurable goods, including not specified manufacturing	2 185	2 154	25	12	7	6	6	—
Food and kindred products	371	365	—	—	—	—	6	—
Apparel and other fabricated textile products	186	186	—	—	—	—	—	—
Nonmanufacturing industries	380	343	27	4	6	17	5	5
Transport equipment operatives	621	316	305	21	6	278	—	—
Laborers, except farm	1 601	1 451	124	75	10	39	26	—
Farmers and farm managers	82	—	—	—	—	—	82	—
Farm laborers and farm foremen	126	33	11	11	—	—	29	53
Paid farm laborers and farm foremen	73	33	11	11	—	—	29	—
Unpaid family workers	53	—	—	—	—	—	—	53
Service workers, except private household¹	19 670	15 306	3 079	283	653	2 143	1 214	69
Cleaning service workers	2 919	2 239	640	73	94	473	25	15
Chambermaids and maids	772	714	58	5	5	48	—	—
Food service workers	7 845	6 681	1 004	70	161	773	125	35
Cooks, except private household	2 224	1 605	560	26	107	427	59	—
Waiters and food counter workers	4 202	3 995	145	9	16	120	40	22
Health service workers	4 125	3 289	740	63	287	390	870	11
Nursing aides, orderlies, and attendants	2 470	1 945	509	42	220	247	16	—
Practical nurses	820	601	150	9	29	112	69	—
Personal service workers	2 961	1 794	249	43	62	144	910	8
Hairdressers and cosmetologists	1 868	1 127	4	—	4	—	729	8
Private household workers	4 307	4 286	5	—	—	5	16	—
Private household workers, living in	302	302	—	—	—	—	—	—
Private household workers, living out	4 005	3 984	5	—	—	5	16	—

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

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

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

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

LOUISVILLE, KY.—IND., 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	18 640	14 845	3 219	1 567	249	1 403	559	17
Professional, technical, and kindred workers	860	403	388	94	56	238	69	—
Accountants	22	22	—	—	—	—	—	—
Architects	—	—	—	—	—	—	—	—
Computer specialists	30	30	—	—	—	—	—	—
Engineers	50	36	14	14	—	—	—	—
Aeronautical and astronautical	—	—	—	—	—	—	—	—
Civil	5	—	5	5	—	—	—	—
Electrical and electronic	12	12	—	—	—	—	—	—
Mechanical	5	—	5	5	—	—	—	—
Other engineers	28	24	4	4	—	—	—	—
Lawyers and judges	4	4	—	—	—	—	—	—
Life and physical scientists	31	15	16	16	—	—	—	—
Chemists	15	15	—	—	—	—	—	—
Physicians, dentists, and related practitioners	23	8	5	—	—	5	10	—
Dentists	5	—	—	—	—	—	5	—
Pharmacists	—	—	—	—	—	—	—	—
Physicians, medical and osteopathic	14	4	5	—	—	5	5	—
Other related practitioners	4	4	—	—	—	—	—	—
Health technologists and technicians	27	14	10	5	—	5	3	—
Religious workers	125	90	—	—	—	—	35	—
Social scientists	5	5	—	—	—	—	—	—
Social and recreation workers	59	22	37	16	15	6	—	—
Teachers	186	18	168	—	36	132	—	—
College and university	16	5	11	—	11	—	—	—
Elementary and prekindergarten	47	—	47	—	11	36	—	—
Secondary	123	13	110	—	14	96	—	—
Engineering and science technicians	75	37	38	25	—	13	—	—
Draftsmen and surveyors	36	4	32	25	—	7	—	—
Electrical and electronic engineering technicians	—	—	—	—	—	—	—	—
Technicians, except health, and engineering and science	16	—	16	—	—	16	—	—
Airplane pilots	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	63	34	25	7	5	13	4	—
Other professional, technical, and kindred workers	144	68	59	11	—	48	17	—
Managers and administrators, except farm	381	215	86	21	15	50	80	—
Buyers, purchasing agents, and sales managers	14	14	—	—	—	—	—	—
School administrators	22	18	—	—	—	4	—	—
Specified managers and administrators, public administration	38	—	38	17	—	21	—	—
Other specified managers and administrators	90	42	9	—	5	4	39	—
Managers and administrators, n.e.c., salaried	176	141	35	4	10	21	—	—
Manufacturing	36	32	4	4	—	—	—	—
Wholesale and retail trade	42	—	—	—	—	—	—	—
Transportation, communications and other public utilities	13	13	—	—	—	—	—	—
All other industries	85	54	31	—	10	21	—	—
Managers and administrators, n.e.c., self-employed	41	—	—	—	—	—	41	—
Construction	21	—	—	—	—	—	21	—
Manufacturing	—	—	—	—	—	—	—	—
Wholesale and retail trade	16	—	—	—	—	—	16	—
All other industries	4	—	—	—	—	—	4	—
Sales workers	350	325	16	5	6	5	9	—
Insurance agents, brokers, and underwriters	59	54	5	—	—	5	—	—
Real estate agents and brokers	7	7	—	—	—	—	—	—
Sales representatives, manufacturing industries	20	20	—	—	—	—	—	—
Sales representatives, wholesale trade	30	30	—	—	—	—	—	—
Sales clerks, retail trade	124	119	—	—	—	—	5	—
Salesmen, retail trade	51	47	—	—	—	—	4	—
Salesmen at services and construction	12	6	6	—	6	—	—	—
Other sales workers	47	42	5	5	—	—	—	—
Clerical and kindred workers	1 221	687	521	453	3	65	7	6
Bank tellers and cashiers	32	18	14	8	—	6	—	—
Bookkeepers and billing clerks	42	34	8	8	—	—	—	—
Mail handlers and postal clerks	364	41	323	323	—	—	—	—
Other clerical and kindred workers	783	594	176	114	3	59	7	6
Craftsmen and kindred workers	2 369	1 919	275	165	—	110	169	6
Apparel craftsmen and upholsterers	61	57	4	4	—	—	—	—
Bakers	38	38	—	—	—	—	—	—
Cabinetmakers	—	—	—	—	—	—	—	—
Construction craftsmen	662	499	43	14	—	29	120	—
Carpenters	46	26	5	5	—	—	15	—
Excavating, grading, and road machine operators	69	37	24	5	—	19	8	—
Electricians	11	11	—	—	—	—	—	—
Masons and tile setters	128	111	—	—	—	—	17	—
Painters, construction and maintenance, and paperhangers	135	104	—	—	—	—	31	—
Plasterers and cement finishers	173	120	10	—	—	10	43	—
Plumbers and pipe fitters	71	67	4	4	—	—	—	—
Other construction craftsmen	29	23	—	—	—	—	6	—
Foremen, n.e.c.	279	200	76	37	—	39	3	—
Manufacturing	160	141	19	19	—	—	—	—
Nonmanufacturing industries	119	59	57	18	—	39	3	—
Linemen and servicemen, telephone and power	52	52	—	—	—	—	—	—
Locomotive engineers and firemen	23	23	—	—	—	—	—	—
Mechanics and repairmen	444	389	37	27	—	10	12	6
Air conditioning, heating, and refrigeration	15	8	7	7	—	—	—	—
Aircraft	6	6	—	—	—	—	—	—
Automobile, including body	141	119	4	4	—	—	12	6
Radio and television	24	24	—	—	—	—	—	—
Other mechanics and repairmen	258	232	26	16	—	10	—	—
Metal craftsmen, except mechanics	149	145	4	—	—	4	—	—
Machinists and job and die setters	58	58	—	—	—	—	—	—
Sheetmetal workers and fitters	—	—	—	—	—	—	—	—
Tool and die makers	4	4	—	—	—	—	—	—
Other metal craftsmen	87	83	4	—	—	4	—	—
Printing craftsmen	89	70	14	14	—	—	5	—
Compositors and typesetters	40	31	4	4	—	—	5	—
Pressmen and plate printers, printing	45	35	10	10	—	—	—	—
Stationary engineers and power station operators	33	26	7	—	—	7	—	—
Other craftsmen and kindred workers	539	420	90	69	—	21	29	—

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**

LOUISVILLE, 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	4 541	4 164	358	235	29	94	19	—
Assemblers.....	965	895	66	45	15	6	4	—
Checkers, examiners, and inspectors; manufacturing.....	149	139	10	6	4	—	—	—
Garage workers and gas station attendants.....	124	114	10	6	—	4	—	—
Laundry and drycleaning operatives, n.e.c.....	78	62	16	8	—	8	—	—
Meat cutters and butchers.....	78	69	4	4	—	—	5	—
Mine operatives, n.e.c.....	18	18	—	—	—	—	—	—
Packers and wrappers, except produce.....	251	244	7	7	—	—	—	—
Painters, manufactured articles.....	52	52	—	—	—	—	—	—
Precision machine operatives.....	88	79	9	5	—	4	—	—
Sawyers.....	16	16	—	—	—	—	—	—
Stationary firemen.....	111	74	37	—	5	32	—	—
Textile operatives.....	—	—	—	—	—	—	—	—
Welders and flamecutters.....	155	141	14	14	—	—	—	—
Other metalworking operatives.....	169	156	13	4	—	9	—	—
Other specified operatives.....	721	643	78	78	—	—	—	—
Miscellaneous and not specified operatives.....	1 566	1 462	94	58	5	31	10	—
Occupation:								
Machine operatives, miscellaneous specified.....	577	533	44	32	—	12	—	—
Machine operatives, not specified.....	482	473	5	5	—	—	4	—
Miscellaneous operatives.....	292	264	22	14	—	8	6	—
Not specified operatives.....	215	192	23	7	5	11	—	—
Industry:								
Manufacturing.....	1 404	1 323	71	53	5	13	10	—
Durable goods.....	786	716	66	53	—	13	4	—
Wood products, including furniture.....	94	94	—	—	—	—	—	—
Primary metal industries.....	29	29	—	—	—	—	—	—
Fabricated metal industries.....	74	74	—	—	—	—	—	—
Machinery, including electrical.....	386	377	5	—	—	5	4	—
Motor vehicles and equipment.....	21	21	—	—	—	—	—	—
Transportation equipment, except motor vehicles.....	—	—	—	—	—	—	—	—
Other durable goods.....	182	121	61	53	—	8	—	—
Nondurable goods.....	598	587	5	—	5	—	6	—
Food and kindred products.....	134	129	5	—	5	—	—	—
Apparel and other fabricated textile products.....	3	3	—	—	—	—	—	—
Paper and allied products.....	32	32	—	—	—	—	—	—
Chemicals and allied products.....	180	180	—	—	—	—	—	—
Other nondurable goods.....	249	243	—	—	—	—	6	—
Not specified manufacturing industries.....	20	20	—	—	—	—	—	—
Nonmanufacturing industries.....	162	139	23	5	—	18	—	—
Transportation, communications, and other public utilities.....	53	41	12	—	—	12	—	—
Wholesale and retail trade.....	86	86	—	—	—	—	—	—
All other industries.....	23	12	11	5	—	6	—	—
Transport equipment operatives.....	1 699	1 524	158	65	4	89	15	—
Bus drivers.....	32	19	13	4	—	9	—	—
Taxicab drivers and chauffeurs.....	110	85	18	9	—	9	7	—
Truck drivers and deliverymen.....	927	836	87	36	4	47	4	—
Other transport equipment operatives.....	630	586	40	16	—	24	4	—
Laborers, except farm	3 183	2 577	559	244	45	270	47	—
Construction laborers.....	670	621	49	8	—	41	—	—
Freight, stock, and material handlers.....	1 125	827	287	173	12	102	11	—
Other specified laborers.....	659	540	83	30	6	47	36	—
Miscellaneous and not specified laborers.....	729	589	140	33	27	80	—	—
Occupation:								
Miscellaneous laborers.....	187	106	81	19	14	48	—	—
Not specified laborers.....	542	483	59	14	13	32	—	—
Industry:								
Manufacturing.....	400	358	42	22	11	9	—	—
Durable goods.....	275	233	42	22	11	9	—	—
Wood products, including furniture.....	31	26	5	—	5	—	—	—
Metal industries.....	65	65	—	—	—	—	—	—
Machinery, including electrical.....	67	58	9	—	—	9	—	—
Transportation equipment.....	18	18	—	—	—	—	—	—
Other durable goods.....	94	66	28	22	6	—	—	—
Nondurable goods.....	125	125	—	—	—	—	—	—
Food and kindred products.....	31	31	—	—	—	—	—	—
Not specified manufacturing industries.....	—	—	—	—	—	—	—	—
Nonmanufacturing industries.....	329	231	98	11	16	71	—	—
Railroads and railway express service.....	88	83	5	—	—	5	—	—
Transportation, except railroads.....	15	15	—	—	—	—	—	—
Communications, and utilities and sanitary services.....	68	4	64	6	16	42	—	—
Wholesale and retail trade.....	98	98	—	—	—	—	—	—
All other industries.....	60	31	29	5	—	24	—	—
Farmers and farm managers	55	8	4	4	—	—	43	—
Farm laborers and farm foremen	112	104	3	—	—	3	—	5
Paid farm laborers and farm foremen.....	107	104	3	—	—	3	—	—
Unpaid family workers.....	5	—	—	—	—	—	—	5
Service workers, except private household¹	3 702	2 754	851	281	91	479	97	—
Cleaning service workers.....	2 215	1 659	530	189	38	303	26	—
Food service workers.....	620	549	52	25	8	19	19	—
Cooks, except private household.....	201	174	22	13	—	9	5	—
Busboys and dishwashers.....	175	161	14	—	4	10	—	—
Health service workers.....	115	79	36	26	—	10	—	—
Personal service workers.....	218	114	52	9	19	24	52	—
Protective service workers.....	186	53	133	28	17	88	—	—
Firemen, fire protection.....	35	—	35	—	—	—	—	—
Guards and watchmen.....	101	53	48	28	17	3	—	—
Policemen and detectives.....	37	—	37	—	—	—	—	—
Private household workers	167	163	—	—	—	—	4	—

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**

LOUISVILLE, KY.—IND., 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	16 064	11 928	3 753	1 458	583	1 712	371	12
Professional, technical, and kindred workers	1 667	614	1 033	134	163	736	20	
Accountants	21	17	4	—	4	—	—	—
Computer specialists	8	8	—	—	—	—	—	—
Librarians	26	14	12	—	—	12	—	—
Mathematical specialists	10	3	7	—	—	—	—	—
Life and physical scientists	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	217	146	67	26	8	33	4	—
Dietitians	21	17	4	—	—	4	—	—
Registered nurses	187	129	54	26	5	23	4	—
Health technologists and technicians	109	75	34	12	—	22	—	—
Social scientists	—	—	—	—	—	—	—	—
Social and recreation workers	176	34	142	21	50	71	—	—
Teachers: College and university	27	9	18	5	8	5	—	—
Elementary and prekindergarten	601	143	454	26	50	378	4	—
Secondary	168	28	140	—	9	131	—	—
Other teachers	35	25	10	—	—	10	—	—
Engineering and science technicians	54	12	42	25	—	17	—	—
Technicians, except health, and engineering and science	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	23	23	—	—	—	—	—	—
Actors and dancers	—	—	—	—	—	—	—	—
Authors, editors, and reporters	—	—	—	—	—	—	—	—
Other professional, technical, and kindred workers	192	77	103	12	34	57	12	—
Managers and administrators, except farm	169	93	53	4	26	23	18	5
Buyers, purchasing agents, and sales managers	6	6	—	—	—	—	—	—
Restaurant, cafeteria, and bar managers	24	12	4	—	—	4	8	—
School administrators	40	19	21	—	—	15	—	—
Other specified managers and administrators	42	17	25	4	17	4	—	—
Managers and administrators, n.e.c., salaried	42	39	3	—	3	—	—	—
Wholesale and retail trade	7	7	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	15	—	—	—	—	—	10	—
Wholesale and retail trade	5	—	—	—	—	—	—	5
Sales workers	327	317	5	5	—	—	5	—
Demonstrators, hucksters, and peddlers	13	13	—	—	—	—	—	—
Insurance, real estate agents, and brokers	18	18	—	—	—	—	—	—
Sales clerks, retail trade	236	226	5	5	—	—	5	—
Salesmen, retail trade	10	10	—	—	—	—	—	—
Other sales workers	50	—	—	—	—	—	—	—
Clerical and kindred workers	2 733	1 631	1 087	659	114	314	8	7
Bank tellers	45	41	4	4	—	—	—	—
Bookkeepers	75	75	28	13	4	11	—	—
Cashiers	107	96	11	—	—	11	—	—
Counter clerks, except food	31	31	—	—	—	—	—	—
Enumerators and interviewers	20	4	16	11	5	—	—	—
File clerks	159	85	74	43	16	15	—	—
Office machine operators	179	78	101	95	6	—	—	—
Bookkeeping and billing machine operators	7	3	4	4	—	—	—	—
Keypunch operators	151	59	92	86	6	—	—	—
Payroll and timekeeping clerks	13	9	4	4	—	—	—	—
Receptionists	61	46	15	6	—	9	—	—
Secretaries	270	161	109	54	16	39	—	—
Stenographers	28	14	14	5	—	9	—	—
Telephone operators	127	119	8	4	—	4	—	—
Typists	410	199	211	83	32	96	—	—
Other clerical and kindred workers	1 180	673	492	337	35	120	8	7
Craftsmen and kindred workers	199	175	20	11	4	5	4	—
Foremen, n.e.c.	38	29	9	—	4	5	—	—
Operatives, except transport	3 025	2 484	535	437	51	47	4	—
Assemblers	372	296	76	68	5	3	—	—
Bottling and canning operatives	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	404	274	130	112	10	8	—	—
Dressmakers and seamstresses, except factory	43	39	—	—	—	—	4	—
Laundry and drycleaning operatives, including ironers	605	580	25	11	—	14	—	—
Graders and sorters, manufacturing	36	36	—	—	—	—	—	—
Packers and wrappers, except produce	282	263	19	9	6	4	—	—
Sewers and stitchers	455	302	153	117	30	6	—	—
Textile operatives	—	—	—	—	—	—	—	—
Other specified operatives	268	218	50	50	—	—	—	—
Miscellaneous and not specified operatives	560	478	82	70	—	12	—	—
Manufacturing	515	437	78	66	—	12	—	—
Durable goods	239	167	72	66	—	6	—	—
Machinery, including electrical	45	45	—	—	—	—	—	—
Other durable goods	194	122	72	66	—	6	—	—
Nondurable goods, including not specified manufacturing	276	270	6	—	—	6	—	—
Food and kindred products	13	13	—	—	—	—	—	—
Apparel and other fabricated textile products	29	29	—	—	—	—	—	—
Nonmanufacturing industries	45	41	4	4	—	—	—	—
Transport equipment operatives	62	40	22	—	—	22	—	—
Laborers, except farm	368	312	56	37	—	19	—	—
Farmers and farm managers	—	—	—	—	—	—	—	—
Farm laborers and farm foremen	36	4	7	7	—	—	25	—
Paid farm laborers and farm foremen	36	4	7	7	—	—	25	—
Unpaid family workers	—	—	—	—	—	—	—	—
Service workers, except private household¹	4 528	3 311	930	164	225	541	287	—
Cleaning service workers	1 369	1 020	338	60	60	218	11	—
Chambermaids and maids	291	260	31	5	—	21	—	—
Food service workers	1 085	944	132	22	38	72	9	—
Cooks, except private household	439	374	65	5	33	27	4	—
Waiters and food counter workers	325	298	23	—	—	23	—	—
Health service workers	1 065	761	277	39	95	143	27	—
Nursing aides, orderlies, and attendants	713	526	187	28	75	84	—	—
Practical nurses	274	184	63	5	5	53	27	—
Personal service workers	552	237	106	16	28	62	209	—
Hairdressers and cosmetologists	274	78	4	—	4	—	192	—
Private household workers	2 950	2 945	5	—	—	5	—	—
Private household workers, living in	53	53	—	—	—	—	—	—
Private household workers, living out	2 897	2 892	5	—	—	5	—	—

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
SOUTH BEND SMSA								
Total								
Male, 16 years old and over	69 737	58 646	5 716	1 241	723	3 752	5 194	181
Professional, technical, and kindred workers	9 850	7 291	1 607	142	223	1 242	947	5
Accountants	886	726	76	36	24	16	84	—
Architects	65	35	—	—	—	—	30	—
Computer specialists	190	179	11	—	—	11	—	—
Engineers	1 756	1 687	47	17	3	27	22	—
Aeronautical and astronautical	152	152	—	—	—	—	—	—
Civil	132	109	8	—	3	5	15	—
Electrical and electronic	237	237	—	—	—	—	—	—
Mechanical	408	404	4	—	—	4	—	—
Other engineers	827	785	35	17	—	18	7	—
Lawyers and judges	286	89	9	—	—	9	188	—
Life and physical scientists	176	139	37	24	—	13	—	—
Chemists	130	113	17	10	—	7	—	—
Physicians, dentists, and related practitioners	588	176	4	—	—	4	408	—
Dentists	98	11	—	—	—	—	87	—
Pharmacists	94	74	—	—	—	—	20	—
Physicians, medical and osteopathic	322	78	4	—	—	4	240	—
Other related practitioners	74	13	—	—	—	—	61	—
Health technologists and technicians	55	46	4	—	—	4	5	—
Religious workers	297	276	—	—	—	—	21	—
Social scientists	86	66	10	3	—	7	10	—
Social and recreation workers	88	29	59	—	16	43	—	—
Teachers	2 284	1 194	1 074	4	121	949	16	—
College and university	913	832	81	—	70	11	—	—
Elementary and prekindergarten	373	134	239	—	20	219	—	—
Secondary	950	211	739	—	20	719	—	—
Engineering and science technicians	1 227	1 178	43	12	12	19	6	—
Draftsmen and surveyors	686	655	25	6	—	19	6	—
Electrical and electronic engineering technicians	111	111	—	—	—	—	—	—
Technicians, except health, and engineering and science	121	77	44	23	4	17	—	—
Airplane pilots	38	34	4	—	—	4	—	—
Writers, artists, and entertainers	571	423	18	—	—	18	130	—
Other professional, technical, and kindred workers	1 174	971	171	23	43	105	27	5
Managers and administrators, except farm	6 961	5 444	574	155	103	316	924	19
Buyers, purchasing agents, and sales managers	1 065	1 017	10	—	—	10	31	7
School administrators	263	99	164	—	50	114	—	—
Specified managers and administrators, public administration	281	—	281	145	20	116	—	—
Other specified managers and administrators	1 141	971	26	—	5	21	144	—
Managers and administrators, n.e.c., salaried	3 450	3 357	93	10	28	55	—	—
Manufacturing	1 248	1 243	5	5	—	—	—	—
Wholesale and retail trade	1 010	1 004	6	—	—	6	—	—
Transportation, communications and other public utilities	298	277	21	—	5	16	—	—
All other industries	894	833	61	5	23	33	—	—
Managers and administrators, n.e.c., self-employed	761	—	—	—	—	—	749	12
Construction	93	—	—	—	—	—	93	—
Manufacturing	54	—	—	—	—	—	49	5
Wholesale and retail trade	436	—	—	—	—	—	436	—
All other industries	178	—	—	—	—	—	171	7
Sales workers	4 912	4 401	12	6	—	6	499	—
Insurance agents, brokers, and underwriters	504	422	—	—	—	—	82	—
Real estate agents and brokers	203	165	6	—	—	6	32	—
Sales representatives, manufacturing industries	663	645	—	—	—	—	18	—
Sales representatives, wholesale trade	1 177	1 074	—	—	—	—	103	—
Sales clerks, retail trade	1 037	918	2	2	—	—	117	—
Salesmen, retail trade	638	577	—	—	—	—	61	—
Salesmen of services and construction	228	203	4	4	—	—	21	—
Other sales workers	462	397	—	—	—	—	65	—
Clerical and kindred workers	5 064	4 167	815	648	54	113	51	31
Bank tellers and cashiers	95	89	6	—	6	—	—	—
Bookkeepers and billing clerks	375	329	9	—	—	9	11	26
Mail handlers and postal clerks	688	115	573	573	—	—	—	—
Other clerical and kindred workers	3 906	3 634	227	75	48	104	40	5
Craftsmen and kindred workers	14 675	13 114	561	94	70	397	994	6
Apparel craftsmen and upholsterers	79	61	5	—	—	5	13	—
Bakers	139	128	—	—	—	—	11	—
Cabinetmakers	156	146	—	—	—	—	10	—
Construction craftsmen	3 462	2 845	165	14	10	141	446	6
Carpenters	1 157	878	9	—	—	9	264	6
Excavating, grading, and road machine operators	248	177	56	2	5	49	15	—
Electricians	625	584	13	—	5	8	28	—
Masons and tile setters	221	204	—	—	—	—	17	—
Painters, construction and maintenance, and paperhangers	300	193	48	12	—	36	59	—
Plasterers and cement finishers	116	105	6	—	—	6	5	—
Plumbers and pipe fitters	521	466	15	—	—	15	40	—
Other construction craftsmen	274	238	18	—	—	18	18	—
Foremen, n.e.c.	2 179	2 089	65	13	12	40	25	—
Manufacturing	1 412	1 388	9	—	—	5	15	—
Nonmanufacturing industries	767	701	56	9	12	35	10	—
Linemen and servicemen, telephone and power	570	555	15	—	4	11	—	—
Locomotive engineers and firemen	37	37	—	—	—	—	—	—
Mechanics and repairmen	3 469	2 994	174	52	32	90	301	—
Air conditioning, heating, and refrigeration	130	98	—	—	—	—	32	—
Aircraft	80	60	20	14	—	6	—	—
Automobile, including body	1 512	1 307	72	32	11	29	133	—
Radio and television	182	135	—	—	—	—	47	—
Other mechanics and repairmen	1 565	1 394	82	6	21	55	89	—
Metal craftsmen, except mechanics	2 277	2 246	16	5	—	11	15	—
Machinists and job and die setters	922	917	5	—	—	5	—	—
Sheetmetal workers and fitters	215	205	—	—	—	—	10	—
Tool and die makers	588	588	—	—	—	—	—	—
Other metal craftsmen	552	536	11	5	—	6	5	—
Printing craftsmen	441	412	5	—	—	5	24	—
Compositors and typesetters	171	152	5	—	—	5	14	—
Pressmen and plate printers, printing	223	217	—	—	—	—	6	—
Stationary engineers and power station operators	196	115	75	—	6	69	—	—
Other craftsmen and kindred workers	1 670	1 486	41	10	6	25	143	—

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

SOUTH BEND 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	12 481	12 014	257	85	36	136	194	16
Assemblers.....	1 661	1 601	55	34	12	9	5	—
Checkers, examiners, and inspectors; manufacturing.....	985	981	4	4	—	—	—	—
Garage workers and gas station attendants.....	613	575	3	—	—	3	31	4
Laundry and drycleaning operatives, n.e.c.....	119	99	4	—	4	—	16	—
Meat cutters and butchers.....	413	371	—	—	—	—	42	—
Mine operatives, n.e.c.....	18	18	—	—	—	—	—	—
Packers and wrappers, except produce.....	343	337	—	—	—	—	6	—
Painters, manufactured articles.....	283	265	14	6	8	—	4	—
Precision machine operatives.....	1 593	1 559	18	10	—	8	16	—
Sawyers.....	120	115	5	—	—	5	—	—
Stationary firemen.....	129	102	27	—	—	27	—	—
Textile operatives.....	5	5	—	—	—	—	19	—
Welders and flamecutters.....	1 077	1 046	12	—	—	12	—	—
Other metalworking operatives.....	1 027	1 004	23	12	—	11	—	—
Other specified operatives.....	1 385	1 308	31	4	6	21	34	12
Miscellaneous and not specified operatives.....	2 710	2 628	61	15	6	40	21	—
Occupation:								
Machine operatives, miscellaneous specified.....	1 225	1 207	10	10	—	—	8	—
Machine operatives, not specified.....	506	506	—	—	—	—	7	—
Miscellaneous operatives.....	601	558	36	—	6	30	7	—
Not specified operatives.....	378	357	15	5	—	10	6	—
Industry:								
Manufacturing.....	2 424	2 385	28	15	—	13	11	—
Durable goods.....	1 647	1 612	24	15	—	9	11	—
Wood products, including furniture.....	66	58	—	—	—	—	8	—
Primary metal industries.....	178	178	—	—	—	—	—	—
Fabricated metal industries.....	199	199	—	—	—	—	—	—
Machinery, including electrical.....	524	524	—	—	—	—	—	—
Motor vehicles and equipment.....	364	349	15	10	—	5	—	—
Transportation equipment, except motor vehicles.....	231	231	—	—	—	—	—	—
Other durable goods.....	85	73	9	5	—	4	3	—
Nondurable goods.....	766	762	4	—	—	4	—	—
Food and kindred products.....	145	141	4	—	—	4	—	—
Apparel and other fabricated textile products.....	14	14	—	—	—	—	—	—
Paper and allied products.....	54	54	—	—	—	—	—	—
Chemicals and allied products.....	55	55	—	—	—	—	—	—
Other nondurable goods.....	498	498	—	—	—	—	—	—
Not specified manufacturing industries.....	11	11	—	—	—	—	—	—
Nonmanufacturing industries.....	286	243	33	—	6	27	10	—
Transportation, communications, and other public utilities.....	54	43	11	—	—	11	—	—
Wholesale and retail trade.....	109	109	—	—	—	—	—	—
All other industries.....	123	91	22	—	6	16	10	—
Transport equipment operatives.....	4 466	3 974	331	19	32	280	158	3
Bus drivers.....	216	61	139	—	5	134	16	—
Taxicab drivers and chauffeurs.....	125	101	—	—	—	—	24	—
Truck drivers and deliverymen.....	3 247	2 957	182	14	27	141	105	3
Other transport equipment operatives.....	878	855	10	5	—	5	13	—
Laborers, except farm.....	4 679	4 257	277	48	6	223	134	11
Construction laborers.....	569	481	83	—	—	83	5	—
Freight, stock, and material handlers.....	2 111	1 962	75	34	—	41	68	6
Other specified laborers.....	1 305	1 186	89	5	6	78	30	—
Miscellaneous and not specified laborers.....	694	628	30	9	—	21	31	5
Occupation:								
Miscellaneous laborers.....	215	176	14	9	—	5	20	5
Not specified laborers.....	479	452	16	—	—	16	11	—
Industry:								
Manufacturing.....	401	385	—	—	—	—	11	5
Durable goods.....	280	269	—	—	—	—	11	—
Wood products, including furniture.....	19	19	—	—	—	—	—	—
Metal industries.....	74	74	—	—	—	—	—	—
Machinery, including electrical.....	61	61	—	—	—	—	—	—
Transportation equipment.....	104	99	—	—	—	—	5	—
Other durable goods.....	22	16	—	—	—	—	6	—
Nondurable goods.....	121	116	—	—	—	—	—	5
Food and kindred products.....	27	27	—	—	—	—	—	—
Not specified manufacturing industries.....	—	—	—	—	—	—	—	—
Nonmanufacturing industries.....	293	243	30	9	—	21	20	—
Railroads and railway express service.....	43	43	—	—	—	—	—	—
Transportation, except railroads.....	8	8	—	—	—	—	—	—
Communications, and utilities and sanitary services.....	31	26	5	—	—	5	—	—
Wholesale and retail trade.....	104	99	—	—	—	—	5	—
All other industries.....	107	67	25	9	—	16	15	—
Farmers and farm managers.....	1 100	40	—	—	—	—	1 054	6
Farm laborers and farm foremen.....	391	324	—	—	—	—	—	67
Paid farm laborers and farm foremen.....	324	324	—	—	—	—	—	—
Unpaid family workers.....	67	—	—	—	—	—	—	67
Service workers, except private household ¹	5 136	3 598	1 282	44	199	1 039	239	17
Cleaning service workers.....	1 906	1 508	380	33	56	291	18	—
Food service workers.....	1 101	1 031	—	—	—	—	58	12
Cooks, except private household.....	380	358	—	—	—	—	17	5
Busboys and dishwashers.....	288	288	—	—	—	—	—	—
Health service workers.....	107	91	16	—	5	11	—	—
Personal service workers.....	416	240	30	11	12	7	146	—
Protective service workers.....	1 188	329	837	—	126	711	17	5
Firemen, fire protection.....	345	6	334	—	6	328	—	—
Guards and watchmen.....	362	289	62	—	44	18	11	—
Policemen and detectives.....	450	28	416	—	76	340	6	—
Private household workers.....	22	22	—	—	—	—	—	—

