

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
<b>Total employed, 16 years old and over</b> .....	<b>1 048 967</b>	<b>697 802</b>	<b>212 002</b>	<b>180 442</b>	<b>5 772</b>	<b>3 432</b>	<b>623 086</b>	<b>453 846</b>	<b>379 871</b>	<b>223 020</b>	<b>46 010</b>	<b>20 936</b>
<b>Professional, technical, and kindred workers</b> .....	<b>113 368</b>	<b>95 674</b>	<b>7 379</b>	<b>17 121</b>	<b>1 397</b>	<b>790</b>	<b>84 462</b>	<b>70 197</b>	<b>27 294</b>	<b>22 435</b>	<b>1 612</b>	<b>3 042</b>
Accountants.....	9 014	4 883	143	199	79	42	7 400	3 752	1 516	1 044	98	87
Architects.....	1 034	32	26	—	40	—	899	32	135	—	—	—
Computer specialists.....	2 688	840	44	51	30	10	2 208	724	472	116	8	—
Computer programmers.....	1 773	581	32	30	13	10	1 424	512	347	69	2	—
Computer systems analysts.....	765	208	12	21	7	—	657	178	102	30	6	—
Computer specialists, n.e.c.....	150	51	—	—	10	—	127	34	23	17	—	—
<b>Engineers</b> .....	<b>17 854</b>	<b>526</b>	<b>254</b>	<b>29</b>	<b>265</b>	<b>—</b>	<b>13 573</b>	<b>362</b>	<b>4 086</b>	<b>164</b>	<b>195</b>	<b>—</b>
Aeronautical and astronautical.....	2 286	73	43	—	55	—	1 691	26	563	47	32	—
Chemical.....	529	—	—	—	15	—	422	—	102	—	7	—
Civil.....	3 708	58	67	—	47	—	2 575	36	1 061	22	72	—
Electrical and electronic.....	3 362	117	46	6	42	—	2 624	96	721	21	17	—
Industrial.....	2 996	141	9	7	36	—	2 276	103	692	38	28	—
Mechanical.....	1 624	55	38	16	33	—	1 240	27	368	28	16	—
Metallurgical and materials.....	175	4	—	—	4	—	105	4	70	—	—	—
Mining.....	16	—	—	—	—	—	11	—	5	—	—	—
Petroleum.....	25	—	—	—	—	—	20	—	5	—	—	—
Sales.....	1 063	15	—	—	—	—	915	9	143	6	5	—
Engineers, n.e.c.....	2 070	63	51	—	37	—	1 694	61	356	2	20	—
Farm management advisors.....	269	30	44	7	—	—	109	13	129	11	31	6
Foresters and conservationists.....	1 757	111	31	12	9	—	586	34	1 019	54	152	23
Home management advisors.....	—	195	—	52	—	—	—	136	—	54	—	5
Lawyers and judges.....	4 111	245	54	4	19	—	3 582	208	492	37	37	—
Judges.....	222	32	—	—	—	—	130	21	70	11	22	—
Lawyers.....	3 889	213	54	4	19	—	3 452	187	422	26	15	—
Librarians, archivists, and curators.....	374	2 359	56	442	—	—	311	1 781	63	503	—	75
Librarians.....	332	2 331	56	439	—	—	283	1 756	49	500	—	75
Archivists and curators.....	42	28	—	3	—	—	28	25	14	3	—	—
Mathematical specialists.....	324	173	5	—	—	—	248	163	70	10	6	—
Actuaries.....	82	21	—	—	—	—	70	21	12	—	—	—
Mathematicians.....	27	9	—	—	—	—	16	9	5	—	6	—
Statisticians.....	215	143	5	—	—	—	162	133	53	10	—	—
<b>Life and physical scientists</b> .....	<b>2 126</b>	<b>479</b>	<b>56</b>	<b>41</b>	<b>15</b>	<b>6</b>	<b>1 610</b>	<b>383</b>	<b>475</b>	<b>96</b>	<b>41</b>	<b>—</b>
Agricultural.....	331	24	4	—	—	—	201	9	117	15	13	—
Atmospheric and space.....	78	22	—	4	8	—	73	22	5	—	—	—
Biological.....	418	216	11	19	—	—	321	176	91	40	6	—
Chemists.....	1 075	198	41	18	—	—	834	161	227	37	14	—
Geologists.....	67	10	—	—	—	—	58	10	9	—	—	—
Marine.....	43	—	—	—	7	—	38	—	5	—	—	—
Physicists and astronomers.....	81	—	—	—	—	—	58	—	15	—	8	—
Life and physical, n.e.c.....	33	9	—	—	—	6	27	5	6	4	—	—
<b>Operations and systems researchers and analysts</b> .....	<b>1 140</b>	<b>128</b>	<b>28</b>	<b>—</b>	<b>6</b>	<b>—</b>	<b>898</b>	<b>90</b>	<b>242</b>	<b>38</b>	<b>—</b>	<b>—</b>
Personnel and labor relations workers.....	4 203	1 978	164	143	15	6	3 274	1 524	865	434	64	20
Physicians, dentists, and related practitioners.....	8 755	702	211	40	204	16	7 195	558	1 480	118	80	26
Chiropractors.....	219	9	—	—	—	—	164	5	55	4	—	—
Dentists.....	1 362	103	35	—	20	—	1 164	88	193	9	5	6
Optometrists.....	241	20	—	—	—	—	209	15	32	—	—	5
Pharmacists.....	2 061	234	47	23	—	—	1 604	168	447	56	10	10
Physicians, medical and osteopathic.....	4 293	312	119	17	166	16	3 658	271	601	36	34	5
Podiatrists.....	43	6	—	—	—	—	43	6	—	—	—	—
Veterinarians.....	521	18	10	—	18	—	353	5	147	13	21	—
Health practitioners, n.e.c.....	15	—	—	—	—	—	—	—	5	—	10	—
<b>Registered nurses, dietitians, and therapists</b> .....	<b>859</b>	<b>15 983</b>	<b>145</b>	<b>2 401</b>	<b>27</b>	<b>123</b>	<b>647</b>	<b>11 412</b>	<b>195</b>	<b>4 085</b>	<b>17</b>	<b>486</b>
Dietitians.....	52	1 079	20	273	—	6	36	770	16	244	—	65
Registered nurses.....	365	14 308	83	2 074	19	117	259	10 164	96	3 723	10	421
Therapists.....	442	596	42	54	8	—	352	478	83	118	7	—
<b>Health technologists and technicians</b> .....	<b>1 533</b>	<b>3 759</b>	<b>205</b>	<b>404</b>	<b>19</b>	<b>50</b>	<b>1 128</b>	<b>3 037</b>	<b>381</b>	<b>686</b>	<b>24</b>	<b>36</b>
Clinical laboratory technologists and technicians.....	605	1 766	105	200	13	29	489	1 438	104	305	12	23
Dental hygienists.....	18	453	—	—	—	—	10	356	8	92	—	5
Health record technologists and technicians.....	19	223	—	10	—	14	13	161	6	58	—	4
Radiologic technologists and technicians.....	279	652	14	68	—	7	190	534	83	118	6	—
Therapy assistants.....	13	47	—	5	—	—	6	36	7	11	—	—
Health technologists and technicians, n.e.c.....	599	618	86	121	6	—	420	512	173	102	6	4
<b>Religious workers</b> .....	<b>5 889</b>	<b>533</b>	<b>619</b>	<b>36</b>	<b>58</b>	<b>—</b>	<b>3 823</b>	<b>380</b>	<b>2 041</b>	<b>147</b>	<b>25</b>	<b>6</b>
Clergymen.....	5 544	155	599	22	43	—	3 570	103	1 949	52	25	—
Religious workers, n.e.c.....	345	378	20	14	15	—	253	277	92	95	—	6
<b>Social scientists</b> .....	<b>1 242</b>	<b>247</b>	<b>27</b>	<b>12</b>	<b>6</b>	<b>6</b>	<b>1 018</b>	<b>220</b>	<b>224</b>	<b>27</b>	<b>—</b>	<b>—</b>
Economists.....	850	98	21	—	14	6	683	93	167	5	—	—
Political scientists.....	10	6	—	—	—	—	10	—	6	—	—	—
Psychologists.....	144	80	—	4	7	—	135	69	9	11	—	—
Sociologists.....	24	12	—	4	—	—	17	12	7	—	—	—
Urban and regional planners.....	170	34	6	4	—	—	141	34	29	—	—	—
Social scientists, n.e.c.....	44	17	—	—	7	—	32	12	12	5	—	—
<b>Social and recreation workers</b> .....	<b>1 770</b>	<b>3 194</b>	<b>315</b>	<b>667</b>	<b>6</b>	<b>54</b>	<b>1 348</b>	<b>2 448</b>	<b>365</b>	<b>606</b>	<b>57</b>	<b>140</b>
Social.....	1 154	2 827	204	539	6	54	838	2 125	270	562	46	140
Recreation.....	616	367	111	128	—	—	510	323	95	44	11	—
<b>Teachers, college and university</b> .....	<b>6 053</b>	<b>2 507</b>	<b>396</b>	<b>356</b>	<b>150</b>	<b>51</b>	<b>4 596</b>	<b>2 027</b>	<b>1 417</b>	<b>454</b>	<b>40</b>	<b>26</b>
Biology.....	250	106	17	11	—	—	183	87	67	19	—	—
Chemistry.....	222	29	15	—	—	—	148	15	69	14	5	—
Engineering.....	185	22	6	—	13	—	158	10	19	12	8	—
Physics.....	200	17	6	—	5	—	146	14	54	3	—	—
Other life and physical sciences.....	171	19	24	—	—	—	103	5	63	9	5	5
<b>Mathematics</b> .....	<b>373</b>	<b>135</b>	<b>33</b>	<b>22</b>	<b>—</b>	<b>—</b>	<b>289</b>	<b>115</b>	<b>77</b>	<b>20</b>	<b>7</b>	<b>—</b>
Economics.....	193	5	7	—	—	—	157	5	36	—	—	—
English.....	316	269	8	43	17	—	270	238	46	31	—	—
History.....	278	42	10	—	14	5	225	29	53	13	—	—
Miscellaneous social sciences.....	459	126	11	38	7	6	336	112	123	14	—	—
Other specified teachers.....	1 661	877	96	79	43	33	1 244	735	412	137	5	5
Not specified teachers.....	1 745	860	163	163	51	7	1 337	662	398	182	10	16

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	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	
<b>Professional, technical, and kindred workers—Continued</b>													
Teachers, except college and university .....	11 667	44 959	2 826	10 688	83	288	7 835	31 938	3 564	11 255	268	1 766	
Adult education .....	767	665	85	83	6	6	536	472	211	176	20	17	
Elementary school .....	3 150	28 305	1 074	7 540	23	148	1 952	19 472	1 147	7 504	5	1 324	41
Prekindergarten and kindergarten .....	43	3 275	9	408	—	6	26	2 549	14	685	3	—	—
Secondary school .....	6 782	10 648	1 587	2 542	35	108	4 596	7 874	1 996	2 427	190	347	
Teachers, except college and university, n.e.c. ....	925	2 066	71	115	19	20	725	1 566	196	463	4	37	
<b>Engineering and science technicians</b> .....	11 204	1 632	410	131	114	42	7 226	1 014	3 751	567	227	51	
Agriculture and biological, except health .....	506	208	60	9	7	21	225	126	233	77	48	5	
Chemical .....	666	142	73	11	—	—	441	98	216	40	9	4	
Draftsmen .....	3 374	403	91	13	73	7	2 431	260	900	143	43	—	
Electrical and electronic engineering .....	1 999	101	49	9	20	—	1 439	83	539	18	21	—	
Industrial engineering .....	456	58	—	—	—	—	292	31	159	23	5	4	
Mechanical engineering .....	126	13	—	5	—	—	93	9	33	4	—	—	
Mathematical .....	10	—	—	—	—	—	10	—	—	—	—	—	
Surveyors .....	1 517	54	50	16	—	—	834	21	658	28	25	5	
Engineering and science, n.e.c. ....	2 550	653	87	68	14	14	1 461	386	1 013	234	76	33	
<b>Technicians, except health, and engineering and science</b> .....	5 021	320	91	24	62	6	3 438	231	1 487	80	96	9	
Airplane pilots .....	2 247	17	—	—	42	—	1 563	17	639	—	45	—	
Air traffic controllers .....	1 041	43	6	—	20	—	713	38	321	5	7	—	
Embalmers .....	147	—	24	—	—	—	76	—	63	—	8	—	
Flight engineers .....	345	—	5	—	—	—	223	—	122	—	—	—	
Radio operators .....	486	121	5	11	—	—	333	78	138	43	15	—	
Tool programmers, numerical control .....	26	13	—	5	—	—	21	13	5	—	—	—	
Technicians, n.e.c. ....	729	126	56	8	—	6	509	85	199	32	21	9	
<b>Vocational and educational counselors</b> .....	1 003	926	140	198	10	7	764	716	234	174	5	36	
Writers, artists, and entertainers .....	7 468	3 499	415	153	110	69	6 051	2 882	1 344	541	73	76	
Actors .....	45	29	—	7	—	—	41	20	4	5	—	4	
Athletes and kindred workers .....	705	189	55	8	48	—	523	131	168	37	14	21	