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**

SOUTH BEND SMSA—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	40 371	33 676	4 594	513	538	3 543	1 555	546
Professional, technical, and kindred workers	5 431	2 995	2 138	89	219	1 830	251	47
Accountants	204	153	31	7	18	6	20	—
Computer specialists	46	41	—	—	—	—	5	—
Librarians	165	55	104	—	10	94	—	6
Mathematical specialists	10	6	—	—	—	—	—	—
Life and physical scientists	—	—	5	—	—	5	—	—
Registered nurses, dietitians, and therapists	1 156	940	162	—	36	126	39	15
Dietitians	54	54	—	—	—	—	—	—
Registered nurses	1 034	834	146	—	30	116	39	15
Health technologists and technicians	313	287	26	8	12	6	—	—
Social scientists	—	—	—	—	—	—	—	—
Social and recreation workers	115	76	35	—	3	32	—	4
Teachers: College and university	215	155	60	—	60	—	—	—
Elementary and prekindergarten	1 497	467	1 030	34	41	955	—	—
Secondary	636	136	500	—	19	481	—	—
Other teachers	225	74	15	—	5	10	136	—
Engineering and science technicians	104	99	5	5	—	—	—	—
Technicians, except health, and engineering and science	17	11	6	—	—	6	—	—
Writers, artists, and entertainers	189	145	8	—	—	8	31	5
Actors and dancers	—	—	—	—	—	—	—	—
Authors, editors, and reporters	41	37	—	—	—	—	4	—
Other professional, technical, and kindred workers	533	345	151	35	15	101	20	17
Managers and administrators, except farm	1 110	724	139	25	29	85	232	15
Buyers, purchasing agents, and sales managers	149	131	—	—	—	—	18	—
Restaurant, cafeteria, and bar managers	175	58	6	—	—	6	111	—
School administrators	18	13	5	—	—	5	—	—
Other specified managers and administrators	248	138	105	25	20	60	5	—
Managers and administrators, n.e.c., salaried	407	384	23	—	9	14	—	—
Wholesale and retail trade	116	116	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	113	—	—	—	—	—	98	15
Wholesale and retail trade	69	—	—	—	—	—	64	5
Sales workers	3 525	3 256	13	9	—	4	195	61
Demonstrators, hucksters, and peddlers	221	180	—	—	—	—	41	—
Insurance, real estate agents, and brokers	133	103	—	—	—	—	30	—
Sales clerks, retail trade	2 475	2 352	—	—	—	—	86	37
Salesmen, retail trade	115	100	—	—	—	—	15	—
Other sales workers	581	521	13	9	—	4	23	24
Clerical and kindred workers	14 292	12 459	1 476	360	202	914	121	236
Bank tellers	349	329	20	9	—	11	—	—
Bookkeepers	1 779	1 511	141	12	15	114	58	69
Cashiers	1 120	1 047	41	—	10	31	10	22
Counter clerks, except food	306	285	10	5	—	5	5	6
Enumerators and interviewers	58	29	24	24	—	—	5	—
File clerks	353	314	39	6	6	27	—	—
Office machine operators	707	673	34	5	5	24	—	—
Bookkeeping and billing machine operators	105	85	20	—	—	20	—	—
Keypunch operators	440	431	9	—	5	4	—	—
Payroll and timekeeping clerks	167	148	19	—	5	14	—	—
Receptionists	418	403	15	—	4	11	—	—
Secretaries	3 992	3 517	379	64	45	270	10	86
Stenographers	111	89	23	10	—	13	—	—
Telephone operators	616	596	20	11	9	—	—	—
Typists	1 367	1 172	177	29	50	98	6	12
Other clerical and kindred workers	2 949	2 347	534	185	53	296	27	41
Craftsmen and kindred workers	836	746	45	—	7	38	29	16
Foremen, n.e.c.	116	111	5	—	—	5	—	—
Operatives, except transport	5 948	5 765	64	10	—	54	92	27
Assemblers	804	814	6	—	—	6	4	—
Bottling and canning operatives	48	48	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	436	430	6	—	—	6	—	—
Dressmakers and seamstresses, except factory	142	103	—	—	—	—	29	10
Laundry and drycleaning operatives, including ironers	523	497	26	5	—	21	—	—
Graders and sorters, manufacturing	26	26	—	—	—	—	—	—
Packers and wrappers, except produce	449	443	—	—	—	—	6	—
Sewers and stitchers	727	714	9	—	—	9	—	4
Textile operatives	68	63	—	—	—	—	5	—
Other specified operatives	1 193	1 159	5	—	—	5	19	10
Miscellaneous and not specified operatives	1 522	1 478	12	5	—	7	29	3
Manufacturing	1 422	1 381	12	5	—	7	29	—
Durable goods	609	586	—	—	—	—	23	—
Machinery, including electrical	247	247	—	—	—	—	—	—
Other durable goods	362	339	—	—	—	—	23	—
Nondurable goods, including not specified manufacturing	813	795	12	5	—	7	6	—
Food and kindred products	80	80	—	—	—	—	—	—
Apparel and other fabricated textile products	40	34	—	—	—	—	6	—
Nonmanufacturing industries	100	97	—	—	—	—	—	3
Transport equipment operatives	137	77	56	—	9	47	4	—
Laborers, except farm	441	418	3	—	—	3	14	6
Farmers and farm managers	83	—	—	—	—	—	83	—
Farm laborers and farm foremen	143	57	10	5	—	5	—	76
Paid farm laborers and farm foremen	67	57	10	5	—	5	—	—
Unpaid family workers	76	—	—	—	—	—	—	76
Service workers, except private household¹	7 459	6 224	650	15	72	563	523	62
Cleaning service workers	1 205	1 105	90	—	13	77	—	10
Chambermaids and maids	284	258	26	—	4	22	—	—
Food service workers	3 346	2 982	284	11	24	249	53	27
Cooks, except private household	786	634	107	5	14	88	30	15
Waiters and food counter workers	1 927	1 827	75	6	10	59	18	7
Health service workers	1 311	1 197	100	—	22	78	14	—
Nursing aides, orderlies, and attendants	818	755	63	—	6	57	—	—
Practical nurses	160	121	25	—	16	9	14	—
Personal service workers	1 023	538	50	4	4	42	410	25
Hairdressers and cosmetologists	704	333	—	—	—	—	366	5
Private household workers	966	955	—	—	—	—	11	—
Private household workers, living in	50	50	—	—	—	—	—	—
Private household workers, living out	916	905	—	—	—	—	11	—

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

	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	15 365	1 278 128	36 287	51 023	143 832	155 089	134 543	269 349	259 214	104 908	73 221	50 662	39.4
Professional, technical, and kindred workers	159	148 458	579	1 890	19 236	25 859	19 548	34 316	26 591	8 997	6 697	4 745	37.1
Accountants	6	11 529	—	42	1 271	2 026	1 336	2 484	2 348	815	705	502	39.4
Architects	—	800	—	10	42	106	122	229	179	50	49	13	40.2
Computer specialists	—	3 325	5	48	640	1 079	552	759	204	23	15	—	29.5
Engineers	13	25 436	18	101	2 017	3 898	3 660	6 844	5 688	1 641	1 151	418	39.4
Aeronautical and astronautical	—	549	—	5	43	50	67	137	190	29	28	—	43.0
Civil	13	2 604	—	12	216	325	404	648	488	115	247	149	40.3
Electrical and electronic	—	5 528	10	37	471	1 026	840	1 477	1 083	359	189	36	37.6
Mechanical	—	4 273	4	22	392	564	530	1 157	1 053	325	192	34	40.4
Other engineers	—	12 482	4	25	895	1 933	1 819	3 425	2 874	813	495	199	39.6
Lawyers and judges	—	4 430	—	11	25	523	610	1 218	876	378	322	467	43.6
Life and physical scientists	—	3 754	5	16	426	681	498	970	753	225	136	44	37.6
Chemists	—	2 684	5	16	338	467	358	619	551	206	104	20	37.6
Physicians, dentists, and related practitioners	10	10 200	6	7	335	978	947	2 621	2 720	946	704	936	45.8
Dentists	—	1 825	—	—	—	175	179	476	498	134	126	237	46.7
Pharmacists	—	2 489	6	4	179	307	250	527	533	257	228	198	44.5
Physicians, medical and osteopathic	4	4 436	—	—	129	338	393	1 208	1 253	461	302	352	46.2
Other related practitioners	6	1 450	—	3	27	158	125	410	436	94	48	149	45.0
Health technologists and technicians	10	1 444	11	60	371	263	197	229	190	55	35	33	30.4
Religious workers	5	6 828	11	4	292	606	833	1 875	1 349	761	530	567	43.9
Social scientists	—	1 147	—	4	100	250	204	259	194	58	36	42	35.6
Social and recreation workers	—	1 689	35	62	307	345	173	257	229	111	84	86	32.8
Teachers	22	31 840	77	184	4 951	7 330	4 721	6 920	4 185	1 565	1 213	694	33.6
College and university	—	10 202	—	73	1 408	2 220	1 651	2 343	1 436	512	369	190	34.2
Elementary and prekindergarten	4	6 592	26	52	1 328	1 529	841	1 276	720	356	288	176	32.1
Secondary	6	13 867	9	17	2 061	3 415	2 127	3 069	1 780	623	489	277	33.4
Engineering and science technicians	4	18 094	116	612	3 835	3 175	2 206	3 752	2 819	854	565	160	33.0
Draftsmen and surveyors	—	7 710	94	344	1 913	1 354	871	1 543	1 068	227	278	80	30.9
Electrical and electronic engineering technicians	4	2 992	—	40	601	708	445	740	340	71	38	9	31.7
Technicians, except health, and engineering and science	5	2 552	19	51	367	376	462	553	443	116	88	77	35.0
Airplane pilots	—	593	—	—	50	84	136	188	126	9	—	—	36.4
Writers, artists, and entertainers	30	9 073	214	341	1 590	1 321	956	1 784	1 534	596	432	305	35.6
Other professional, technical, and kindred workers	54	16 317	62	337	2 667	2 902	2 071	3 562	2 880	803	632	401	35.3
Managers and administrators, except farm	119	120 680	301	857	6 323	11 202	13 032	31 207	31 362	11 975	8 640	5 781	44.2
Buyers, purchasing agents, and sales managers	—	16 550	14	148	1 186	2 032	1 947	4 311	4 145	1 375	1 019	473	42.0
School administrators	4	3 926	4	5	34	178	498	1 351	1 055	423	289	89	44.2
Specified managers and administrators, public administration	—	5 372	6	9	138	250	310	1 122	1 550	820	518	649	50.5
Other specified managers and administrators	43	21 105	121	279	1 733	2 584	2 414	4 781	4 839	1 436	1 311	987	42.2
Managers and administrators, n.e.c., salaried	41	56 186	138	360	2 896	5 270	6 571	15 437	14 453	5 187	3 731	2 163	43.3
Manufacturing	15	16 885	20	5	480	1 264	1 850	5 048	4 956	1 644	1 121	497	44.6
Wholesale and retail trade	5	18 909	80	283	1 438	2 347	2 225	4 599	4 315	1 624	1 233	765	41.7
Transportation, communications, and other public utilities	5	5 003	10	4	184	369	525	1 388	1 471	539	359	154	45.1
All other industries	16	15 389	28	68	794	1 290	1 971	4 402	3 711	1 380	998	747	43.0
Managers and administrators, n.e.c., self-employed	31	17 441	18	56	336	888	1 292	4 205	5 320	2 234	1 672	1 420	48.6
Construction	—	3 429	—	9	65	269	331	1 055	1 045	341	167	147	44.9
Manufacturing	—	1 193	—	4	9	66	105	205	410	136	106	124	49.4
Wholesale and retail trade	31	9 633	14	38	204	462	686	2 147	2 856	1 308	1 077	841	49.4
All other industries	—	3 186	—	—	39	91	170	798	1 009	449	322	308	49.9
Sales workers	4 725	74 318	3 598	2 529	6 910	8 254	7 627	15 133	15 244	6 170	4 412	4 441	40.4
Insurance agents, brokers, and underwriters	6	10 193	6	31	907	1 415	1 419	2 592	2 178	752	425	468	40.1
Real estate agents and brokers	—	3 248	4	—	71	175	254	694	944	396	335	375	49.5
Sales representatives, manufacturing industries	11	9 219	28	53	597	1 352	1 375	2 346	2 104	629	373	362	40.1
Sales representatives, wholesale trade	12	13 498	62	175	1 035	1 673	1 626	3 105	3 309	1 084	817	612	42.0
Sales clerks, retail trade	251	16 596	1 914	1 349	2 400	1 354	1 088	2 149	2 422	1 531	1 087	1 302	35.9
Salesmen, retail trade	30	11 185	195	341	989	1 277	898	2 333	2 518	1 014	847	773	43.1
Salesmen of services and construction	10	3 575	64	84	265	419	403	807	816	305	252	160	41.8
Other sales workers	4 405	6 804	1 325	496	646	589	564	1 107	953	459	276	389	33.1
Clerical and kindred workers	396	83 295	1 965	4 237	12 427	10 482	7 468	16 104	16 580	6 704	4 423	2 905	38.1
Bank tellers and cashiers	61	2 346	360	355	558	212	71	234	148	160	123	125	24.1
Bookkeepers and billing clerks	8	6 718	39	149	870	968	537	1 233	1 383	528	524	487	41.5
Mail handlers and postal clerks	40	10 673	162	299	924	727	855	2 667	3 540	930	375	194	43.9
Other clerical and kindred workers	287	63 558	1 404	3 434	10 075	8 575	6 005	11 970	11 509	5 086	3 401	2 099	36.9
Craftsmen and kindred workers	425	299 989	2 003	7 336	28 863	36 154	34 674	71 382	68 487	26 249	17 062	7 779	40.7
Apparel craftsmen and upholsterers	—	1 436	16	45	139	105	132	366	244	97	131	161	42.7
Bakers	11	1 324	69	81	108	130	143	316	196	105	133	43	39.1
Cabinetmakers	—	2 116	5	81	235	291	197	442	384	165	155	161	40.6
Construction craftsmen	99	72 677	486	1 801	7 156	8 571	8 299	17 111	16 156	6 307	4 308	2 482	40.9
Carpenters	25	20 545	153	563	1 748	2 074	2 134	4 510	4 771	2 108	1 468	1 016	43.0
Excavating, grading, and road machine operators	3	7 185	29	139	643	958	897	1 851	1 526	573	443	126	40.0
Electricians	10	14 639	25	315	1 699	2 021	1 810	3 453	3 270	1 063	669	314	39.2
Masons and tile setters	5	5 466	30	89	597	701	653	1 634	1 157	329	177	99	39.1
Painters, construction and maintenance, and paperhangers	32	6 749	161	257	676	670	656	1 261	1 359	730	577	402	42.6
Plasterers and cement finishers	10	2 020	15	61	222	202	253	593	445	94	69	66	39.3
Plumbers and pipe fitters	—	11 107	40	187	1 002	1 295	1 204	2 581	2 684	1 066	711	337	42.1
Other construction craftsmen	14	4 966	33	190	569	650	692	1 228	944	344	194	122	37.8
Foremen, n.e.c.	18	48 868	23	200	1 555	4 665	6 061	13 827	14 016	5 017	2 797	707	43.6
Manufacturing	13	34 397	14	94	1 021	3 480	4 388	9 879	9 926	3 555	1 735	305	43.3
Nonmanufacturing industries	5	14 471	9	106	534	1 185	1 673	3 948	4 090	1 462	1 062	402	44.4
Linemen and servicemen, telephone and power	13	9 204	17	380	1 996	1 680	1 085	2 321	1 168	312	188	57	32.4
Locomotive engineers and firemen	—	3 295	—	44	335	290	268	568	1 148	328	247	67	46.2
Mechanics and repairmen	96	67 436	759	2 130	7 591	9 291	7 761	15 672	13 912	5 424	3 335	1 561	38.9
Air conditioning, heating, and refrigeration	—	3 396	37	79	356	442	441	1 780	734	260	182	85	39.4
Aircraft													

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	1 337	244 122	5 451	13 372	35 258	34 140	26 676	48 642	45 742	18 763	11 737	4 341	36.5
Assemblers.....	57	24 860	172	1 375	4 776	4 417	2 831	4 728	4 001	1 497	802	261	33.0
Checkers, examiners, and inspectors; manufacturing.....	4	18 470	30	403	2 220	2 340	1 904	3 886	4 424	1 842	1 273	148	41.0
Garage workers and gas station attendants.....	428	11 640	2 868	2 690	1 815	862	562	880	926	351	262	424	20.7
Laundry and drycleaning operatives, n.e.c.....	25	5 328	99	116	166	105	97	163	266	109	139	68	40.0
Meat cutters and butchers.....	22	5 972	151	328	763	797	724	1 111	917	502	351	328	37.0
Mine operatives, n.e.c.....	16	1 183	6	22	101	146	112	197	274	163	115	47	45.3
Packers and wrappers, except produce.....	55	6 294	303	643	1 444	816	542	745	889	493	346	73	29.6
Painters, manufactured articles.....	5	4 325	61	267	614	705	363	904	837	336	176	62	36.7
Precision machine operatives.....	4	23 197	57	680	2 953	3 598	2 599	4 740	4 896	2 025	1 322	327	38.6
Sawyers.....	-	3 209	31	110	389	342	294	612	620	309	340	162	42.2
Stationary firemen.....	4	3 061	6	54	203	224	306	626	812	448	311	71	46.4
Textile operatives.....	-	326	5	42	43	30	40	59	65	16	16	10	35.5
Welders and flamecutters.....	5	20 216	84	629	2 788	2 968	2 372	4 615	4 279	1 463	778	240	37.7
Other metalworking operatives.....	26	19 056	161	691	2 354	2 750	2 446	4 143	3 781	1 595	896	239	37.7
Other specified operatives.....	524	28 360	642	1 556	3 917	3 648	3 212	5 707	5 189	2 195	1 422	872	37.1
Miscellaneous and not specified operatives.....	162	72 625	775	3 766	10 712	10 392	8 272	15 526	13 566	5 419	3 188	1 009	36.5
Occupation:													
Machine operatives, miscellaneous specified.....	74	29 574	281	1 488	4 432	4 135	3 377	6 373	5 641	2 202	1 245	400	36.7
Machine operatives, not specified.....	15	17 979	66	789	2 475	3 064	2 140	3 855	3 291	1 331	747	221	36.2
Miscellaneous operatives.....	49	15 710	310	973	2 476	1 912	1 696	3 347	2 814	1 171	756	255	36.5
Not specified operatives.....	24	9 362	118	516	1 329	1 281	1 059	1 951	1 820	715	440	133	36.9
Industry:													
Manufacturing.....	59	65 525	496	3 263	9 555	9 641	7 612	14 226	12 187	4 977	2 825	743	36.5
Durable goods.....	36	48 097	267	2 079	7 070	7 128	5 519	10 587	8 994	3 668	2 160	625	36.9
Wood products, including furniture.....	-	2 805	33	188	307	222	280	570	455	308	334	114	41.6
Primary metal industries.....	5	12 199	28	522	1 570	1 716	1 388	2 793	2 435	1 131	498	118	38.1
Fabricated metal industries.....	5	4 288	53	243	749	472	478	978	760	255	250	50	36.5
Machinery, including electrical.....	21	12 767	48	519	1 975	2 136	1 333	2 782	2 399	886	530	159	36.3
Motor vehicles and equipment.....	5	8 046	26	188	1 006	1 401	1 053	1 916	1 594	584	220	58	36.8
Transportation equipment, except motor vehicles.....	-	2 502	64	149	496	419	333	456	366	128	72	19	31.8
Other durable goods.....	-	5 490	15	270	973	762	654	1 092	985	376	256	107	35.7
Nondurable goods.....	23	16 965	229	1 147	2 419	2 435	2 061	3 535	3 105	1 281	656	97	35.5
Food and kindred products.....	10	3 420	95	158	376	379	378	794	640	344	196	60	39.1
Apparel and other fabricated textile products.....	-	241	22	14	29	37	23	45	28	27	6	10	34.0
Paper and allied products.....	-	2 746	14	253	448	387	331	600	420	188	90	15	34.1
Chemicals and allied products.....	-	3 218	5	84	442	510	460	722	732	160	103	-	36.5
Other nondurable goods.....	13	7 340	93	638	1 124	1 122	869	1 374	1 285	562	261	12	34.0
Not specified manufacturing industries.....	-	463	-	37	66	78	32	104	88	28	9	21	36.8
Nonmanufacturing industries.....	103	7 100	279	503	1 157	751	660	1 300	1 379	442	363	266	36.5
Transportation, communications, and other public utilities.....	4	1 496	25	104	209	120	134	304	355	99	100	46	40.1
Wholesale and retail trade.....	70	2 906	177	227	461	280	293	523	506	182	147	110	35.3
All other industries.....	29	2 698	77	172	487	351	233	473	518	161	116	110	35.6
Transport equipment operatives.....	223	78 315	994	2 345	8 366	9 784	9 270	18 861	16 828	5 902	3 946	2 019	39.5
Bus drivers.....	-	3 048	-	3	203	199	193	593	802	523	371	161	49.2
Taxicab drivers and chauffeurs.....	-	1 708	16	32	214	207	168	290	356	180	151	94	42.5
Truck drivers and deliverymen.....	137	55 538	819	1 626	5 407	6 838	6 713	13 920	12 377	4 130	2 476	1 232	39.6
Other transport equipment operatives.....	86	18 021	159	684	2 542	2 540	2 196	4 058	3 293	1 069	948	532	37.2
Laborers, except farm.....	2 424	83 532	9 990	10 103	13 124	8 490	6 458	11 950	11 581	5 280	3 669	2 887	30.0
Construction laborers.....	101	13 010	479	963	2 037	1 653	1 196	2 347	2 201	935	703	496	35.8
Freight, stock, and material handlers.....	935	34 614	6 723	5 100	5 547	3 335	2 445	4 225	3 922	1 655	999	663	24.9
Other specified laborers.....	1 140	15 660	1 751	2 216	2 194	1 275	1 092	2 067	2 101	1 032	774	1 158	31.8
Miscellaneous and not specified laborers.....	248	20 248	1 037	1 824	3 346	2 227	1 725	3 311	3 357	1 658	1 193	570	34.9
Occupation:													
Miscellaneous laborers.....	57	8 305	149	371	1 140	938	705	1 686	1 640	868	634	174	40.0
Not specified laborers.....	191	11 943	888	1 453	2 206	1 289	1 020	1 625	1 717	790	559	396	30.7
Industry:													
Manufacturing.....	32	13 977	283	1 400	2 511	1 773	1 332	2 380	2 400	1 022	694	182	33.8
Durable goods.....	16	11 856	161	1 143	2 188	1 447	1 192	2 057	2 026	862	614	166	34.7
Wood products, including furniture.....	-	491	21	45	81	38	54	89	25	28	60	60	36.3
Metal industries.....	11	7 542	52	798	1 371	928	732	1 329	1 268	624	379	61	34.2
Machinery, including electrical.....	-	1 265	26	142	289	156	142	225	164	84	25	12	30.7
Transportation equipment.....	5	1 513	32	84	274	200	173	262	304	77	86	21	34.8
Other durable goods.....	-	1 045	30	74	173	125	91	191	201	52	96	12	36.5
Nondurable goods.....	16	2 059	122	242	307	321	140	314	364	153	80	16	31.3
Food and kindred products.....	5	976	52	75	125	171	98	184	150	78	39	4	33.3
Not specified manufacturing industries.....	-	62	-	15	16	5	-	9	10	7	-	-	-
Nonmanufacturing industries.....	216	6 271	754	424	835	454	393	931	957	636	499	388	38.0
Railroads and railway express service.....	-	1 359	27	76	200	92	63	242	283	223	120	33	44.2
Transportation, except railroads.....	12	174	26	-	12	13	40	26	32	14	-	11	34.5
Communications, and utilities and sanitary services.....	8	874	15	47	127	94	69	139	139	107	71	66	41.1
Wholesale and retail trade.....	86	1 972	440	168	296	124	114	234	247	145	107	97	28.3
All other industries.....	110	1 892	246	133	200	131	107	290	256	147	201	181	39.4
Farmers and farm managers.....	129	43 456	141	262	1 676	2 449	2 782	7 387	10 763	5 890	4 875	7 231	51.5
Farm laborers and farm foremen.....	1 515	12 989	2 649	1 629	1 720	973	774	1 235	1 515	808	606	1 080	27.6
Paid farm laborers and farm foremen.....	1 091	11 064	2 015	1 231	1 437	895	708	1 133	1 429	740	553	923	29.7
Unpaid family workers.....	424	1 925	634	398	283	78	66	102	86	68	53	157	19.7
Service workers, except private household ¹	3 804	88 460	8 558	6 436	9 883	7 279	6 210	13 081	14 421	8 116	7 106	7 370	39.5
Cleaning service workers.....	961	35 007	2 078	2 412	2 999	2 033	1 693	4 479	6 771	4 561	4 150	3 831	47.7
Food service workers.....	2 100	17 760	5 307	2 835	2 839	767	706	1 455	1 787	871	615	578	21.3
Cooks, except private household.....	509	5 488	1 946	1 014	586	251	215	398	544	209	161	164	19.6
Busboys and dishwashers.....	1 007	3 755	1 916	768	634	71	47	79	80	63	45	52	18.0
Health service workers.....	23	2 729	260	261	731	235	173	307	328	190	123	121	27.4
Personal service workers.....	166	7 661	538	370	887	853	746	1 366	1 019	501	490	891	38.2
Protective													

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

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	7 446	738 237	21 700	41 105	108 783	71 459	64 390	148 233	154 364	59 563	39 595	29 045	39.2
Professional, technical, and kindred workers	172	99 648	396	1 685	18 342	14 825	9 901	19 047	18 284	7 276	6 036	3 856	37.5
Accountants	10	4 535	10	133	570	431	332	931	1 223	436	260	209	43.5
Computer specialists	—	675	—	14	248	154	73	109	66	6	—	5	27.5
Librarians	5	2 273	11	130	454	190	117	336	442	217	223	153	42.0
Mathematical specialists	—	175	—	—	24	32	12	28	42	21	10	6	42.0
Life and physical scientists	—	526	—	18	98	125	61	82	73	35	23	11	31.8
Registered nurses, dietitians, and therapists	37	20 150	42	190	3 215	2 946	2 165	4 340	4 303	1 428	954	567	38.5
Dietitians	7	878	16	71	58	71	69	181	266	100	64	37	46.1
Registered nurses	20	18 102	22	137	2 819	2 703	1 966	3 967	3 852	1 285	855	496	38.5
Health technologists and technicians	6	4 564	47	238	1 550	804	524	663	455	161	51	71	27.8
Social scientists	—	295	—	—	51	35	51	79	36	27	5	11	36.3
Social and recreation workers	5	2 535	5	50	455	430	229	463	481	207	116	99	37.1
Teachers: College and university	—	3 569	5	130	864	648	375	684	465	134	155	109	31.8
Elementary and prekindergarten	13	29 836	78	80	5 304	4 648	3 038	5 538	4 893	2 486	2 494	1 277	38.2
Secondary	23	11 208	9	17	2 391	2 006	1 139	2 063	1 966	675	637	305	35.2
Other teachers	32	2 788	94	106	257	329	265	505	483	173	214	362	41.8
Engineering and science technicians	—	2 372	4	139	558	265	150	458	558	143	62	35	36.5
Technicians, except health, and engineering and science	—	336	—	9	78	36	29	93	45	15	26	5	36.7
Writers, artists, and entertainers	30	4 023	72	193	666	471	382	777	758	258	245	201	37.9
Actors and dancers	—	79	—	—	28	25	7	10	9	—	—	—	—
Authors, editors, and reporters	—	1 262	—	51	197	139	147	265	239	62	82	80	38.7
Other professional, technical, and kindred workers	15	9 788	19	238	1 559	1 275	959	1 898	1 995	854	561	430	39.4
Managers and administrators, except farm	20	23 107	79	164	1 392	1 485	1 601	4 877	6 845	3 164	2 068	1 432	47.9
Buyers, purchasing agents, and sales managers	—	3 400	12	20	328	266	222	704	1 001	507	261	79	46.5
Restaurant, cafeteria, and bar managers	—	2 911	24	—	152	101	197	729	986	422	205	95	47.6
School administrators	—	902	—	4	32	41	103	209	241	112	138	22	47.6
Other specified managers and administrators	4	5 403	14	82	397	428	453	1 015	1 547	644	458	365	47.0
Managers and administrators, n.e.c., salaried	11	7 289	29	53	437	544	446	1 641	2 145	915	636	443	47.3
Wholesale and retail trade	6	2 793	10	33	188	191	154	602	833	408	204	170	47.6
Managers and administrators, n.e.c., self-employed	5	3 202	—	5	46	105	180	579	925	564	370	428	52.4
Wholesale and retail trade	—	2 145	—	—	35	69	104	405	560	396	252	324	53.2
Sales workers	753	54 593	3 606	3 795	5 172	3 448	3 797	9 798	12 533	5 569	3 752	3 123	42.6
Demonstrators, hucksters, and peddlers	10	4 801	26	184	537	698	683	1 002	928	343	187	213	37.7
Insurance, real estate agents, and brokers	5	2 815	7	53	193	201	226	680	809	252	210	184	45.6
Sales clerks, retail trade	330	37 384	2 981	3 031	3 326	1 792	2 128	6 297	8 868	4 117	2 656	2 188	43.6
Salesmen, retail trade	12	1 867	68	66	148	125	114	420	385	229	203	109	44.8
Other sales workers	396	7 726	524	461	968	632	646	1 399	1 543	628	496	429	39.5
Clerical and kindred workers	968	244 393	5 722	19 704	46 727	23 972	20 533	48 374	47 270	16 085	9 957	6 049	36.1
Bank tellers	5	5 729	16	342	1 210	560	524	1 342	1 211	300	170	54	36.6
Bookkeepers	23	32 210	194	1 094	4 162	2 660	2 742	7 474	7 948	2 824	1 903	1 209	42.0
Cashiers	211	20 756	1 987	2 536	3 176	1 677	1 527	3 928	3 467	1 321	714	423	33.3
Counter clerks, except food	4	4 579	274	299	683	320	306	803	1 052	409	235	198	40.1
Enumerators and interviewers	24	1 083	—	46	108	123	123	307	214	74	55	33	39.6
File clerks	51	7 238	333	1 247	1 850	466	378	1 018	1 100	418	302	126	27.0
Office machine operators	34	10 480	85	967	3 041	1 452	1 151	1 851	1 268	410	192	63	28.9
Bookkeeping and billing machine operators	—	1 402	5	116	352	141	185	296	191	62	44	10	32.4
Key punch operators	14	6 265	47	656	2 128	1 009	703	993	541	154	29	5	26.5
Payroll and timekeeping clerks	—	3 430	6	157	456	238	386	821	833	256	211	66	40.7
Receptionists	29	7 135	243	845	1 444	602	565	1 263	1 198	383	313	279	33.8
Secretaries	89	59 910	548	3 895	12 910	7 193	5 401	11 734	11 493	3 667	2 018	1 051	35.0
Stenographers	—	1 940	12	133	435	154	146	457	295	132	108	68	37.0
Telephone operators	12	8 589	121	957	1 936	697	588	1 770	1 532	492	307	189	35.0
Typists	57	21 635	510	2 645	5 258	2 286	1 724	3 646	3 510	948	637	471	30.3
Other clerical and kindred workers	429	59 679	1 393	4 541	10 058	5 544	4 972	11 960	12 149	4 451	2 792	1 819	37.8
Craftsmen and kindred workers	77	17 713	150	432	1 638	1 638	1 668	4 119	4 453	1 737	963	661	42.5
Foremen, n.e.c.	27	3 124	7	17	174	217	232	775	983	428	188	103	46.4
Operatives, except transport	403	125 412	849	4 545	15 325	13 241	13 283	30 756	29 831	9 539	5 423	2 620	40.0
Assemblers	15	23 453	91	857	3 546	2 877	2 582	6 135	5 257	1 358	591	159	37.9
Bottling and canning operatives	—	628	—	19	64	70	25	148	189	52	61	—	44.2
Checkers, examiners, and inspectors; manufacturing	—	15 519	51	380	1 293	1 518	1 642	4 141	4 298	1 303	738	155	41.9
Dressmakers and seamstresses, except factory	11	2 248	5	37	77	81	105	269	690	324	203	457	53.0
Laundry and drycleaning operatives, including ironers	17	6 096	120	154	485	360	531	1 310	1 636	665	505	330	45.5
Graders and sorters, manufacturing	5	610	—	36	44	71	40	106	194	86	23	10	45.4
Packers and wrappers, except produce	39	9 892	118	362	1 174	1 068	1 084	2 524	2 235	797	388	142	39.5
Sewers and stitchers	12	10 304	20	456	1 032	862	923	2 312	2 496	1 206	672	325	43.0
Textile operatives	—	329	—	12	27	34	27	73	104	30	22	—	43.8
Other specified operatives	275	26 825	281	1 062	3 571	2 934	3 036	6 366	5 822	1 799	1 251	703	39.0
Miscellaneous and not specified operatives	29	29 508	163	1 170	4 012	3 366	3 288	7 372	6 910	1 919	969	339	38.7
Manufacturing	26	27 119	116	1 024	3 714	3 135	3 106	6 823	6 341	1 735	854	271	38.6
Durable goods	12	17 277	56	626	2 412	1 965	2 127	4 416	3 964	1 044	496	171	38.3
Machinery, including electrical	5	9 057	9	365	1 219	1 019	1 158	2 392	2 078	499	228	90	38.2
Other durable goods	7	8 220	47	261	1 193	946	969	2 024	1 886	545	268	81	38.4
Nondurable goods, including not specified manufacturing	14	9 842	60	398	1 302	1 170	979	2 407	2 377	691	358	100	39.2
Food and kindred products	—	1 212	20	40	137	124	76	273	359	80	72	31	42.7
Apparel and other fabricated textile products	3	736	14	32	130	40	73	140	194	64	49	—	40.6
Nonmanufacturing industries	3	2 389	47	146	298	231	182	549	569	184	115	68	40.3
Transport equipment operatives	13	2 992	12	79	239	249	423	939	597	185	105	164	40.3
Laborers, except farm	144	9 412	348	616	1 348	904	907	2 170	1 784	667	395	273	37.7
Farmers and farm managers	10	2 067	15	23	58	31	115	390	543	297	244		