Authors .....	119	93	4	10	—	—	112	65	7	28	—	—	
Dancers .....	13	79	3	5	—	8	13	79	—	—	—	—	
Designers .....	840	353	4	26	37	7	670	295	170	58	—	—	
Editors and reporters .....	1 081	794	27	19	6	11	930	624	151	132	—	38	
Musicians and composers .....	889	541	96	41	14	19	798	461	78	76	13	4	
Painters and sculptors .....	811	716	20	—	—	13	695	621	102	91	14	4	
Photographers .....	933	163	56	11	5	—	733	121	191	42	9	—	
Public relations men and publicity writers .....	886	342	49	9	—	6	720	319	155	18	11	5	
Radio and television announcers .....	592	45	16	6	—	—	429	35	151	10	12	—	
Writers, artists, and entertainers, n.e.c. ....	554	155	85	11	—	5	387	111	167	44	—	—	
Research workers, not specified .....	1 445	429	28	37	15	—	1 131	362	299	67	15	—	
Professional, technical, and kindred workers—allocated .....	4 565	5 005	646	994	33	14	3 564	3 770	948	1 067	53	168	
<b>Managers and administrators, except farm</b> .....	123 138	24 187	5 018	1 951	937	133	85 676	16 981	34 994	6 541	2 468	665	
Assessors, controllers, and treasurers; local public administration .....	356	140	—	—	—	—	214	90	125	40	17	10	
Bank officers and financial managers .....	6 206	1 201	89	52	39	7	4 685	848	1 415	315	106	38	
Buyers and shippers, farm products .....	209	—	—	—	—	—	92	—	88	—	29	—	
Buyers, wholesale and retail trade .....	2 083	846	24	15	31	8	1 482	679	586	151	15	16	
Credit men .....	1 167	386	18	8	—	7	908	296	254	69	5	21	
Funeral directors .....	881	82	214	30	—	—	663	66	207	16	11	—	
<b>Health administrators</b> .....	880	582	32	25	—	5	633	423	228	154	19	5	
Construction inspectors; public administration .....	362	13	—	—	—	—	256	5	95	8	11	—	
Inspectors, except construction; public administration .....	1 791	192	94	43	7	—	1 101	132	551	55	139	5	
Federal public administration and postal service .....	1 266	165	91	36	7	—	868	105	339	55	59	5	
State public administration .....	427	20	3	—	—	—	151	20	196	—	80	—	
Local public administration .....	98	7	—	7	—	—	82	7	16	—	—	—	
<b>Managers and superintendents, building</b> .....	819	687	92	28	5	7	663	649	150	38	6	—	
Officers, pilots, and pursers; ship .....	190	17	70	—	—	—	110	6	74	11	6	—	
Officials and administrators; public administration, n.e.c. ....	4 812	1 059	256	69	25	—	3 401	800	1 237	236	174	23	
Federal public administration and postal service .....	2 738	678	161	44	13	—	2 249	582	471	84	18	12	
State public administration .....	854	66	6	6	—	—	424	52	368	14	62	—	
Local public administration .....	1 220	315	29	19	6	—	728	166	398	138	94	11	
<b>Officials of lodges, societies, and unions</b> .....	670	184	74	32	—	—	533	161	125	25	12	—	
Postmasters and mail superintendents .....	385	196	—	3	—	—	157	18	203	145	25	33	
Purchasing agents and buyers, n.e.c. ....	2 457	448	30	9	22	—	1 726	343	682	95	49	10	
Railroad conductors .....	873	11	4	—	—	—	622	11	231	—	20	—	
Restaurant, cafeteria, and bar managers .....	4 075	2 839	384	533	83	32	2 927	1 835	1 108	913	40	91	
Sales managers and department heads, retail trade .....	3 349	987	71	31	45	17	2 520	807	794	171	35	9	
Sales managers, except retail trade .....	6 457	185	42	—	26	4	5 453	144	979	34	25	7	
School administrators, college .....	494	238	73	11	24	—	404	191	85	41	5	6	
School administrators, elementary and secondary .....	2 419	998	533	281	6	—	1 634	733	743	225	42	40	
<b>Managers and administrators, n.e.c., salaried</b> .....	57 553	8 239	1 536	442	490	46	41 198	6 104	15 478	1 956	877	179	
Construction .....	6 005	275	195	33	41	—	3 889	190	2 023	80	93	5	
Manufacturing .....	12 641	904	204	17	96	12	8 808	584	3 650	290	183	30	
Transportation .....	2 668	225	43	—	12	—	2 084	177	558	48	26	—	
Communications, and utilities and sanitary services .....	2 313	257	12	9	19	—	1 696	199	584	52	33	6	
Wholesale trade .....	6 058	447	98	10	40	—	4 701	395	1 259	52	98	—	
<b>Retail trade</b> .....	16 058	2 930	530	155	141	5	10 975	2 135	4 809	715	274	80	
Hardware, farm equipment, and building material retailing .....	1 271	82	29	8	—	—	817	76	404	6	50	—	
General merchandise stores .....	2 074	762	79	48	19	5	1 652	541	422	194	—	27	
Food stores .....	3 554	663	135	60	22	—	2 310	439	1 196	181	48	43	
Motor vehicles and accessories retailing .....	2 593	71	31	—	20	—	1 732	106	821	44	40	—	
Gasoline service stations .....	2 457	71	173	—	20	—	1 515	37	891	30	51	4	
Apparel and accessories stores .....	776	490	19	25	25	—	649	382	127	102	—	6	
Furniture, home furnishings, and equipment stores .....	1 019	121	5	4	11	—	763	103	252	18	4	—	
Other retail trade .....	2 314	591	59	18	16	—	1 537	451	696	140	81	—	
<b>Finance, insurance, and real estate</b> .....	4 197	673	115	42	49	—	3 425	510	731	163	41	—	
Business and repair services .....	2 609	424	41	5	18	—	2 044	364	518	50	47	10	
Personal services .....	2 194	619	54	87	28	17	1 468	651	708	251	18	17	
All other industries .....	2 810	1 185	244	84	46	12	2 108	899	638	255	64	31	

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Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
<b>Managers and administrators, except farm—Continued</b>												
Managers and administrators, n.e.c., self-employed	19 930	3 688	891	230	81	—	10 843	1 914	8 337	1 635	750	139
Construction	3 898	75	222	15	7	—	2 085	58	1 656	17	157	—
Manufacturing	1 489	141	111	3	—	—	721	90	643	51	125	—
Transportation	371	57	36	4	—	—	213	34	158	17	—	6
Communications, and utilities and sanitary services	70	5	—	—	—	—	46	5	18	—	6	—
Wholesale trade	1 061	74	62	—	7	—	676	52	335	19	50	3
Retail trade	9 981	2 593	307	143	41	—	5 154	1 218	4 460	1 267	367	108
Hardware, farm equipment, and building material retailing	548	48	—	5	—	—	332	14	171	34	45	—
General merchandise stores	504	259	14	5	—	—	235	94	251	150	18	15
Food stores	3 033	1 080	144	92	10	—	1 236	379	1 658	644	139	57
Motor vehicles and accessories retailing	825	28	—	—	—	—	391	14	423	14	11	—
Gasoline service stations	2 804	144	90	11	10	—	1 425	55	1 307	83	72	6
Apparel and accessories stores	299	287	20	—	—	—	258	196	37	82	4	9
Furniture, home furnishings, and equipment stores	697	115	17	5	—	—	466	76	216	39	15	—
Other retail trade	1 271	632	22	25	21	—	811	390	397	221	63	21
Finance, insurance, and real estate	430	39	4	—	—	—	361	21	69	18	—	—
Business and repair services	1 053	101	39	—	8	—	664	66	385	29	4	6
Personal services	1 195	460	73	53	—	—	646	273	517	181	32	6
All other industries	382	143	37	12	18	—	277	97	96	36	9	10
Managers and administrators, except farm—allocated	4 720	967	491	109	53	—	3 451	726	1 219	208	50	33
<b>Sales workers</b>												
Advertising agents and salesmen	77 667	43 456	2 623	3 179	460	305	56 823	31 248	19 581	11 049	1 263	1 159
Auctioneers	770	287	5	—	—	—	617	246	153	41	—	—
Demonstrators	53	765	—	51	—	7	30	498	23	235	—	32
Hucksters and peddlers	516	1 570	28	133	7	—	336	1 055	171	482	9	33
Insurance agents, brokers, and underwriters	11 092	1 574	314	125	59	6	8 069	1 282	2 842	245	181	47
Newsboys	644	364	88	212	7	—	483	203	152	156	9	5
Real estate agents and brokers	3 779	1 546	132	47	30	8	3 147	1 310	564	229	68	7
Stock and bond salesmen	1 248	162	6	7	—	—	1 046	151	191	11	11	—
Salesmen and sales clerks, n.e.c.	55 760	33 954	1 770	2 271	336	269	40 411	24 108	14 448	8 867	901	979
Sales representatives, manufacturing industries	9 463	594	140	42	117	9	7 242	456	2 147	138	74	—
Sales representatives, wholesale trade	14 818	933	257	71	84	15	11 445	731	3 182	186	191	16
Sales clerks, retail trade	18 503	29 846	1 034	1 957	107	232	12 770	21 033	5 268	7 896	465	917
Salesmen, retail trade	9 487	1 245	242	89	20	—	6 178	891	3 167	318	142	36
Salesmen of services and construction	3 489	1 336	97	112	8	13	2 776	997	684	329	29	10
Sales workers—allocated	3 735	3 234	280	438	21	15	2 654	2 395	1 006	783	75	56
<b>Clerical and kindred workers</b>												
Bank tellers	296	4 342	10	151	20	5	198	2 868	88	1 325	10	149
Billing clerks	416	1 905	28	85	—	—	294	1 389	118	495	4	21
Bookkeepers	5 098	27 158	219	642	40	154	3 633	18 345	1 396	7 949	69	864
Cashiers	2 481	14 955	292	1 825	15	91	1 775	10 894	642	3 797	64	264
Clerical assistants, social welfare	4	25	—	10	—	—	4	20	—	5	—	—
Clerical supervisors, n.e.c.	1 797	1 083	88	14	8	—	1 360	848	390	218	47	17
Collectors, bill and account	1 009	455	36	33	16	—	730	365	275	85	4	5
Counter clerks, except food	1 590	3 684	192	353	25	26	1 249	2 836	321	810	20	38
Dispatchers and starters, vehicle	895	214	30	39	—	—	702	169	182	41	11	4
Enumerators and interviewers	353	1 584	54	148	6	—	261	970	63	549	29	65
Estimators and investigators, n.e.c.	2 963	2 206	92	128	30	5	2 305	1 762	614	426	44	18
Expeditors and production controllers	2 791	931	194	71	13	6	1 939	650	794	259	58	22
File clerks	1 157	5 222	172	970	16	44	878	4 131	239	1 006	40	85
Insurance adjusters, examiners, and investigators	1 103	521	7	37	25	7	905	443	188	78	10	—
Library attendants and assistants	468	1 543	96	277	—	8	387	1 267	75	249	6	27
Mail carriers, post office	4 592	278	973	86	7	—	2 974	136	1 390	130	228	12
Mail handlers, except post office	1 492	971	573	201	19	—	1 215	763	261	193	16	15
Messengers, including telegraph, and office boys	438	88	146	47	—	—	388	82	50	6	—	—
Meter readers, utilities	854	30	61	9	—	—	450	26	388	4	16	—
Office machine operators	2 530	7 551	288	722	50	53	1 958	5 615	551	1 870	21	66
Bookkeeping and billing machine	120	845	10	36	7	—	98	623	22	205	—	17
Calculating machine	90	414	12	—	—	7	81	296	9	111	—	7
Computer and peripheral equipment	1 402	627	131	41	25	—	1 074	469	307	141	21	17
Duplicating machine	136	127	36	22	7	—	111	89	25	38	—	—
Key punch	576	5 133	64	582	11	46	433	3 853	143	1 260	—	20
Tabulating machine	54	53	5	—	—	—	32	43	22	10	—	—
Office machine, n.e.c.	152	352	30	41	—	—	129	242	23	105	—	5
Payroll and timekeeping clerks	766	2 556	32	78	7	17	490	1 677	259	811	17	68
Postal clerks	3 680	1 669	1 190	864	—	—	2 811	1 067	799	507	70	95
Proofreaders	101	289	16	49	—	—	82	245	19	44	—	—
Real estate appraisers	358	28	5	7	—	—	286	28	66	—	6	—
Receptionists	340	4 731	70	398	—	12	265	3 557	53	1 072	22	102
Secretaries	1 173	53 478	71	2 438	—	359	934	39 316	231	13 052	8	1 110
Shipping and receiving clerks	9 992	2 057	2 806	303	58	13	6 333	1 114	3 439	882	220	61
Statistical clerks	1 525	3 219	131	201	—	27	1 041	2 356	452	810	32	53
Stenographers	105	2 453	—	73	—	—	76	1 913	29	510	—	30
Stock clerks and storekeepers	9 058	2 903	1 907	584	68	16	6 145	2 116	2 732	737	181	50
Teacher aides, except school monitors	165	1 817	58	779	—	—	112	963	49	769	4	85
Telegraph operators	131	125	—	42	—	—	76	96	55	29	—	—
Telephone operators	535	8 413	57	1 384	—	67	360	6 253	170	2 082	5	78
Ticket, station, and express agents	2 264	1 120	97	40	19	33	1 820	984	430	131	14	5
Typists	1 049	15 323	155	1 565	24	135	851	11 441	192	3 650	6	232
Weighers	924	373	169	107	—	—	425	197	491	176	8	—
Miscellaneous clerical workers	3 763	6 197	360	670	31	81	2 857	4 776	810	1 353	96	68
Not specified clerical workers	4 906	15 760	361	1 055	51	47	3 398	10 920	1 391	4 393	117	447
Clerical and kindred workers—allocated	4 282	11 111	1 097	1 911	18	42	3 152	8 138	1 080	2 740	50	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**

	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
<b>Craftsmen and kindred workers</b> .....	<b>228 945</b>	<b>13 386</b>	<b>30 972</b>	<b>2 236</b>	<b>933</b>	<b>43</b>	<b>125 427</b>	<b>7 899</b>	<b>97 464</b>	<b>5 013</b>	<b>6 054</b>	<b>474</b>
Automobile accessories installers.....	243	5	31	—	—	—	135	5	88	—	—	—
Bakers.....	1 119	486	545	287	15	—	927	375	166	107	26	4
Blacksmiths.....	149	4	23	4	—	—	53	—	91	4	5	—
Boilermakers.....	638	—	27	—	—	—	269	—	339	—	30	—
Bookbinders.....	173	299	11	37	—	—	118	217	49	82	6	—
Brickmasons and stonemasons.....	6 187	104	2 851	32	7	—	3 484	46	2 520	58	183	—
Bulldozer operators.....	3 316	44	1 009	18	—	—	1 009	15	2 145	29	162	—
Cabinetmakers.....	1 910	83	220	27	26	—	930	29	888	54	92	—
Carpenters.....	22 226	369	3 236	69	28	—	8 499	188	12 599	172	1 128	9
Carpet installers.....	1 090	40	156	13	—	—	742	19	336	16	12	5
Cement and concrete finishers.....	1 678	24	1 370	24	—	—	1 116	18	541	6	21	—
Compositors and typesetters.....	2 435	382	270	25	14	—	1 743	282	668	96	24	4
Cranemen, derrickmen, and hoistmen.....	2 218	38	591	12	22	—	964	12	1 170	26	84	—
Decorators and window dressers.....	563	1 090	51	116	13	—	431	785	132	272	—	33
Dental laboratory technicians.....	368	83	16	9	5	—	324	67	44	16	—	—
Electricians.....	10 072	254	430	10	39	—	5 539	142	4 284	107	249	5
Electric power linemen and cablemen.....	2 318	8	224	4	—	—	1 118	4	1 110	4	90	—
Electrotypers and stereotypers.....	64	—	6	—	—	—	54	—	10	—	—	—
Engravers, except photoengravers.....	106	46	4	15	—	—	47	37	55	9	4	—
Excavating, grading, and road machine operators; except bulldozer.....	5 081	115	934	22	—	—	1 725	43	3 194	62	162	10
Floor layers, except tile setters.....	693	9	101	—	6	—	421	—	263	9	9	—
<b>Foremen, n.e.c.</b> .....	<b>33 697</b>	<b>4 041</b>	<b>1 605</b>	<b>336</b>	<b>176</b>	<b>31</b>	<b>18 643</b>	<b>2 127</b>	<b>14 165</b>	<b>1 701</b>	<b>889</b>	<b>213</b>
Construction.....	3 682	48	142	9	25	—	1 867	33	1 680	15	135	—
Manufacturing.....	18 982	2 719	744	168	78	15	9 809	1 155	8 660	1 367	513	197
Durable goods.....	8 083	285	373	39	48	—	4 289	172	3 558	89	236	24
Nondurable goods, including not specified manufacturing.....	10 899	2 434	371	129	30	15	5 520	983	5 102	1 278	277	173
Transportation, communications, and other public utilities.....	3 486	116	164	9	28	—	2 259	78	1 179	38	48	—
All other industries.....	7 547	1 158	555	150	45	16	4 708	861	2 646	281	193	16
Forgemen and hammermen.....	107	12	39	6	—	—	54	12	53	—	—	—
Furniture and wood finishers.....	310	115	68	49	—	—	188	48	122	62	—	5
Furriers.....	6	10	—	—	—	—	6	10	—	—	—	—
Glaziers.....	602	25	64	15	—	—	383	14	214	11	5	—
Heat treaters, annealers, and temperers.....	58	4	11	—	—	—	23	—	30	4	5	—
Inspectors, scalers, and graders; log and lumber.....	461	78	181	47	—	—	197	38	244	36	20	4
<b>Inspectors, n.e.c.</b> .....	<b>1 541</b>	<b>345</b>	<b>112</b>	<b>101</b>	<b>5</b>	<b>—</b>	<b>957</b>	<b>216</b>	<b>530</b>	<b>115</b>	<b>54</b>	<b>14</b>
Construction.....	282	—	—	—	5	—	139	—	130	—	13	—
Railroads and railway express service.....	437	7	43	—	—	—	288	—	138	7	11	—
Jewelers and watchmakers.....	601	60	10	—	—	5	447	20	149	40	5	—
Jab and die setters, metal.....	259	—	49	—	—	—	148	—	104	—	7	—
Locomotive engineers.....	1 066	17	48	—	—	—	845	17	215	—	6	—
Locomotive firemen.....	143	—	47	—	8	—	121	—	11	—	11	—
Machinists.....	5 682	187	493	38	26	—	2 954	107	2 517	80	211	—
<b>Mechanics and repairmen</b> .....	<b>63 777</b>	<b>1 548</b>	<b>6 894</b>	<b>205</b>	<b>297</b>	<b>—</b>	<b>35 201</b>	<b>854</b>	<b>27 220</b>	<b>653</b>	<b>1 356</b>	<b>41</b>
Air conditioning, heating, and refrigeration.....	3 378	36	177	—	17	—	2 070	28	1 266	8	42	—
Aircraft.....	7 132	168	481	15	86	—	4 798	105	2 262	57	72	6
Automobile body repairmen.....	2 481	16	287	—	6	—	1 345	—	1 099	16	37	—
Automobile mechanics.....	20 162	319	3 067	69	59	—	10 647	200	9 148	119	367	—
Data processing machine repairmen.....	563	40	28	5	—	—	471	36	92	4	—	—
Farm implement.....	478	15	68	—	5	—	247	6	221	9	10	—
Heavy equipment mechanics, including diesel.....	14 193	409	1 421	56	30	—	6 530	201	7 203	183	460	25
Household appliance and accessory installers and mechanics.....	2 953	37	315	2	21	—	1 874	20	1 036	15	43	2
Loom fixers.....	2 185	65	57	—	14	—	940	22	1 171	43	74	—
Office machine.....	799	4	20	—	11	—	541	—	258	4	—	—
Radio and television.....	3 293	163	239	14	13	—	2 130	65	1 097	90	66	8
Railroad and car shop.....	1 130	8	244	4	—	—	691	4	384	4	55	—
Miscellaneous mechanics and repairmen.....	3 267	218	254	33	35	—	2 030	139	1 172	79	65	—
Not specified mechanics and repairmen.....	1 763	50	236	7	—	—	887	28	811	22	65	—
<b>Millers; grain, flour, and feed</b> .....	<b>165</b>	<b>6</b>	<b>60</b>	<b>6</b>	<b>—</b>	<b>—</b>	<b>30</b>	<b>6</b>	<b>129</b>	<b>—</b>	<b>6</b>	<b>—</b>
Millwrights.....	751	7	10	—	—	—	469	4	276	3	6	—
Molders, metal.....	455	75	175	22	—	—	203	40	247	26	5	9
Motion picture projectionists.....	288	23	33	—	—	—	219	19	64	4	5	—
Opticians, and lens grinders and polishers.....	223	111	12	—	—	—	184	82	39	29	—	—
Painters, construction and maintenance.....	8 277	277	1 615	63	41	—	5 321	168	2 879	94	77	15
Paperhangers.....	211	15	6	—	7	—	146	10	60	5	5	—
Pattern and model makers, except paper.....	293	32	—	—	—	—	183	27	100	5	10	—
Photoengravers and lithographers.....	335	69	—	6	—	—	260	38	75	31	—	—
Piano and organ tuners and repairmen.....	153	—	4	—	12	—	92	—	61	—	—	—
Plasterers.....	313	13	229	5	—	—	243	13	70	—	—	—
<b>Plumbers and pipe fitters</b> .....	<b>7 219</b>	<b>70</b>	<b>873</b>	<b>26</b>	<b>15</b>	<b>—</b>	<b>4 047</b>	<b>38</b>	<b>3 003</b>	<b>32</b>	<b>169</b>	<b>—</b>
Power station operators.....	320	20	9	—	—	—	162	14	149	6	9	—
Pressmen and plate printers, printing.....	2 337	258	242	43	5	—	1 688	194	634	57	15	7
Rollers and finishers, metal.....	166	5	48	5	—	—	67	5	95	—	4	—
Roofers and slaters.....	1 663	29	570	14	26	—	1 140	18	519	11	4	—
Sheetmetal workers and tinsmiths.....	3 082	81	159	13	22	—	1 786	73	1 189	3	107	5
Shipfitters.....	36	—	10	—	—	—	5	—	31	—	—	—
Shoe repairmen.....	447	149	134	71	6	—	341	64	106	85	—	—
Sign painters and letterers.....	353	34	43	7	—	—	211	29	137	5	5	—
Stationary engineers.....	2 336	53	221	—	11	—	1 394	24	850	29	92	—
Stone cutters and stone carvers.....	433	8	51	—	—	—	111	5	296	3	26	—
<b>Structural metal craftsmen</b> .....	<b>1 203</b>	<b>37</b>	<b>81</b>	<b>11</b>	<b>—</b>	<b>—</b>	<b>620</b>	<b>29</b>	<b>570</b>	<b>4</b>	<b>13</b>	<b>4</b>
Tailors.....	954	672	221	—	7	—	394	329	525	304	35	39
Telephone installers and repairmen.....	5 502	321	206	18	20	—	3 479	246	1 907	75	116	—
Telephone linemen and spicers.....	1 280	23	84	—	—	—	713	23	502	—	65	—
Tile setters.....	1 018	15	248	15	—	—	636	10	365	5	17	—
Tool and die makers.....	1 414	58	31	5	—	—	842	23	546	24	26	11
Upholsterers.....	1 254	266	196	92	—	—	662	130	535	122	57	14
Craftsmen and kindred workers, n.e.c.....	1 307	183	130	30	28	—	704	98	581	77	22	8
Former members of the Armed Forces.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Craftsmen and kindred workers—allocated.....	14 183	546	3 544	134	53	—	9 240	393	4 646	138	297	15



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
<b>Operatives, except transport</b> .....	152 168	140 446	41 475	35 350	551	395	75 894	64 554	72 041	70 077	4 233	5 815