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 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													
Negro													
Male employed													
Professional, technical, and kindred workers	12	67 838	1 398	2 856	7 792	8 219	7 260	15 704	13 701	5 283	3 440	2 185	39.1
Engineers	—	3 583	24	64	575	635	477	785	571	215	78	159	35.2
Lawyers and judges	—	192	—	—	45	42	41	31	15	4	—	—	31.1
Life and physical scientists	—	29	—	—	—	—	—	9	4	—	—	—	—
Physicians, dentists, and related practitioners	—	100	—	—	13	17	11	43	16	—	—	—	—
Health workers, except practitioners	—	214	—	—	—	—	5	77	42	27	15	48	51.0
Social and recreation workers	—	190	4	—	41	21	14	58	41	5	—	6	37.6
Teachers	6	200	—	16	47	37	5	41	26	20	4	4	30.0
Technicians, except health	—	935	5	13	93	254	142	215	137	52	10	14	33.6
Writers, artists, and entertainers	—	485	10	7	131	81	74	90	57	25	6	4	30.9
Other professional, technical, and kindred workers	6	254	5	5	63	30	35	56	40	9	4	7	33.4
Managers and administrators, except farm	—	984	—	23	142	153	150	165	193	63	35	60	36.5
Managers and administrators, except farm	5	1 748	15	15	116	182	189	461	391	200	97	82	42.7
Salaries	—	1 235	15	15	102	172	153	287	249	154	64	24	40.6
Manufacturing	5	153	5	—	13	42	25	16	22	17	13	—	33.3
Retail trade	—	228	—	11	37	36	20	31	31	48	—	—	36.2
All other industries	—	854	10	4	52	94	108	240	196	89	51	10	41.6
Self-employed	—	513	—	—	14	10	36	174	142	46	33	58	46.6
Retail trade	—	172	—	—	5	4	—	56	51	20	11	21	48.3
All other industries	—	341	—	—	9	6	32	118	91	26	22	37	45.4
Sales workers	170	1 131	116	97	76	196	71	250	185	51	22	63	35.4
Manufacturing and wholesale trade	159	254	48	21	12	36	20	48	37	14	—	—	32.5
Retail trade	5	579	68	76	46	85	13	126	86	23	11	45	35.1
All other industries	6	298	—	—	18	75	38	76	62	14	15	—	37.4
Clerical and kindred workers	27	4 559	87	250	685	593	446	1 071	1 007	237	127	56	37.0
Bookkeepers and billing clerks	—	152	—	5	—	54	9	28	56	—	—	—	37.9
Mail handlers and postal clerks	4	1 384	12	34	196	120	129	384	416	57	23	13	40.2
Other clerical and kindred workers	23	3 023	75	211	489	419	308	659	535	180	104	43	35.1
Craftsmen and kindred workers	50	12 287	38	332	1 085	1 526	1 542	3 432	2 788	759	599	186	39.7
Carpenters	—	286	—	5	23	20	18	64	79	30	29	18	46.6
Construction craftsmen, except carpenters	10	2 292	5	63	165	295	219	649	557	149	135	55	41.1
Automobile mechanics, including body repairmen	—	1 003	16	25	61	115	139	268	269	55	40	15	40.4
Mechanics and repairmen, except auto	4	1 303	5	36	116	183	188	386	227	92	50	20	38.2
Machinists	—	355	—	—	33	68	49	110	70	20	5	—	37.5
Metal craftsmen, except mechanics and machinists	—	1 671	—	20	130	169	244	402	484	108	93	21	41.8
Foremen, n.e.c.	—	1 160	—	—	26	86	191	459	257	70	71	—	41.0
Other craftsmen and kindred workers	36	4 217	12	183	531	590	494	1 094	845	235	176	57	37.7
Operatives, except transport	76	18 600	196	740	2 566	2 532	2 108	4 456	3 717	1 296	758	231	37.6
Assemblers	—	1 809	2	41	317	413	247	421	275	77	7	9	32.7
Garage workers and gas station attendants	10	437	58	50	100	35	27	39	93	22	4	9	26.5
Laundry and drycleaning operatives, including ironers	—	420	14	27	33	18	27	92	129	28	41	11	44.9
Precision machine operatives	—	1 206	—	21	157	215	210	274	175	79	48	27	35.0
Other operatives, except transport	66	14 728	122	601	1 959	1 851	1 597	3 630	3 045	1 090	658	175	38.4
Durable goods, manufacturing	29	11 559	21	412	1 349	1 448	1 274	2 817	2 325	870	530	113	38.8
Nondurable goods, including not specified manufacturing	5	2 022	42	110 ¹	268	188	451	405	405	120	40	21	35.6
Nonmanufacturing industries	32	1 547	59	79	233	135	135	362	315	100	88	41	38.7
Transport equipment operatives	17	4 914	17	117	461	502	633	1 468	968	343	277	128	40.0
Truck drivers	4	2 214	11	37	163	191	246	672	555	172	121	46	41.8
Other transport equipment operatives	13	2 700	6	80	298	311	387	796	413	171	156	82	38.4
Laborers, except farm	144	10 219	362	641	1 365	1 177	861	1 905	2 045	924	590	349	38.7
Construction laborers	5	1 608	19	28	114	208	105	435	403	157	98	41	42.6
Freight, stock, and material handlers	30	2 637	200	241	428	316	222	423	502	153	69	83	33.0
Other laborers, except farm	109	5 974	143	372	823	653	534	1 047	1 140	614	423	225	39.4
Manufacturing industries	40	3 830	5	273	578	497	414	700	705	353	258	47	37.1
Formers and farm managers	—	128	—	—	16	22	20	17	18	15	20	—	48.5
Farm laborers and farm foremen	4	178	4	10	42	26	28	13	25	—	5	25	31.3
Service workers, except private household ¹	291	10 389	534	585	821	834	877	1 838	1 971	1 204	859	866	43.4
Cleaning service workers	133	5 877	199	335	392	362	350	938	1 247	883	609	562	47.9
Food service workers	84	1 281	261	151	95	85	81	207	160	109	66	66	33.0
Health service workers	—	383	35	44	81	45	42	63	24	—	—	—	28.5
Personal service workers	12	579	11	24	23	54	41	132	122	65	38	69	45.4
Protective service workers	—	1 171	—	—	99	183	218	247	163	75	73	113	38.5
Private household workers	3	102	5	5	—	—	6	5	16	36	9	20	56.9
Female employed													
Professional, technical, and kindred workers	335	53 572	1 186	2 610	7 957	6 388	5 949	12 514	9 903	3 361	2 097	1 607	37.2
Registered nurses	27	5 835	67	108	781	963	785	1 511	1 003	317	196	104	36
Health workers, except nurses	—	756	—	4	73	144	98	206	134	65	24	8	37.9
Teachers, elementary and secondary schools	13	698	26	5	117	83	126	178	130	28	—	—	34.7
Teachers, elementary and secondary schools	5	2 607	30	21	306	464	331	709	457	128	94	67	37.1
Technicians, except health	—	101	—	—	40	22	—	32	4	—	—	—	27.4
Other professional, technical, and kindred workers	9	1 673	11	78	245	250	230	386	279	92	73	29	35.6
Managers and administrators, except farm	—	748	8	17	32	75	91	213	136	76	59	41	42.1
Salaries	—	628	8	17	32	59	91	201	125	47	29	19	40.3
Self-employed	—	120	—	—	—	16	—	12	11	29	30	22	58.6
Sales workers	43	1 537	137	120	193	147	154	327	294	85	43	37	35.5
Retail trade	23	1 301	127	103	163	119	136	265	260	66	31	31	35.1
Clerical and kindred workers	54	12 379	469	1 256	3 246	1 744	1 317	2 385	1 401	351	141	69	28.5
Bookkeepers and cashiers	14	1 607	83	156	316	257	137	400	163	57	33	5	29.8
Office machine operators	—	924	8	86	274	211	150	142	47	6	—	—	27.2
Secretaries, stenographers, and typists	3	2 944	120	316	926	465	327	413	273	82	7	15	26.2
Other clerical and kindred workers	37	6 904	258	698	1 730	811	703	1 430	918	206	101	49	29.7
Craftsmen and kindred workers	—	1 037	11	52	112	177	113	270	152	29	75	46	37.0
Operatives, except transport	65	8 743	49	290	1 444	1 346	1 327	2 306	1 503	276	128	74	34.7
Sewers and stitchers	—	483	—	4	46	56	69	155	118	25	10	—	39.3
Laundry and drycleaning operatives, including ironers	10	1 261	17	41	104	82	203	299	371	89	42	13	41.1
Other operatives, except transport	55	6 999	32	245	1 294	1 058	1 055	1 852	1 014	162	76	61	33.4
Durable goods, manufacturing	29	4 698	10	176	870	850	774	1 247	631	97	23	20	32.9
Nondurable goods, including not specified manufacturing	19	1 306	6	53	251	254	177	346	162	23	28	6	32.5
Nonmanufacturing industries	7	995	16	16	173	104	104	259	221	42	25	35	38.3
Transport equipment operatives	—	211	—	—	30	20	27	35	43	20	4	32	43.1
Laborers, except farm	8	1 015	36	82	200	125	93	273	116	45	36	9	33.5
Farmers and farm managers	—	102	—	—	18	—	15	22	36	7	4	—	43.2
Farm laborers and farm foremen	—												

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

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

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

THE STATE—Continued

Persons of Spanish Language

	Persons 14 and 15 years old	Persons 16 years old and over											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	163	14 770	425	711	2 075	2 422	1 813	3 961	2 171	621	398	173	34.8
Professional, technical, and kindred workers	12	1 388	13	6	212	285	224	403	158	38	29	20	34.0
Engineers	—	184	—	—	29	30	38	67	11	5	4	—	34.3
Lawyers and judges	—	61	—	—	—	—	16	29	8	—	—	—	—
Life and physical scientists	—	71	—	—	5	11	29	21	—	5	—	—	—
Physicians, dentists, and related practitioners	—	141	—	—	8	—	12	74	38	—	—	9	41.8
Health workers, except practitioners	—	33	—	—	19	6	—	8	—	—	—	—	—
Social and recreation workers	—	8	8	—	—	—	—	—	—	—	—	—	—
Teachers	12	363	—	—	61	101	65	73	47	7	9	—	31.5
Technicians, except health	—	144	5	—	46	38	6	42	—	—	—	—	27.8
Writers, artists, and entertainers	—	55	—	6	—	11	6	12	11	—	9	—	—
Other professional, technical, and kindred workers	—	328	—	—	44	88	52	77	43	13	—	11	33.1
Managers and administrators, except farm	—	785	—	11	69	155	141	201	121	47	30	10	35.8
Saloried	—	641	—	—	61	135	128	166	93	29	24	5	34.9
Manufacturing	—	137	—	—	6	28	25	39	21	7	7	5	37.4
Retail trade	—	175	—	—	17	62	40	27	22	7	—	—	31.1
All other industries	—	329	—	—	38	45	63	100	50	16	17	—	36.9
Self-employed	—	144	—	11	8	20	13	35	28	18	6	5	40.7
Retail trade	—	98	—	5	8	14	13	35	13	7	—	—	—
All other industries	—	46	—	6	—	6	—	—	15	11	—	—	—
Sales workers	53	509	38	67	69	68	66	111	41	22	13	14	30.9
Manufacturing and wholesale trade	46	149	6	13	16	10	36	47	15	6	—	—	34.1
Retail trade	7	195	32	47	19	14	7	35	20	7	8	6	24.9
All other industries	—	165	—	7	34	44	23	29	6	9	5	8	29.7
Clerical and kindred workers	—	803	34	28	144	185	119	141	92	31	23	6	30.4
Bookkeepers and billing clerks	—	39	—	—	14	6	13	—	—	—	—	6	—
Mail handlers and postal clerks	—	36	—	—	—	—	—	22	14	—	—	—	—
Other clerical and kindred workers	—	728	34	28	130	179	106	119	78	31	23	—	29.8
Craftsmen and kindred workers	9	3 362	—	83	343	575	435	1 110	619	96	78	23	37.2
Carpenters	—	69	—	—	6	19	19	14	8	—	—	3	—
Construction craftsmen, except carpenters	—	611	—	20	85	112	71	173	112	16	22	—	36.0
Automobile mechanics, including body repairmen	—	184	—	—	34	28	33	45	26	13	5	—	34.5
Mechanics and repairmen, except auto	—	359	—	6	32	103	18	93	94	—	—	13	37.2
Machinists	—	108	—	18	—	37	9	23	21	—	—	—	29.9
Metal craftsmen, except mechanics and machinists	—	468	—	15	31	77	73	142	96	13	21	—	37.7
Foremen, n.e.c.	—	454	—	—	13	51	67	209	93	9	12	—	39.6
Other craftsmen and kindred workers	9	1 109	—	24	142	148	145	411	169	45	18	7	37.3
Operatives, except transport	5	3 485	26	172	573	583	417	930	465	180	94	45	34.7
Assemblers	—	184	—	6	57	41	17	27	30	6	—	—	28.5
Garage workers and gas station attendants	—	43	—	5	21	—	—	8	—	9	—	—	—
Laundry and drycleaning operatives, including ironers	—	13	—	—	7	6	—	—	—	—	—	—	—
Precision machine operatives	—	196	—	12	18	55	38	50	16	—	—	7	31.7
Other operatives, except transport	5	3 049	26	149	470	481	362	845	419	165	94	38	35.4
Durable goods, manufacturing	5	2 352	15	90	350	317	316	668	339	138	87	32	36.3
Nondurable goods, including not specified manufacturing	—	371	7	43	67	78	39	77	38	22	—	—	29.4
Nonmanufacturing industries	—	326	4	16	53	86	7	100	42	5	7	6	32.8
Transport equipment operatives	6	774	18	14	125	118	117	186	148	15	18	15	34.8
Truck drivers	6	264	—	6	28	56	32	63	53	15	4	7	36.6
Other transport equipment operatives	—	510	18	8	97	62	85	123	95	—	14	8	34.1
Laborers, except farm	39	2 250	147	214	367	244	196	550	325	112	83	12	33.9
Construction laborers	—	272	—	15	56	71	51	41	33	—	5	—	29.6
Freight, stock, and material handlers	23	670	122	62	131	63	53	161	54	17	—	—	26.6
Other laborers, except farm	16	1 308	25	137	180	110	92	348	238	95	71	12	38.2
Manufacturing industries	—	1 049	11	124	149	75	87	268	218	77	40	—	37.9
Farmers and farm managers	—	65	—	—	9	14	5	21	11	—	5	—	—
Farm laborers and farm foremen	7	222	18	12	28	40	15	69	26	7	—	7	34.3
Service workers, except private household ¹	32	1 121	131	104	136	155	78	233	165	73	25	21	32.2
Cleaning service workers	10	629	38	68	68	52	16	162	114	65	25	21	39.5
Food service workers	14	175	74	36	13	5	12	6	29	—	—	—	18.8
Health service workers	—	9	—	—	—	—	—	—	9	—	—	—	—
Personal service workers	—	54	—	—	16	6	9	23	—	—	—	—	—
Protective service workers	—	178	—	—	12	81	41	30	6	8	—	—	29.8
Private household workers	—	6	—	—	—	—	—	6	—	—	—	—	—
Female employed	144	6 415	345	518	1 375	977	710	1 503	687	201	42	57	30.0
Professional, technical, and kindred workers	—	846	12	19	241	134	98	228	71	20	16	7	30.9
Registered nurses	—	98	—	—	21	32	22	18	—	5	—	—	—
Health workers, except nurses	—	133	—	—	64	14	17	26	12	—	—	—	25.9
Teachers, elementary and secondary schools	—	301	—	—	77	56	20	89	43	—	9	7	34.4
Technicians, except health	—	40	5	8	7	5	—	15	—	—	—	—	—
Other professional, technical, and kindred workers	—	274	7	11	72	27	39	80	16	15	7	—	32.6
Managers and administrators, except farm	—	93	—	—	12	19	16	36	6	4	—	—	—
Saloried	—	68	—	—	12	19	10	21	6	—	—	—	—
Self-employed	—	25	—	—	—	—	6	15	—	4	—	—	—
Sales workers	26	403	53	46	68	34	19	93	66	18	—	6	30.1
Retail trade	14	367	49	46	68	28	19	71	62	18	—	6	28.7
Clerical and kindred workers	23	2 110	118	278	603	297	256	347	141	53	6	11	25.9
Bookkeepers and cashiers	—	407	68	42	42	52	68	85	37	13	—	—	30.0
Office machine operators	—	88	—	—	15	35	—	24	9	—	—	—	—
Secretaries, stenographers, and typists	—	647	7	93	264	130	72	55	12	14	—	—	24.2
Other clerical and kindred workers	—	968	43	128	262	115	111	183	83	24	6	11	27.2
Craftsmen and kindred workers	—	153	—	6	26	8	31	38	32	12	—	—	36.4
Operatives, except transport	12	1 180	—	50	151	266	117	412	144	22	—	18	35.1
Sewers and slitchers	—	133	—	—	9	54	—	49	21	—	—	—	35.7
Laundry and drycleaning operatives, including ironers	—	69	—	7	—	5	10	22	25	—	—	—	—
Other operatives, except transport	12	978	—	43	142	207	107	341	98	22	—	18	34.5
Durable goods, manufacturing	7	519	—	27	72	113	62	183	54	8	—	—	33.8
Nondurable goods, including not specified manufacturing	5	321	—	7	59	63	45	115	25	—	—	7	33.5
Nonmanufacturing industries	—	138	—	9	11	31	—	43	19	14	—	11	39.2
Transport equipment operatives	—	6	—	—	6	—	—	—	—	—	—	—	—
Laborers, except farm	—	129	24	—	21	22	23	25	14	—	—	—	29.4
Farmers and farm managers	—	7	—	—	—	—	—	—	7	—	—	—	—
Farm laborers and farm foremen	18	99	21	8	22	—	14	—	27	7	—	—	—
Service workers, except private household ¹	41	1 279	117	111	218	168	124	304	167	45	17	8	31.0
Cleaning service workers	7	423	17	15	18	—	35	81	28	13	6	—	37.7
Food service workers	14	214	65	42	71	55	33	89	44	17	—	8	28.1
Health service workers	—	315	18	27	59	65	26	93	27	—	—	—	29.1
Practical nurses	—	36	—	—	4	16	7	9	—	—	—	—	—
Personal service workers													

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	39.5
Electrical and electronic	—	1 380	—	10	83	233	202	361	286	117	66	22	38.9
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	—	5	122	202	112	413	319	154	98	125	43.0
Social scientists	—	662	—	3	54	121	108	226	86	22	21	21	37.1
Social and recreation workers	—	587	26	13	78	114	99	81	72	26	39	39	33.2
Teachers	9	6 687	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	30.3
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	1 464	1 684	1 927	4 140	3 842	1 463	1 130	529	41.7
Carpenters	11	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	—	9	146	234	508	985	933	309	233	72	43.3
Linemen and servicemen, telephone and power	—	2 390	5	71	492	500	385	534	283	41	72	7	31.6
Locomotive engineers and firemen	—	665	—	12	72	54	55	103	203	53	80	33	46.8
Mechanics and repairmen	20	15 871	167	536	1 719	2 020	2 005	3 835	3 410	1 117	784	278	38.9
Air conditioning, heating, and refrigeration	—	918	—	27	80	149	113	239	192	70	28	20	38.8
Aircraft	—	412	—	10	38	43	37	118	114	21	21	10	41.6
Automobile, including body	10	5 962	104	305	740	716	799	1 404	1 202	344	266	82	37.3
Radio and television	—	740	14	31	58	101	70	197	172	54	38	5	39.9
Other mechanics and repairmen	10	7 839	49</										

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		
CINCINNATI, OHIO-KY.-IND., SMSA—Continued														
Total—Continued														
Male employed—Continued														
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	17	25	10	36	4	—	10	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	8 634	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	—		...
Communication, 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							

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.....	—	217	—	5	58	23	11	32	56	22	10	—	38.6
Registered nurses.....	—	5 193	—	8	1 022	823	526	1 070	985	345	231	183	37.0
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	44.5
Other specified managers and administrators.....	—	1 292	—	24	133	120	123	262	294	141	90	105	44.4
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	414	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	188	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	511	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 sitchers.....	—	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	—	—	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.....	—	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	6 794	3 012	2 027	1 418	46.1
Cleaning service workers.....	25	4 191	100										

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

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
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
Engineers	—	140	—	—	8	39	23	24	33	13	—	—
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	—	—	7
Social and recreation workers	—	143	8	11	36	21	30	16	14	—	—	—
Teachers	5	394	12	—	96	66	57	85	32	31	11	4
Technicians, except health	—	274	—	26	116	82	8	19	18	—	5	—
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
Managers and administrators, except farm	—	722	—	4	43	134	57	209	165	58	41	11
Salaried	—	572	—	4	37	123	37	170	123	38	29	11
Manufacturing	—	55	—	—	—	21	12	10	6	6	—	—
Retail trade	—	141	—	—	19	57	6	28	13	5	13	—
All other industries	—	376	—	4	18	45	19	132	104	27	16	11
Self-employed	—	150	—	—	6	11	20	39	42	20	12	—
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	—
Manufacturing and wholesale trade	7	119	10	6	10	16	44	22	6	5	—	—
Retail trade	5	269	31	32	29	47	32	41	24	16	17	—
All other industries	—	131	—	—	19	29	32	27	12	5	7	—
Clerical and kindred workers	41	2 875	58	144	420	413	297	637	539	161	162	44
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
Other clerical and kindred workers	41	1 773	47	119	337	316	130	291	267	98	136	32
Craftsmen and kindred workers	14	3 617	11	102	316	371	482	862	809	299	273	92
Carpenters	—	84	—	5	6	—	12	25	19	11	—	6
Construction craftsmen, except carpenters	—	826	11	10	66	37	117	195	244	50	81	15
Automobile mechanics, including body repairmen	—	393	—	11	46	42	51	101	73	28	31	8
Mechanics and repairmen, except auto	—	391	—	4	46	56	31	103	88	22	25	16
Machinists	—	152	—	—	9	15	38	23	29	16	22	—
Metal craftsmen, except mechanics and machinists	—	256	—	—	14	20	47	29	69	43	29	5
Foremen, n.e.c.	—	401	—	9	16	34	49	135	91	31	27	9
Other craftsmen and kindred workers	14	1 114	—	63	111	167	137	251	196	98	58	33
Operatives, except transport	18	6 320	91	256	983	910	797	1 341	1 094	444	273	131
Assemblers	3	1 349	18	114	303	266	155	212	162	85	25	9
Garage workers and gas station attendants	4	166	—	17	19	14	11	59	31	9	—	6
Laundry and drycleaning operatives, including ironers	4	187	14	5	11	11	3	45	62	20	11	5
Precision machine operatives	—	304	—	7	19	34	67	106	54	—	10	7
Other operatives, except transport	7	4 314	59	113	631	585	561	919	785	330	227	104
Durable goods, manufacturing	4	2 410	11	38	347	433	346	499	409	176	128	23
Nondurable goods, including not specified manufacturing	—	1 170	14	53	201	113	133	306	158	97	42	53
Nonmanufacturing industries	3	734	34	22	83	39	82	114	218	57	57	28
Transport equipment operatives	—	2 068	24	48	132	180	276	524	501	179	117	87
Truck drivers	—	1 151	3	—	55	65	160	359	296	136	40	37
Other transport equipment operatives	—	917	21	48	77	115	116	165	205	43	77	50
Laborers, except farm	27	4 456	104	98	443	403	365	925	1 075	444	377	222
Construction laborers	—	1 121	—	—	54	75	72	227	371	133	168	21
Freight, stock, and material handlers	15	1 244	66	50	181	136	120	230	251	110	80	20
Other laborers, except farm	12	2 091	38	48	208	192	173	468	453	201	129	181
Manufacturing industries	6	514	—	21	75	67	61	102	120	40	22	6
Farmers and farm managers	—	19	5	—	—	—	4	—	—	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
Cleaning service workers	28	2 706	120	93	149	126	115	637	699	281	238	248
Food service workers	24	1 003	146	98	111	96	59	195	139	58	49	52
Health service workers	—	333	21	25	55	19	52	94	40	17	4	6
Personal service workers	5	324	14	—	13	17	24	62	50	51	57	36
Protective service workers	10	254	—	—	24	9	37	53	64	27	18	22
Private household workers	12	298	—	5	3	26	17	64	71	9	45	58
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
Registered nurses	—	357	—	—	63	51	72	109	47	11	—	4
Health workers, except nurses	—	257	—	—	52	34	14	97	55	—	—	5
Teachers, elementary and secondary schools	6	894	6	9	94	141	135	239	170	44	38	18
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
Managers and administrators, except farm	—	247	—	—	21	10	13	71	64	18	31	19
Salaried	—	185	—	—	12	10	8	58	42	12	24	19
Self-employed	—	62	—	—	9	—	5	13	22	6	7	—
Sales workers	—	610	22	23	109	58	79	149	94	46	20	10
Retail trade	—	534	22	23	109	58	55	132	73	41	11	10
Clerical and kindred workers	56	5 216	193	550	1 460	844	621	851	476	139	48	34
Bookkeepers and cashiers	8	531	18	29	157	87	95	87	53	9	—	16
Office machine operators	—	508	13	37	204	123	63	56	7	5	—	—
Secretaries, stenographers, and typists	18	1 402	62	114	433	266	156	189	125	45	7	5
Other clerical and kindred workers	30	2 775	100	370	666	388	307	519	291	80	41	13
Craftsmen and kindred workers	4	343	10	7	38	22	45	63	86	35	10	27
Operatives, except transport	—	2 777	36	71	373	416	358	651	589	160	74	49
Sewers and stitchers	—	214	5	16	27	17	29	58	58	4	—	—
Laundry and drycleaning operatives, including ironers	—	582	9	—	47	18	32	185	181	57	33	20
Other operatives, except transport	—	1 981	22	55	299	381	297	408	350	99	41	29
Durable goods, manufacturing	—	736	—	17	111	140	130	167	123	24	13	11
Nondurable goods, including not specified manufacturing	—	747	17	38	138	185	113	147	70	15	17	7
Nonmanufacturing industries	—	498	5	—	50	56	54	94	157	60	11	11
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
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
Cleaning service workers	5	1 721	23	3	58	88	198	406	546	201	116	82
Food service workers	9	2 054	82	55	191	157	209	592	444	172	98	54
Health service workers	—	2 776	45	97	235	372	386	907	481	144	65	44
Practical nurses	—	752	—	—	56	94	115	271	137	30	34	15
Personal service workers	4	620	33	4	25	63	71	157	122	76	43	26
Protective service workers	—	23	—	—	—	—	—	—	7	5	—	—
Private household workers	8	4 082	6	37	91	146	139	659	1 206	745	578	475

¹Includes allocated cases not shown separately.