Asbestos and insulation workers.....	546	3	62	3	—	—	344	—	194	3	8	—
Assemblers.....	11 874	3 985	2 954	1 050	86	28	6 785	2 038	4 825	1 870	264	77
Blasters and powdermen.....	58	13	17	—	—	—	25	8	26	5	7	—
Bottling and canning operatives.....	594	180	239	109	—	—	372	102	205	69	17	9
Chainmen, rodmen, and axmen; surveying.....	294	9	35	—	—	—	150	—	139	4	5	5
Checkers, examiners, and inspectors; manufacturing.....	6 159	10 960	920	1 434	6	30	3 055	4 850	2 930	5 614	174	496
Clothing ironers and pressers.....	1 095	5 095	507	3 913	6	—	497	3 338	560	1 644	38	113
Cutting operatives, n.e.c.....	3 086	1 839	899	460	8	7	1 437	799	1 565	960	84	80
Dressmakers and seamstresses, except factory.....	117	2 005	55	377	—	32	71	1 440	39	514	7	51
Drillers, earth.....	732	49	158	16	—	—	220	35	497	14	15	—
Dry wall installers and lothers.....	1 235	11	217	4	—	—	739	4	471	7	25	—
Dyers.....	1 938	174	410	54	14	—	708	62	1 186	105	44	7
Files, polishers, sanders, and buffers.....	1 513	481	506	223	—	—	679	256	775	221	59	4
Furnacemen, smeltermen, and pourers.....	468	21	237	11	—	—	242	16	214	5	12	—
Garage workers and gas station attendants.....	10 060	317	2 011	81	59	—	6 111	150	3 751	167	198	—
Graders and sorters, manufacturing.....	286	895	144	368	—	—	47	290	92	293	5	43
Produce graders and packers, except factory and farm.....	154	626	62	314	—	—	17	6	15	—	—	—
Heaters, metal.....	32	6	19	—	—	—	—	—	—	—	—	—
Laundry and drycleaning operatives, n.e.c.....	1 191	2 454	567	1 759	—	24	827	1 826	351	613	13	15
Meat cutters and butchers, except manufacturing.....	3 573	351	582	138	28	—	2 155	189	1 308	136	110	6
Meal cutters and butchers, manufacturing.....	958	1 264	417	551	6	—	456	415	447	823	55	26
Meat wrappers, retail trade.....	61	688	11	80	—	7	26	462	35	218	—	8
Metal platers.....	233	16	18	6	—	—	154	16	65	—	14	—
Milliners.....	—	16	—	4	—	8	—	16	—	—	—	—
Mine operatives, n.e.c.....	1 803	104	749	40	—	—	481	84	1 248	20	74	—
Mixing operatives.....	1 809	124	803	55	—	—	1 022	90	759	29	28	5
Oilers and greasers, except auto.....	882	46	183	11	6	—	462	41	391	5	29	—
Packers and wrappers, except meat and produce.....	5 623	9 013	2 352	2 793	13	30	2 986	5 237	2 434	3 512	203	264
Painters, manufactured articles.....	2 020	261	601	133	—	—	1 157	198	840	63	23	—
Photographic process workers.....	435	458	37	70	14	—	303	366	132	89	—	3
<b>Precision machine operatives</b> .....	2 253	272	399	72	—	—	1 082	119	1 080	146	91	7
Drill press operatives.....	423	53	63	—	—	—	194	17	202	36	27	—
Grinding machine operatives.....	618	68	173	24	—	—	304	28	283	40	31	—
Lathe and milling machine operatives.....	780	21	75	10	—	—	414	16	351	5	15	—
Precision machine operatives, n.e.c.....	432	130	88	38	—	—	170	58	244	65	18	7
Punch and stamping press operatives.....	1 059	270	186	43	—	—	429	118	594	143	36	9
Riveters and fasteners.....	299	233	118	79	—	—	120	105	168	123	11	5
Sailors and deckhands.....	187	10	83	—	—	—	158	10	29	—	—	—
Sawyers.....	3 415	261	1 739	99	8	—	875	110	2 325	142	215	9
Sewers and stitchers.....	2 863	43 641	676	7 581	13	113	1 050	15 207	1 700	25 657	113	2 777
<b>Shoemaking machine operatives</b> .....	299	639	98	177	—	—	90	214	202	402	7	23
Solderers.....	43	49	12	5	—	—	6	10	27	39	10	—
Stationary firemen.....	1 583	290	340	74	6	—	768	88	742	182	73	20
<b>Textile operatives</b> .....	23 053	25 367	4 732	4 020	32	30	8 705	11 155	13 705	13 503	643	709
Carding, lapping, and combing operatives.....	1 854	546	384	150	16	—	768	264	1 051	268	35	14
Knitters, loopers, and tappers.....	220	646	57	47	—	—	93	240	108	384	19	22
Spinners, twistors, and winders.....	7 468	12 767	1 520	1 872	11	13	2 740	5 762	4 520	6 690	208	315
Weavers.....	2 264	3 353	457	1 389	—	8	918	1 508	1 279	1 725	67	120
Textile operatives, n.e.c.....	11 247	8 055	2 314	1 562	5	9	4 186	3 381	6 747	4 436	314	238
<b>Welders and flamecutters</b> .....	9 894	339	1 539	50	61	—	4 548	166	5 044	160	302	13
Winding operatives, n.e.c.....	731	831	150	97	—	5	299	307	408	510	24	14
Miscellaneous and not specified operatives.....	38 203	17 633	12 452	6 469	151	55	20 250	8 976	16 994	8 001	959	656
<b>Occupation:</b>												
Machine operatives, miscellaneous specified.....	14 061	6 389	4 587	2 226	45	15	7 228	3 357	6 511	2 816	322	216
Machine operatives, not specified.....	8 906	3 561	3 355	1 115	45	15	4 810	2 002	3 906	1 436	190	123
Miscellaneous operatives.....	10 972	6 020	3 263	2 687	50	5	5 995	2 823	4 662	2 952	315	245
Not specified operatives.....	4 264	1 663	1 247	441	11	20	2 217	794	1 915	797	132	72
<b>Industry:</b>												
<b>Manufacturing</b> .....	29 447	15 408	9 595	5 402	116	36	14 924	7 586	13 763	7 243	760	579
<b>Durable goods</b> .....	14 141	4 877	4 765	1 878	58	11	6 889	2 404	6 859	2 301	393	172
Lumber and wood products, except furniture.....	2 172	530	1 278	366	—	—	848	307	1 254	204	70	19
Furniture and fixtures.....	771	924	461	403	13	—	314	380	422	481	35	63
Stone, clay, and glass products.....	1 895	226	836	32	—	—	1 021	145	815	74	59	7
Primary metal industries.....	1 322	186	516	65	—	—	699	40	609	142	14	4
Blast furnaces, steel works, and rolling and finishing mills.....	257	—	130	—	—	—	220	—	37	—	—	—
Fabricated metal industries, including not specified metal.....	1 644	639	489	207	—	—	758	307	841	308	45	24
Machinery, except electrical.....	1 003	105	230	34	6	—	468	54	512	47	23	4
Electrical machinery, equipment, and supplies.....	972	425	221	124	5	—	429	196	532	219	10	10
Transportation equipment.....	3 429	440	630	71	22	—	1 879	257	1 428	168	122	15
Motor vehicles and motor vehicle equipment.....	1 152	191	211	28	7	—	645	82	486	94	21	15
Professional and photographic equipment, and watches.....	169	308	28	89	—	5	87	149	77	149	5	10
Ordnance.....	24	35	—	4	—	—	7	30	17	5	—	—
Miscellaneous manufacturing industries.....	678	1 055	255	483	12	6	353	539	315	500	10	16
Durable goods—allocated.....	62	4	21	—	—	—	26	—	36	4	—	—
<b>Nondurable goods</b> .....	15 082	10 373	4 744	3 474	58	25	7 933	5 134	6 782	4 836	367	403
Food and kindred products.....	3 876	3 290	1 811	1 878	—	12	2 111	1 755	1 694	1 452	71	83
Tobacco manufactures.....	30	220	5	45	—	—	26	137	—	66	4	17
Apparel and other fabricated textile products.....	1 227	3 722	278	769	4	5	460	1 485	716	1 996	51	241
Paper and allied products.....	5 174	1 160	1 313	226	14	8	2 863	760	2 198	392	113	8
Printing, publishing, and allied industries.....	615	389	50	62	—	—	345	298	266	91	4	—
Chemicals and allied products.....	1 969	369	675	145	32	—	1 182	167	741	202	46	—
Petroleum and coal products.....	169	14	61	14	—	—	124	10	40	—	5	4
Rubber and miscellaneous plastic products.....	1 671	725	436	259	8	—	681	328	925	387	65	10
Leather and leather products.....	290	396	81	65	—	—	110	162	172	216	8	18
Nondurable goods—allocated.....	61	88	34	11	—	—	31	32	30	34	—	22
Not specified manufacturing industries.....	224	158	86	50	—	—	102	48	122	106	—	4
<b>Nonmanufacturing industries</b> .....	8 756	2 225	2 857	1 067	35	19	5 326	1 390	3 231	758	199	77
Construction.....	948	24	302	—	—	—	486	10	417	9	45	5
Transportation, communications, and other public utilities.....	1 788	101	389	21	6	—	1 170	39	567	50	51	12
Wholesale and retail trade.....	2 669	1 263	1 258	686	6	10	1 690	762	934	461	31	40
Business and repair services.....	1 825	131	360	42	15	—	1 130	102	664	29	—	—
Public administration.....	733	120	257	42	—	—	424	91	292	29	17	—
All other industries.....	793	586	291	276	8	9	426	386	357	180	10	20
<b>Operatives, except transport—allocated</b> .....	9 457	9 167	3 232	2 474	34	26	5 839	5 240	3 395	3 609	223	318

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
<b>Transport equipment operatives</b> .....	69 725	2 991	23 620	840	216	11	40 518	1 673	27 155	1 240	2 052	78
Boatmen and canalmen.....	45	5	—	—	—	—	12	—	28	5	—	—
Bus drivers.....	4 135	1 077	1 301	156	17	—	1 754	388	1 735	642	646	47
Conductors and motormen, urban rail transit.....	47	—	5	—	—	—	34	—	13	—	—	—
Deliverymen and routemen.....	12 641	467	3 560	158	34	11	8 216	320	4 211	137	214	10
Fork lift and tow motor operatives.....	6 079	152	2 961	47	14	—	3 436	69	2 546	83	97	—
Motormen, mine, factory, logging camp, etc.....	47	—	10	—	—	—	20	—	27	—	—	—
Parking attendants.....	508	17	133	12	—	—	442	12	60	5	6	—
Railroad brakemen.....	768	9	113	—	—	—	482	9	281	—	5	—
Railroad switchmen.....	1 338	52	371	41	—	—	905	47	396	5	37	—
Taxicab drivers and chauffeurs.....	2 826	185	1 179	88	8	—	2 288	164	529	21	9	—
Truck drivers.....	36 552	745	11 951	274	110	—	19 725	456	15 871	268	956	21
Transport equipment operatives—allocated.....	4 739	282	2 036	64	33	—	3 204	208	1 458	74	77	—
<b>Laborers, except farm</b> .....	82 382	8 798	42 339	3 635	211	15	46 039	5 179	34 304	3 378	2 039	241
Animal caretakers, except farm.....	795	384	266	22	—	—	324	135	425	216	46	33
Carpenters' helpers.....	1 586	39	617	14	6	—	672	20	849	19	65	—
Construction laborers, except carpenters' helpers.....	14 690	415	7 872	264	15	—	8 001	254	6 311	149	378	12
Fishermen and oystermen.....	289	10	155	4	—	—	116	—	173	10	—	—
Freight and material handlers.....	14 362	1 265	7 937	617	50	—	7 891	764	6 131	489	340	12
Garbage collectors.....	2 608	44	1 983	30	9	—	1 742	41	859	3	7	—
Gardeners and groundskeepers, except farm.....	6 543	217	3 560	116	16	—	3 782	97	2 672	113	89	7