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

[Data based on a 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**

FORT WAYNE SMSA

Total

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	
Total	898	69 979	2 341	2 857	8 783	8 919	7 197	15 166	13 685	5 146	3 602	2 283	38.2
Male employed	898	69 979	2 341	2 857	8 783	8 919	7 197	15 166	13 685	5 146	3 602	2 283	38.2
Professional, technical, and kindred workers	9	11 107	32	167	1 444	1 912	1 570	2 785	1 949	521	486	241	36.5
Accountants	1	1 082	--	--	148	190	153	231	180	60	56	64	37.2
Architects	--	73	--	--	4	14	--	32	15	--	5	3	...
Computer specialists	--	390	--	--	62	123	57	117	26	--	5	--	30.9
Engineers	--	2 763	--	--	220	427	477	840	524	144	99	32	38.1
Aeronautical and astronautical	--	--	--	--	--	--	--	--	--	--	--	--	--
Civil	--	158	--	--	19	14	35	41	34	--	9	6	37.7
Electrical and electronic	--	1 121	--	--	59	203	218	352	199	63	27	--	37.3
Mechanical	--	494	--	--	31	75	79	140	121	26	22	--	39.4
Other engineers	--	990	--	--	111	135	145	307	170	55	41	26	38.4
Lawyers and judges	--	300	--	--	--	53	52	100	63	4	20	8	39.5
Life and physical scientists	--	150	--	--	31	20	12	51	23	4	5	4	37.4
Chemists	--	99	--	--	20	5	12	32	17	4	5	4	...
Physicians, dentists, and related practitioners	--	604	--	--	9	50	50	197	169	46	38	45	44.8
Dentists	--	74	--	--	--	10	--	39	10	5	--	10	...
Pharmacists	--	136	--	--	5	29	9	25	31	4	24	9	45.0
Physicians, medical and osteopathic	--	304	--	--	4	--	25	109	104	37	9	16	46.3
Other related practitioners	--	90	--	--	--	11	16	24	24	--	5	10	...
Health technologists and technicians	--	95	--	9	28	13	20	20	5	--	--	--	...
Religious workers	--	359	7	--	14	--	55	111	68	34	37	33	44.3
Social scientists	--	107	--	--	13	32	5	34	19	--	4	--	36.0
Social and recreation workers	--	87	--	--	28	14	15	20	4	--	6	--	...
Teachers	--	1 615	--	25	216	392	308	277	227	100	52	18	32.8
College and university	--	361	--	5	26	89	90	57	61	27	6	--	33.4
Elementary and prekindergarten	--	401	--	20	72	119	66	71	39	--	6	8	29.6
Secondary	--	776	--	--	107	173	142	139	121	54	40	--	33.8
Engineering and science technicians	1 508	44	400	262	162	279	236	65	55	5	5	5	31.5
Draftsmen and surveyors	--	693	--	39	157	117	76	167	98	13	26	--	32.2
Electrical and electronic engineering technicians	--	471	--	5	178	94	51	61	54	10	18	--	27.8
Technicians, except health, and engineering and science	5	192	3	--	34	13	9	41	78	5	9	--	44.0
Airplane pilots	--	65	--	--	9	--	5	5	46	--	--	--	...
Writers, artists, and entertainers	--	727	16	45	75	138	48	179	133	39	34	20	37.3
Other professional, technical, and kindred workers	4	1 055	6	44	162	171	147	256	179	20	61	9	34.9
Managers and administrators, except farm	4	8 150	--	31	546	748	872	2 205	2 190	754	467	337	43.5
Buyers, purchasing agents, and sales managers	--	1 411	--	--	157	114	160	397	356	112	72	43	41.9
School administrators	--	163	--	--	4	10	14	56	36	34	9	--	44.6
Specified managers and administrators, public administration	--	1 480	--	--	5	11	16	41	33	42	29	30	54.2
Other specified managers and administrators	--	1 480	--	11	133	196	166	317	435	80	70	71	42.4
Managers and administrators, n.e.c., salaried	4	4 052	--	17	230	360	416	1 219	1 083	369	245	133	43.2
Manufacturing	4	1 215	--	--	36	75	100	453	382	92	58	19	43.8
Wholesale and retail trade	--	1 190	--	9	105	150	112	274	316	91	79	54	43.0
Transportation, communications, and other public utilities	--	508	--	4	44	55	68	156	89	55	31	6	40.3
All other industries	--	1 139	--	4	45	80	136	336	276	131	77	54	44.1
Managers and administrators, n.e.c., self-employed	--	837	--	3	17	57	99	175	267	117	42	60	47.5
Construction	--	200	--	--	6	16	28	46	58	31	15	--	45.7
Manufacturing	--	81	--	--	--	--	5	--	63	9	--	4	...
Wholesale and retail trade	--	395	--	3	11	31	48	93	96	65	16	32	46.2
All other industries	--	161	--	--	--	10	18	36	50	12	11	24	48.3
Sales workers	315	5 304	258	159	512	619	640	1 109	1 012	389	338	268	39.2
Insurance agents, brokers, and underwriters	6	699	--	5	72	86	113	131	174	24	44	50	40.6
Real estate agents and brokers	--	317	--	--	--	12	21	86	91	26	47	34	49.3
Sales representatives, manufacturing industries	--	665	--	--	62	121	112	171	97	54	25	23	37.2
Sales representatives, wholesale trade	6	1 098	10	11	93	139	125	299	246	79	76	20	40.7
Sales clerks, retail trade	21	1 005	129	95	165	97	81	99	128	88	80	43	31.0
Salesmen, retail trade	6	690	--	29	69	80	54	163	139	57	35	64	41.9
Salesmen of services and construction	--	295	7	5	26	30	58	56	69	20	15	9	38.8
Other sales workers	276	535	112	14	25	54	76	104	68	41	16	25	34.1
Clerical and kindred workers	5	5 136	144	223	709	697	513	964	992	404	323	167	37.9
Bank tellers and cashiers	--	159	4	25	36	10	21	34	12	12	5	--	31.1
Bookkeepers and billing clerks	--	396	5	--	62	37	27	72	80	30	51	32	44.3
Mail handlers and postal clerks	--	614	28	24	48	20	29	181	221	49	10	4	43.7
Other clerical and kindred workers	5	3 967	107	174	563	630	436	677	679	313	257	131	36.1
Craftsmen and kindred workers	18	14 519	128	453	1 839	1 953	1 441	3 394	3 125	1 198	722	266	39.3
Apparel craftsmen and upholsterers	--	68	--	--	5	10	--	6	17	6	21	3	...
Bakers	--	116	--	--	5	--	11	37	31	21	11	--	46.6
Cabinetmakers	--	75	--	--	5	10	5	26	12	6	5	6	...
Construction craftsmen	3 187	28	72	334	417	335	804	705	270	150	72	40.1	
Carpenters	--	966	21	34	79	73	82	207	263	125	40	42	44.4
Excavating, grading, and road machine operators	--	197	--	10	9	49	31	50	26	--	22	--	34.9
Electricians	--	653	--	9	89	124	104	167	114	28	12	6	35.0
Masons and tile setters	--	220	--	--	41	42	10	50	57	14	6	4	38.4
Painters, construction and maintenance, and paperhangers	--	345	7	12	25	14	29	82	66	62	39	9	45.5
Plasterers and cement finishers	--	131	--	4	14	10	4	62	32	--	--	5	40.4
Plumbers and pipe fitters	--	471	--	--	57	71	50	121	110	38	14	10	39.8
Other construction craftsmen	--	204	--	3	20	34	25	65	37	3	17	--	38.1
Foremen, n.e.c.	--	2 478	--	31	105	256	250	659	785	226	127	39	44.1
Manufacturing	--	1 601	--	17	62	168	179	444	492	133	95	11	43.4
Nonmanufacturing industries	--	877	--	14	43	88	71	215	293	93	32	28	45.3
Linemen and servicemen, telephone and power	--	652	--	51	152	154	80	121	46	30	18	--	29.0
Locomotive engineers and firemen	--	243	--	--	49	28	5	8	94	13	35	11	48.4
Mechanics and repairmen	--	3 515	26	141	572	504	405	878	615	216	113	45	36.2
Air conditioning, heating, and refrigeration	--	140	--	--	4	4	5	48	17	14	6	10	40.2
Aircraft	--	27	--	--	4	10	--	18	--	--	--	--	...
Automobile, including body	--	1 760	11	65	280	247	229	440	316	130	31	11	36.1
Radio and television	--	259	4	28	62	36	14	71	31	--	8	5	29.9
Other mechanics and repairmen	--	1 319	11	43	222	206	126	301	251	72	68	19	36.7
Metal craftsmen, except mechanics	--	2 136	12	50	307	337	186	412	438	240	123	31	39.3
Machinists and job and die setters	--	791	7	22	132	140	100	148	122	68	38	14	

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	
FORT WAYNE SMSA—Continued													
Total—Continued													
Male employed—Continued													
Operatives, except transport													62
Assemblers	10	1 489	5	63	274	261	162	349	255	72	41	7	34.4
Checkers, examiners, and inspectors, manufacturing		1 200		9	109	140	92	201	359	183	95	12	46.4
Garage workers and gas station attendants	7	638	190	165	88	40	45	21	14			34	19.6
Laundry and drycleaning operatives, n.e.c.		113	18		11	26	6	30	13	4	5		31.3
Meat cutlers and butchers		260	5	10	29	39	18	35	70	13	23	18	43.3
Mine operatives, n.e.c.		11					6		5				
Packers and wrappers, except produce		329	20	37	60	27	17	59	63	28	18		35.6
Painters, manufactured articles		233		16	27	36	24	45	44	26	15		38.0
Precision machine operatives		1 392		24	163	254	153	277	245	149	86	41	38.7
Sawyers		44		4	15	5		5	5		10		
Stationary firemen		98				13	12	11	27	24	6	5	
Textile operatives		18		10	4			4					
Welders and flamecutters		710		29	93	108	68	158	147	48	47	12	38.6
Other metalworking operatives		528	7	20	104	98	47	92	74	54	28	4	33.7
Other specified operatives	45	1 630	35	106	297	248	119	340	231	112	98	44	35.3
Miscellaneous and not specified operatives		3 101	43	155	578	474	347	605	569	202	90	38	34.3
Occupation:													
Machine operatives, miscellaneous specified		1 229	14	75	248	213	129	215	219	78	21	17	32.5
Machine operatives, not specified		834	4	29	159	139	106	183	126	49	29	10	34.1
Miscellaneous operatives		608	11	30	97	81	61	150	99	47	25	7	36.6
Not specified operatives		430	14	21	74	41	51	57	125	28	15	4	37.5
Industry:													
Manufacturing		2 731	26	140	483	422	315	542	504	187	81	31	34.7
Durable goods		1 907	5	75	301	239	209	434	423	131	63	27	37.9
Wood products, including furniture		25			11		6	8					
Primary metal industries		540		13	74	72	53	135	147	32	8	6	39.3
Fabricated metal industries		46	5		18		4	19					
Machinery, including electrical		812		51	125	82	81	157	186	78	31	21	39.3
Motor vehicles and equipment		407		4	54	79	65	106	66	18	15		35.1
Transportation equipment, except motor vehicles		6				6							
Other durable goods		71		7	19			17	16	3	9		
Nondurable goods		791	21	60	177	183	106	95	71	56	18	4	28.8
Food and kindred products		243	9	15	34	34	29	42	23	51	6		35.1
Apparel and other fabricated textile products													
Paper and allied products		110		13	7	30	5	24	20	5	6		35.0
Chemicals and allied products		15						4	5				
Other nondurable goods		423	12	32	136	119	66	25	23		6	4	26.3
Not specified manufacturing industries		33		5	5			13	10				
Nonmanufacturing industries		370	17	15	95	52	32	63	65	15	9	7	30.9
Transportation, communications, and other public utilities		59			13	9	5	14	14	4			
Wholesale and retail trade		190	17		47	24	27	33	23	7	9	3	31.3
All other industries		121		15	35	19		16	28	4		4	27.8
Transport equipment operatives	5	4 018	54	191	451	451	426	1 041	892	299	131	82	39.2
Bus drivers		118			29	7		23	17	13	24	5	45.0
Taxicab drivers and chauffeurs		50				13		11	13	6		7	
Truck drivers and deliverymen	5	2 816	48	124	273	321	312	735	660	238	67	38	39.5
Other transport equipment operatives		1 034	6	67	149	110	114	272	202	42	40	32	37.6
Laborers, except farm	140	3 813	697	540	665	366	285	460	389	198	118	95	25.1
Construction laborers	6	476	24	43	71	67	40	102	61	41	16	11	34.1
Freight, stock, and material handlers	52	2 073	538	358	363	163	143	155	179	76	58	40	21.9
Other specified laborers	68	669	71	77	120	57	52	118	78	39	26	31	30.9
Miscellaneous and not specified laborers	14	595	64	62	111	79	50	85	71	42	18	13	28.8
Occupation:													
Miscellaneous laborers		214		30	9	34	22	45	31	17	13	13	37.7
Not specified laborers	14	381	64	32	102	45	28	40	40	25	5		24.6
Industry:													
Manufacturing		275	6	37	71	47	40	44	14	10	6		27.5
Durable goods		215		19	62	29	40	40	14	5	6		29.6
Wood products, including furniture													
Metal industries		93		9	31	17	22	14					
Machinery, including electrical		59		10	18		5	12	9	5			
Transportation equipment		55			5	12	13	14	5		6		
Other durable goods		8			8								
Nondurable goods		56	6	18	9	18							
Food and kindred products		34	6	11		12				5			
Not specified manufacturing industries		4						4					
Nonmanufacturing industries	14	320	58	25	40	32	10	41	57	32	12	13	32.5
Railroads and railway express service		68		16	4	21			9	11	7		
Transportation, except railroads		10							6	4			
Communications, and utilities and sanitary services		51	6		5			12	4	6		13	
Wholesale and retail trade	9	126	38		20	6	10	29	18	5			29.2
All other industries	5	65	14	9	11				20	6	5		
Farmers and farm managers		1 070	12	6	80	73	36	145	261	118	125	214	52.0
Farm laborers and farm foremen	30	194	52	35	37	6	4	9	34	5	5	7	21.4
Paid farm laborers and farm foremen	30	169	41	25	37	6	4	9	34	5	5	3	22.5
Unpaid family workers		25	11	10								4	
Service workers, except private household ¹	310	4 854	636	404	644	325	298	792	708	331	325	391	36.5
Cleaning service workers	90	1 810	153	206	222	104	38	250	327	190	163	157	42.3
Food service workers	194	1 196	448	148	141	41	46	112	116	41	54	49	20.1
Cooks, except private household	39	446	162	91	42	4	12	46	41	9	10	29	19.3
Busboys and dishwashers	100	286	190	26	39					5	17		17.5
Health service workers	8	173		18	97			9	11	11	20	11	23.5
Personal service workers	12	384	28	10	55	39	33	67	64	16	21	51	39.0
Protective service workers		1 011	3		63	110	166	301	156	60	54	98	40.4
Firemen, fire protection		234			4	35	59	90	32	9		5	37.1
Guards and watchmen		324	3		19	4		54	84	46	45	69	54.8
Policemen and detectives		402			40	56	101	151	40	5	9		35.3
Private household workers		20	5		4			6	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

FORT WAYNE 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	497	44 346	1 627	2 853	7 660	4 625	3 556	8 552	8 637	3 215	2 197	1 424	37.2	
Professional, technical, and kindred workers	16	6 246	5	95	1 242	1 025	700	1 267	1 031	368	362	151	35.4	
Accountants.....	—	240	—	6	42	47	11	42	59	24	9	—	38.3	
Computer specialists.....	—	43	—	—	26	11	—	—	—	6	—	—	...	
Librarians.....	—	139	—	—	30	9	10	34	21	27	8	—	41.0	
Mathematical specialists.....	—	22	—	—	6	10	—	6	—	—	—	—	...	
Life and physical scientists.....	—	21	—	—	—	—	5	5	5	—	—	6	...	
Registered nurses, dietitians, and therapists.....	—	1 701	—	26	322	291	172	364	340	98	62	26	36.1	
Dietitians.....	—	29	—	—	—	9	—	14	6	—	—	—	...	
Registered nurses.....	—	1 591	—	21	282	276	166	335	330	93	62	26	36.5	
Health technologists and technicians.....	—	292	—	18	110	77	14	24	10	17	6	16	26.2	
Social scientists.....	—	28	—	—	11	—	—	6	5	—	—	—	...	
Social and recreation workers.....	—	163	—	7	18	29	30	31	20	12	12	4	34.6	
Teachers: College and university.....	—	136	—	—	23	15	18	29	15	12	12	12	39.1	
Elementary and prekindergarten.....	—	1 659	—	—	346	238	235	354	227	74	146	39	35.3	
Secondary.....	—	588	—	—	115	103	72	120	103	36	31	8	35.3	
Other teachers.....	—	5	—	—	—	—	—	—	—	—	—	—	...	
Engineering and science technicians.....	—	123	—	6	29	19	5	24	32	—	8	—	36.0	
Technicians, except health, and engineering and science.....	—	27	—	—	12	4	—	—	5	—	6	—	...	
Writers, artists, and entertainers.....	—	235	—	5	47	52	10	31	43	16	16	15	36.1	
Actors and dancers.....	—	—	—	—	—	—	—	—	—	—	—	—	...	
Authors, editors, and reporters.....	—	56	—	—	18	9	4	20	—	—	—	5	...	
Other professional, technical, and kindred workers.....	—	625	—	20	89	82	102	148	97	41	27	19	36.3	
Managers and administrators, except farm	—	1 334	12	5	73	80	65	273	446	169	137	74	48.6	
Buyers, purchasing agents, and sales managers.....	—	318	7	—	18	23	10	45	121	69	21	4	49.6	
Restaurant, cafeteria, and bar managers.....	—	140	5	—	—	5	4	25	58	28	15	—	50.3	
School administrators.....	—	46	—	—	—	—	3	10	8	7	18	—	...	
Other specified managers and administrators.....	—	286	—	—	26	10	14	57	95	24	29	31	48.8	
Managers and administrators, n.e.c., salaried.....	—	420	—	—	23	42	30	88	129	36	37	35	47.1	
Wholesale and retail trade.....	—	136	—	—	7	25	4	19	27	26	9	19	49.8	
Managers and administrators, n.e.c., self-employed.....	—	124	—	5	6	—	4	48	35	5	17	4	44.8	
Wholesale and retail trade.....	—	53	—	—	6	—	—	17	10	5	11	4	...	
Sales workers	70	3 877	372	333	398	258	241	730	793	311	281	160	39.6	
Demonstrators, hucksters, and peddlers.....	—	293	—	—	21	39	62	99	53	15	4	—	37.5	
Insurance, real estate agents, and brokers.....	—	150	—	—	—	31	7	21	51	9	12	19	48.1	
Sales clerks, retail trade.....	—	2 862	342	281	283	153	121	496	635	244	211	96	40.1	
Salesmen, retail trade.....	—	98	—	9	16	11	8	22	5	5	9	13	...	
Other sales workers.....	—	20	474	30	43	78	24	43	92	49	38	45	37.1	
Clerical and kindred workers	66	16 694	443	1 376	3 644	1 688	1 165	3 078	3 233	1 040	690	337	35.1	
Bank tellers.....	—	285	—	16	71	14	18	110	33	—	17	6	37.1	
Bookkeepers.....	—	1 981	21	74	359	185	126	427	509	137	116	27	40.3	
Cashiers.....	—	1 192	192	241	191	85	67	170	170	75	40	14	24.3	
Counter clerks, except food.....	—	9	280	23	25	41	15	22	54	75	16	9	37.6	
Enumerators and interviewers.....	—	38	—	—	—	4	—	—	—	—	10	5	...	
File clerks.....	—	5	506	52	84	163	20	5	58	70	35	19	23.6	
Office machine operators.....	—	899	—	105	270	132	106	128	90	48	16	4	27.8	
Bookkeeping and billing machine operators.....	—	95	—	20	21	11	13	21	4	5	—	—	...	
Keypunch operators.....	—	562	—	71	178	84	70	70	61	23	5	—	26.9	
Payroll and timekeeping clerks.....	—	202	—	19	92	4	10	50	67	14	6	—	42.2	
Receptionists.....	—	515	31	59	32	4	36	70	124	36	15	16	35.5	
Secretaries.....	—	4 230	15	186	952	587	370	842	824	232	147	75	35.1	
Stenographers.....	—	203	—	10	64	10	10	17	20	17	6	5	36.2	
Telephone operators.....	—	517	10	45	158	39	32	73	110	22	22	6	31.0	
Typists.....	—	1 439	4	187	411	136	100	188	268	59	60	26	29.3	
Other clerical and kindred workers.....	—	27	4 407	95	325	840	421	263	838	916	349	207	153	38.1
Craftsmen and kindred workers	—	889	23	27	108	50	93	220	207	108	25	28	41.5	
Foremen, n.e.c.....	—	118	—	—	10	18	14	28	25	19	4	—	41.1	
Operatives, except transport	32	6 102	91	380	960	733	525	1 307	1 227	467	270	142	37.8	
Assemblers.....	—	1 337	—	144	315	162	107	204	240	81	73	11	32.2	
Bottling and canning operatives.....	—	10	—	—	—	—	—	—	5	—	—	—	...	
Checkers, examiners, and inspectors; manufacturing.....	—	665	6	24	94	111	84	155	97	50	31	13	35.9	
Dressmakers and seamstresses, except factory.....	—	6	157	—	9	5	5	23	42	26	11	36	53.7	
Laundry and dry cleaning operatives, including ironers.....	—	11	433	21	6	26	37	28	90	116	57	20	45.7	
Graders and sorters, manufacturing.....	—	—	—	—	—	—	—	—	—	—	—	—	...	
Packers and wrappers, except produce.....	—	4	478	16	14	58	76	11	152	108	28	10	5	39.2
Sewers and stitchers.....	—	—	164	5	5	6	12	4	41	58	24	5	46.6	
Textile operatives.....	—	—	12	—	7	—	—	—	—	5	—	—	...	
Other specified operatives.....	—	11	1 573	19	104	265	168	158	362	102	79	25	37.0	
Miscellaneous and not specified operatives.....	—	—	1 273	24	76	187	162	128	280	265	94	41	16	37.1
Manufacturing.....	—	—	1 192	13	76	181	156	128	264	240	88	35	11	36.6
Durable goods.....	—	—	877	2	60	147	119	92	195	158	69	30	5	35.9
Machinery, including electrical.....	—	—	657	—	38	107	97	68	154	124	34	30	5	36.2
Other durable goods.....	—	—	220	2	22	40	22	24	41	34	35	—	—	35.0
Nondurable goods, including not specified manufacturing.....	—	—	315	11	16	34	37	36	69	82	19	5	6	38.4
Food and kindred products.....	—	—	61	5	5	4	10	5	—	22	5	—	—	...
Apparel and other fabricated textile products.....	—	—	9	—	—	—	—	—	4	—	—	—	—	...
Nonmanufacturing industries.....	—	—	81	11	—	6	6	—	16	25	6	6	5	...
Transport equipment operatives.....	—	—	244	—	—	26	21	59	65	48	11	10	4	37.5
Laborers, except farm.....	—	9	565	17	47	76	97	78	99	63	49	15	24	32.9
Farmers and farm managers.....	—	—	40	—	—	—	—	—	14	8	9	5	4	...
Farm laborers and farm foremen.....	—	5	57	5	—	15	11	—	4	16	6	—	—	...
Paid farm laborers and farm foremen.....	—	5	32	—	—	15	5	—	—	6	6	—	—	...
Unpaid family workers.....	—	—	25	5	—	—	6	—	4	10	—	—	—	...
Service workers, except private household¹	133	7 314	567	516	1 016	606	594	1 358	1 437	580	315	325	37.6	
Cleaning service workers.....	—	10	763	25	29	36	58	46	142	190	98	66	73	47.4
Chambermaids and maids.....	—	—	166	—	16	—	16	14	44	44	23	5	4	43.4
Food service workers.....	—	67	3 127	477	231	197	200	231	596	633	291	150	121	38.8
Cooks, except private household.....	—	—	3	936	24	11	19	20	201	295	170	71	64	49.5
Waiters and food counter workers.....	—	—	64	1 664	403	179	150	143	303	206	79	34	27	28.5
Health service workers.....	—	—	—											

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

GARY-HAMMOND-EAST CHICAGO 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	1 634	158 529	4 521	6 415	16 850	18 921	16 564	35 133	34 890	13 462	8 220	3 553	39.6
Professional, technical, and kindred workers	21	15 420	72	255	1 830	2 753	1 920	3 506	3 085	983	654	362	37.5
Accountants		1 068	—	22	168	215	159	199	210	62	23	10	34.1
Architects		78	—	—	—	12	14	18	30	4	—	—	...
Computer specialists		303	—	—	40	120	71	58	9	5	—	—	29.6
Engineers		2 677	—	22	192	416	319	658	686	213	139	32	40.9
Aeronautical and astronautical		—	—	—	—	—	—	—	—	—	—	—	—
Civil		433	—	—	31	41	54	120	91	26	53	17	42.5
Electrical and electronic		395	—	17	22	60	52	76	105	46	17	—	41.1
Mechanical		381	—	—	27	52	34	81	119	41	16	11	44.6
Other engineers		1 468	—	5	112	263	179	381	371	100	53	4	39.6
Lawyers and judges		508	—	—	4	45	51	195	89	37	31	56	42.9
Life and physical scientists		709	—	7	90	107	50	171	173	66	45	—	40.9
Chemists		662	—	7	79	91	50	156	168	66	45	—	41.7
Physicians, dentists, and related practitioners		933	—	—	11	76	77	305	193	111	77	83	44.9
Dentists		185	—	—	—	12	6	73	44	11	21	18	45.3
Pharmacists		273	—	—	11	48	22	63	42	30	35	22	43.8
Physicians, medical and osteopathic		382	—	—	—	5	28	152	90	58	16	33	45.7
Other related practitioners		93	—	—	—	11	21	17	17	12	5	10	...
Health technologists and technicians		142	—	10	19	36	19	10	21	11	10	6	31.6
Religious workers		604	—	—	24	59	81	128	153	70	60	29	45.7
Social scientists		62	—	—	—	20	11	15	5	6	5	—	...
Social and recreation workers		231	18	—	21	72	34	32	31	14	4	5	30.7
Teachers	10	3 308	5	10	496	820	485	794	459	124	86	29	33.3
College and university		530	—	—	51	58	70	193	81	24	37	16	39.5
Elementary and prekindergarten	4	737	5	—	155	216	141	130	76	9	—	—	29.8
Secondary		1 886	—	—	281	529	256	441	259	77	35	8	32.6
Engineering and science technicians		2 429	18	110	444	472	292	386	497	124	78	8	32.9
Draftsmen and surveyors		830	12	49	201	179	118	136	88	12	35	—	29.3
Electrical and electronic engineering technicians		183	—	5	37	71	39	23	—	8	—	—	28.5
Technicians, except health, and engineering and science		164	—	18	23	22	—	36	36	13	4	12	40.3
Airplane pilots		17	—	—	—	—	—	17	—	—	—	—	...
Writers, artists, and entertainers	5	624	10	20	96	54	87	122	115	37	31	52	38.7
Other professional, technical, and kindred workers	6	1 580	21	36	202	207	170	379	378	86	61	40	39.1
Managers and administrators, except farm	11	10 121	31	61	487	1 073	964	2 848	2 765	903	600	389	43.6
Buyers, purchasing agents, and sales managers		1 201	—	7	102	177	126	313	335	48	82	11	41.0
School administrators		366	—	—	—	9	27	196	100	16	10	8	42.5
Specified managers and administrators, public administration		359	6	—	11	32	25	65	97	40	45	38	49.2
Other specified managers and administrators	7	2 049	13	28	126	246	194	502	534	217	109	80	43.3
Managers and administrators, n.e.c., salaried	4	4 835	12	22	227	565	499	1 413	1 290	429	232	146	42.7
Manufacturing		1 340	—	—	35	114	154	383	413	130	76	35	44.6
Wholesale and retail trade		1 630	12	17	146	261	181	430	341	121	75	46	39.6
Transportation, communications, and other public utilities		482	—	—	20	19	25	156	168	53	32	9	46.3
All other industries	4	1 383	—	5	26	171	139	444	368	125	49	56	42.9
Managers and administrators, n.e.c., self-employed		1 311	—	4	21	44	93	359	409	153	122	106	48.3
Construction		240	—	—	—	4	27	100	56	29	9	11	43.9
Manufacturing		42	—	—	7	—	5	—	19	—	—	—	...
Wholesale and retail trade		772	—	4	14	31	41	194	242	111	73	62	49.2
All other industries		257	—	—	—	9	20	65	92	13	40	18	48.8
Sales workers	643	6 207	393	194	566	758	640	1 294	1 267	491	339	265	39.3
Insurance agents, brokers, and underwriters		1 018	—	—	5	112	153	262	206	102	55	43	41.1
Real estate agents and brokers		354	—	—	—	17	22	117	113	35	11	34	46.4
Sales representatives, manufacturing industries		571	11	—	34	105	83	148	133	25	32	—	38.5
Sales representatives, wholesale trade		1 020	4	5	74	147	158	223	264	35	84	26	40.5
Sales clerks, retail trade	16	1 433	212	112	197	138	88	169	211	144	55	107	33.3
Salesmen, retail trade	4	1 001	16	25	100	178	59	218	218	89	66	32	40.6
Salesmen of services and construction	4	227	11	—	13	19	26	64	51	22	16	5	42.0
Other sales workers	623	583	139	52	58	42	51	93	71	39	20	18	30.0
Clerical and kindred workers	41	9 991	197	505	1 344	1 429	902	1 994	2 035	858	507	220	38.1
Bank tellers and cashiers		200	23	39	50	19	—	19	7	10	20	13	23.8
Bookkeepers and billing clerks		809	—	22	119	131	57	135	149	105	42	49	40.6
Mail handlers and postal clerks	4	843	5	23	78	114	43	216	271	77	16	—	42.3
Other clerical and kindred workers	37	8 139	169	421	1 097	1 165	802	1 624	1 608	666	429	158	37.6
Craftsmen and kindred workers	8	50 805	182	1 191	4 594	5 840	6 022	12 470	12 507	4 499	2 755	745	41.1
Apparel craftsmen and upholsterers		150	7	—	15	19	12	36	15	6	14	26	41.1
Bakers		140	18	—	6	12	17	28	30	12	5	12	41.1
Cabinetmakers		67	—	4	11	—	10	19	9	4	6	4	...
Construction craftsmen		12 858	21	343	1 311	1 415	1 527	3 114	3 122	1 076	698	231	40.8
Carpenters		2 355	—	70	208	235	248	618	597	205	111	63	41.7
Excavating, grading, and road machine operators		1 351	—	34	149	199	179	351	288	101	43	7	38.3
Electricians		3 204	—	78	457	465	411	666	738	217	132	40	37.9
Masons and tile setters		1 287	11	35	111	78	147	424	338	74	60	9	41.2
Painters, construction and maintenance, and paperhangers		683	5	36	52	75	74	111	164	68	68	30	44.0
Plasterers and cement finishers		221	—	—	23	6	26	71	62	14	15	4	42.8
Plumbers and pipe fitters		2 475	—	49	181	203	217	570	642	302	249	62	45.3
Other construction craftsmen		1 282	5	41	130	154	225	303	293	95	20	16	37.8
Foremen, n.e.c.		7 921	5	21	174	576	860	2 311	2 535	894	470	75	45.1
Manufacturing		6 323	—	16	138	469	662	1 880	2 011	754	356	37	45.0
Nonmanufacturing industries		1 598	5	5	36	107	198	431	524	140	114	38	45.3
Linemen and servicemen, telephone and power		794	—	38	140	161	141	206	64	18	20	6	32.1
Locomotive engineers and firemen		709	—	9	75	44	56	173	262	52	38	—	44.9
Mechanics and repairmen	9	145	48	321	1 055	1 327	1 134	2 187	1 968	641	361	103	38.1
Air conditioning, heating, and refrigeration		282	4	12	56	54	31	43	59	4	10	9	32.4
Aircraft		26	—	6	—	5	—	9	6	—	—	—	...
Automobile, including body		2 642	23	104	329	355	345	569	582	205	99	31	37.9
Radio and television		450	12	5	102	135	51	45	77	10	6	7	28.9
Other mechanics and repairmen		5 745	9	194	568	778	707	1 521	1 244	422	246	56	39.1
Metal craftsmen, except mechanics		8 058	29	191	723	919	988	1 751	2 005	856	530	66	41.7
Machinists and job and die setters		2 032	—	92	254	224	269	345	475	235	100	38	40.1
Sheetmetal workers and tinsmiths		484	—										

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**

GARY-HAMMOND-EAST CHICAGO 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	138	28 911	715	1 401	3 545	3 313	2 816	6 231	6 467	2 776	1 362	285	39.3
Assemblers.....	—	980	—	36	205	132	71	255	191	66	24	—	36.8
Checkers, examiners, and inspectors; manufacturing.....	—	1 652	11	98	221	159	166	389	392	132	69	15	39.4
Garage workers and gas station attendants.....	46	1 112	416	216	167	82	68	50	59	17	23	14	19.3
Laundry and drycleaning operatives, n.e.c.....	5	103	11	6	32	5	16	5	8	12	8	—	27.5
Meat cutters and butchers.....	—	626	10	32	98	78	66	142	110	31	32	27	37.0
Mine operatives, n.e.c.....	—	49	—	—	4	—	—	19	21	—	—	—	—
Packers and wroppers, except produce.....	9	359	54	36	75	31	19	45	36	27	27	9	27.3
Painters, manufactured articles.....	—	395	10	18	41	66	24	85	69	41	26	15	39.5
Precision machine operatives.....	—	1 639	5	77	221	174	184	328	369	162	107	12	39.8
Sawyers.....	—	206	—	13	49	31	19	41	25	17	5	6	32.6
Stationary firemen.....	—	459	6	12	37	31	47	127	117	68	14	—	42.6
Textile operatives.....	—	41	—	—	11	—	—	16	4	5	—	—	—
Welders and flamecutters.....	—	4 069	18	120	368	587	445	937	1 000	427	142	25	40.3
Other metalworking operatives.....	—	3 159	11	67	279	371	314	696	805	391	217	8	42.7
Other specified operatives.....	46	3 791	62	149	412	428	412	744	947	321	212	104	40.8
Miscellaneous and not specified operatives.....	32	10 271	101	521	1 325	1 138	960	2 352	2 314	1 059	451	50	39.6
Occupation:													
Machine operatives, miscellaneous specified.....	12	3 809	30	171	375	360	388	875	965	496	144	5	41.6
Machine operatives, not specified.....	—	1 462	5	64	200	148	115	355	339	147	70	19	40.6
Miscellaneous operatives.....	15	3 396	59	210	535	440	310	754	674	245	147	22	36.9
Not specified operatives.....	5	1 604	7	76	215	190	147	368	336	171	90	4	39.5
Industry:													
Manufacturing.....	5	9 593	54	490	1 242	1 084	893	2 195	2 165	1 013	419	38	39.7
Durable goods.....	5	7 806	39	386	1 127	963	763	1 791	1 596	760	343	38	38.5
Wood products, including furniture.....	—	64	—	—	9	11	10	17	—	—	—	—	—
Primary metal industries.....	5	6 071	12	285	804	733	578	1 424	1 272	656	276	31	39.4
Fabricated metal industries.....	—	659	5	38	163	73	85	116	112	43	24	—	33.0
Machinery, including electrical.....	—	268	6	14	49	45	16	32	77	11	11	7	36.3
Motor vehicles and equipment.....	—	194	—	6	30	30	21	57	41	5	4	—	36.8
Transportation equipment, except motor vehicles.....	—	154	10	10	16	30	10	28	31	13	6	—	35.4
Other durable goods.....	—	396	—	33	56	41	43	117	63	21	22	—	37.1
Nondurable goods.....	—	1 766	15	100	115	121	130	392	569	253	71	—	45.2
Food and kindred products.....	—	241	5	9	13	26	19	93	51	9	16	—	40.2
Apparel and other fabricated textile products.....	—	9	—	5	—	—	—	—	—	4	—	—	—
Paper and allied products.....	—	180	—	33	30	16	15	27	44	11	4	—	33.7
Chemicals and allied products.....	—	471	—	10	39	60	33	130	167	26	6	—	42.2
Other nondurable goods.....	—	865	10	43	33	19	63	142	307	203	45	—	49.0
Not specified manufacturing industries.....	—	21	—	4	—	—	—	12	—	—	5	—	—
Nonmanufacturing industries.....	27	678	47	31	83	54	67	157	149	46	32	12	38.6
Transportation, communications, and other public utilities.....	—	185	4	4	21	10	13	48	55	12	16	2	43.4
Wholesale and retail trade.....	15	253	21	20	19	17	20	61	51	29	11	4	39.8
All other industries.....	12	240	22	7	43	27	34	48	43	5	5	6	33.1
Transport equipment operatives	16	9 372	80	233	826	1 147	1 093	2 594	2 175	615	442	167	40.0
Bus drivers.....	—	371	—	—	28	33	11	94	122	52	21	10	46.6
Taxicab drivers and chauffeurs.....	—	164	—	—	8	46	5	30	39	14	22	—	42.7
Truck drivers and deliverymen.....	11	5 889	74	126	434	688	761	1 630	1 477	378	235	86	40.3
Other transport equipment operatives.....	5	2 948	6	107	356	380	316	840	537	171	164	71	38.7
Laborers, except farm	284	15 529	1 602	1 838	2 540	1 526	1 232	2 332	2 423	1 174	621	241	31.0
Construction laborers.....	4	1 975	36	99	392	270	152	385	369	155	88	29	36.0
Freight, stock, and material handlers.....	142	4 960	1 111	648	678	436	365	601	648	298	125	50	25.5
Other specified laborers.....	104	1 834	304	298	251	128	129	224	279	93	54	74	27.5
Miscellaneous and not specified laborers.....	34	6 760	151	793	1 219	692	586	1 122	1 127	628	354	88	34.5
Occupation:													
Miscellaneous laborers.....	22	3 966	27	199	581	457	367	793	794	446	246	56	39.4
Not specified laborers.....	12	2 794	124	594	638	235	219	329	333	182	108	32	25.9
Industry:													
Manufacturing.....	11	6 039	43	749	1 089	644	539	1 039	1 030	531	317	58	34.6
Durable goods.....	11	5 807	39	711	1 044	631	522	1 023	976	489	317	55	34.6
Wood products, including furniture.....	—	20	—	—	—	—	—	2	9	—	4	5	—
Metal industries.....	11	5 507	29	699	990	611	483	992	916	472	275	40	34.4
Machinery, including electrical.....	—	27	4	—	—	—	15	—	—	5	3	—	—
Transportation equipment.....	—	135	6	—	19	9	14	15	37	—	30	5	46.2
Other durable goods.....	—	118	—	12	35	11	10	14	14	12	5	—	30.5
Nondurable goods.....	—	215	4	28	45	13	17	16	54	35	—	3	35.3
Food and kindred products.....	—	37	—	—	6	—	—	5	6	—	—	—	—
Not specified manufacturing industries.....	—	17	—	10	—	—	—	—	—	7	—	—	—
Nonmanufacturing industries.....	23	721	108	44	130	48	47	83	97	97	37	30	33.2
Railroads and railway express service.....	—	175	—	5	28	13	11	24	39	39	11	5	46.7
Transportation, except railroads.....	—	24	9	—	6	—	—	9	—	—	—	—	—
Communications, and utilities and sanitary services.....	—	123	—	5	22	12	10	11	24	34	5	—	45.6
Wholesale and retail trade.....	3	170	52	17	50	5	4	23	5	5	5	4	21.6
All other industries.....	20	229	47	17	24	18	13	25	29	19	16	21	33.3
Farmers and farm managers	4	861	—	—	31	40	65	156	224	113	118	114	51.2
Farm laborers and farm foremen	44	399	53	46	61	34	14	46	70	11	28	36	32.0
Paid farm laborers and farm foremen.....	20	316	35	46	55	28	14	39	52	5	18	24	28.9
Unpaid family workers.....	24	83	18	—	6	6	—	7	18	6	10	12	—
Service workers, except private household¹	419	10 884	1 191	686	1 026	1 003	896	1 652	1 872	1 035	794	729	38.9
Cleaning service workers.....	125	4 656	329	439	517	340	210	589	858	522	464	388	43.4
Food service workers.....	246	1 710	714	155	103	60	67	142	229	94	81	65	19.8
Cooks, except private household.....	41	571	292	53	29	15	16	28	28	27	14	16	18.0
Busboys and dishwashers.....	129	364	263	45	31	—	10	5	—	5	5	—	17.4
Health service workers.....	—	147	17	13	25	25	23	19	4	14	—	7	28.7
Personal service workers.....	21	827	100	34	67	83	94	166	110	74	52	47	37.1
Protective service workers.....	—	2 934	—	9	194	427	426	616	609	276	170	207	41.7
Firemen, fire protection.....	—	704	—	—	41	126	149	182	157	46	—	3	37.0
Guards and watchmen.....	—	989	—	9	59	47	36	97	250	171	134	186	54.9
Policemen and detectives.....	—	1 128	—	—	94	242	237	328	175	23	24	5	34.8
Private household workers	5	29	5	5	—	5	—	10	—	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	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		
GARY—HAMMOND—EAST CHICAGO SMSA—Continued														
Total—Continued	740	75 908	2 614	5 087	11 896	7 352	6 558	15 549	16 403	5 434	3 148	1 867	37.9	
Female employed														
Professional, technical, and kindred workers	15	11 255	71	182	2 086	1 732	1 171	2 412	2 103	678	534	286	36.6	
Accountants		381		14	41	25	11	102	133	30	20	5	44.8	
Computer specialists		73			43	15		4	11					
Librarians		235		20	37	30	22	52	46	14	10	4	36.6	
Mathematical specialists		16							8					
Life and physical scientists		91			26	4	5	13	14	12	17			
Registered nurses, dietitians, and therapists		2 282	8	2	357	337	251	578	526	138	64	21	38.2	
Dietitians		67						44	16	7				
Registered nurses		2 064	4		298	317	237	485	507	131	64	21	38.6	
Health technologists and technicians	6	586	5	30	238	63	57	95	66	22	10		26.6	
Social scientists		44					18	16	6			4		
Social and recreation workers		446		6	76	61	52	81	114	30	19	7	38.5	
Teachers: College and university		186		10	48	28	39	32	10	10	5	4	30.9	
Elementary and prekindergarten		3 586	25	16	624	643	368	768	582	232	204	124	36.5	
Secondary		1 459	5		340	275	172	276	233	47	79	32	33.2	
Other teachers		277	13	16	24	38	23	41	49	13	20	40	41.0	
Engineering and science technicians		258		16	59	26	25	63	47	16	6		35.5	
Technicians, except health, and engineering and science		60			22		15	14			9			
Writers, artists, and entertainers	9	335	9	25	49	53	33	44	71		21	30	34.8	
Actors and dancers		10				6			4					
Authors, editors, and reporters		122		5	18	27	21	11	27		4	9	32.6	
Other professional, technical, and kindred workers		940	6	27	102	134	80	233	187	106	50	15	40.2	
Managers and administrators, except farm		2 240		18	174	115	200	561	605	270	163	134	45.9	
Buyers, purchasing agents, and sales managers		322		4	49	22	21	61	89	49	18	9	45.4	
Restaurant, cafeteria, and bar managers		237			7	12	43	91	55	20	9		41.2	
School administrators		147					7	56	43	20	17	4	47.4	
Other specified managers and administrators		552		10	72	29	59	109	134	61	58	20	44.7	
Managers and administrators, n.e.c., salaried		624		4	35	41	56	180	156	69	38	45	44.8	
Wholesale and retail trade		247		4	23	25	13	59	76	34	6	7	44.9	
Managers and administrators, n.e.c., self-employed		358			11	11	14	64	128	51	23	56	51.2	
Wholesale and retail trade		232				6	10	43	78	35	11	49	52.3	
Sales workers	104	6 159	416	363	621	317	425	1 225	1 681	583	348	180	42.7	
Demonstrators, hucksters, and peddlers		330			60	40	54	90	35	24	11	16	36.2	
Insurance, real estate agents, and brokers		300		6	22	9	7	121	88	18	21	8	43.8	
Sales clerks, retail trade	38	4 492	350	299	421	206	281	789	1 287	464	267	128	43.7	
Salesmen, retail trade		183		16	6	19		48	43	36	11	4	45.6	
Other sales workers	66	854	66	42	112	43	83	177	228	41	38	24	39.6	
Clerical and kindred workers	126	28 825	917	3 034	6 102	3 005	2 326	5 348	5 255	1 555	858	425	32.9	
Bank tellers	5	774	10	79	191	51	49	203	158	28	5		35.3	
Bookkeepers	6	2 856	35	158	342	280	238	628	690	186	126	73	40.2	
Cashiers	44	3 201	370	378	440	287	262	774	543	140	76	31	32.4	
Counter clerks, except food	5	638	52	32	74	49	50	131	153	57	32	8	39.7	
Enumerators and interviewers		75		7	7	20	10	10	19					
File clerks		893	49	133	254	101	68	120	127	15	18	8	25.5	
Office machine operators	5	1 529		205	454	264	157	195	184	48	22		27.0	
Bookkeeping and billing machine operators		168		18	22	16	13	33	54		12		39.5	
Keypunch operators		939		151	332	189	92	100	52	13	10		24.8	
Payroll and timekeeping clerks		344		14	37	31	41	82	119	10	10		41.0	
Receptionists		805	48	125	146	85	43	131	135	29	34	29	29.9	
Secretaries	22	6 334	80	643	1 653	680	527	934	1 141	393	210	73	31.1	
Stenographers		316		30	102	22	22	58	56	17	9		30.9	
Telephone operators		906	20	140	195	84	39	192	147	53	21	15	31.8	
Typists	5	2 912	75	465	871	343	199	405	376	105	46	27	25.7	
Other clerical and kindred workers	34	7 242	178	625	1 336	716	611	1 485	1 407	474	249	161	36.0	
Craftsmen and kindred workers	5	1 598	17	25	214	129	156	397	338	150	99	73	41.5	
Foremen, n.e.c.		289			39	20	19	67	51	60	22	11	44.9	
Operatives, except transport	23	7 133	61	297	711	655	680	1 807	2 054	525	231	112	41.4	
Assemblers		558		14	110	78	30	170	140	8	4	4	37.8	
Bottling and canning operatives		38		5	4	6	5		15		3			
Checkers, examiners, and inspectors; manufacturing		705		35	60	61	71	214	192	63	9		40.9	
Dressmakers and seamstresses, except factory		209			16	10	5	29	82	31	18	18	50.4	
Laundry and dry cleaning operatives, including ironers		641	10	10	22	21	67	174	239	52	41	5	45.7	
Graders and sorters, manufacturing		135		6	10	11	15	11	63	15	4		47.3	
Packers and wrappers, except produce	5	1 049	15	61	75	125	141	258	266	86	22		39.2	
Sewers and stitchers		738		6	40	57	42	215	224	99	23	32	45.4	
Textile operatives		11							5	6				
Other specified operatives	18	1 557	36	72	182	111	167	406	360	103	74	46	40.2	
Miscellaneous and not specified operatives		1 492		88	175	175	137	330	468	62	33	7	39.7	
Manufacturing		1 320		65	162	166	127	304	401	62	33		40.6	
Durable goods		804		50	97	117	62	150	268	50	10		39.1	
Machinery, including electrical		117		10	16	18	8	16	34	10	5		40.2	
Other durable goods		687		40	81	99	54	134	234	40	5		39.2	
Nondurable goods, including not specified manufacturing		516		15	65	49	65	154	133	12	23			
Food and kindred products		78			7	11		19	29	9	3			
Apparel and other fabricated textile products		59		4	16	5		21	9		4			
Nonmanufacturing industries		172		23	30	9	10	26	67			7	40.4	
Transport equipment operatives		515		17	34	55	65	197	102	27	6	12	39.4	
Laborers, except farm	21	945	33	112	171	85	57	237	151	56	40	3	35.6	
Farmers and farm managers		47			4		6	9	10	7	11			
Farm laborers and farm foremen		94			21	6		16	25	15	6	5		
Paid farm laborers and farm foremen		54			15	6		11	5	11	6			
Unpaid family workers		40			6			5	20	4		5		
Service workers, except private household ¹	260	15 273	976	984	1 661	1 172	1 407	3 077	3 618	1 322	635	421	39.7	
Cleaning service workers	27	2 512	80	60	101	94	189	542	795	345	192	114	47.4	
Chambermaids and maids	5	309		15	14	15	22	72	98	44	24	5	46.7	
Food service workers	133	6 651	757	517	576	450	653	1 305	1 498	502	214	179	37.9	
Cooks, except private household	6	1 975	91	52	63	90	182	471	603	238	111	74	45.6	
Waiters and food counter workers	66	3 352	543	378	439	294	382	599	512	125	43	37	30.3	
Health service workers		2 603	61	190	489	309	263	634	398	150	83	26	34.8	
Nursing aides, orderlies, and attendants		1 599	36	114	249	207	194	374	256	104	54	11	35.0	
Practical nurses		554		9	117	65	40	157	84	23	29	10	36.7	
Personal service workers	5	2 132	45	124	368	210	200	339	538	221	48	39	38.5	
Hairdressers and cosmetologists		1 215	4	76	297	168	107	171	257	89	26	20	32.9	
Private household workers	186	1 824	123	55	97	81	65	263	461	246	217	216	49.9	
Private household workers, living in		89				4		5	33	14	18	15		
Private household workers, living out	186	1 735	123	55	97	77	65	258	428	232	199	201	49.5	

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

GARY—HAMMOND—EAST CHICAGO 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	191	22 556	412	1 101	2 455	2 819	2 521	5 397	4 757	1 625	1 132	337	38.7
Professional, technical, and kindred workers	12	961	9	17	126	174	185	186	164	51	23	26	34.2
Engineers	—	25	—	—	11	4	5	—	—	5	—	—	—
Lawyers and judges	—	5	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists	—	26	—	—	—	6	5	10	5	—	—	5	—
Physicians, dentists, and related practitioners	—	46	—	—	—	—	—	19	14	3	—	5	—
Health workers, except practitioners	—	11	—	—	—	—	—	—	—	—	—	—	—
Social and recreation workers	—	62	—	—	10	20	5	13	10	4	—	—	—
Teachers	6	379	5	—	42	91	76	69	62	29	—	5	33.4
Technicians, except health	—	137	4	—	21	26	39	16	19	6	—	—	32.2
Writers, artists, and entertainers	—	57	—	—	5	—	22	10	13	—	—	—	—
Other professional, technical, and kindred workers	6	213	—	17	37	27	33	38	41	4	12	4	33.9
Managers and administrators, except farm	—	464	6	—	25	22	51	143	129	49	24	15	44.0
Salaried	—	299	6	—	25	22	36	81	80	34	15	—	42.5
Manufacturing	—	19	—	—	5	4	—	—	5	5	—	—	—
Retail trade	—	44	—	—	—	13	—	—	10	11	—	—	—
All other industries	—	236	6	—	15	5	36	76	65	18	15	—	42.4
Self-employed	—	165	—	—	—	—	15	62	49	15	9	15	46.1
Retail trade	—	86	—	—	—	—	4	30	32	15	—	5	—
All other industries	—	79	—	—	—	—	11	32	17	—	9	10	—
Sales workers	60	298	33	30	8	70	26	88	35	4	4	—	31.5
Manufacturing and wholesale trade	55	57	15	11	—	14	4	8	5	—	—	—	—
Retail trade	5	190	18	19	8	40	10	57	30	4	4	—	35.0
All other industries	—	51	—	—	—	16	12	23	—	—	—	—	—
Clerical and kindred workers	4	1 090	18	91	136	164	117	248	224	48	38	6	35.8
Bookkeepers and billing clerks	—	33	—	—	—	10	—	13	10	—	—	—	—
Mail handlers and postal clerks	4	262	—	—	41	32	15	76	80	15	3	—	40.7
Other clerical and kindred workers	—	795	18	91	95	122	102	159	134	33	35	6	33.5
Craftsman and kindred workers	4	5 512	10	136	443	632	718	1 598	1 382	290	257	46	40.1
Carpenters	—	110	—	5	8	6	13	28	22	17	5	6	43.2
Construction craftsmen, except carpenters	—	827	5	35	80	114	64	222	217	32	45	11	40.1
Automobile mechanics, including body repairmen	—	298	5	—	17	15	35	67	122	19	14	4	45.8
Mechanics and repairmen, except auto	—	506	—	20	52	68	88	176	74	20	4	4	36.4
Machinists	—	72	—	—	4	10	15	26	13	4	—	—	—
Metal craftsmen, except mechanics and machinists	—	767	—	14	44	61	128	194	216	55	55	—	42.0
Foremen, n.e.c.	—	501	—	—	36	4	36	65	220	132	11	33	41.6
Other craftsmen and kindred workers	4	2 431	—	62	234	322	308	665	586	132	101	21	39.4
Operatives, except transport	21	6 135	87	260	670	725	540	1 493	1 462	519	320	59	40.3
Assemblers	—	136	—	—	29	10	10	50	28	9	—	—	38.8
Garage workers and gas station attendants	—	140	39	12	28	—	10	13	30	8	—	—	23.4
Laundry and drycleaning operatives, including ironers	—	56	6	—	5	4	—	10	13	10	8	—	—
Precision machine operatives	—	290	—	12	19	31	36	70	56	40	17	9	41.7
Other operatives, except transport	21	5 513	42	236	589	680	484	1 350	1 335	452	295	50	40.4
Durable goods, manufacturing	5	4 733	15	206	477	583	424	1 169	1 123	433	277	26	40.7
Nondurable goods, including not specified manufacturing	5	357	5	27	54	48	28	60	116	4	8	7	37.8
Nonmanufacturing industries	11	423	22	3	58	49	32	121	96	15	10	17	38.9
Transport equipment operatives	—	1 527	—	31	141	185	228	528	271	66	69	8	38.4
Truck drivers	—	507	—	6	27	29	89	155	149	29	20	3	41.6
Other transport equipment operatives	—	1 020	—	25	114	156	139	373	122	37	49	5	37.0
Laborers, except farm	21	4 344	99	358	648	548	417	753	803	376	268	74	36.4
Construction laborers	—	485	—	13	44	60	11	136	130	63	23	5	43.4
Freight, stock, and material handlers	—	914	58	67	133	114	92	148	172	62	40	28	34.6
Other laborers, except farm	21	2 945	41	278	471	374	314	469	501	251	205	41	34.9
Manufacturing industries	11	2 592	—	238	431	350	277	433	450	214	183	17	35.0
Farmers and farm managers	—	14	—	—	—	—	—	6	4	—	4	—	—
Farm laborers and farm foremen	—	35	—	—	5	12	4	—	9	—	5	—	—
Service workers, except private household ¹	69	2 166	150	173	253	287	235	349	274	222	120	103	34.7
Cleaning service workers	43	1 291	104	151	173	143	83	184	177	126	87	63	34.5
Food service workers	13	137	40	6	9	11	6	28	5	19	8	5	32.1
Health service workers	—	98	—	5	6	6	23	4	—	14	—	—	—
Personal service workers	7	59	—	—	—	—	9	31	21	24	5	4	—
Protective service workers	—	377	—	—	42	89	72	55	60	22	15	22	34.0
Private household workers	—	10	—	5	—	—	—	5	—	—	—	—	—
Female employed	100	13 945	291	735	2 256	1 877	1 498	3 412	2 460	720	433	263	35.9
Professional, technical, and kindred workers	10	2 185	30	27	349	404	303	568	354	80	35	35	34.7
Registered nurses	—	237	—	—	14	44	39	70	52	14	—	4	38.1
Health workers, except nurses	6	224	5	—	47	26	31	72	39	4	—	—	35.4
Teachers, elementary and secondary schools	—	1 109	25	10	163	244	153	275	172	32	18	17	33.7
Technicians, except health	—	66	—	—	40	11	—	15	—	—	—	—	—
Other professional, technical, and kindred workers	4	549	—	17	85	79	80	136	91	30	17	14	36.0
Managers and administrators, except farm	—	214	—	—	—	28	27	67	19	35	12	26	42.8
Salaried	—	143	—	—	—	16	27	61	8	22	5	4	39.7
Self-employed	—	71	—	—	—	12	—	6	11	13	7	22	—
Sales workers	39	509	22	31	57	56	69	108	115	13	16	22	36.8
Retail trade	19	448	18	27	48	56	61	87	106	13	16	16	36.6
Clerical and kindred workers	11	3 441	134	399	1 029	628	334	578	284	31	16	8	26.3
Bookkeepers and cashiers	5	569	21	48	131	102	53	158	51	—	5	—	29.1
Office machine operators	—	269	—	41	71	93	41	11	12	—	—	—	26.2
Secretaries, stenographers, and typists	—	962	57	122	333	177	96	94	60	23	—	—	24.5
Other clerical and kindred workers	6	1 641	56	188	494	256	144	315	161	8	11	8	26.6
Craftsman and kindred workers	—	342	—	6	58	53	33	110	31	12	25	14	36.9
Operatives, except transport	5	1 791	16	71	233	237	229	485	424	46	34	16	37.3
Sewers and stitchers	—	179	—	—	11	11	21	74	55	—	7	—	41.3
Laundry and drycleaning operatives, including ironers	—	263	—	—	8	6	49	78	107	—	15	—	43.8
Other operatives, except transport	5	1 349	16	71	214	220	159	333	262	46	12	16	34.8
Durable goods, manufacturing	5	746	6	41	114	140	108	164	127	26	12	8	33.3
Nondurable goods, including not specified manufacturing	—	360	—	25	48	55	41	115	61	15	—	—	36.0
Nonmanufacturing industries	—	243	10	5	52	25	10	54	74	5	—	8	38.6
Transport equipment operatives	—	89	—	—	17	5	17	22	17	11	—	—	—
Laborers, except farm	—	376	8	37	98	65	30	96	22	9	11	—	28.5
Farmers and farm managers	—	7	—	—	—	—	—	—	—	7	—	—	—
Farm laborers and farm foremen	—	33	—	—	10	6	—	—	—	11	6	—	—
Service workers, except private household ¹	29	4 009	71	154	377	345	406	1 186	916	336	170	48	40.5
Cleaning service workers	7	916	31	15	53	49	80	250	257	91	79	11	44.2
Food service workers	—	1 119	31	56	85	98	109	329	287	89	18	17	40.5
Health service workers	—	1 140	—	36	165	154	166	371					

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
GARY-HAMMOND-EAST CHICAGO SMSA—Continued													
Persons of Spanish Language													
Male employed													
Professional, technical, and kindred workers	70	8 154	239	388	1 023	1 112	860	2 446	1 391	394	226	75	36.9
Engineers	12	314	8	—	37	46	60	103	38	13	—	9	35.6
Lawyers and judges	—	27	—	—	—	6	5	16	—	—	—	—	—
Life and physical scientists	—	14	—	—	—	—	—	14	—	—	—	—	—
Physicians, dentists, and related practitioners	—	17	—	—	5	5	—	7	—	—	—	—	—
Health workers, except practitioners	—	36	—	—	—	—	—	14	13	—	—	9	—
Social and recreation workers	—	8	8	—	—	—	—	—	—	—	—	—	—
Teachers	12	76	—	—	7	6	17	31	8	7	—	—	—
Technicians, except health	—	48	—	—	20	22	6	—	—	—	—	—	—
Writers, artists, and entertainers	—	—	—	—	—	—	—	—	—	—	—	—	—
Other professional, technical, and kindred workers	—	88	—	—	5	7	32	21	17	6	—	—	—
Managers and administrators, except farm	—	200	—	6	12	52	31	51	48	—	—	—	34.8
Salaries	—	154	—	—	12	44	18	38	42	—	—	—	35.8
Manufacturing	—	17	—	—	6	6	—	—	5	—	—	—	—
Retail trade	—	51	—	—	—	27	5	13	6	—	—	—	—
All other industries	—	86	—	—	6	11	13	25	31	—	—	—	—
Self-employed	—	46	—	6	—	8	13	13	6	—	—	—	—
Retail trade	—	40	—	—	—	8	13	13	6	—	—	—	—
All other industries	—	6	—	6	—	—	—	—	—	—	—	—	—
Sales workers	14	156	22	19	20	19	14	46	—	—	8	8	29.5
Manufacturing and wholesale trade	14	28	6	—	—	—	—	22	—	—	—	—	—
Retail trade	—	59	16	19	—	7	—	9	—	—	8	—	—
All other industries	—	69	—	—	20	12	14	15	—	—	—	8	—
Clerical and kindred workers	—	419	34	20	79	77	65	70	42	24	8	—	30.0
Bookkeepers and billing clerks	—	20	—	—	14	—	6	—	—	—	—	—	—
Mail handlers and postal clerks	—	7	—	—	—	—	—	7	—	—	—	—	—
Other clerical and kindred workers	—	392	34	20	65	77	59	63	42	24	8	—	30.0
Craftsmen and kindred workers	—	2 237	—	42	198	364	216	814	449	81	66	7	38.7
Carpenters	—	13	—	—	—	13	—	—	—	—	—	—	—
Construction craftsmen, except carpenters	—	469	—	14	52	97	45	126	105	8	22	—	37.1
Automobile mechanics, including body repairmen	—	81	—	—	13	14	6	37	5	6	—	—	—
Mechanics and repairmen, except auto	—	199	—	6	17	60	—	51	65	—	—	—	38.2
Machinists	—	45	—	8	—	11	9	17	—	—	—	—	—
Metal craftsmen, except mechanics and machinists	—	332	—	6	18	57	36	91	90	13	21	—	40.4
Foremen, n.e.c.	—	219	—	—	6	—	27	124	48	9	5	—	41.2
Other craftsmen and kindred workers	—	879	—	8	92	112	93	368	136	45	18	7	38.7
Operatives, except transport	5	2 012	11	103	317	231	201	617	309	114	77	32	37.3
Assemblers	—	52	—	—	31	7	—	8	6	—	—	—	—
Garage workers and gas station attendants	—	14	—	—	14	—	—	—	—	—	—	—	—
Laundry and drycleaning operatives, including ironers	—	6	—	—	—	6	—	—	—	—	—	—	—
Precision machine operatives	—	71	—	6	7	25	7	18	8	—	—	—	—
Other operatives, except transport	5	1 869	11	97	265	193	194	591	295	114	77	32	38.0
Durable goods, manufacturing	5	1 625	—	—	227	151	187	516	279	108	70	26	38.6
Non-durable goods, including not specified manufacturing	—	83	7	23	22	5	7	13	—	6	—	—	—
Nonmanufacturing industries	—	161	4	13	16	37	—	62	16	—	7	6	36.7
Transport equipment operatives	—	485	—	8	50	43	88	151	118	15	4	8	38.5
Truck drivers	—	153	—	—	—	22	27	50	35	15	4	—	40.5
Other transport equipment operatives	—	332	—	8	50	21	61	101	83	—	—	8	37.4
Laborers, except farm	22	1 687	112	144	235	187	156	409	280	105	53	6	35.2
Construction laborers	—	137	—	8	21	39	31	8	25	—	5	—	30.1
Freight, stock, and material handlers	15	463	95	33	67	45	33	133	40	17	—	—	29.1
Other laborers, except farm	7	1 087	17	103	147	103	92	268	215	88	48	6	38.0
Manufacturing industries	—	961	11	103	135	75	87	235	205	70	40	—	38.0
Farmers and farm managers	—	—	—	—	—	—	—	—	—	—	—	—	—
Farm laborers and farm foremen	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, except private household ¹	17	638	52	46	75	93	29	179	107	42	10	5	36.3
Cleaning service workers	3	458	17	46	49	45	16	135	93	42	10	5	39.1
Food service workers	14	42	28	—	—	—	6	—	8	—	—	—	—
Health service workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Personal service workers	—	23	—	—	—	—	—	23	—	—	—	—	—
Protective service workers	—	88	—	—	6	48	7	21	6	—	—	—	—
Private household workers	—	6	—	—	—	—	—	6	—	—	—	—	—
Female employed													
Professional, technical, and kindred workers	—	263	7	8	72	19	35	85	32	5	—	—	33.6
Registered nurses	—	58	—	—	15	19	9	10	—	5	—	—	—
Health workers, except nurses	—	78	—	—	36	—	11	19	12	—	—	—	—
Teachers, elementary and secondary schools	—	48	—	—	8	—	7	21	12	—	—	—	—
Technicians, except health	—	18	—	8	—	—	—	10	—	—	—	—	—
Other professional, technical, and kindred workers	—	61	7	—	13	—	8	25	8	—	—	—	—
Managers and administrators, except farm	—	43	—	—	—	7	16	20	—	—	—	—	—
Salaries	—	22	—	—	—	7	10	5	—	—	—	—	—
Self-employed	—	21	—	—	—	—	6	15	—	—	—	—	—
Sales workers	7	211	28	24	61	6	6	41	33	6	—	6	24.4
Retail trade	7	200	24	24	61	6	6	34	33	6	—	6	24.3
Clerical and kindred workers	17	1 240	86	193	367	149	124	229	61	27	—	4	24.6
Bookkeepers and cashiers	17	245	49	17	29	29	43	53	25	—	—	—	29.7
Office machine operators	—	43	—	8	14	—	5	7	9	—	—	—	—
Secretaries, stenographers, and typists	—	387	7	74	169	59	27	45	—	6	—	—	23.3
Other clerical and kindred workers	—	565	30	94	155	61	49	124	27	21	—	4	25.3
Craftsmen and kindred workers	—	79	—	6	—	—	25	15	18	6	—	—	—
Operatives, except transport	5	360	—	22	24	43	29	182	42	—	—	18	38.4
Sewers and stitchers	—	81	—	—	—	24	—	36	21	—	—	—	—
Laundry and drycleaning operatives, including ironers	—	18	—	7	—	—	—	11	—	—	—	—	—
Other operatives, except transport	5	261	—	15	24	19	29	135	21	—	—	18	38.2
Durable goods, manufacturing	—	62	—	6	5	5	—	40	6	—	—	—	—
Non-durable goods, including not specified manufacturing	5	152	—	—	19	7	29	80	10	—	—	7	37.6
Nonmanufacturing industries	—	47	—	9	—	7	—	15	5	—	—	11	—
Transport equipment operatives	—	6	—	—	—	6	—	—	—	—	—	—	—
Laborers, except farm	—	32	—	—	9	—	17	6	—	—	—	—	—
Farmers and farm managers	—	—	—	—	—	—	—	—	—	—	—	—	—
Farm laborers and farm foremen	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, except private household ¹	27	635	59	69	86	59	76	148	102	15	13	8	32.9
Cleaning service workers	—	151	17	9	13	—	15	57	28	6	6	—	38.8
Food service workers	7	181	30	21	25	14	24	36	23	—	—	8	30.1
Health service workers	—	138	—	27	32	18	7	27	27	—	—	—	27.8
Practical nurses	—	18	—	—	4	7	—	—	—	—	—	—	—
Personal service workers	—	71	7	12	7	19	8	6	12	—	—	—	—
Protective service workers	—	23	—	—	—	—	—	8	6	9	—	—	—
Private household workers	—	29	—	—	7	—	—	7	12	—	3	—	—