Longshoremans and stevedores.....	672	16	564	16	8	—	607	16	65	—	—	—
Lumbermen, raftsmen, and woodchoppers.....	5 444	112	3 035	34	8	—	1 291	42	3 884	70	269	—
Stock handlers.....	9 781	3 020	1 686	873	9	6	6 429	1 762	3 063	1 180	289	78
Teamsters.....	331	10	206	4	—	—	109	10	194	—	28	—
Vehicle washers and equipment cleaners.....	2 528	552	1 419	322	—	—	1 594	346	912	202	22	4
Warehousemen, n.e.c.....	2 403	258	961	84	8	—	1 771	174	607	80	25	4
Miscellaneous and not specified laborers.....	12 979	1 819	7 558	934	57	—	6 841	1 010	5 790	730	348	79
Occupation:												
Miscellaneous laborers.....	4 447	530	2 675	232	9	—	2 067	302	2 264	207	116	21
Not specified laborers.....	8 532	1 289	4 883	702	48	—	4 774	708	3 526	523	232	58
Industry:												
Manufacturing.....	5 889	1 123	3 246	455	21	—	2 824	551	2 882	506	183	66
Durable goods.....	2 627	274	1 531	131	—	—	1 086	155	1 439	104	102	15
Lumber and wood products, except furniture.....	714	47	539	33	—	—	226	42	472	—	16	5
Furniture and fixtures.....	119	16	64	8	—	—	27	8	80	8	12	—
Stone, clay, and glass products.....	456	29	333	17	—	—	213	20	236	9	7	—
Primary metal industries.....	244	19	135	15	—	—	121	6	117	13	6	—
Blast furnaces, steel works, and rolling and finishing mills.....	57	6	39	6	—	—	47	6	10	—	—	—
Fabricated metal industries, including not specified metal.....	360	62	170	16	—	—	159	26	174	32	27	4
Machinery, except electrical.....	155	17	46	13	—	—	79	13	76	4	—	—
Electrical machinery, equipment, and supplies.....	95	—	32	—	—	—	30	—	65	—	—	—
Transportation equipment.....	391	42	157	20	—	—	189	19	186	23	16	—
Motor vehicles and motor vehicle equipment.....	172	4	49	—	—	—	83	4	79	—	10	—
Professional and photographic equipment, and watches.....	11	6	—	—	—	—	—	—	—	—	11	6
Ordnance.....	10	—	10	—	—	—	10	—	—	—	—	—
Miscellaneous manufacturing industries.....	51	36	32	9	—	—	26	21	25	15	—	—
Durable goods—allocated.....	21	—	13	—	—	—	6	—	8	—	7	—
Nondurable goods.....	3 224	828	1 692	315	21	—	1 722	380	1 421	397	81	51
Food and kindred products.....	972	267	499	159	—	—	523	125	420	126	29	16
Tobacco manufactures.....	17	—	5	—	—	—	11	—	6	—	—	—
Textile mill products.....	974	285	434	85	—	—	438	117	499	142	37	26
Apparel and other fabricated textile products.....	109	89	25	29	—	—	56	41	43	48	10	—
Paper and allied products.....	450	65	288	16	9	—	283	40	167	22	—	3
Printing, publishing, and allied industries.....	42	11	5	—	—	—	36	6	6	5	—	—
Chemicals and allied products.....	445	24	323	—	12	—	250	15	195	9	—	—
Petroleum and coal products.....	42	—	31	—	—	—	37	—	—	—	5	—
Rubber and miscellaneous plastic products.....	113	62	54	26	—	—	62	32	51	30	—	—
Leather and leather products.....	30	19	12	—	—	—	6	4	24	15	—	—
Nondurable goods—allocated.....	30	6	16	—	—	—	20	—	10	—	—	6
Not specified manufacturing industries.....	38	21	23	9	—	—	16	16	22	5	—	—
Nonmanufacturing industries.....	7 090	696	4 312	479	36	—	4 017	459	2 908	224	165	13
Transportation, communications, and other public utilities.....	2 246	85	1 548	64	—	—	1 415	71	788	14	43	—
Wholesale and retail trade.....	1 930	355	1 039	251	21	—	1 159	225	726	127	45	3
Business and repair services.....	350	46	113	30	—	—	237	40	106	6	7	—
Public administration.....	407	33	218	22	—	—	245	27	149	6	13	—
All other industries.....	2 157	177	1 394	112	15	—	961	96	1 139	71	57	10
Laborers, except farm—allocated.....	7 371	637	4 520	301	25	9	4 869	508	2 369	117	133	12
<b>Farmers and farm managers</b> .....	27 111	1 666	2 800	178	23	—	1 426	129	7 280	472	18 405	1 065
Farmers, owners and tenants.....	24 264	1 450	2 261	132	23	—	921	69	5 819	367	17 524	1 014
Farm managers.....	1 256	84	147	16	—	—	164	23	765	58	327	5
Farmers and farm managers—allocated.....	1 591	132	392	30	—	—	341	37	696	49	554	46
<b>Farm laborers and farm foremen</b> .....	26 266	6 483	14 322	3 818	67	9	2 963	1 315	18 388	4 195	4 915	973
Farm foremen.....	694	34	88	11	—	—	95	6	448	22	151	6
Farm laborers, wage workers.....	22 577	5 303	12 783	3 340	42	9	1 985	976	16 779	3 774	3 813	553
Farm laborers, unpaid family workers.....	942	432	146	35	—	—	24	17	211	67	707	348
Farm service laborers, self-employed.....	65	4	9	—	—	—	19	4	35	—	11	—
Farm laborers and farm foremen—allocated.....	1 988	710	1 296	432	25	—	840	312	915	332	233	66

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
<b>Service workers, except private household</b> .....	<b>69 283</b>	<b>97 110</b>	<b>28 054</b>	<b>43 953</b>	<b>405</b>	<b>423</b>	<b>47 717</b>	<b>67 074</b>	<b>20 161</b>	<b>27 948</b>	<b>1 405</b>	<b>2 088</b>
Cleaning service workers .....	24 410	14 208	15 014	12 170	59	41	15 763	10 210	8 122	3 838	525	160
Chambermaids and maids, except private household .....	319	6 107	263	5 369	—	16	234	4 427	79	1 630	6	50
Cleaners and chorwomen .....	3 488	6 044	2 453	5 315	4	25	2 588	4 453	868	1 517	32	74
Janitors and sextons .....	20 603	2 057	12 298	1 486	55	—	12 941	1 330	7 175	691	487	36
<b>Food service workers</b> .....	<b>11 199</b>	<b>37 041</b>	<b>5 294</b>	<b>16 953</b>	<b>140</b>	<b>196</b>	<b>8 854</b>	<b>24 784</b>	<b>2 189</b>	<b>11 479</b>	<b>156</b>	<b>778</b>
Bartenders .....	786	335	288	34	14	—	652	290	126	45	8	—
Busboys .....	661	192	272	171	7	6	549	175	88	17	24	—
Cooks, except private household .....	4 737	15 503	2 233	10 314	72	18	3 751	9 596	925	5 466	61	441
Dishwashers .....	1 078	1 224	665	1 023	—	—	779	754	280	420	19	50
Food counter and fountain workers .....	620	1 703	60	512	—	13	518	1 345	97	341	5	17
Waiters .....	2 283	13 843	1 246	2 426	40	159	1 873	9 702	386	3 964	24	177
Food service workers, n.e.c., except private household .....	1 034	4 241	530	2 473	7	—	732	2 922	287	1 226	15	93
<b>Health service workers</b> .....	<b>3 616</b>	<b>18 209</b>	<b>1 859</b>	<b>7 616</b>	<b>15</b>	<b>55</b>	<b>2 436</b>	<b>12 673</b>	<b>1 057</b>	<b>5 062</b>	<b>123</b>	<b>474</b>
Dental assistants .....	—	1 369	—	141	—	5	—	998	—	358	—	13
Health aides, except nursing .....	329	1 699	96	727	—	—	228	1 288	96	365	5	46
Health trainees .....	24	455	7	46	—	—	15	381	9	72	—	2
Lay midwives .....	—	10	—	10	—	—	—	4	—	6	—	—
Nursing aides, orderlies, and attendants .....	3 062	10 425	1 674	5 066	15	40	2 033	7 013	923	3 145	106	267
Practical nurses .....	201	4 251	82	1 626	—	10	160	2 989	29	1 116	12	146
<b>Personal service workers</b> .....	<b>7 183</b>	<b>18 327</b>	<b>1 633</b>	<b>3 268</b>	<b>68</b>	<b>99</b>	<b>5 177</b>	<b>12 418</b>	<b>1 876</b>	<b>5 426</b>	<b>130</b>	<b>483</b>
Airline stewardesses .....	25	1 434	—	33	—	25	25	1 308	—	126	—	—
Attendants, recreation and amusement .....	657	189	195	50	13	—	521	161	127	28	9	—
Attendants, personal service, n.e.c. .....	311	424	159	145	—	—	235	356	76	62	—	6
Baggage porters and bellhops .....	532	5	311	5	14	—	474	5	58	—	—	—
Barbers .....	3 577	187	560	82	17	6	2 314	128	1 193	59	70	—
Boarding and lodging house keepers .....	48	136	—	28	—	—	27	115	21	21	—	—
Bootblacks .....	80	11	58	—	—	—	66	—	9	11	5	—
Child care workers, except private household .....	196	3 117	42	793	—	16	129	2 204	63	858	4	55
Elevator operators .....	248	127	119	94	—	—	175	115	73	12	—	—
Hairdressers and cosmetologists .....	715	10 486	62	1 433	19	52	537	6 541	152	3 603	26	342
Housekeepers, except private household .....	631	1 821	97	442	5	—	517	1 239	98	530	16	52
School monitors .....	—	63	—	20	—	—	—	33	—	30	—	—
Ushers, recreation and amusement .....	91	42	4	—	—	—	91	42	—	—	—	—
Welfare service aides .....	72	285	26	143	—	—	66	171	6	86	—	28
<b>Protective service workers</b> .....	<b>17 588</b>	<b>1 251</b>	<b>1 482</b>	<b>277</b>	<b>105</b>	<b>—</b>	<b>11 492</b>	<b>1 041</b>	<b>5 698</b>	<b>192</b>	<b>398</b>	<b>18</b>
Crossing guards and bridge tenders .....	114	603	28	175	—	—	61	547	53	56	—	—
Firemen, fire protection .....	3 405	30	273	5	8	—	2 572	25	811	5	22	—
Guards and watchmen .....	6 796	276	652	49	—	—	3 939	199	2 627	68	230	9
Marshals and constables .....	136	—	7	—	—	—	106	—	30	—	—	—
Policemen and detectives .....	6 242	286	512	48	33	—	4 258	226	1 890	51	94	9
Sheriffs and bailiffs .....	895	56	10	—	—	—	556	44	287	12	52	—
Service workers, except private household—allocated .....	5 287	8 074	2 772	3 669	18	32	3 995	5 948	1 219	1 951	73	175
<b>Private household workers</b> .....	<b>1 470</b>	<b>55 237</b>	<b>1 267</b>	<b>49 719</b>	<b>—</b>	<b>36</b>	<b>1 022</b>	<b>36 861</b>	<b>437</b>	<b>17 429</b>	<b>11</b>	<b>947</b>
Occupation:												
Child care workers, private household .....	67	4 438	10	1 945	—	13	24	2 561	43	1 776	—	101
Cooks, private household .....	56	1 856	50	1 815	—	—	38	1 346	18	490	—	20
Housekeepers, private household .....	94	2 655	72	2 205	—	—	50	1 511	44	1 071	—	73
Laundresses, private household .....	20	462	13	399	—	—	12	280	8	164	—	18
Maids and servants, private household .....	1 079	39 620	974	37 530	—	17	774	26 455	294	12 498	11	667
Private household workers—allocated .....	154	6 206	148	5 825	—	6	124	4 708	30	1 430	—	68
Living arrangement:												
Living in .....	35	761	9	403	—	6	13	545	22	185	—	31
Living out .....	1 435	54 476	1 258	49 316	—	30	1 009	36 316	415	17 244	11	916

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					
	Atlanta		Augusta, Ga.—S.C.		Chattanooga, Tenn.—Ga.	
	Male	Female	Male	Female	Male	Female
<b>Total employed, 16 years old and over</b> .....	<b>351 458</b>	<b>236 250</b>	<b>49 799</b>	<b>34 133</b>	<b>73 438</b>	<b>47 910</b>
<b>Professional, technical, and kindred workers</b> .....	<b>54 748</b>	<b>37 801</b>	<b>6 390</b>	<b>5 415</b>	<b>9 005</b>	<b>7 270</b>
Accountants.....	5 632	3 153	353	149	703	206
Architects.....	728	27	—	—	32	4
Computer specialists.....	1 899	592	116	18	227	56
Computer programmers.....	1 232	385	72	18	155	52
Computer systems analysts.....	576	166	22	—	72	4
Computer specialists, n.e.c.....	91	41	22	—	—	—
Engineers.....	11 123	319	918	29	1 951	27
Aeronautical and astronautical.....	2 059	73	—	—	7	—
Chemical.....	167	—	300	5	210	—
Civil.....	1 898	31	113	—	289	6
Electrical and electronic.....	2 329	76	142	4	551	11
Industrial.....	1 511	63	94	4	265	4
Mechanical.....	976	17	125	16	261	—
Metallurgical and materials.....	51	—	19	—	53	—
Mining.....	—	—	5	—	—	—
Petroleum.....	5	—	—	—	—	—
Sales.....	898	15	9	—	66	—
Engineers, n.e.c.....	1 229	44	111	—	249	6
Farm management advisors.....	13	—	5	—	4	—
Foresters and conservationists.....	138	12	60	9	50	3
Home management advisors.....	—	30	—	—	—	15
Lawyers and judges.....	2 194	133	217	9	388	18
Judges.....	43	14	21	—	27	6
Lawyers.....	2 151	119	196	9	361	12
Librarians, archivists, and curators.....	188	840	19	100	5	149
Librarians.....	165	812	19	100	5	141
Archivists and curators.....	23	28	—	—	—	8
Mathematical specialists.....	207	142	16	—	50	15
Actuaries.....	77	21	—	—	30	—
Mathematicians.....	10	9	5	—	10	9
Statisticians.....	120	112	11	—	10	6
Life and physical scientists.....	891	323	345	20	190	42
Agricultural.....	70	16	4	—	6	—
Atmospheric and space.....	50	17	—	—	4	—
Biological.....	217	157	14	—	5	—
Chemists.....	439	123	248	15	169	37
Geologists.....	33	10	—	—	7	—
Marine.....	28	—	—	—	—	—
Physicists and astronomers.....	35	—	79	—	4	—
Life and physical, n.e.c.....	19	—	—	—	—	—
Operations and systems researchers and analysts.....	650	27	24	—	78	15
Personnel and labor relations workers.....	2 107	1 214	232	52	378	104
Physicians, dentists, and related practitioners.....	3 614	355	684	59	640	64
Chiropractors.....	65	—	—	—	4	—
Dentists.....	619	50	91	11	125	5
Optometrists.....	96	8	6	—	20	—
Pharmacists.....	629	81	97	22	154	16
Physicians, medical and osteopathic.....	2 012	205	470	20	326	43
Podiatrists.....	26	—	—	6	5	—
Veterinarians.....	167	11	20	—	6	—
Health practitioners, n.e.c.....	—	—	—	—	—	—
Registered nurses, dietitians, and therapists.....	340	5 593	67	1 242	88	1 338
Dietitians.....	16	338	—	100	18	70
Registered nurses.....	98	4 952	27	1 102	56	1 210
Therapists.....	226	303	40	40	14	58
Health technologists and technicians.....	636	1 641	142	338	48	280
Clinical laboratory technologists and technicians.....	297	804	53	181	14	129
Dental hygienists.....	10	204	—	13	5	34
Health record technologists and technicians.....	—	70	—	19	5	9
Radiologic technologists and technicians.....	116	300	54	37	8	81
Therapy assistants.....	—	19	5	6	—	6
Health technologists and technicians, n.e.c.....	213	244	30	82	16	21
Religious workers.....	1 861	206	282	18	482	78
Clergymen.....	1 696	42	275	4	430	12
Religious workers, n.e.c.....	165	164	7	14	52	66
Social scientists.....	868	185	36	—	43	4
Economists.....	607	76	16	—	22	4
Political scientists.....	10	—	—	—	—	—
Psychologists.....	100	60	14	—	9	—
Sociologists.....	11	8	—	—	—	—
Urban and regional planners.....	111	30	6	—	5	—
Social scientists, n.e.c.....	29	11	—	—	7	—
Social and recreation workers.....	691	1 106	79	186	114	315
Social.....	428	931	68	156	67	276
Recreation.....	263	175	11	30	47	39
Teachers, college and university.....	2 171	893	268	107	308	230
Biology.....	57	41	9	8	18	5
Chemistry.....	84	12	11	5	3	3
Engineering.....	118	11	5	—	6	—
Physics.....	107	10	—	3	11	—
Other life and physical sciences.....	11	—	—	—	5	—
Mathematics.....	160	67	23	7	20	4
Economics.....	77	—	6	—	4	—
English.....	128	114	9	10	29	28
History.....	100	8	5	—	24	—
Miscellaneous social sciences.....	164	67	15	8	16	18
Other specified teachers.....	592	270	120	37	99	101
Not specified teachers.....	573	293	65	29	73	71

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					
	Atlanta		Augusta, Ga.—S.C.		Chattanooga, Tenn.—Ga.	
	Male	Female	Male	Female	Male	Female
<b>Professional, technical, and kindred workers—Continued</b>						
Teachers, except college and university	3 810	15 482	645	2 369	789	3 069
Adult education	230	241	129	43	18	51
Elementary school	799	9 155	155	1 422	310	1 918
Prekindergarten and kindergarten	6	1 596	—	135	10	245
Secondary school	2 395	3 775	284	646	388	719
Teachers, except college and university, n.e.c.	380	715	77	123	63	136
Engineering and science technicians	4 502	646	696	185	1 251	296
Agriculture and biological, except health	103	87	6	—	22	11
Chemical	161	51	175	47	92	67
Draftsmen	1 822	247	105	7	592	71
Electrical and electronic engineering	961	27	82	4	117	—
Industrial engineering	244	20	18	6	22	—
Mechanical engineering	77	—	—	—	—	—
Mathematical	10	—	—	—	—	—
Surveyors	460	10	56	4	124	—
Engineering and science, n.e.c.	664	204	254	117	282	147
Technicians, except health, and engineering and science	3 010	127	130	20	67	18
Airplane pilots	1 681	5	38	—	13	—
Air traffic controllers	531	27	11	7	16	4
Embalmers	47	—	—	—	12	—
Flight engineers	280	—	—	—	—	—
Radio operators	215	46	25	4	5	9
Tool programmers, numerical control	26	9	—	—	—	—
Technicians, n.e.c.	230	40	56	9	21	5
Vocational and educational counselors	431	356	47	20	49	72
Writers, artists, and entertainers	4 110	1 875	509	128	554	257
Actors	39	25	—	—	—	10
Athletes and kindred workers	316	87	66	10	54	4
Authors	83	47	6	9	—	—
Dancers	13	57	—	6	—	—
Designers	534	215	61	19	102	30
Editors and reporters	539	325	49	27	103	59
Musicians and composers	574	231	57	8	33	38
Painters and sculptors	571	465	44	23	45	47
Photographers	466	83	81	—	89	27
Public relations men and publicity writers	548	246	39	11	47	30
Radio and television announcers	130	18	38	5	54	5
Writers, artists, and entertainers, n.e.c.	297	76	68	10	27	7
Research workers, not specified	654	256	73	41	43	24
Professional, technical, and kindred workers—allocated	2 280	2 268	400	316	473	571
<b>Managers and administrators, except farm</b>	<b>50 968</b>	<b>8 691</b>	<b>5 298</b>	<b>1 135</b>	<b>8 718</b>	<b>1 535</b>
Assessors, controllers, and treasurers; local public administration	85	31	14	11	22	4
Bank officers and financial managers	2 862	552	287	24	472	51
Buyers and shippers, farm products	39	—	18	—	5	5
Buyers, wholesale and retail trade	1 047	346	79	77	122	103
Credit men	663	153	33	16	115	44
Funeral directors	169	22	38	—	46	—
Health administrators	348	202	62	22	65	58
Construction inspectors; public administration	104	—	11	—	5	—
Inspectors, except construction; public administration	489	38	62	5	103	4
Federal public administration and postal service	364	31	38	5	72	4
State public administration	57	7	18	—	12	—
Local public administration	68	—	6	—	19	—
Managers and superintendents, building	560	494	30	31	21	16
Officers, pilots, and pursers; ship	5	—	11	—	5	—
Officials and administrators; public administration, n.e.c.	1 873	446	191	50	148	11
Federal public administration and postal service	1 338	331	143	38	59	5
State public administration	206	30	4	—	22	—
Local public administration	329	85	30	8	67	6
Officials of lodges, societies, and unions	344	112	24	4	67	26
Postmasters and mail superintendents	28	5	41	9	25	13
Purchasing agents and buyers, n.e.c.	940	197	162	13	207	23
Railroad conductors	184	7	54	—	30	—
Restaurant, cafeteria, and bar managers	1 665	803	236	168	352	238
Sales managers and department heads, retail trade	1 711	570	159	62	242	85
Sales managers, except retail trade	4 703	115	153	5	351	7
School administrators, college	193	68	33	10	53	5
School administrators, elementary and secondary	720	376	92	75	163	51
<b>Managers and administrators, n.e.c., salaried</b>	<b>25 435</b>	<b>3 179</b>	<b>2 490</b>	<b>347</b>	<b>4 324</b>	<b>534</b>
Construction	2 676	112	112	13	369	8
Manufacturing	5 303	292	657	33	1 311	69
Transportation	1 539	90	93	5	209	19
Communications, and utilities and sanitary services	962	131	102	—	204	20
Wholesale trade	3 377	263	226	5	376	31
Retail trade	5 392	915	788	170	1 060	131
Hardware, farm equipment, and building material retailing	367	40	87	—	81	5
General merchandise stores	1 018	158	155	43	117	4
Food stores	1 100	145	152	60	224	42
Motor vehicles and accessories retailing	761	25	114	—	153	—
Gasoline service stations	749	21	75	—	216	8
Apparel and accessories stores	335	210	48	13	68	20
Furniture, home furnishings, and equipment stores	304	63	53	12	78	10
Other retail trade	758	253	104	42	123	40
Finance, insurance, and real estate	2 508	370	85	22	339	51
Business and repair services	1 656	251	74	24	151	34
Personal services	756	220	123	35	126	92
All other industries	1 266	535	106	40	179	79

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					
	Atlanta		Augusta, Ga.—S.C.		Chattanooga, Tenn.—Ga.	