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**

INDIANAPOLIS 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	3 281	272 973	7 313	9 756	29 182	34 476	30 136	59 825	56 001	21 067	14 962	10 255	39.3
Male employed	3 281	272 973	7 313	9 756	29 182	34 476	30 136	59 825	56 001	21 067	14 962	10 255	39.3
Professional, technical, and kindred workers	31	38 368	120	369	4 469	6 463	5 048	9 054	7 376	2 492	1 649	1 328	38.0
Accountants	6	3 464	—	11	337	605	420	708	690	268	254	171	40.1
Architects	—	323	—	4	30	32	70	90	62	19	11	5	37.8
Computer specialists	—	1 205	—	15	220	390	148	311	109	7	5	—	29.7
Engineers	—	7 504	4	11	659	1 209	968	1 959	1 776	490	309	119	39.6
Aeronautical and astronautical	—	369	—	5	31	50	52	67	140	20	4	—	41.9
Civil	—	880	—	—	77	121	124	210	157	41	94	56	40.6
Electrical and electronic	—	1 524	—	—	167	324	192	431	277	87	33	13	36.8
Mechanical	—	1 253	—	—	158	154	138	317	317	104	56	9	40.6
Other engineers	—	3 478	4	6	226	560	462	934	885	238	122	41	40.1
Lawyers and judges	—	1 564	—	6	5	171	258	429	320	125	73	177	43.0
Life and physical scientists	—	1 216	—	9	104	206	171	339	286	74	27	—	38.5
Chemists	—	834	—	9	97	143	119	206	179	65	16	—	37.4
Physicians, dentists, and related practitioners	4	3 045	6	4	188	410	304	699	698	275	182	279	43.7
Dentists	—	606	—	—	—	86	60	147	133	45	40	95	45.8
Pharmacists	—	672	6	4	70	65	60	117	180	84	44	42	45.8
Physicians, medical and osteopathic	4	1 443	—	—	112	225	168	343	289	135	89	82	41.3
Other related practitioners	—	324	—	—	6	34	16	92	96	11	9	60	46.5
Health technologists and technicians	5	504	—	12	138	86	40	104	83	24	11	6	32.0
Religious workers	—	1 326	—	—	84	116	190	283	271	160	93	129	44.6
Social scientists	—	444	—	—	37	101	73	85	98	20	12	18	36.3
Social and recreation workers	—	471	6	46	119	72	34	66	60	31	28	9	29.5
Teachers	12	5 135	18	36	681	990	795	1 212	771	272	199	161	35.4
College and university	—	787	—	—	36	70	153	220	156	64	56	32	41.1
Elementary and prekindergarten	—	1 239	5	5	262	263	177	249	137	58	43	40	32.4
Secondary	6	2 744	5	17	312	598	455	675	391	122	80	89	34.8
Engineering and science technicians	—	4 381	17	127	856	750	565	951	739	223	106	47	33.9
Draftsmen and surveyors	—	1 788	12	86	459	328	202	328	242	45	53	33	30.2
Electrical and electronic engineering technicians	—	743	—	12	149	164	125	185	75	23	5	5	31.9
Technicians, except health, and engineering and science	—	998	10	6	129	160	218	292	112	31	35	5	34.4
Airplane pilots	—	203	—	—	—	24	63	101	10	5	—	—	36.4
Writers, artists, and entertainers	4	2 644	40	56	366	398	286	594	480	188	140	96	38.0
Other professional, technical, and kindred workers	—	4 144	19	26	516	767	508	932	821	285	164	106	37.5
Managers and administrators, except farm	27	30 160	47	195	1 595	3 145	3 387	8 254	7 663	2 647	2 043	1 184	43.1
Buyers, purchasing agents, and sales managers	—	4 997	9	64	299	692	606	1 396	1 197	360	267	107	40.9
School administrators	—	717	4	5	4	52	73	216	198	79	79	7	45.2
Specified managers and administrators, public administration	—	1 299	—	—	48	81	54	313	419	193	110	81	48.7
Other specified managers and administrators	6	5 436	15	57	505	731	617	1 324	1 167	430	385	205	41.0
Managers and administrators, n.e.c., salaried	11	14 132	15	60	644	1 425	1 750	3 962	3 701	1 201	861	513	43.0
Manufacturing	6	3 563	—	—	76	256	411	1 048	1 064	340	244	124	44.9
Wholesale and retail trade	5	4 531	9	52	270	588	544	1 141	1 113	361	307	146	42.0
Transportation, communications, and other public utilities	—	1 385	—	—	39	124	184	376	394	160	68	40	44.2
All other industries	—	4 653	6	8	259	457	611	1 397	1 130	340	242	203	42.1
Managers and administrators, n.e.c., self-employed	10	3 579	4	9	95	164	287	1 043	981	384	341	271	46.9
Construction	—	841	—	—	30	63	73	299	240	64	32	40	43.5
Manufacturing	—	279	4	4	5	12	27	65	79	19	35	29	47.8
Wholesale and retail trade	10	1 752	—	5	35	76	150	491	467	180	182	166	47.5
All other industries	—	707	—	—	25	13	37	188	195	121	92	36	49.6
Sales workers	1 249	21 441	875	644	1 679	2 591	2 387	4 634	4 432	1 771	1 187	1 241	40.5
Insurance agents, brokers, and underwriters	—	3 120	—	10	217	469	416	887	632	200	123	166	40.1
Real estate agents and brokers	—	932	—	—	9	60	89	193	246	135	104	96	49.7
Sales representatives, manufacturing industries	—	3 183	5	14	183	443	498	812	758	204	115	151	40.5
Sales representatives, wholesale trade	—	4 537	—	51	373	569	554	1 010	1 100	386	288	206	42.1
Sales clerks, retail trade	47	3 887	450	357	533	354	277	449	554	374	229	310	34.5
Salesmen, retail trade	4	2 643	72	84	170	272	272	588	599	260	182	144	42.7
Salesmen of services and construction	—	1 271	10	22	54	205	152	307	307	69	71	74	41.3
Other sales workers	1 198	1 868	338	106	140	219	129	388	236	143	75	94	35.1
Clerical and kindred workers	84	21 737	538	1 149	3 099	2 821	1 899	4 283	4 269	1 708	1 199	772	38.2
Bank tellers and cashiers	13	1 550	80	69	137	60	10	42	39	33	54	26	24.6
Bookkeepers and billing clerks	—	1 654	—	42	250	268	100	300	322	150	114	108	40.6
Mail handlers and postal clerks	12	3 056	71	120	365	250	285	753	840	221	99	52	40.8
Other clerical and kindred workers	59	16 477	387	918	2 347	2 243	1 504	3 188	3 068	1 304	932	586	37.6
Craftsmen and kindred workers	60	60 064	367	1 451	6 220	7 257	7 028	14 507	13 563	4 941	3 235	1 495	40.3
Apparel craftsmen and upholsterers	—	261	—	—	7	—	22	82	39	27	22	42	48.3
Bakers	—	375	5	22	46	65	45	95	53	11	33	—	35.5
Cabinetmakers	—	246	—	6	5	21	18	49	74	34	20	19	48.2
Construction craftsmen	11	13 561	77	321	1 416	1 615	1 754	3 195	3 063	917	708	495	40.0
Carpenters	—	3 688	34	89	290	357	469	828	940	253	270	158	42.3
Excavating, grading, and road machine operators	—	917	9	14	106	134	152	242	147	57	34	22	36.8
Electricians	—	2 333	—	40	291	282	331	570	532	162	63	62	38.9
Masons and tile setters	—	1 232	4	10	140	176	138	356	297	44	46	21	39.2
Painters, construction and maintenance, and paperhangers	7	1 727	15	63	182	207	192	347	337	155	137	92	40.9
Plasterers and cement finishers	4	591	—	28	66	75	59	190	115	18	23	17	38.6
Plumbers and pipe fitters	—	2 165	12	33	204	292	283	488	530	151	84	88	40.3
Other construction craftsmen	—	908	3	44	137	92	130	174	165	77	51	35	37.8
Foremen, n.e.c.	5	9 508	5	23	331	891	1 189	2 743	2 720	1 025	485	96	43.4
Manufacturing	—	5 728	5	6	117	499	683	1 689	1 682	662	232	18	44.2
Nonmanufacturing industries	5	3 780	—	17	214	392	506	1 054	903	363	253	78	42.2
Linemen and servicemen, telephone and power	—	2 308	5	146	660	332	218	561	271	65	33	17	30.3
Locomotive engineers and firemen	—	473	—	9	38	20	4	80	181	67	59	15	49.7
Mechanics and repairmen	16	14 519	158	432	1 766	2 115	1 681	3 338	2 832	1 147	722	328	38.3
Air conditioning, heating, and refrigeration	—	951	13	45	141	81	139	241	166	54	61	10	37.3
Aircraft	7	515	—	—	52	85	69	160	94	50	5	—	38.2
Automobile, including body	5	5 755	85	234	742	921	623	1 420	994				

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
INDIANAPOLIS SMSA—Continued													
Total—Continued													
Male employed—Continued													
Operatives, except transport	210	44 187	971	2 270	5 953	6 174	5 347	9 089	8 416	3 007	2 153	807	36.5
Assemblers.....	—	4 083	9	132	748	782	555	781	662	254	94	66	33.3
Checkers, examiners, and inspectors; manufacturing.....	—	3 552	4	55	412	409	433	884	831	299	196	29	40.2
Garage workers and gas station attendants.....	70	2 563	580	608	432	219	93	209	237	60	54	71	21.1
Laundry and drycleaning operatives, n.e.c.....	4	286	30	17	8	10	52	41	65	24	14	25	41.3
Meat cutters and butchers.....	5	1 093	11	62	110	149	107	228	189	93	72	72	39.7
Mine operatives, n.e.c.....	16	76	—	6	18	9	—	—	15	9	10	—	...
Packers and wrappers, except produce.....	5	1 179	46	167	229	137	143	138	158	68	60	33	30.4
Painters, manufactured articles.....	—	587	4	39	79	125	41	132	120	22	21	4	35.4
Precision machine operatives.....	—	6 097	—	86	713	1 045	748	1 334	1 227	500	356	88	38.4
Sawyers.....	—	254	—	10	43	25	12	60	50	34	14	6	41.2
Stationary firemen.....	—	462	—	4	36	24	47	98	136	55	57	5	46.6
Textile operatives.....	—	49	—	10	4	—	—	18	11	—	6	—	...
Welders and flamecutters.....	—	3 038	8	98	424	472	363	794	596	149	102	32	36.9
Other metalworking operatives.....	10	3 453	29	139	320	425	549	843	705	258	159	26	38.1
Other specified operatives.....	77	5 451	110	294	833	686	690	1 084	926	354	302	172	36.0
Miscellaneous and not specified operatives.....	23	11 964	140	543	1 544	1 657	1 505	2 445	2 488	828	636	178	37.4
Occupation:													
Machine operatives, miscellaneous specified.....	13	4 999	52	164	605	697	691	1 040	1 116	306	266	62	37.8
Machine operatives, not specified.....	—	3 600	20	161	446	605	387	741	735	270	174	61	37.4
Miscellaneous operatives.....	5	2 210	48	186	328	209	281	456	375	140	144	43	36.2
Not specified operatives.....	5	1 155	20	32	165	146	146	208	262	112	52	12	38.3
Industry:													
Manufacturing.....	7	10 181	62	397	1 263	1 476	1 322	2 090	2 166	744	552	109	37.7
Durable goods.....	—	6 797	37	176	840	1 001	864	1 476	1 469	492	366	76	38.3
Wood products, including furniture.....	—	152	—	7	20	12	5	32	33	23	20	—	45.0
Primary metal industries.....	—	346	—	4	37	56	59	67	88	14	17	4	37.5
Fabricated metal industries.....	—	456	—	35	96	64	53	81	46	34	47	—	33.1
Machinery, including electrical.....	—	2 187	16	75	279	259	246	499	510	135	144	24	39.4
Motor vehicles and equipment.....	—	2 324	11	15	254	420	319	548	493	176	70	18	37.6
Transportation equipment, except motor vehicles.....	—	727	10	10	84	108	112	153	153	59	24	14	37.8
Other durable goods.....	—	605	—	30	70	82	70	96	146	51	44	16	40.3
Nondurable goods.....	7	3 315	25	199	410	469	449	614	678	252	186	33	36.7
Food and kindred products.....	4	680	—	51	76	101	86	145	97	64	45	15	36.8
Apparel and other fabricated textile products.....	—	23	5	—	5	4	—	—	—	—	—	5	...
Paper and allied products.....	—	541	10	72	104	31	72	126	72	29	15	10	33.7
Chemicals and allied products.....	—	938	—	33	148	203	130	147	205	47	25	—	33.3
Other nondurable goods.....	3	1 133	10	43	77	130	157	196	304	112	101	3	42.6
Not specified manufacturing industries.....	—	69	—	22	13	6	—	—	—	—	—	—	...
Nonmanufacturing industries.....	16	1 783	78	146	281	181	183	355	322	84	84	69	35.6
Transportation, communications, and other public utilities.....	—	400	11	38	61	50	37	76	68	10	27	22	35.4
Wholesale and retail trade.....	16	880	48	71	133	86	95	184	171	54	25	13	35.4
All other industries.....	—	503	19	37	87	45	51	95	83	20	32	34	36.3
Transport equipment operatives.....	83	16 451	196	506	1 674	2 122	2 002	3 974	3 724	1 039	771	443	39.3
Bus drivers.....	—	762	—	—	18	52	94	177	214	80	80	47	46.9
Taxicab drivers and chauffeurs.....	—	570	—	11	45	65	58	121	121	82	48	19	43.8
Truck drivers and deliverymen.....	47	11 843	156	318	1 137	1 567	1 392	3 050	2 777	735	457	254	39.4
Other transport equipment operatives.....	36	3 276	40	177	474	438	458	626	612	142	176	123	35.8
Laborers, except farm.....	435	15 111	1 856	1 793	2 381	1 589	1 150	2 221	2 125	902	603	491	29.8
Construction laborers.....	19	2 413	132	260	376	298	205	498	381	113	88	62	33.4
Freight, stock, and material handlers.....	154	7 362	1 336	1 029	1 260	777	506	877	909	347	200	121	25.4
Other specified laborers.....	199	3 011	272	345	434	290	244	423	418	197	163	225	33.4
Miscellaneous and not specified laborers.....	63	2 325	116	159	311	224	195	423	417	245	152	83	38.7
Occupation:													
Miscellaneous laborers.....	10	742	4	17	64	72	79	182	142	89	65	28	42.4
Not specified laborers.....	53	1 583	112	142	247	152	116	241	275	156	87	55	35.9
Industry:													
Manufacturing.....	11	1 124	15	92	154	140	109	194	239	129	48	4	37.7
Durable goods.....	—	843	10	46	110	73	94	160	202	102	42	4	40.5
Wood products, including furniture.....	—	18	—	—	—	—	5	—	4	9	—	—	...
Metal industries.....	—	197	—	—	20	26	20	41	52	21	17	—	42.9
Machinery, including electrical.....	—	135	5	23	25	5	—	22	32	19	—	4	39.3
Transportation equipment.....	—	392	—	15	52	42	42	83	80	53	25	—	40.4
Other durable goods.....	—	101	5	8	13	—	—	27	14	34	—	—	34.5
Nondurable goods.....	11	281	5	46	44	67	15	34	37	27	6	—	28.4
Food and kindred products.....	—	150	—	25	24	33	10	19	20	19	—	—	28.9
Not specified manufacturing industries.....	—	—	—	—	—	—	—	—	—	—	—	—	...
Nonmanufacturing industries.....	52	1 201	101	67	157	84	86	229	178	116	104	79	39.6
Railroads and railway express service.....	—	169	—	5	13	—	7	56	28	36	19	5	46.3
Transportation, except railroads.....	—	42	—	—	6	4	12	20	—	—	—	—	...
Communications, and utilities and sanitary services.....	8	198	6	26	41	29	9	20	22	20	12	13	29.5
Wholesale and retail trade.....	14	436	61	32	64	30	19	57	91	32	20	30	37.1
All other industries.....	30	356	34	4	33	21	39	76	37	28	53	31	41.2
Farmers and farm managers.....	10	4 088	9	16	180	229	190	652	999	617	495	701	52.7
Farm laborers and farm foremen.....	228	1 323	301	119	165	106	104	107	137	94	76	114	28.6
Paid farm laborers and farm foremen.....	186	1 165	257	88	137	94	98	98	133	91	66	103	30.3
Unpaid family workers.....	42	158	44	31	28	12	6	9	4	3	10	11	20.7
Service workers, except private household ¹	843	19 910	2 020	1 244	1 767	1 979	1 584	3 044	3 257	1 812	1 551	1 652	39.5
Cleaning service workers.....	180	7 396	357	404	489	472	430	986	1 494	1 075	864	825	48.7
Food service workers.....	495	3 984	1 360	636	336	215	193	380	428	196	133	107	20.0
Cooks, except private household.....	81	1 338	429	272	103	89	71	131	119	44	53	27	19.8
Busboys and dishwashers.....	280	953	521	169	98	7	29	43	56	19	10	21	17.8
Health service workers.....	—	636	81	59	199	66	46	82	34	34	10	5	24.5
Personal service workers.....	33	1 764	115	78	206	196	159	346	240	126	121	177	38.7
Protective service workers.....	17	4 717	5	11	408	914	611	948	737	338	313	432	39.3
Firemen, fire protection.....	—	932	—	—	43	265	140	282	162	23	12	5	35.6
Guards and watchmen.....	7	1 776	—	5	123	158	84	277	364	221	241	303	51.6
Policemen and detectives.....	10	1 622	—	6	220	405	347	350	178	50	38	28	32.6
Private household workers.....	21	133	13	—	—	—	10	6	40	37	—	27	54.4

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**

INDIANAPOLIS 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	1 366	171 156	4 499	8 122	24 468	17 568	15 733	34 939	36 168	13 881	9 349	6 429	39.3
Professional, technical, and kindred workers	39	24 235	79	347	4 527	3 792	2 293	4 711	4 579	1 719	1 381	807	37.3
Accountants.....	—	1 501	4	55	235	118	107	225	474	115	88	80	45.1
Computer specialists.....	—	268	—	—	91	57	49	36	35	—	—	—	28.8
Librarians.....	—	443	—	10	84	45	16	91	98	32	34	33	42.3
Mathematical specialists.....	—	71	—	—	4	13	5	8	23	13	5	—	...
Life and physical scientists.....	—	170	—	—	22	70	9	45	15	9	—	—	29.5
Registered nurses, dietitians, and therapists.....	11	4 692	15	49	998	714	510	970	881	282	217	56	35.6
Dietitians.....	7	258	6	9	30	12	36	50	81	18	16	—	42.2
Registered nurses.....	4	4 073	9	30	844	647	419	900	729	248	191	56	36.0
Health technologists and technicians.....	—	1 310	15	59	440	261	183	170	106	44	19	13	27.7
Social scientists.....	—	104	—	—	19	21	17	16	6	18	—	7	33.5
Social and recreation workers.....	—	763	5	5	171	124	55	127	143	62	38	33	36.7
Teachers: College and university.....	—	401	—	15	17	59	45	100	87	24	20	34	41.5
Elementary and prekindergarten.....	—	6 591	10	7	1 197	1 040	584	1 394	1 058	558	463	280	38.3
Secondary.....	10	2 771	—	7	488	272	521	551	143	187	71	36.7	
Other teachers.....	12	672	23	21	62	86	63	134	121	46	56	60	41.0
Engineering and science technicians.....	—	567	—	26	98	80	40	104	157	48	8	6	38.8
Technicians, except health, and engineering and science.....	—	68	—	5	11	10	—	15	14	5	6	—	...
Writers, artists, and entertainers.....	6	1 120	4	32	208	154	107	235	213	60	60	47	37.3
Actors and dancers.....	—	44	—	—	24	10	—	5	5	—	—	—	...
Authors, editors, and reporters.....	—	342	—	6	46	35	37	79	89	4	21	25	40.9
Other professional, technical, and kindred workers.....	—	2 723	3	56	382	409	231	520	595	260	180	87	40.4
Managers and administrators, except farm	15	5 685	24	77	382	480	407	1 223	1 647	660	495	290	46.5
Buyers, purchasing agents, and sales managers.....	—	971	—	6	139	83	89	220	268	112	31	23	42.7
Restaurant, cafeteria, and bar managers.....	—	641	19	—	30	14	32	196	220	76	25	29	46.3
School administrators.....	—	218	—	—	5	9	24	50	70	21	39	—	48.0
Other specified managers and administrators.....	4	1 370	—	47	77	150	97	224	377	159	134	105	47.4
Managers and administrators, n.e.c., salaried.....	11	1 901	5	24	131	192	126	443	537	206	158	79	45.5
Wholesale and retail trade.....	6	637	—	15	53	45	31	140	244	57	25	27	46.4
Managers and administrators, n.e.c., self-employed.....	—	584	—	—	—	32	39	90	175	86	108	54	52.5
Wholesale and retail trade.....	—	377	—	—	—	27	21	60	106	60	56	47	52.6
Sales workers	150	13 078	924	861	1 067	764	885	2 510	3 117	1 274	920	756	43.1
Demonstrators, hucksters, and peddlers.....	5	991	6	24	115	123	159	246	183	62	38	35	37.8
Insurance, real estate agents, and brokers.....	—	1 180	—	21	113	107	76	260	338	98	112	55	45.4
Sales clerks, retail trade.....	64	8 358	764	667	568	383	420	1 519	2 060	864	587	526	44.1
Salesmen, retail trade.....	—	454	21	25	30	38	32	108	63	58	58	21	42.5
Other sales workers.....	81	2 095	133	124	241	113	198	377	473	192	125	119	41.3
Clerical and kindred workers	184	67 405	1 387	4 513	11 773	6 820	5 985	13 281	13 661	5 020	3 161	1 804	37.4
Bank tellers.....	—	1 167	—	35	201	101	138	259	313	79	25	16	39.2
Bookkeepers.....	—	7 716	32	235	929	628	572	1 821	1 958	740	463	338	43.0
Cashiers.....	49	4 946	471	423	605	482	426	1 011	907	318	167	136	35.7
Counter clerks, except food.....	5	1 188	73	65	171	71	95	248	277	78	60	50	39.8
Enumerators and interviewers.....	4	199	—	11	14	19	17	55	48	24	8	3	42.0
File clerks.....	15	2 806	108	431	660	175	142	427	469	167	141	86	31.0
Office machine operators.....	—	3 310	22	222	778	423	378	675	489	203	94	26	32.8
Bookkeeping and billing machine operators.....	—	363	—	18	83	42	45	78	45	38	14	—	34.3
Keypunch operators.....	—	1 940	16	151	537	295	256	393	203	75	14	—	29.5
Payroll and timekeeping clerks.....	—	1 094	—	19	124	79	123	231	289	97	95	37	43.7
Receptionists.....	5	1 821	54	179	324	154	321	321	366	118	94	55	36.4
Secretaries.....	21	15 845	61	753	3 052	2 124	1 543	3 141	3 085	1 135	634	317	36.2
Stenographers.....	—	636	—	35	103	33	49	148	106	58	58	46	41.6
Telephone operators.....	—	2 413	58	273	446	207	187	476	443	166	114	43	35.7
Typists.....	23	6 976	155	723	1 485	594	1 185	1 295	1 295	350	316	171	33.6
Other clerical and kindred workers.....	62	17 288	353	1 109	2 881	1 620	1 567	3 283	3 616	1 487	892	480	38.4
Craftsmen and kindred workers	5	3 504	4	89	317	267	298	851	925	382	223	148	44.1
Foremen, n.e.c.....	—	718	—	—	45	21	58	178	232	105	56	23	47.5
Operatives, except transport	56	21 376	135	582	2 283	2 361	2 521	5 458	4 964	1 659	918	495	40.1
Assemblers.....	—	4 318	5	104	539	538	624	1 175	916	292	88	37	38.0
Bottling and canning operatives.....	—	96	—	—	16	10	—	29	16	13	12	—	...
Checkers, examiners, and inspectors, manufacturing.....	—	2 680	5	34	231	273	262	746	740	217	124	48	42.2
Dressmakers and seamstresses, except factory.....	5	400	5	5	5	14	22	48	126	60	48	67	53.0
Laundry and dry cleaning operatives, including ironers.....	—	1 203	30	32	141	64	105	266	352	110	76	27	43.6
Graders and sorters, manufacturing.....	5	144	—	—	5	39	5	31	40	21	3	—	42.4
Packers and wrappers, except produce.....	—	1 751	21	63	204	210	229	466	310	142	71	35	38.2
Sewers and stitchers.....	—	963	—	42	49	79	72	253	186	117	112	53	44.5
Textile operatives.....	—	22	—	—	—	—	5	5	—	6	6	—	...
Other specified operatives.....	39	4 600	47	139	561	496	569	1 113	1 008	313	207	147	39.4
Miscellaneous and not specified operatives.....	7	5 199	22	163	532	638	628	1 326	1 270	368	171	81	39.6
Manufacturing.....	7	4 419	6	133	470	558	571	1 094	1 083	311	129	64	39.3
Durable goods.....	7	2 849	—	101	309	360	372	714	711	163	66	53	39.0
Machinery, including electrical.....	—	2 068	—	75	185	235	271	560	544	112	42	44	39.8
Other durable goods.....	7	781	—	26	124	125	101	154	167	51	24	9	35.9
Nondurable goods, including not specified manufacturing.....	—	1 570	6	32	161	198	199	380	372	148	63	11	40.0
Food and kindred products.....	—	83	—	8	—	10	14	27	12	6	—	6	...
Apparel and other fabricated textile products.....	—	54	—	—	6	—	10	25	9	4	—	—	...
Nonmanufacturing industries.....	—	780	16	30	62	80	57	232	187	57	42	17	41.3
Transport equipment operatives.....	—	644	12	8	52	44	106	209	148	31	4	30	39.8
Laborers, except farm.....	10	1 975	71	95	276	219	214	509	343	126	93	29	37.2
Farmers and farm managers.....	—	266	4	—	18	5	31	38	75	28	25	42	49.9
Farm laborers and farm foremen.....	16	300	16	18	27	57	21	47	58	11	30	15	37.3
Paid farm laborers and farm foremen.....	16	190	16	11	27	44	13	30	34	—	10	5	29.7
Unpaid family workers.....	—	110	—	7	—	13	8	17	24	11	20	10	49.2
Service workers, except private household'	486	27 980	1 512	1 446	3 564	2 600	2 752	5 485	5 604	2 314	1 532	1 171	38.9
Cleaning service workers.....	25	3 159	60	52	119	245	228	587	857	477	316	218	48.4
Chambermaids and maids.....	10	783	23	5	57	55	68	139	199	146	54	37	47.2
Food service workers.....	275	11 632	1 137	631									

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Persons 14 and 15 years old	Persons 16 years old and over											
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
INDIANAPOLIS SMSA—Continued													
Negro													
Male employed													
Professional, technical, and kindred workers	277	25 975	495	993	2 791	3 111	2 789	6 053	5 312	2 127	1 320	984	39.6
Engineers	—	1 643	—	29	244	268	171	437	286	93	19	96	37.5
Lawyers and judges	—	98	—	—	17	32	12	22	10	5	—	—	...
Life and physical scientists	—	24	—	—	—	—	—	9	4	—	—	11	...
Physicians, dentists, and related practitioners	—	51	—	—	7	5	6	28	5	—	—	—	...
Health workers, except practitioners	—	101	—	—	—	—	5	33	15	8	5	35	53.3
Social and recreation workers	—	141	—	—	27	18	10	37	38	5	—	6	39.2
Teachers	—	89	—	16	22	6	—	14	11	12	4	4	...
Technicians, except health	—	333	—	5	17	73	38	116	57	16	6	5	37.9
Writers, artists, and entertainers	—	205	—	3	54	26	15	59	25	19	—	4	35.8
Other professional, technical, and kindred workers	—	136	—	5	32	30	9	33	18	5	4	—	30.6
Managers and administrators, except farm	—	465	—	—	68	78	76	86	103	23	—	31	36.2
Managers and administrators, except farm	—	773	—	10	30	80	88	218	166	100	49	32	43.2
Salaried	—	530	—	10	16	74	73	134	112	76	29	6	41.9
Self-employed	—	55	—	—	3	27	8	—	6	6	5	—	...
Manufacturing	—	95	—	10	8	14	15	17	14	17	—	—	...
Retail trade	—	380	—	—	5	33	50	117	92	53	24	6	43.7
All other industries	—	243	—	—	14	6	15	84	54	24	20	26	45.5
Self-employed	—	55	—	—	—	—	—	22	6	5	11	4	...
Retail trade	—	190	—	—	9	6	15	62	48	19	9	22	45.6
All other industries	—	552	21	50	46	110	19	107	113	37	22	27	37.8
Manufacturing and wholesale trade	49	121	5	—	12	16	7	40	32	9	—	—	40.1
Retail trade	49	256	16	50	25	40	3	41	33	14	7	27	29.6
All other industries	—	175	—	—	9	54	9	26	48	14	15	—	41.0
Sales workers	—	2 519	50	117	345	313	244	610	613	128	67	32	38.1
Clerical and kindred workers	12	79	—	5	—	20	4	15	35	—	—	—	...
Bookkeepers and billing clerks	—	12	34	118	88	99	242	276	31	14	8	8	39.5
Mail handlers and postal clerks	—	1 518	38	78	227	205	141	353	302	97	53	24	37.0
Other clerical and kindred workers	12	3 834	9	126	383	414	429	1 059	776	337	205	96	40.3
Craftsmen and kindred workers	—	95	—	—	15	—	—	6	37	10	20	7	...
Construction craftsmen, except carpenters	4	890	—	14	62	85	97	293	97	82	30	30	41.4
Automobile mechanics, including body repairmen	—	375	4	25	22	36	52	112	70	28	20	6	39.3
Mechanics and repairmen, except auto	4	501	5	11	34	72	60	142	104	26	31	16	39.8
Machinists	—	163	—	—	13	28	21	43	37	16	5	—	39.5
Metal craftsmen, except mechanics and machinists	—	438	—	—	43	39	44	69	160	39	27	17	46.5
Foremen, n.e.c.	—	372	—	—	24	57	147	63	53	28	—	—	42.1
Other craftsmen and kindred workers	5	1 000	—	76	194	130	98	247	108	83	44	20	35.1
Operatives, except transport	—	6 144	52	209	819	956	878	1 443	1 130	365	213	79	36.1
Assemblers	—	784	—	16	137	207	108	179	91	42	—	4	31.5
Garage workers and gas station attendants	10	223	12	38	43	35	15	17	54	5	4	—	27.6
Laundry and drycleaning operatives, including ironers	—	226	—	13	28	10	27	56	66	6	9	11	41.3
Precision machine operatives	—	496	—	—	70	109	131	105	54	12	15	—	32.6
Other operatives, except transport	28	4 415	40	142	541	595	597	1 086	865	300	185	64	37.7
Durable goods, manufacturing	12	2 949	—	66	330	408	439	740	590	212	122	42	38.1
Nondurable goods, including not specified manufacturing	—	800	19	37	113	122	95	172	171	48	19	4	35.8
Nonmanufacturing industries	16	666	21	39	98	65	63	174	104	40	44	18	37.7
Transport equipment operatives	4	2 044	6	54	192	197	230	626	422	154	97	66	40.5
Truck drivers	—	991	—	15	100	97	66	361	217	69	46	20	41.0
Other transport equipment operatives	4	1 053	6	39	92	100	164	265	205	85	51	46	39.7
Laborers, except farm	79	3 283	101	170	385	387	278	645	756	293	166	102	40.0
Construction laborers	5	695	10	9	42	87	57	191	174	62	46	17	42.5
Freight, stock, and material handlers	30	1 006	56	105	167	150	91	131	229	44	14	19	31.4
Other laborers, except farm	44	1 582	35	56	176	150	130	323	353	187	106	66	42.6
Manufacturing industries	11	651	—	17	71	72	104	114	135	86	41	11	40.4
Farmers and farm managers	—	54	—	—	5	5	8	—	—	14	6	16	...
Farm laborers and farm foremen	—	48	4	—	16	14	6	8	—	—	—	—	...
Service workers, except private household ¹	82	5 025	252	228	331	367	435	892	1 042	574	476	428	45.1
Cleaning service workers	14	2 692	39	97	116	168	175	437	636	435	324	265	49.9
Food service workers	37	697	150	76	51	52	51	124	88	43	36	26	31.9
Health service workers	—	223	30	28	53	28	19	27	32	6	—	—	25.1
Personal service workers	5	292	11	17	12	39	22	48	61	35	19	28	44.4
Protective service workers	—	463	—	—	32	41	88	100	55	37	37	73	42.1
Private household workers	—	56	—	—	—	—	6	—	8	32	—	10	...
Female employed													
Professional, technical, and kindred workers	70	23 672	476	1 068	3 138	2 780	2 725	5 484	4 589	1 602	1 028	782	38.0
Registered nurses	7	3 352	25	29	231	399	298	608	454	164	87	57	38.2
Health workers, except nurses	7	341	—	—	25	89	43	73	70	20	17	4	36.8
Teachers, elementary and secondary schools	—	340	15	—	56	34	80	81	49	20	5	—	34.1
Technicians, except health	—	1 035	5	7	78	158	111	308	218	65	39	46	40.1
Other professional, technical, and kindred workers	—	24	—	—	—	—	—	6	3	4	—	—	...
Managers and administrators, except farm	—	612	5	22	72	107	64	140	114	55	26	7	37.6
Managers and administrators, except farm	—	433	8	17	32	37	59	111	100	26	36	7	40.7
Salaried	—	395	8	17	32	33	59	105	100	21	13	7	39.6
Self-employed	—	38	—	—	—	4	—	6	—	5	23	—	...
Sales workers	—	629	61	52	78	48	49	126	138	56	10	11	37.1
Retail trade	—	529	61	46	57	34	44	111	118	37	10	11	37.0
Clerical and kindred workers	12	6 343	214	584	1 341	774	753	1 379	921	238	94	45	31.7
Bookkeepers and cashiers	6	713	42	78	99	110	59	162	99	39	20	5	32.3
Office machine operators	—	485	8	23	115	99	88	111	35	6	—	—	29.9
Secretaries, stenographers, and typists	—	1 244	26	122	358	168	161	207	154	39	—	9	28.5
Other clerical and kindred workers	6	3 901	138	361	769	397	445	899	633	154	74	31	33.2
Craftsmen and kindred workers	—	400	—	28	28	77	45	85	71	12	31	23	37.6
Operatives, except transport	12	3 522	12	89	560	549	563	946	613	110	52	28	34.9
Sewers and stitchers	—	132	—	4	13	18	18	34	30	15	—	—	38.8
Laundry and drycleaning operatives, including ironers	—	2 493	6	14	55	27	72	117	145	40	17	—	41.2
Other operatives, except transport	12	2 897	6	71	492	504	473	795	438	55	35	28	34.0
Durable goods, manufacturing	—	1 962	—	60	337	356	318	560	287	27	11	6	33.6
Nondurable goods, including not specified manufacturing	12	413	—	—	86	89	76	100	52	—	10	—	32.1
Nonmanufacturing industries	—	522	6	11	69	59	79	135	99	28	14	22	37.7
Transport equipment operatives	—	61	—	—	8	—	4	8	10	5	8	4	...
Laborers, except farm	—	378	10	35	49	35	26	122	59	15	18	9	37.8
Farmers and farm managers	—	95	—	—	18	—	15	22	36	—	—	—	...
Farm laborers and farm foremen	—	44	—	—	—	9	8	14	13	—	—	—	...
Service workers, except private household ¹	35	6 827	132	230	738	774	781	1 653	1 419	544	354	202	39.6
Cleaning service workers	4	1 525	18	17	62	144	118	370	379	232	128	57	45.9
Food service workers	23	1 774	61	56	143	209	217	477	385	111	73	42	39.2
Health service workers	4	2 119	43	98									