	Male	Female	Male	Female	Male	Female
<b>Managers and administrators, except farm—Continued</b>						
Managers and administrators, n.e.c., self-employed	4 581	638	823	156	1 291	198
Construction	1 302	20	147	10	289	4
Manufacturing	227	31	40	5	108	20
Transportation	96	23	5	—	33	—
Communications, and utilities and sanitary services	21	—	—	—	4	—
Wholesale trade	260	25	46	5	79	6
Retail trade	1 783	316	404	96	556	118
Hardware, farm equipment, and building material retailing	100	4	36	9	32	—
General merchandise stores	39	21	7	5	39	8
Food stores	436	72	123	18	134	21
Motor vehicles and accessories retailing	101	5	20	—	58	—
Gasoline service stations	613	22	121	14	140	6
Apparel and accessories stores	76	53	9	6	32	24
Furniture, home furnishings, and equipment stores	148	14	43	5	50	—
Other retail trade	270	125	45	39	71	59
Finance, insurance, and real estate	148	8	21	—	14	—
Business and repair services	370	64	59	14	97	5
Personal services	222	95	79	22	80	38
All other industries	152	56	22	4	31	7
Managers and administrators, except farm—allocated	2 220	337	195	50	484	59
<b>Sales workers</b>	<b>35 428</b>	<b>17 708</b>	<b>3 483</b>	<b>2 082</b>	<b>5 491</b>	<b>2 984</b>
Advertising agents and salesmen	445	178	30	—	115	23
Auctioneers	15	—	—	—	5	—
Demonstrators	29	224	—	47	4	32
Hucksters and peddlers	192	542	44	102	37	99
Insurance agents, brokers, and underwriters	4 325	813	528	37	776	148
Newsboys	232	167	25	8	39	10
Real estate agents and brokers	2 158	1 134	220	90	255	94
Stock and bond salesmen	882	104	31	5	92	—
Salesmen and sales clerks, n.e.c.	25 722	13 217	2 267	1 644	3 798	2 115
Sales representatives, manufacturing industries	5 516	280	286	24	765	48
Sales representatives, wholesale trade	8 248	515	576	32	977	65
Sales clerks, retail trade	6 771	11 375	831	1 469	1 066	1 843
Salesmen, retail trade	3 120	466	470	32	765	89
Salesmen of services and construction	2 067	581	104	87	225	70
Sales workers—allocated	1 428	1 329	338	149	370	463
<b>Clerical and kindred workers</b>	<b>35 797</b>	<b>99 220</b>	<b>3 384</b>	<b>9 682</b>	<b>5 122</b>	<b>14 515</b>
Bank tellers	106	1 511	14	202	18	320
Billing clerks	212	1 024	18	86	58	167
Bookkeepers	2 110	10 116	234	1 115	339	1 825
Cashiers	1 072	5 875	131	867	122	896
Clerical assistants, social welfare	4	6	—	4	—	—
Clerical supervisors, n.e.c.	757	531	83	78	26	42
Collectors, bill and account	448	266	53	10	54	11
Counter clerks, except food	777	1 861	57	130	108	230
Dispatchers and starters, vehicle	498	118	66	6	71	10
Enumerators and interviewers	102	295	10	79	30	129
Estimators and investigators, n.e.c.	1 722	1 486	135	51	237	129
Expeditors and production controllers	1 288	427	104	47	171	73
File clerks	689	3 412	26	188	30	336
Insurance adjusters, examiners, and investigators	591	427	70	—	104	83
Library attendants and assistants	181	544	16	56	19	87
Mail carriers, post office	1 570	150	224	5	222	9
Mail handlers, except post office	927	624	40	31	98	100
Messengers, including telegraph, and office boys	184	71	23	5	19	18
Meter readers, utilities	211	19	60	2	25	—
Office machine operators	1 639	4 898	47	234	161	479
Bookkeeping and billing machine	101	442	5	24	19	40
Calculating machine	71	313	—	—	—	28
Computer and peripheral equipment	932	334	12	25	96	—
Duplicating machine	112	96	—	—	4	—
Keypunch	284	3 473	24	161	33	374
Tabulating machine	28	34	—	—	—	—
Office machine, n.e.c.	111	206	6	24	9	37
Payroll and timekeeping clerks	306	1 047	36	144	72	187
Postal clerks	1 911	962	115	45	309	41
Proofreaders	62	196	5	—	5	6
Real estate appraisers	220	16	20	7	40	7
Receptionists	198	2 190	13	225	29	391
Secretaries	589	26 617	39	2 850	129	3 721
Shipping and receiving clerks	4 045	711	484	81	827	144
Statistical clerks	615	1 885	102	118	105	172
Stenographers	44	1 354	—	74	23	180
Stock clerks and storekeepers	3 786	1 266	350	118	500	149
Teacher aides, except school monitors	55	447	10	52	34	150
Telegraph operators	29	61	11	—	9	6
Telephone operators	218	3 536	34	540	28	572
Ticket, station, and express agents	1 594	952	83	31	80	—
Typists	525	8 334	72	631	61	992
Weighers	105	44	34	5	51	15
Miscellaneous clerical workers	2 120	3 542	122	203	202	401
Not specified clerical workers	2 119	6 989	249	691	385	1 243
Clerical and kindred workers—allocated	2 168	5 410	194	671	321	1 194

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					
	Atlanta		Augusta, Ga.—S.C.		Chattanooga, Tenn.—Ga.	
	Male	Female	Male	Female	Male	Female
<b>Craftsmen and kindred workers</b> .....	<b>71 154</b>	<b>4 060</b>	<b>11 666</b>	<b>623</b>	<b>16 789</b>	<b>1 085</b>
Automobile accessories installers .....	168	—	—	—	—	—
Bakers .....	541	161	62	26	71	91
Blacksmiths .....	17	—	—	—	11	—
Boilermakers .....	60	—	16	—	288	8
Bookbinders .....	119	190	—	11	10	44
Brickmasons and stonemasons .....	1 912	42	301	5	309	21
Bulldozer operators .....	507	5	97	6	94	—
Cabinetmakers .....	589	11	64	6	140	—
Carpenters .....	4 620	69	918	5	990	3
Carpet installers .....	504	6	42	—	38	23
Cement and concrete finishers .....	671	10	26	—	63	—
Compositors and typesetters .....	1 023	177	142	4	234	41
Cranemen, derrickmen, and hoistmen .....	402	—	128	—	343	6
Decorators and window dressers .....	316	372	28	54	55	82
Dental laboratory technicians .....	212	42	10	10	11	18
Electricians .....	3 238	128	584	11	882	10
Electric power linemen and cablemen .....	436	—	85	—	114	—
Electrotypers and stereotypers .....	21	—	—	—	21	—
Engravers, except photoengravers .....	56	34	11	3	15	14
Excavating, grading, and road machine operators, except bulldozer .....	828	16	160	11	247	11
Floor layers, except tile setters .....	267	—	20	—	64	—
Foremen, n.e.c. ....	10 103	999	2 089	190	3 098	294
Construction .....	1 274	25	178	—	156	—
Manufacturing .....	4 373	384	1 389	107	2 273	204
Durable goods .....	2 756	104	349	5	639	31
Nondurable goods, including not specified manufacturing .....	1 617	280	1 040	102	1 434	173
Transportation, communications, and other public utilities .....	1 625	59	176	4	285	6
All other industries .....	2 831	531	346	79	384	84
Forgemen and hammermen .....	41	12	5	—	12	—
Furniture and wood finishers .....	82	14	20	—	16	10
Furriers .....	6	6	—	—	4	6
Glaziers .....	267	14	22	4	22	—
Heat treaters, annealers, and temperers .....	16	—	—	—	14	—
Inspectors, scalers, and graders, log and lumber .....	—	—	23	6	5	5
Inspectors, n.e.c. ....	559	118	63	18	133	32
Construction .....	62	—	12	—	10	—
Railroads and railway express service .....	156	—	10	—	40	3
Jewelers and watchmakers .....	189	5	38	5	24	18
Job and die setters, metal .....	97	—	—	—	69	—
Locomotive engineers .....	424	13	55	—	74	5
Locomotive firemen .....	18	—	7	—	14	—
Machinists .....	1 510	33	346	15	884	25
Mechanics and repairmen .....	20 331	296	3 080	63	3 645	70
Air conditioning, heating, and refrigeration .....	1 363	28	235	7	144	—
Aircraft .....	4 265	38	6	—	30	—
Automobile body repairmen .....	757	—	93	—	170	—
Automobile mechanics .....	6 510	102	864	9	964	5
Data processing machine repairmen .....	386	—	—	—	28	—
Farm implement .....	94	—	11	—	21	—
Heavy equipment mechanics, including diesel .....	2 660	43	981	27	1 228	34
Household appliance and accessory installers and mechanics .....	987	16	104	—	262	3
Loom fixers .....	92	—	254	15	84	5
Office machine .....	384	4	36	—	66	—
Radio and television .....	967	16	140	5	133	7
Railroad and car shop .....	298	4	41	—	142	—
Miscellaneous mechanics and repairmen .....	1 074	31	253	—	225	10
Not specified mechanics and repairmen .....	494	14	62	—	148	6
Millers, grain, flour, and feed .....	5	—	—	—	14	—
Millwrights .....	212	—	104	—	96	—
Molders, metal .....	51	22	—	—	196	6
Motion picture projectionists .....	81	—	—	5	25	—
Opticians, and lens grinders and polishers .....	117	58	25	—	46	—
Painters, construction and maintenance .....	2 933	78	386	4	400	14
Paperhangers .....	97	—	9	—	18	—
Pattern and model makers, except paper .....	94	27	4	6	72	—
Photoengravers and lithographers .....	251	39	15	6	31	4
Piano and organ tuners and repairmen .....	76	—	6	—	6	—
Plasterers .....	160	5	15	4	33	—
Plumbers and pipe fitters .....	2 145	7	536	8	553	9
Power station operators .....	52	—	36	—	76	—
Pressmen and plate printers, printing .....	1 473	178	49	—	124	26
Rollers and finishers, metal .....	68	5	5	—	25	—
Roofers and slaters .....	538	—	147	—	143	4
Sheetmetal workers and tinsmiths .....	1 031	20	130	5	201	—
Shipfitters .....	—	—	—	—	—	—
Shoe repairmen .....	143	46	23	—	20	—
Sign painters and letterers .....	101	24	8	—	25	14
Stationary engineers .....	787	8	215	4	150	2
Stone cutters and stone carvers .....	52	—	11	5	—	—
Structural metal craftsmen .....	463	13	48	—	144	—
Tailors .....	167	116	22	33	49	24
Telephone installers and repairmen .....	2 410	212	247	33	218	10
Telephone linemen and splicers .....	416	12	56	—	99	5
Tile setters .....	337	10	89	—	58	—
Tool and die makers .....	707	29	16	—	114	5
Upholsterers .....	423	42	34	5	150	59
Craftsmen and kindred workers, n.e.c. ....	409	74	34	—	138	33
Former members of the Armed Forces .....	....	....	....	....	....	....
Craftsmen and kindred workers—allocated .....	5 205	262	954	52	1 551	33

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					
	Atlanta		Augusta, Ga.—S.C.		Chattanooga, Tenn.—Ga.	
	Male	Female	Male	Female	Male	Female
<b>Operatives, except transport</b> .....	<b>34 833</b>	<b>21 291</b>	<b>8 117</b>	<b>6 011</b>	<b>13 025</b>	<b>9 873</b>
Asbestos and insulation workers .....	217	—	52	—	18	—
Assemblers .....	5 922	1 253	139	151	444	465
Blasters and powdermen .....	—	—	5	—	—	7
Battling and canning operatives .....	177	63	15	5	32	11
Chainmen, rodmen, and axmen; surveying .....	59	—	16	—	15	—
Checkers, examiners, and inspectors; manufacturing .....	1 717	1 574	279	386	582	914
Clothing ironers and pressers .....	127	1 278	38	289	37	193
Cutting operatives, n.e.c. ....	789	245	65	32	211	140
Dressmakers and seamstresses, except factory .....	51	746	3	130	—	139
Drillers, earth .....	93	6	42	5	50	—
Dry wall installers and lathers .....	—	—	—	—	44	—
Dyers .....	492	5	46	13	304	17
Filers, polishers, sanders, and buffers .....	78	88	262	9	82	32
Furnacemen, smeltermen, and pourers .....	291	6	24	5	168	—
Garage workers and gas station attendants .....	140	6	30	10	627	36
Graders and sorters, manufacturing .....	2 878	63	454	55	14	35
Produce graders and packers, except factory and farm .....	18	62	102	—	25	4
Heaters, metal .....	15	43	—	—	6	—
Laundry and drycleaning operatives, n.e.c. ....	13	6	5	—	72	252
Meat cutters and butchers, except manufacturing .....	338	849	96	174	72	252
Meat cutters and butchers, manufacturing .....	975	108	235	—	244	20
Meat wrappers, retail trade .....	46	90	43	4	21	11
Metal platers .....	12	258	—	24	6	39
Milliners .....	68	—	5	—	41	6
Milliners .....	—	6	—	—	—	—
Mine operatives, n.e.c. ....	75	61	98	14	28	—
Mixing operatives .....	472	40	115	4	211	20
Oilers and greasers, except auto .....	141	22	46	5	87	10
Packers and wrappers, except meat and produce .....	1 387	2 625	292	640	354	446
Painters, manufactured articles .....	706	98	62	—	146	42
Photographic process workers .....	263	259	14	17	71	141
Precision machine operatives .....	560	67	62	15	474	56
Drill press operatives .....	117	12	23	—	73	3
Grinding machine operatives .....	137	4	9	—	251	25
Lathe and milling machine operatives .....	232	11	13	10	128	9
Precision machine operatives, n.e.c. ....	74	40	17	5	22	19
Punch and stamping press operatives .....	265	67	33	13	94	60
Riveters and fasteners .....	54	41	4	—	21	19
Sailors and deckhands .....	5	4	5	—	11	—
Sawyers .....	265	37	57	—	80	24
Sewers and stitchers .....	233	3 639	54	694	194	1 314
Shoemaking machine operatives .....	99	174	—	12	4	24
Solderers .....	15	—	5	—	10	—
Stationary firemen .....	296	6	104	4	149	19
Textile operatives .....	691	1 162	1 984	1 981	2 059	3 012
Carding, lapping, and combing operatives .....	54	27	128	28	82	42
Knitters, loopers, and toppers .....	—	43	17	—	35	314
Spinners, twistors, and winders .....	210	524	741	909	792	1 385
Weavers .....	47	138	90	416	38	118
Textile operatives, n.e.c. ....	380	430	1 008	628	1 112	1 153
Welders and flamecutters .....	2 255	78	423	10	1 570	65
Winding operatives, n.e.c. ....	76	44	168	34	48	9
Miscellaneous and not specified operatives .....	9 491	3 832	2 116	708	3 258	1 134
Occupation:						
Machine operatives, miscellaneous specified .....	3 318	1 399	744	294	1 237	376
Machine operatives, not specified .....	2 021	1 000	638	222	851	276
Miscellaneous operatives .....	3 032	1 080	531	160	839	361
Not specified operatives .....	1 120	353	203	32	331	121
<b>Industry:</b> .....						