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**

LOUISVILLE, KY.—IND., SMSA

Total

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
Total	1 652	199 711	4 910	8 004	23 184	24 813	21 196	43 509	40 744	15 584	10 769	6 998	39.1
Male employed	1 652	199 711	4 910	8 004	23 184	24 813	21 196	43 509	40 744	15 584	10 769	6 998	39.1
Professional, technical, and kindred workers	22	23 436	107	262	2 751	4 002	2 792	5 658	4 467	1 496	1 058	843	38.2
Accountants	—	2 275	4	5	247	347	237	554	435	201	145	100	40.4
Architects	—	130	—	—	—	29	16	41	8	9	23	4	39.9
Computer specialists	—	562	5	5	57	206	101	144	35	9	—	—	30.4
Engineers	—	3 662	5	13	226	535	470	1 009	807	284	206	107	40.8
Aeronautical and astronautical	—	5	—	—	—	—	—	—	5	—	—	—	...
Civil	—	453	—	—	54	57	29	98	102	28	50	35	43.8
Electrical and electronic	—	566	—	—	31	99	60	134	134	54	40	14	41.9
Mechanical	—	565	—	—	10	94	65	167	170	40	19	—	41.8
Other engineers	—	2 073	5	13	131	285	316	610	396	162	97	58	39.7
Lawyers and judges	—	977	—	—	23	148	131	208	207	112	86	62	44.0
Life and physical scientists	—	668	—	—	49	109	107	158	133	62	38	12	39.4
Chemists	—	521	—	—	39	85	79	125	108	52	28	5	39.6
Physicians, dentists, and related practitioners	—	2 172	—	—	5	190	210	570	607	221	146	223	46.8
Dentists	—	283	—	—	—	20	29	70	105	24	16	19	47.1
Pharmacists	—	476	—	—	—	64	43	94	70	73	33	99	50.3
Physicians, medical and osteopathic	—	1 262	—	—	5	86	114	382	369	114	87	105	46.2
Other related practitioners	—	151	—	—	—	20	24	24	63	10	10	—	46.2
Health technologists and technicians	—	320	5	24	75	78	11	58	36	—	10	23	28.6
Religious workers	—	1 149	—	—	144	191	79	361	219	78	36	41	39.4
Social scientists	—	272	—	—	17	34	22	80	56	32	8	23	42.9
Social and recreation workers	—	329	—	26	117	64	19	48	18	12	5	20	26.7
Teachers	—	3 409	39	45	528	750	476	785	415	193	95	83	33.6
College and university	—	789	—	24	18	88	139	303	130	58	20	9	39.1
Elementary and prekindergarten	—	546	15	9	136	118	39	107	68	32	6	16	29.8
Secondary	—	1 833	10	—	322	515	279	348	157	87	69	46	31.2
Engineering and science technicians	—	2 625	15	66	575	511	243	602	451	55	72	35	33.0
Draftsmen and surveyors	—	1 217	15	53	244	241	124	279	181	24	45	11	32.2
Electrical and electronic engineering technicians	—	369	—	—	83	81	18	68	99	12	4	4	35.4
Technicians, except health, and engineering and science	—	385	—	10	66	62	61	75	95	5	11	—	34.5
Airplane pilots	—	100	—	6	—	12	25	25	27	—	5	—	...
Writers, artists, and entertainers	—	1 862	24	55	306	302	245	366	337	109	77	41	35.0
Other professional, technical, and kindred workers	—	2 639	10	13	316	446	364	599	608	114	100	69	37.8
Managers and administrators, except farm	5	19 589	56	143	1 017	1 924	2 171	5 352	4 833	1 855	1 354	884	43.4
Buyers, purchasing agents, and sales managers	—	2 848	—	19	150	374	383	834	603	247	171	67	41.0
School administrators	—	469	5	—	13	27	52	153	109	51	38	21	44.0
Specified managers and administrators, public administration	—	853	—	5	18	40	76	142	259	132	118	63	50.6
Other specified managers and administrators	—	3 508	32	32	324	519	451	918	652	271	207	102	39.3
Managers and administrators, n.e.c., salaried	—	9 905	19	83	471	892	1 032	2 831	2 629	883	628	437	43.7
Manufacturing	—	2 885	5	6	53	207	257	876	870	296	194	121	45.4
Wholesale and retail trade	—	3 076	5	48	277	369	343	734	720	207	176	197	41.8
Transportation, communications, and other public utilities	—	910	—	8	18	65	123	238	257	102	89	10	45.1
All other industries	—	3 034	9	21	123	251	309	983	782	278	169	109	43.2
Managers and administrators, n.e.c., self-employed	—	2 006	—	4	41	72	177	474	581	271	192	194	49.0
Construction	—	432	—	—	9	17	51	134	104	57	22	38	45.5
Manufacturing	—	102	—	—	—	4	10	13	34	32	—	9	52.1
Wholesale and retail trade	—	1 017	—	4	23	42	85	221	300	115	111	116	49.5
All other industries	—	455	—	—	9	9	31	106	143	67	59	31	45.1
Sales workers	566	15 248	554	583	1 407	1 874	1 704	3 194	3 065	1 201	773	893	39.7
Insurance agents, brokers, and underwriters	—	1 884	—	—	152	310	266	496	363	144	84	69	39.3
Real estate agents and brokers	—	666	—	—	—	57	58	122	230	73	90	36	49.2
Sales representatives, manufacturing industries	—	1 977	—	9	98	201	304	560	476	136	100	93	41.7
Sales representatives, wholesale trade	—	3 289	3	17	248	506	472	766	682	277	139	179	40.2
Sales clerks, retail trade	—	3 075	175	350	483	268	212	387	508	259	168	265	36.3
Salesmen, retail trade	—	1 851	37	33	202	262	157	412	413	112	87	136	40.7
Salesmen of services and construction	—	744	13	4	42	78	79	196	147	95	57	33	43.0
Other sales workers	—	1 762	326	170	182	192	156	255	246	105	48	82	30.4
Clerical and kindred workers	55	16 393	301	815	2 653	2 135	1 731	3 036	3 076	1 156	822	668	36.8
Bank tellers and cashiers	—	609	111	95	164	27	15	52	31	37	35	42	23.0
Bookkeepers and billing clerks	—	1 404	3	20	210	248	96	244	285	117	113	68	40.1
Mail handlers and postal clerks	—	1 863	5	50	239	202	165	440	467	192	80	23	41.1
Other clerical and kindred workers	—	12 517	182	650	2 040	1 658	1 455	2 300	2 293	810	594	535	36.2
Craftsmen and kindred workers	32	44 007	242	919	4 231	5 143	4 612	10 618	10 433	3 892	2 744	1 173	41.5
Apparel craftsmen and upholsterers	—	292	6	20	—	14	67	58	34	14	13	66	41.7
Bakers	—	293	10	31	12	15	48	59	51	42	19	6	40.2
Cabinetmakers	—	310	—	4	16	36	41	54	81	46	24	8	45.5
Construction craftsmen	—	10 787	41	193	1 063	1 188	905	2 432	2 826	1 038	757	344	43.2
Carpenters	—	2 489	4	51	171	274	128	455	703	357	219	127	47.3
Excavating, grading, and road machine operators	—	588	—	10	59	31	78	147	187	28	41	7	42.9
Electricians	—	2 213	—	27	273	242	184	556	596	177	122	36	41.8
Masons and tile setters	—	746	—	17	98	99	63	218	166	15	50	20	39.4
Painters, construction and maintenance, and paperhangers	—	1 638	16	51	126	189	163	343	351	187	140	72	43.0
Plasterers and cement finishers	—	421	—	4	18	29	33	131	121	38	35	12	44.7
Plumbers and pipe fitters	—	2 084	11	19	215	235	203	447	551	218	133	52	43.0
Other construction craftsmen	—	608	10	14	103	89	53	135	151	18	17	18	37.6
Foremen, n.e.c.	—	7 521	9	15	288	750	860	2 015	2 094	793	565	132	44.1
Manufacturing	—	4 989	9	11	192	559	641	1 357	1 291	539	315	75	43.0
Nonmanufacturing industries	—	2 532	—	4	96	191	219	658	803	254	250	57	46.2
Linemen and servicemen, telephone and power	—	1 184	5	68	335	198	125	241	174	14	19	5	29.6
Locomotive engineers and firemen	—	392	—	—	39	36	31	81	88	80	20	17	46.0
Mechanics and repairmen	—	10 740	81	258	1 037	1 375	1 200	2 840	2 418	826	524	181	40.0
Air conditioning, heating, and refrigeration	—	599	—	11	46	55	78	211	135	50	5	8	40.2
Aircraft	—	157	6	12	6	15	21	57	34	6	—	—	38.2
Automobile, including body	—	3 549	39	146	406	557	468	894	613	210	164	52	36.8
Radio and television	—	614	11	—	106	111	38	139	148	34	23	4	37.9
Other mechanics and repairmen	—	5 821	25	89	473	637	595	1 539	1 488				

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**

LOUISVILLE, 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	111	36 918	657	2 240	5 706	5 320	4 330	7 789	6 597	2 271	1 542	466	35.3
Assemblers.....	5	6 296	40	511	1 522	1 303	948	1 030	631	159	122	30	29.1
Checkers, examiners, and inspectors, manufacturing.....	—	2 205	—	56	220	323	228	541	501	190	117	29	40.1
Garage workers and gas station attendants.....	10	1 468	341	380	230	104	55	119	135	34	44	26	20.3
Laundry and drycleaning operatives, n.e.c.....	—	231	9	33	24	22	9	35	56	27	8	8	40.3
Meat cutters and butchers.....	—	957	25	36	111	108	129	205	186	63	62	32	38.4
Mine operatives, n.e.c.....	—	61	—	—	—	7	4	36	14	—	—	—	...
Packers and wrappers, except produce.....	4	1 498	30	161	293	180	132	283	233	131	38	17	33.2
Pointers, manufactured articles.....	—	755	4	15	90	116	72	208	162	57	26	5	38.9
Precision machine operatives.....	—	1 308	5	27	173	164	124	319	301	76	95	24	40.0
Sawyers.....	—	407	—	6	51	33	57	102	70	23	60	5	40.5
Stationary firemen.....	—	686	—	—	29	49	47	121	224	98	108	10	49.3
Textile operatives.....	—	44	—	6	5	—	—	10	19	—	—	4	...
Welders and flamecutters.....	—	2 784	9	140	457	369	413	537	546	180	89	44	35.1
Other metalworking operatives.....	—	1 810	33	65	202	332	197	381	350	142	103	5	37.0
Other specified operatives.....	53	5 070	80	232	693	654	628	1 045	1 031	335	274	98	37.4
Miscellaneous and not specified operatives.....	39	11 338	81	572	1 606	1 556	1 287	2 817	2 138	756	396	129	37.0
Occupation:													
Machine operatives, miscellaneous specified.....	15	4 591	15	179	740	668	497	1 168	841	279	162	42	36.7
Machine operatives, not specified.....	5	2 987	10	116	299	412	353	808	596	259	95	39	38.8
Miscellaneous operatives.....	15	2 420	39	180	382	322	259	524	470	117	98	29	35.5
Not specified operatives.....	4	1 340	17	97	185	154	178	317	231	101	41	19	36.2
Industry:													
Manufacturing.....	20	10 303	63	517	1 383	1 456	1 203	2 613	1 938	683	334	113	37.0
Durable goods.....	5	5 410	38	219	787	698	579	1 376	1 115	359	174	65	37.8
Wood products, including furniture.....	—	630	8	28	53	64	28	141	167	80	29	32	44.5
Primary metal industries.....	—	507	—	8	25	20	52	181	156	36	25	4	43.2
Fabricated metal industries.....	—	631	5	30	61	59	53	153	160	67	34	9	42.0
Machinery, including electrical.....	5	2 220	6	118	331	346	257	570	400	136	56	—	35.9
Motor vehicles and equipment.....	—	268	—	—	23	52	50	91	37	10	5	—	36.0
Transportation equipment, except motor vehicles.....	—	36	—	—	7	6	5	9	—	—	—	—	...
Other durable goods.....	—	1 118	19	35	287	151	134	231	195	30	20	16	32.5
Nondurable goods.....	15	4 806	25	291	587	744	611	1 220	813	312	155	48	36.2
Food and kindred products.....	9	1 066	—	76	110	124	115	293	209	78	49	12	38.7
Apparel and other fabricated textile products.....	—	9	—	—	6	—	—	—	3	—	—	—	...
Paper and allied products.....	—	445	5	48	84	121	33	107	28	7	12	—	28.5
Chemicals and allied products.....	—	1 592	—	17	103	181	240	501	340	144	48	18	40.1
Other nondurable goods.....	6	1 694	20	150	284	318	223	319	236	80	46	18	31.7
Not specified manufacturing industries.....	—	87	—	7	9	14	13	17	10	12	5	—	...
Nonmanufacturing industries.....	19	1 035	18	55	223	100	84	204	200	73	62	16	36.8
Transportation, communications, and other public utilities.....	—	310	6	14	73	33	31	48	63	16	26	—	34.7
Wholesale and retail trade.....	5	392	6	9	90	33	25	70	86	26	31	16	39.7
All other industries.....	14	333	6	32	60	34	28	86	51	31	5	—	35.8
Transport equipment operatives.....	66	14 278	180	611	1 526	1 702	1 658	3 352	3 162	1 239	519	329	39.4
Bus drivers.....	—	574	—	—	26	25	66	123	213	70	46	5	47.2
Toxicob drivers and chauffeurs.....	—	460	—	—	48	13	38	100	131	71	15	44	47.4
Truck drivers and deliverymen.....	19	9 289	129	336	971	1 123	1 099	2 235	2 155	795	295	151	39.4
Other transport equipment operatives.....	47	3 955	51	275	481	541	455	894	663	303	163	129	37.0
Laborers, except farm.....	257	13 682	1 102	1 554	2 296	1 362	1 043	2 126	2 248	961	576	414	32.5
Construction laborers.....	18	1 964	39	121	300	219	163	400	400	179	95	48	38.5
Freight, stock, and material handlers.....	96	6 467	704	998	1 208	640	483	939	966	287	198	44	27.5
Other specified laborers.....	132	2 512	231	195	334	181	209	379	354	260	141	228	37.8
Miscellaneous and not specified laborers.....	11	2 739	128	240	454	322	188	408	528	235	142	94	35.9
Occupation:													
Miscellaneous laborers.....	—	706	29	23	122	102	28	124	158	76	31	13	39.0
Not specified laborers.....	11	2 033	99	217	332	220	160	284	370	159	111	81	34.6
Industry:													
Manufacturing.....	—	1 737	27	135	315	265	150	308	324	110	74	29	34.2
Durable goods.....	—	1 123	13	89	169	190	90	204	203	93	48	24	35.5
Wood products, including furniture.....	—	153	7	—	6	18	8	28	55	15	5	11	46.7
Metal industries.....	—	207	6	11	37	29	17	33	42	23	9	—	36.1
Machinery, including electrical.....	—	332	—	39	39	64	24	76	58	15	9	8	35.0
Transportation equipment.....	—	97	—	5	26	4	20	10	6	—	—	—	...
Other durable goods.....	—	334	—	34	61	53	37	47	38	34	25	5	32.6
Nondurable goods.....	—	608	14	40	146	75	60	104	121	17	26	5	32.4
Food and kindred products.....	—	227	5	14	59	18	22	38	56	5	10	—	34.0
Not specified manufacturing industries.....	—	6	—	6	—	—	—	—	—	—	—	—	...
Nonmanufacturing industries.....	11	1 002	101	105	139	57	38	100	204	125	68	65	41.1
Railroads and railway express service.....	—	174	—	12	18	5	9	16	40	40	15	19	51.8
Transportation, except railroads.....	—	63	—	—	10	8	—	6	15	6	18	—	...
Communications, and utilities and sanitary services.....	—	148	6	—	9	5	9	11	70	23	9	6	49.9
Wholesale and retail trade.....	11	340	53	55	41	35	10	49	29	26	17	25	28.0
All other industries.....	—	277	42	38	61	4	10	18	50	30	9	15	24.8
Farmers and farm managers.....	6	884	—	5	59	62	67	107	200	94	118	172	52.1
Farm laborers and farm foremen.....	51	652	85	28	92	60	39	57	120	63	45	63	38.9
Paid farm laborers and farm foremen.....	43	579	62	28	78	46	31	43	120	63	45	63	45.1
Unpaid family workers.....	8	73	23	—	14	14	8	14	—	—	—	—	...
Service workers, except private household ¹	466	14 411	1 602	829	1 439	1 224	1 049	2 215	2 499	1 326	1 168	1 060	39.8
Cleaning service workers.....	176	5 221	458	286	425	299	303	731	1 081	660	492	486	46.0
Food service workers.....	163	2 948	908	310	305	183	125	299	431	167	119	101	24.2
Cooks, except private household.....	33	1 023	353	127	108	35	62	102	158	58	10	10	21.5
Busboys and dishwashers.....	78	622	352	129	41	29	5	11	27	9	5	14	17.8
Health service workers.....	5	430	10	40	85	67	19	99	77	22	4	7	33.4
Personal service workers.....	25	1 433	106	107	149	153	102	260	176	88	141	151	38.8
Protective service workers.....	10	3 519	18	36	377	413	394	704	636	318	350	273	42.4
Firemen, fire protection.....	—	661	—	19	167	97	117	155	75	26	—	5	32.0
Guards and watchmen.....	10	1 587	18	10	83	92	99	182	343	243	289	228	54.0
Policemen and detectives.....	—	1 095	—	7	122	195	172	324	183	26	45	21	36.6
Private household workers.....	15	213	24	15	7	5	—	5	44	30	50	33	56.1

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

LOUISVILLE, 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	737	121 469	2 690	6 357	18 870	12 814	10 684	24 052	24 598	9 479	6 988	4 937	38.9
Professional, technical, and kindred workers	15	17 939	92	177	3 568	2 763	1 645	3 414	3 170	1 314	1 057	739	37.1
Accountants.....	—	646	—	21	73	53	57	157	176	47	22	—	42.6
Computer specialists.....	—	144	—	—	69	31	10	29	—	5	—	—	25.5
Librarians.....	—	284	4	—	31	33	14	50	62	48	24	18	46.6
Mathematical specialists.....	—	43	—	—	9	—	15	—	9	—	10	—	...
Life and physical scientists.....	—	24	—	—	—	5	—	—	9	—	—	—	...
Registered nurses, dietitians, and therapists.....	—	3 293	4	24	554	426	363	647	673	355	144	103	39.3
Dietitians.....	—	160	4	5	5	14	25	26	24	12	32	13	45.4
Registered nurses.....	—	3 003	—	13	532	381	332	603	616	334	102	90	39.0
Health technologists and technicians.....	—	1 017	5	19	300	218	88	144	159	47	26	11	29.2
Social scientists.....	—	25	—	—	13	—	—	7	—	—	—	—	...
Social and recreation workers.....	—	736	19	23	194	158	37	97	73	79	35	21	29.2
Teachers: College and university.....	—	326	—	—	45	33	48	90	40	37	28	5	39.1
Elementary and prekindergarten.....	10	5 675	33	21	1 099	853	524	1 097	957	410	434	247	37.8
Secondary.....	—	2 212	—	—	473	517	178	359	333	93	160	99	33.3
Other teachers.....	—	424	20	34	64	31	41	74	51	19	30	60	38.0
Engineering and science technicians.....	—	488	—	21	129	39	22	94	148	30	—	5	38.5
Technicians, except health, and engineering and science.....	—	25	—	—	—	—	—	17	—	8	—	—	...
Writers, artists, and entertainers.....	5	744	4	6	198	78	68	168	124	36	24	38	36.1
Actors and dancers.....	—	22	—	—	22	—	—	9	—	—	—	—	...
Authors, editors, and reporters.....	—	162	—	—	29	28	9	42	44	—	10	—	38.6
Other professional, technical, and kindred workers.....	—	1 833	3	8	317	288	180	379	351	100	115	92	38.2
Managers and administrators, except farm	—	3 664	5	30	175	264	281	809	1 066	461	299	274	47.5
Buyers, purchasing agents, and sales managers.....	—	458	—	—	34	34	29	84	177	54	41	5	47.7
Restaurant, cafeteria, and bar managers.....	—	510	—	—	6	10	59	126	159	66	47	37	48.4
School administrators.....	—	254	—	4	—	—	30	68	77	29	32	14	48.2
Other specified managers and administrators.....	—	758	5	16	80	95	49	144	220	62	45	42	44.3
Managers and administrators, n.e.c., salaried.....	—	1 314	—	10	55	120	109	303	309	191	96	121	46.9
Wholesale and retail trade.....	—	499	—	10	34	39	30	121	116	81	43	25	46.3
Managers and administrators, n.e.c., self-employed.....	—	370	—	—	—	5	5	84	124	59	38	55	52.3
Wholesale and retail trade.....	—	169	—	—	—	5	5	64	33	16	23	23	48.2
Sales workers	76	9 166	512	761	859	589	634	1 587	1 918	894	755	657	42.7
Demonstrators, hucksters, and peddlers.....	—	520	9	25	30	70	48	134	77	42	45	40	40.8
Insurance, real estate agents, and brokers.....	5	604	—	19	52	27	57	152	139	62	49	47	44.7
Sales clerks, retail trade.....	41	6 441	422	609	578	316	393	1 017	1 380	672	572	482	43.9
Salesmen, retail trade.....	—	223	—	—	38	11	21	50	58	14	20	11	43.3
Other sales workers.....	30	1 378	81	108	161	165	115	234	264	104	69	77	37.5
Clerical and kindred workers	121	43 728	915	3 725	9 536	5 000	3 917	7 965	7 311	2 533	1 847	979	33.4
Bank tellers.....	—	713	—	41	151	130	89	165	91	14	32	—	31.9
Bookkeepers.....	—	5 892	65	269	932	562	584	1 252	1 259	407	385	177	39.3
Cashiers.....	8	3 004	235	315	517	239	200	628	470	204	118	78	34.9
Counter clerks, except food.....	—	724	35	43	115	53	59	123	176	84	32	4	39.6
Enumerators and interviewers.....	—	146	—	—	29	20	11	30	31	16	9	—	39.3
File clerks.....	17	1 284	69	245	346	127	65	147	137	59	60	29	24.7
Office machine operators.....	5	2 215	25	159	666	381	231	376	227	59	73	18	28.4
Bookkeeping and billing machine operators.....	—	275	—	21	73	53	33	42	25	16	12	—	29.1
Keypunch operators.....	5	1 287	15	96	440	261	159	188	87	32	9	—	26.8
Payroll and timekeeping clerks.....	—	711	—	41	101	80	115	193	121	22	34	4	36.0
Receptionists.....	5	1 054	18	132	241	159	76	191	136	44	26	31	29.3
Secretaries.....	—	10 435	63	640	2 498	1 259	1 028	1 916	1 770	578	427	256	33.7
Stenographers.....	—	444	39	34	87	45	21	82	88	43	32	12	39.3
Telephone operators.....	—	1 658	39	236	347	137	95	312	274	123	58	37	33.7
Typists.....	13	4 327	123	623	1 210	595	313	593	490	198	126	56	26.7
Other clerical and kindred workers.....	73	11 121	243	947	2 296	1 213	1 030	1 957	2 041	682	435	277	34.2
Craftsmen and kindred workers	13	2 291	34	124	267	174	153	540	492	226	169	112	42.3
Foremen, n.e.c.....	9	499	6	15	16	37	10	135	155	59	48	18	47.0
Operatives, except transport	97	18 274	101	428	1 607	1 959	1 994	4 654	4 498	1 512	989	532	41.5
Assemblers.....	5	2 413	6	28	308	370	285	661	558	128	51	18	38.2
Battling and canning operatives.....	—	393	—	—	6	4	6	124	146	59	38	10	48.9
Checkers, examiners, and inspectors; manufacturing.....	—	2 517	4	46	198	354	284	638	657	199	114	23	40.8
Dressmakers and seamstresses, except factory.....	—	562	4	16	5	17	43	97	105	85	90	100	54.4
Laundry and dry cleaning operatives, including ironers.....	—	1 413	11	50	131	82	114	355	395	143	85	47	44.0
Graders and sorters, manufacturing.....	—	82	4	—	9	11	—	27	—	26	—	—	...
Packers and wrappers, except produce.....	—	1 904	—	35	201	248	190	514	444	154	77	41	40.4
Sewers and stitchers.....	—	2 613	4	33	117	262	278	670	703	301	146	99	44.1
Textile operatives.....	—	42	—	—	—	—	—	10	22	—	—	—	...
Other specified operatives.....	92	2 499	56	108	235	243	337	623	482	158	142	115	39.3
Miscellaneous and not specified operatives.....	—	3 836	12	112	397	358	457	935	986	259	246	74	41.2
Manufacturing.....	—	3 456	12	84	374	332	419	878	897	228	194	38	40.8
Durable goods.....	—	1 271	—	30	124	158	179	328	328	94	48	9	39.8
Machinery, including electrical.....	—	295	—	19	23	36	45	77	74	16	—	5	38.2
Other durable goods.....	—	976	—	11	101	122	134	224	254	78	48	4	40.4
Nondurable goods, including not specified manufacturing.....	—	2 185	12	54	250	174	240	577	569	134	146	29	41.3
Food and kindred products.....	—	371	—	5	16	21	23	73	162	32	31	8	47.9
Apparel and other fabricated textile products.....	—	186	—	18	26	5	32	27	50	5	17	6	39.4
Nonmanufacturing industries.....	—	380	—	28	23	26	38	57	89	31	52	36	47.0
Transport equipment operatives.....	4	621	—	11	51	35	109	210	149	25	23	8	40.0
Laborers, except farm.....	5	1 601	16	64	175	194	152	384	389	124	55	48	40.2
Farmers and farm managers.....	7	82	—	—	4	—	—	12	19	5	7	30	...
Farm laborers and farm foremen.....	—	126	4	—	13	15	11	35	30	5	5	8	40.7
Paid farm laborers and farm foremen.....	—	73	4	—	3	10	11	30	10	—	—	—	...
Unpaid family workers.....	—	53	—	—	10	5	—	5	20	—	5	8	...
Service workers, except private household¹	257	19 670	887	963	2 475	1 678	1 598	3 835	4 430	1 821	1 169	814	40.8
Cleaning service workers.....	19	2 919	90	46	146	199	217	564	836	371	257	193	47.4
Chambermaids and maids.....	4	772	18	26	31	55	63	127	213	96	74	69	48.1
Food service workers.....	136	7 845	638	459	836	580	625	1 701	1 677				

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**

LOUISVILLE, KY.—IND., SMSA—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		
Negro													
Male employed													
Professional, technical, and kindred workers	137	18 640	415	773	2 081	2 033	1 703	3 806	3 773	1 823	1 285	948	41.1
Engineers	—	860	—	12	158	159	101	175	117	42	59	37	35.0
Lawyers and judges	—	50	—	—	19	13	6	8	—	—	4	—	—
Life and physical scientists	—	4	—	—	—	—	—	4	—	—	—	—	—
Physicians, dentists, and related practitioners	—	31	—	—	—	4	11	6	—	10	—	—	—
Health workers, except practitioners	—	23	—	—	—	4	—	14	—	—	5	—	—
Social and recreation workers	—	33	—	—	11	3	—	5	14	—	—	—	—
Teachers	—	59	—	6	28	21	—	4	—	—	—	—	—
Technicians, except health	—	186	—	6	19	35	31	23	18	21	21	12	35.9
Writers, artists, and entertainers	—	91	—	—	12	22	—	34	17	—	—	6	—
Other professional, technical, and kindred workers	—	63	—	—	21	13	5	7	7	—	10	—	—
Managers and administrators, except farm	—	320	—	—	48	44	48	70	61	11	19	19	37.9
Salaried	5	381	5	8	29	31	17	131	73	58	16	13	42.7
Self-employed	5	301	5	8	29	31	17	103	49	38	11	10	40.9
Manufacturing	—	44	5	—	—	15	—	14	—	6	—	4	—
Retail trade	—	47	—	—	—	—	—	10	—	—	—	—	—
All other industries	—	193	—	8	5	6	5	34	6	—	—	—	—
Self-employed	—	80	—	—	24	10	12	55	43	32	11	6	44.2
Retail trade	—	47	—	—	—	—	—	28	24	20	5	3	—
All other industries	—	33	—	—	—	—	—	10	17	15	5	—	—
Sales workers	14	350	11	38	61	42	21	64	26	28	21	38	35.3
Manufacturing and wholesale trade	14	82	5	16	11	9	5	8	—	3	—	25	—
Retail trade	—	183	—	22	34	22	12	46	—	20	14	13	35.3
All other industries	—	85	6	—	16	11	4	10	26	5	7	—	—
Clerical and kindred workers	7	1 221	5	38	156	134	105	212	317	113	80	61	43.1
Bookkeepers and billing clerks	—	42	—	—	11	—	4	5	8	6	—	8	—
Mail handlers and postal clerks	—	364	—	4	11	12	30	74	130	52	40	11	48.9
Other clerical and kindred workers	7	815	5	34	134	122	71	133	179	55	40	42	38.1
Craftsmen and kindred workers	—	2 369	23	82	217	250	235	577	527	178	192	88	41.5
Carpenters	—	46	—	—	—	—	5	13	8	—	9	11	—
Construction craftsmen, except carpenters	—	616	—	5	63	51	34	132	176	40	86	29	46.3
Automobile mechanics, including body repairmen	—	141	6	4	3	23	17	33	24	6	18	7	40.3
Mechanics and repairmen, except auto	—	303	—	4	35	21	32	109	52	36	10	4	40.5
Machinists	—	40	—	9	—	11	11	5	4	—	—	—	—
Metal craftsmen, except mechanics and machinists	—	109	—	4	12	4	9	37	21	18	4	—	—
Foremen, n.e.c.	—	279	—	—	15	25	42	82	77	16	9	13	42.0
Other craftsmen and kindred workers	—	835	17	56	89	115	85	166	165	62	56	24	38.3
Operatives, except transport	16	4 541	49	192	717	720	541	1 025	762	263	183	89	35.5
Assemblers	—	965	13	59	227	253	136	195	59	15	4	4	28.6
Garage workers and gas station attendants	—	124	3	—	27	10	9	34	25	4	4	5	37.9
Laundry and drycleaning operatives, including ironers	5	128	—	5	9	25	9	15	21	24	14	6	45.5
Precision machine operatives	—	88	—	—	9	15	6	17	29	8	—	—	—
Other operatives, except transport	11	3 236	33	125	445	417	381	764	628	212	157	74	37.8
Durable goods, manufacturing	—	1 583	5	62	250	225	179	363	292	96	86	25	36.9
Nondurable goods, including not specified manufacturing	11	1 102	7	44	159	134	142	303	179	70	40	24	37.1
Nonmanufacturing industries	—	551	21	19	36	58	40	98	157	46	31	25	43.3
Transport equipment operatives	12	1 699	11	51	168	121	165	414	360	241	93	75	43.1
Truck drivers	—	654	—	7	47	53	62	152	151	115	51	16	45.4
Other transport equipment operatives	12	1 045	11	44	121	68	103	262	209	126	42	59	41.7
Laborers, except farm	19	3 183	48	156	345	298	229	617	739	410	188	153	43.4
Construction laborers	—	670	—	10	45	70	55	172	165	84	30	39	44.0
Freight, stock, and material handlers	11	1 125	26	75	164	119	68	240	272	111	35	15	39.6
Other laborers, except farm	8	1 388	22	71	136	109	106	205	302	215	123	99	46.5
Manufacturing industries	—	590	4	29	75	71	66	112	108	80	45	—	39.5
Farmers and farm managers	—	55	—	5	5	13	—	3	19	—	10	—	—
Farm laborers and farm foremen	5	112	—	—	15	19	5	5	29	19	5	15	49.1
Service workers, except private household ¹	54	3 702	256	185	210	241	284	578	763	441	398	346	46.3
Cleaning service workers	32	2 215	95	72	111	114	126	331	523	323	272	248	49.9
Food service workers	22	620	137	62	42	37	54	76	85	45	44	38	33.0
Health service workers	—	115	—	14	6	—	5	50	30	6	4	—	41.5
Personal service workers	—	218	8	27	10	21	28	30	31	19	23	21	40.0
Protective service workers	—	186	—	—	19	18	24	27	58	7	20	13	45.9
Private household workers	5	167	7	6	—	5	—	5	41	30	40	33	58.3
Female employed													
Professional, technical, and kindred workers	7	1 667	226	594	2 068	1 698	1 659	3 440	3 453	1 164	981	781	40.2
Registered nurses	—	187	—	—	33	—	47	60	34	5	8	—	37.3
Health workers, except nurses	—	144	—	—	—	29	23	38	30	9	15	—	40.3
Teachers, elementary and secondary schools	7	769	5	6	89	141	66	130	161	75	64	32	41.0
Technicians, except health	—	54	—	—	6	4	5	30	4	—	—	5	—
Other professional, technical, and kindred workers	—	513	4	21	90	38	63	108	104	46	17	22	38.8
Managers and administrators, except farm	—	169	—	—	4	—	20	15	62	42	—	8	18
Salaried	—	146	—	—	—	—	20	15	53	32	—	8	14
Self-employed	—	23	—	—	—	—	—	—	10	—	—	—	4
Sales workers	8	327	11	47	24	37	43	70	51	5	27	12	35.2
Retail trade	8	273	11	42	24	26	36	62	47	—	13	12	34.7
Clerical and kindred workers	13	2 733	101	297	829	432	330	401	221	79	24	19	26.5
Bookkeepers and cashiers	—	210	15	21	62	16	25	36	26	4	5	—	27.2
Office machine operators	5	179	—	5	62	40	23	29	9	8	3	—	27.3
Secretaries, stenographers, and typists	6	708	26	70	275	125	48	92	43	20	4	5	24.7
Other clerical and kindred workers	2	1 636	60	201	430	251	234	244	143	47	12	14	27.5
Craftsmen and kindred workers	—	199	4	18	22	19	26	43	40	12	—	15	37.4
Operatives, except transport	18	3 025	6	27	364	458	422	803	613	180	79	73	37.9
Sewers and stitchers	—	455	—	—	24	73	70	119	115	32	3	19	40.1
Laundry and drycleaning operatives, including ironers	—	605	—	6	53	39	58	173	172	55	38	11	43.5
Other operatives, except transport	18	1 965	6	21	287	346	294	511	326	93	38	43	35.6
Durable goods, manufacturing	5	980	—	—	147	201	146	258	188	30	4	6	34.9
Nondurable goods, including not specified manufacturing	13	759	6	11	134	130	114	208	78	34	16	28	34.3
Nonmanufacturing industries	—	226	—	10	6	15	34	45	60	29	18	9	45.5
Transport equipment operatives	—	62	—	—	—	5	9	18	20	5	5	—	—
Laborers, except farm	5	368	6	35	32	37	38	94	60	33	20	13	38.8
Farmers and farm managers	—	—	—	—	—	—	—	—	—	—	—	—	—
Farm laborers and farm foremen	—	36	—	—	3	10	—	13	10	—	—	—	—
Service workers, except private household ¹	41	4 528	78	121	522	387	445	1 057	1 137	323	293	165	41.7
Cleaning service workers	4	1 369	36	15	55	94	122	318	378	148	136	67	46.2
Food service workers	8	1 085	19	25	136	74	93	245	344	43	59	47	43.0
Health service workers	—	1 065	5	39	198	132	132	312	159	38	32	18	35.8
Practical nurses	—	274	—	—	28	36	31	101	49	6	14	9	39.2
Personal service workers	7	552	13	12	51								

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

SOUTH BEND 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	849	69 737	2 192	3 005	7 918	7 508	6 263	14 472	14 822	6 237	4 629	2 691		40.5
Professional, technical, and kindred workers	13	9 850	21	73	1 367	1 735	1 149	2 410	1 766	649	392	288		37.4
Accountants		886			127	150	87	192	206	55	30	39		39.1
Architects		65				12	5	15	27		6			...
Computer specialists		190			14	81	40	40	15					30.0
Engineers	7	1 756		6	118	196	228	554	441	112	75	26		41.0
Aeronautical and astronautical		152					15	65	45	9	18			44.4
Civil	7	132			16	21	18	53	13	6	5			37.1
Electrical and electronic		237		6	11	28	27	99	50	11	5			39.7
Mechanical		408			31	35	50	143	107	11	25	6		41.2
Other engineers		827			60	112	118	194	226	75	22	20		41.4
Lawyers and judges		286			6	39	50	56	67	15	13	40		43.6
Life and physical scientists		176			14	38	28	16	53	22	5			40.0
Chemists		130			5	32	14	10	47	22				45.9
Physicians, dentists, and related practitioners		588			10	62	43	150	173	70	49	31		46.7
Dentists		98					5	27	28	16	11	11		...
Pharmacists		94			6	13		15	28	8	15	9		...
Physicians, medical and osteopathic		322			4	30	38	77	97	42	23	11		46.2
Other related practitioners		74				19		31	20	4				...
Health technologists and technicians		55			9	20	12	10	4					...
Religious workers		297			5	21	39	81	70	48	14	19		45.4
Social scientists		86				21	12	25	8	4	6	10		...
Social and recreation workers		88	5		14	15	7	26	9	8	4			...
Teachers		2 284		14	321	644	289	544	216	130	85	41		32.8
College and university		913		5	113	232	139	207	117	49	35	16		33.8
Elementary and prekindergarten		373		5	82	172	15	64	18	17				27.9
Secondary		950			126	229	129	265	67	64	45	25		34.7
Engineering and science technicians		1 227	11	17	304	155	134	253	214	87	41	11		34.7
Draftsmen and surveyors		686	6	8	168	109	61	166	122	22	19	5		34.3
Electrical and electronic engineering technicians		111			27	17	17	30	15	5				33.4
Technicians, except health, and engineering and science		121		6	11	24	16	28	20	8	4	4		36.3
Airplane pilots		38			4	4	11	14	5					...
Writers, artists, and entertainers		571	5	14	83	75	55	153	95	46	13	32		38.5
Other professional, technical, and kindred workers	6	1 174		16	331	182	104	267	148	44	47	35		32.8
Managers and administrators, except farm	7	6 961	5	17	328	465	785	1 809	1 787	835	586	344		45.4
Buyers, purchasing agents, and sales managers		1 065			62	73	104	289	253	141	93	50		45.2
School administrators		263				5	27	79	82	37	33			47.5
Specified managers and administrators, public administration		281			8	5	16	57	74	47	45	29		52.4
Other specified managers and administrators		1 141		7	60	102	188	287	298	76	82	41		42.4
Managers and administrators, n.e.c., salaried	7	3 450	5	10	194	249	401	917	837	420	245	172		44.4
Manufacturing		1 248			89	74	121	349	327	175	74	39		44.7
Wholesale and retail trade		1 010	5	10	62	115	113	212	250	133	55	55		44.4
Transportation, communications, and other public utilities		298			4	4	26	84	105	20	15	24		46.4
All other industries	7	894			39	40	141	272	155	92	101	54		43.3
Managers and administrators, n.e.c., self-employed		761			4	31	49	180	243	114	88	52		49.8
Construction		93				5		31	33	14	6	4		...
Manufacturing		54					6	22	16	10				...
Wholesale and retail trade		436			4	26	26	73	142	75	72	18		51.3
All other industries		178					17	54	52	15	10	30		48.5
Sales workers	361	4 912	307	133	437	488	479	1 042	1 008	386	330	302		40.9
Insurance agents, brokers, and underwriters		504			36	63	61	169	85	40	28	22		40.4
Real estate agents and brokers		203			6	10	23	37	56	27	32	12		49.6
Sales representatives, manufacturing industries	5	663	2	7	69	90	61	187	150	46	15	36		40.5
Sales representatives, wholesale trade		1 177	13	4	74	114	147	339	307	61	61	57		42.0
Sales clerks, retail trade	14	1 037	149	66	130	104	77	131	154	110	63	53		34.5
Salesmen, retail trade	5	638	10	10	76	55	58	85	131	60	67	86		46.9
Salesmen of services and construction		228	8	5	21	13	21	37	64	26	28	5		46.4
Other sales workers	337	462	125	41	25	39	31	57	61	16	36	31		30.2
Clerical and kindred workers	33	5 064	80	227	812	555	377	919	1 104	417	343	230		40.2
Bank tellers and cashiers		95	5	20	14	6	6	25	10	4		5		...
Bookkeepers and billing clerks	3	375	12	4	31	46	28	65	93	29	32	35		45.2
Mail handlers and postal clerks	4	688		30	62	26	53	175	261	47	24	10		44.9
Other clerical and kindred workers	26	3 906	63	173	705	477	290	654	740	337	287	180		38.7
Craftsmen and kindred workers	14	14 675	135	364	1 651	1 680	1 456	3 401	3 397	1 337	872	382		41.0
Apparel craftsmen and upholsterers		79		5	12		5	13	23	10	5	6		...
Bakers	4	139	10	19		19	9	26	15	10	31			39.8
Cabinetmakers		156			16	21	11	53	29	9	12	5		40.7
Construction craftsmen		3 462	60	93	379	378	368	884	758	249	228	65		40.1
Carpenters		1 157	31	23	113	110	105	260	271	97	111	36		42.6
Excavating, grading, and road machine operators		248			19	10	27	107	37	27	14	7		41.4
Electricians		625	5	28	104	64	84	158	120	35	27			36.7
Masons and tile setters		221			32	39	29	68	32	16	5			36.5
Painters, construction and maintenance, and paperhangers		300	20	18	13	22	33	33	77	42	26	16		46.4
Plasterers and cement finishers		116		4	9	10	15	58	20					38.4
Plumbers and pipe fitters		521		5	54	79	45	136	151	18	27	6		40.7
Other construction craftsmen		274	4	15	35	44	30	64	50	14	18			36.4
Foremen, n.e.c.		2 179		5	110	182	195	599	626	269	133	60		45.0
Manufacturing		1 412		5	69	127	106	385	420	202	83	15		45.3
Nonmanufacturing industries		767			41	55	89	214	206	67	50	45		44.3
Linemen and servicemen, telephone and power		570		10	76	145	80	154	80	8	11	6		33.4
Locomotive engineers and firemen		37			11	9		5	5	7				...
Mechanics and repairmen	5	3 469	42	120	408	447	363	809	700	286	191	103		39.4
Air conditioning, heating, and refrigeration		130			8	4	10	36	30	12	19	11		47.3
Aircraft		80				6	6	3	48	6	5	6		...
Automobile, including body	5	1 512	22	94	225	205	167	308	282	97	71	41		36.4
Radio and television		182		7	10	32	27	63	33	5	5			37.4
Other mechanics and repairmen		1 565	20	19	165	200	153	399	307	166	91	45		40.7
Metal craftsmen, except mechanics		2 277	5	43	225	228	227	452	645	277	145	30		44.1
Machinists and job and die setters		922		8	90	67	65	165	276	155	86	10		47.4
Sheetmetal workers and tinsmiths		215	5	6	39	26	4	38	66	21	10			42.2
Tool and die makers		588			15	53	69	118	158	55	39	4		41.8
Other metal craftsmen		552			43	66	81	131	145	46	20	6		40.5
Printing craftsmen		441	18	27	38	50								

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

SOUTH BEND 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	50	12 481	335	694	1 491	1 423	968	2 209	2 870	1 264	946	281	41.0
Assemblers	—	1 661	13	79	192	212	113	280	460	173	117	22	42.9
Checkers, examiners, and inspectors; manufacturing	—	985	—	22	91	39	35	113	346	166	168	5	50.6
Garage workers and gas station attendants	16	613	200	110	88	34	33	37	44	20	17	30	19.9
Laundry and drycleaning operatives, n.e.c.	5	119	5	26	11	6	9	—	14	13	20	15	46.9
Meat cutters and butchers	—	413	6	17	58	65	36	58	67	53	15	38	39.2
Mine operatives, n.e.c.	—	18	—	—	—	—	—	—	7	—	—	—	—
Packers and wrappers, except produce	—	343	5	30	33	31	20	64	57	53	50	—	43.2
Painters, manufactured articles	—	283	—	7	37	48	38	58	56	13	22	4	37.0
Precision machine operatives	—	1 593	—	48	184	190	111	253	426	187	155	39	45.2
Sawyers	—	120	13	—	5	—	10	32	34	13	8	5	45.0
Stationary firemen	—	129	—	—	5	—	10	32	20	37	22	3	53.8
Textile operatives	—	5	—	—	—	—	5	—	—	—	—	—	—
Welders and flamecutters	—	1 077	6	65	133	165	109	227	229	80	47	16	37.7
Other metalworking operatives	—	1 027	6	40	134	147	90	200	281	71	45	13	39.8
Other specified operatives	20	1 385	61	70	160	186	117	263	228	103	124	73	38.7
Miscellaneous and not specified operatives	9	2 710	20	180	360	289	232	592	608	275	136	18	39.6
Occupation:													
Machine operatives, miscellaneous specified	9	1 225	—	100	214	90	71	295	292	115	48	—	39.7
Machine operatives, not specified	—	506	13	34	40	80	65	97	101	51	25	—	37.2
Miscellaneous operatives	—	601	7	27	80	68	57	118	117	63	46	18	40.2
Not specified operatives	—	378	—	19	26	51	39	82	98	46	17	—	41.6
Industry:													
Manufacturing	4	2 424	20	145	314	281	203	525	569	234	125	8	39.7
Durable goods	—	1 647	13	113	224	247	137	329	357	120	99	8	37.7
Wood products, including furniture	—	66	—	5	12	5	6	8	15	5	10	—	—
Primary metal industries	—	178	—	5	15	10	20	47	50	14	17	—	43.3
Fabricated metal industries	—	199	13	22	36	30	5	21	46	4	22	—	29.8
Machinery, including electrical	—	524	—	59	104	87	29	100	86	49	10	—	32.1
Motor vehicles and equipment	—	364	—	12	23	42	38	83	103	33	25	5	43.1
Transportation equipment, except motor vehicles	—	231	—	10	34	61	30	52	25	10	9	—	31.8
Other durable goods	—	85	—	—	—	12	9	18	32	5	6	3	—
Nondurable goods	4	766	7	32	85	34	66	190	212	114	26	—	43.4
Food and kindred products	—	145	4	—	4	7	19	41	35	30	5	—	44.4
Apparel and other fabricated textile products	—	14	3	—	6	—	—	—	—	5	—	—	—
Paper and allied products	—	54	—	6	10	12	6	16	4	—	—	—	—
Chemicals and allied products	—	55	—	4	10	6	11	9	15	—	—	—	—
Other nondurable goods	4	498	—	22	55	9	30	124	158	79	21	—	45.6
Not specified manufacturing industries	—	11	—	—	5	—	—	6	—	—	—	—	—
Nonmanufacturing industries	5	286	—	35	46	8	29	67	39	41	11	10	38.7
Transportation, communications, and other public utilities	—	54	—	12	6	—	7	11	9	9	—	—	—
Wholesale and retail trade	—	109	—	13	15	8	—	24	19	17	7	6	42.7
All other industries	5	123	—	10	25	—	22	32	11	15	4	4	36.4
Transport equipment operatives	6	4 466	82	149	525	425	434	1 054	1 022	417	251	107	40.9
Bus drivers	—	216	—	—	22	40	11	35	39	43	20	6	45.0
Taxicab drivers and chauffeurs	—	125	—	7	23	22	17	5	24	11	11	5	33.1
Truck drivers and deliverymen	6	3 247	64	97	321	292	343	848	755	279	174	74	41.0
Other transport equipment operatives	—	878	18	45	159	71	63	166	204	84	46	22	40.0
Laborers, except farm	110	4 679	695	946	536	374	233	554	657	272	265	147	27.2
Construction laborers	5	569	22	29	79	80	31	136	108	34	38	12	36.2
Freight, stock, and material handlers	46	2 111	492	293	243	186	104	214	298	144	83	54	25.7
Other specified laborers	48	1 305	92	543	125	47	63	93	140	39	87	76	26.7
Miscellaneous and not specified laborers	11	694	89	81	89	61	35	111	111	55	57	5	35.9
Occupation:													
Miscellaneous laborers	—	215	21	5	43	20	8	47	27	13	31	—	37.2
Not specified laborers	11	479	68	76	46	41	27	64	84	42	26	5	31.6
Industry:													
Manufacturing	—	401	—	39	50	44	23	88	90	31	36	—	40.1
Durable goods	—	280	—	29	46	44	18	69	42	13	19	—	35.4
Wood products, including furniture	—	19	—	—	—	5	—	—	10	—	4	—	—
Metal industries	—	74	—	5	16	9	5	25	—	9	5	—	—
Machinery, including electrical	—	61	—	13	9	10	13	12	—	4	—	—	—
Transportation equipment	—	104	—	—	21	20	—	32	21	—	10	—	38.4
Other durable goods	—	22	—	11	—	—	—	—	11	—	—	—	—
Nondurable goods	—	121	—	10	4	—	5	19	48	18	17	—	49.7
Food and kindred products	—	27	—	6	—	—	—	—	16	5	—	—	—
Not specified manufacturing industries	—	—	—	—	—	—	—	—	—	—	—	—	—
Nonmanufacturing industries	11	293	89	42	39	17	12	23	21	24	21	5	22.0
Railroads and railway express service	—	43	13	—	11	5	—	8	—	—	6	—	—
Transportation, except railroads	—	8	8	—	—	—	—	—	—	—	—	—	—
Communications, and utilities and sanitary services	—	31	3	—	12	5	—	—	—	6	5	—	—
Wholesale and retail trade	—	104	37	24	5	7	—	5	10	11	5	—	19.3
All other industries	11	107	28	18	11	—	12	10	11	7	5	5	23.4
Farmers and farm managers	—	1 100	—	5	31	56	105	172	266	145	183	137	51.8
Farm laborers and farm foremen	72	391	89	51	40	20	29	63	44	39	5	11	28.9
Paid farm laborers and farm foremen	57	324	72	35	40	20	24	58	29	30	5	11	28.8
Unpaid family workers	15	67	17	16	—	—	5	5	15	9	—	—	—
Service workers, except private household¹	173	5 136	443	346	700	283	248	834	901	472	456	453	41.6
Cleaning service workers	53	1 906	106	101	91	27	70	233	480	262	298	238	51.8
Food service workers	83	1 101	311	150	179	41	45	112	130	64	23	46	22.5
Cooks, except private household	—	380	114	53	68	10	14	17	59	17	10	18	21.7
Busboys and dishwashers	58	288	156	45	51	—	—	13	—	4	8	11	17.8
Health service workers	—	107	3	23	5	—	—	10	—	—	—	—	—
Personal service workers	19	416	18	36	49	10	38	72	57	31	35	70	42.9
Protective service workers	—	1 188	—	6	72	182	95	358	209	88	100	78	41.7
Firemen, fire protection	—	345	—	—	12	75	11	141	74	3	18	11	40.3
Guards and watchmen	—	362	—	6	15	26	10	34	70	71	72	58	56.4
Policemen and detectives	—	450	—	—	40	81	70	176	65	14	4	—	36.9
Private household workers	10	22	—	—	—	4	—	5	—	4	—	9	—

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

SOUTH BEND 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	339	40 371	1 362	2 436	5 683	3 367	2 740	8 094	9 242	3 391	2 372	1 684	40.7
Professional, technical, and kindred workers	14	5 431	25	75	933	740	506	1 093	1 127	354	310	268	39.0
Accountants		204	6	—	15	33	10	33	63	26	10	8	45.8
Computer specialists		46	—	5	18	12	—	11	—	—	—	—	—
Librarians		165	—	3	11	11	11	31	54	15	10	19	47.9
Mathematical specialists		6	—	—	—	—	—	—	—	—	—	6	—
Life and physical scientists		10	—	—	5	—	—	—	5	—	—	—	—
Registered nurses, dietitians, and therapists		1 156	3	7	171	143	120	238	261	79	66	68	40.6
Dietitians		54	—	—	5	11	12	—	10	5	11	—	—
Registered nurses		1 034	3	7	151	122	97	228	235	68	55	68	41.0
Health technologists and technicians		313	6	24	110	39	22	67	24	11	5	5	27.1
Social scientists		—	—	—	—	—	—	—	—	—	—	—	—
Social and recreation workers		115	—	—	—	17	27	22	16	16	6	11	41.1
Teachers: College and university		215	—	6	32	37	28	46	48	5	4	9	36.0
Elementary and prekindergarten		1 497	5	—	286	202	124	345	277	99	108	51	38.8
Secondary		636	—	—	168	153	45	80	82	61	30	17	29.9
Other teachers	9	225	—	—	5	25	42	45	59	5	15	29	44.0
Engineering and science technicians		104	—	14	21	4	—	22	32	6	5	—	40.9
Technicians, except health, and engineering and science		17	—	—	5	6	—	6	—	—	—	—	—
Writers, artists, and entertainers		189	5	11	13	14	9	33	57	16	31	—	46.7
Actors and dancers		—	—	—	—	—	—	—	—	—	—	—	—
Authors, editors, and reporters		41	—	4	6	—	—	18	7	—	6	—	—
Other professional, technical, and kindred workers	5	533	—	5	73	44	68	114	149	15	20	45	41.7
Managers and administrators, except farm		1 110	6	9	66	35	83	232	378	153	115	33	48.3
Buyers, purchasing agents, and sales managers		149	—	—	12	6	14	19	18	43	33	4	55.6
Restaurant, cafeteria, and bar managers		175	—	—	5	—	—	30	32	71	26	5	47.9
School administrators		18	—	—	—	—	5	—	8	5	—	—	—
Other specified managers and administrators		248	—	9	37	13	9	71	75	5	29	—	42.9
Managers and administrators, n.e.c., salaried		407	6	—	12	13	25	89	170	48	34	10	48.4
Wholesale and retail trade		116	—	—	—	6	9	29	44	9	19	—	48.2
Managers and administrators, n.e.c., self-employed		113	—	—	—	3	—	21	36	26	13	14	54.0
Wholesale and retail trade		69	—	—	—	—	—	21	15	20	9	4	—
Sales workers	29	3 525	239	317	334	155	211	541	817	395	287	229	44.4
Demonstrators, hucksters, and peddlers		221	—	6	26	27	40	44	53	4	15	6	37.6
Insurance, real estate agents, and brokers		133	—	5	12	6	18	11	29	29	10	13	50.0
Sales clerks, retail trade	20	2 475	203	269	208	86	102	381	581	310	181	154	44.7
Salesmen, retail trade		115	7	11	—	11	12	4	23	13	15	19	50.4
Other sales workers	9	581	29	26	88	25	39	101	131	39	66	37	43.3
Clerical and kindred workers	69	14 292	403	1 243	2 708	1 191	880	2 993	2 978	916	617	363	37.4
Bank tellers		349	—	24	74	35	17	77	61	38	17	6	38.2
Bookkeepers		1 779	—	104	181	147	127	401	451	150	126	92	43.2
Cashiers	23	1 120	128	141	170	46	27	204	240	92	41	31	37.4
Counter clerks, except food		306	32	14	57	10	—	60	72	3	20	10	41.7
Enumerators and interviewers		58	—	—	5	—	—	30	—	—	—	—	—
File clerks	5	353	11	79	69	15	10	73	47	39	10	—	31.3
Office machine operators		707	4	53	210	68	45	169	128	25	5	—	32.1
Bookkeeping and billing machine operators		105	—	5	36	5	13	30	16	—	—	—	32.5
Keypunch operators		440	4	48	136	58	29	86	65	14	—	—	27.8
Payroll and timekeeping clerks		167	—	20	13	11	24	30	31	19	11	8	40.2
Receptionists	4	418	27	43	78	41	35	77	72	5	14	26	32.9
Secretaries	4	3 992	67	270	801	384	274	835	925	220	132	84	37.4
Stenographers		111	—	—	39	—	20	21	10	—	—	—	34.1
Telephone operators		616	6	120	147	27	43	158	63	15	37	—	30.9
Typists	4	1 367	38	130	391	157	82	240	205	55	34	35	29.0
Other clerical and kindred workers	29	2 949	90	245	473	250	172	618	662	209	159	71	39.0
Craftsmen and kindred workers		836	7	15	115	89	31	196	225	118	36	4	43.2
Foremen, n.e.c.		116	7	—	—	—	5	29	45	24	6	—	48.8
Operatives, except transport	6	5 948	58	226	550	540	449	1 264	1 727	595	401	138	44.1
Assemblers		814	8	26	87	43	44	300	217	61	28	—	41.6
Bottling and canning operatives		48	—	10	—	11	4	—	17	—	6	—	—
Checkers, examiners, and inspectors; manufacturing		436	5	6	28	32	19	70	186	49	41	—	48.1
Dressmakers and seamstresses, except factory		142	—	7	4	—	—	25	38	22	7	34	52.9
Laundry and dry cleaning operatives, including ironers		523	2	17	27	64	49	43	155	74	56	36	48.8
Graders and sorters, manufacturing		26	—	—	5	—	6	11	4	—	—	—	—
Packers and wrappers, except produce		449	11	21	46	48	38	93	94	56	37	5	41.5
Sewers and stitchers		727	—	25	64	56	35	90	254	93	100	10	48.7
Textile operatives		68	—	—	6	—	—	11	41	5	—	—	—
Other specified operatives	6	1 193	22	46	137	95	103	263	298	111	77	41	42.4
Miscellaneous and not specified operatives		1 522	10	68	146	181	151	358	423	124	49	12	40.7
Manufacturing		1 422	5	59	146	181	145	347	415	117	45	12	40.0
Durable goods		609	—	10	61	81	109	161	134	30	11	12	37.7
Machinery, including electrical		247	—	10	15	10	43	69	75	8	11	6	41.6
Other durable goods		362	—	—	46	71	66	92	59	22	—	—	34.8
Nondurable goods, including not specified manufacturing		813	5	49	85	100	36	186	231	87	34	—	42.1
Food and kindred products		80	—	—	11	3	8	13	29	9	7	—	—
Apparel and other fabricated textile products		40	—	6	3	—	—	—	19	5	4	—	—
Nonmanufacturing industries		100	5	9	—	—	6	11	58	7	4	—	—
Transport equipment operatives		137	—	—	—	9	27	49	28	4	9	11	41.6
Laborers, except farm	10	441	6	39	66	40	26	96	88	52	5	23	39.5
Farmers and farm managers		83	—	—	—	—	10	23	11	19	5	15	—
Farm laborers and farm foremen	9	143	11	—	10	14	6	38	37	11	16	—	43.0
Paid farm laborers and farm foremen	5	67	4	—	10	10	—	22	10	5	6	—	—
Unpaid family workers	4	76	7	—	—	4	6	16	27	6	10	—	—
Service workers, except private household ¹	116	7 459	555	493	833	526	470	1 436	1 608	653	469	416	40.9
Cleaning service workers		1 205	31	16	50	25	64	167	367	186	196	103	51.8
Chambermaids and maids		284	6	—	8	7	15	34	75	59	50	30	54.6
Food service workers	70	3 346	444	240	322	222	212	672	663	266	132	173	38.5
Cooks, except private household		786	17	19	33	26	42	190	230	104	46	79	47.9
Waiters and food counter workers	55	1 927	371	190	230	156	155	328	310	95	41	51	30.5
Health service workers		1 311	51	138	242	113	91	277	239	68	51	41	35.7
Nursing aides, orderlies, and attendants		818	24	89	93	92	63	224	128	33	41	31	37.1
Practical nurses		160	—	—	45	4	21	22	46	7	10	5	39.5
Personal service workers	6	1 023	9	59	150	118	62	220	198	86	57	64	40.2
Hairdressers and cosmetologists		704	—	42	136	101	52	125	137	61	12	38	36.7
Private household workers	86	966	52	19	68	28	41	133	218	121	102	184	51.5
Private household workers, living in		50	—	—	—	—	7	—	5	12	5	21	—
Private household workers, living out	86	916	52	19	68	28	34	133					