<b>Manufacturing</b> .....	<b>6 635</b>	<b>3 000</b>	<b>1 810</b>	<b>632</b>	<b>2 803</b>	<b>1 037</b>
Durable goods .....	3 732	1 083	599	341	1 629	375
Lumber and wood products, except furniture .....	72	21	43	—	43	6
Furniture and fixtures .....	233	146	6	9	84	35
Stone, clay, and glass products .....	460	97	416	138	225	87
Primary metal industries .....	403	5	5	—	309	12
Blast furnaces, steel works, and rolling and finishing mills .....	193	—	—	—	6	—
Fabricated metal industries, including not specified metal .....	377	140	10	5	470	69
Machinery, except electrical .....	241	45	28	11	185	26
Electrical machinery, equipment, and supplies .....	276	121	24	11	68	73
Transportation equipment .....	1 430	159	13	—	125	5
Motor vehicles and motor vehicle equipment .....	535	24	6	—	25	—
Professional and photographic equipment, and watches .....	26	29	16	71	14	28
Ordnance .....	—	—	—	—	16	—
Miscellaneous manufacturing industries .....	203	320	38	72	83	34
Durable goods—allocated .....	11	—	—	—	7	—
Nondurable goods .....	2 866	1 901	1 205	284	1 153	653
Food and kindred products .....	847	442	137	86	248	205
Tobacco manufactures .....	—	—	—	—	—	—
Apparel and other fabricated textile products .....	95	300	41	118	23	106
Paper and allied products .....	921	497	473	61	265	67
Printing, publishing, and allied industries .....	311	282	7	—	37	54
Chemicals and allied products .....	290	100	522	5	528	127
Petroleum and coal products .....	20	—	5	—	10	—
Rubber and miscellaneous plastic products .....	276	136	4	14	13	5
Leather and leather products .....	106	135	—	—	29	85
Nondurable goods—allocated .....	—	9	16	—	—	4
Not specified manufacturing industries .....	37	16	6	7	21	9
<b>Nonmanufacturing industries</b> .....	<b>2 856</b>	<b>832</b>	<b>306</b>	<b>76</b>	<b>455</b>	<b>97</b>
Construction .....	253	—	47	5	86	6
Transportation, communications, and other public utilities .....	817	38	76	—	68	6
Wholesale and retail trade .....	858	483	91	40	161	41
Business and repair services .....	555	64	57	6	77	5
Public administration .....	180	21	21	—	24	—
All other industries .....	193	226	14	25	39	39
Operatives, except transport—allocated .....	2 968	2 286	519	568	1 113	1 157



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					
	Atlanta		Augusta, Ga.—S.C.		Chattanooga, Tenn.—Ga.	
	Male	Female	Male	Female	Male	Female
<b>Transport equipment operatives</b> .....	<b>21 417</b>	<b>1 115</b>	<b>3 023</b>	<b>185</b>	<b>5 110</b>	<b>145</b>
Boatmen and canalmen.....	—	5	—	—	—	—
Bus drivers.....	1 170	454	204	77	240	23
Conductors and motormen, urban rail transit.....	29	—	4	—	—	—
Deliverymen and routemen.....	4 000	110	705	16	737	26
Fork lift and tow motor operatives.....	1 778	12	159	11	582	30
Motormen, mine, factory, logging camp, etc.....	6	—	—	—	—	—
Parking attendants.....	356	12	5	—	51	—
Railroad brakemen.....	150	5	28	—	29	—
Railroad switchmen.....	467	29	83	—	196	—
Taxicab drivers and chauffeurs.....	1 130	107	175	9	132	6
Truck drivers.....	10 358	222	1 448	27	2 619	55
Transport equipment operatives—allocated.....	1 973	159	212	45	524	5
<b>Laborers, except farm</b> .....	<b>21 663</b>	<b>2 484</b>	<b>3 254</b>	<b>413</b>	<b>4 684</b>	<b>598</b>
Animal caretakers, except farm.....	169	36	34	12	33	6
Carpenters' helpers.....	398	—	55	—	51	—
Construction laborers, except carpenters' helpers.....	3 776	130	444	25	839	30
Fishermen and oystermen.....	21	—	—	—	—	—
Freight and material handlers.....	3 887	269	694	77	639	114
Garbage collectors.....	735	—	147	4	87	—
Gardeners and groundskeepers, except farm.....	1 808	45	354	7	359	10
Longshoremen and stevedores.....	38	—	—	—	9	—
Lumbermen, raftsmen, and woodchoppers.....	68	18	29	—	59	—
Stock handlers.....	3 942	1 083	410	85	638	152
Teamsters.....	19	—	6	—	5	—
Vehicle washers and equipment cleaners.....	774	198	76	80	138	47
Warehousemen, n.e.c.....	1 231	56	57	6	115	5
Miscellaneous and not specified laborers.....	2 205	368	572	83	1 048	133
Occupation:						
Miscellaneous laborers.....	560	127	167	17	259	31
Not specified laborers.....	1 645	241	405	66	789	102
Industry:						
Manufacturing.....	681	181	309	55	687	99
Durable goods.....	372	57	137	22	468	37
Lumber and wood products, except furniture.....	24	4	22	—	31	—
Furniture and fixtures.....	23	13	—	—	21	—
Stone, clay, and glass products.....	37	5	84	20	52	—
Primary metal industries.....	85	6	5	—	155	—
Blast furnaces, steel works, and rolling and finishing mills.....	48	6	—	—	5	—
Fabricated metal industries, including not specified metal.....	66	9	10	—	142	5
Machinery, except electrical.....	41	9	—	—	37	11
Electrical machinery, equipment, and supplies.....	17	—	5	—	21	6
Transportation equipment.....	57	4	11	—	9	—
Motor vehicles and motor vehicle equipment.....	47	—	—	—	6	—
Professional and photographic equipment, and watches.....	—	—	—	—	—	—
Ordnance.....	—	—	—	—	—	—
Miscellaneous manufacturing industries.....	16	7	—	—	—	15
Durable goods—allocated.....	6	—	—	—	—	—
Nondurable goods.....	304	108	172	35	213	62
Food and kindred products.....	162	3	26	16	74	15
Tobacco manufactures.....	—	—	—	—	—	—
Textile mill products.....	41	19	64	19	18	36
Apparel and other fabricated textile products.....	7	19	—	—	—	—
Paper and allied products.....	15	30	41	—	4	—
Printing, publishing, and allied industries.....	19	11	—	—	—	6
Chemicals and allied products.....	39	5	41	—	78	5
Petroleum and coal products.....	11	—	—	—	11	—
Rubber and miscellaneous plastic products.....	5	17	—	—	12	—
Leather and leather products.....	—	4	—	—	16	—
Nondurable goods—allocated.....	5	—	—	—	—	—
Not specified manufacturing industries.....	5	16	—	—	6	—
Nonmanufacturing industries.....	1 524	187	263	28	361	34
Transportation, communications, and other public utilities.....	535	29	98	—	136	10
Wholesale and retail trade.....	412	97	71	5	92	10
Business and repair services.....	154	23	16	6	10	—
Public administration.....	98	—	16	5	40	—
All other industries.....	325	38	62	12	83	14
Laborers, except farm—allocated.....	2 592	281	376	34	664	101
<b>Farmers and farm managers</b> .....	<b>622</b>	<b>88</b>	<b>327</b>	<b>25</b>	<b>393</b>	<b>56</b>
Farmers, owners and tenants.....	363	48	266	25	245	42
Farm managers.....	62	4	17	—	18	—
Farmers and farm managers—allocated.....	197	36	44	—	130	14
<b>Farm laborers and farm foremen</b> .....	<b>855</b>	<b>261</b>	<b>374</b>	<b>44</b>	<b>324</b>	<b>116</b>
Farm foremen.....	20	—	25	—	20	—
Farm laborers, wage workers.....	420	93	260	34	217	85
Farm laborers, unpaid family workers.....	16	17	16	—	12	18
Farm service laborers, self-employed.....	15	—	—	—	—	—
Farm laborers and farm foremen—allocated.....	384	151	73	10	75	13

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					
	Atlanta		Augusta, Ga.—S.C.		Chattanooga, Tenn.—Ga.	
	Male	Female	Male	Female	Male	Female
<b>Service workers, except private household</b> .....	<b>23 611</b>	<b>30 753</b>	<b>4 420</b>	<b>5 525</b>	<b>4 856</b>	<b>7 283</b>
Cleaning service workers .....	7 464	4 266	1 323	824	2 017	926
Chambermaids and maids, except private household .....	172	1 801	23	339	—	310
Cleaners and chorwomen .....	1 316	1 986	254	374	158	359
Janitors and sextons .....	5 976	479	1 046	111	1 859	257
<b>Food service workers</b> .....	<b>4 622</b>	<b>11 086</b>	<b>610</b>	<b>1 998</b>	<b>545</b>	<b>2 567</b>
Bartenders .....	337	130	72	27	26	—
Busboys .....	393	128	23	1	43	26
Cooks, except private household .....	1 887	3 661	316	852	253	1 016
Dishwashers .....	442	251	43	41	95	97
Food counter and fountain workers .....	250	755	26	158	20	101
Waiters .....	953	4 701	65	721	57	1 059
Food service workers, n.e.c., except private household .....	360	1 460	65	198	51	268
<b>Health service workers</b> .....	<b>644</b>	<b>4 903</b>	<b>538</b>	<b>1 329</b>	<b>141</b>	<b>1 400</b>
Dental assistants .....	—	585	6	98	7	103
Health aides, except nursing .....	105	593	48	156	11	130
Health trainees .....	4	283	4	9	5	5
Lay midwives .....	—	—	—	—	—	—
Nursing aides, orderlies, and attendants .....	521	2 335	448	835	96	862
Practical nurses .....	14	1 107	32	231	22	300
<b>Personal service workers</b> .....	<b>2 511</b>	<b>6 827</b>	<b>553</b>	<b>827</b>	<b>536</b>	<b>1 308</b>
Airline stewardesses .....	20	1 384	—	—	—	10
Attendants, recreation and amusement .....	194	74	45	11	80	25
Attendants, personal service, n.e.c. ....	130	237	23	16	5	27
Baggage porters and bellhops .....	266	5	35	—	35	—
Barbers .....	1 001	67	242	—	288	30
Boarding and lodging house keepers .....	17	57	4	10	7	5
Bootblacks .....	14	—	11	—	5	—
Child care workers, except private household .....	76	1 220	47	162	24	266
Elevator operators .....	80	59	21	11	39	23
Hairdressers and cosmetologists .....	328	3 021	58	518	39	768
Housekeepers, except private household .....	295	577	64	94	14	99
School monitors .....	—	5	—	—	—	5
Ushers, recreation and amusement .....	52	28	3	—	—	—
Welfare service aides .....	38	93	—	5	—	50
<b>Protective service workers</b> .....	<b>5 930</b>	<b>433</b>	<b>1 043</b>	<b>123</b>	<b>1 087</b>	<b>80</b>
Crossing guards and bridge tenders .....	39	181	13	68	27	26
Firemen, fire protection .....	1 496	15	140	—	196	—
Guards and watchmen .....	2 181	81	516	35	407	18
Marshals and constables .....	34	—	—	—	9	—
Policemen and detectives .....	1 979	136	300	16	391	36
Sheriffs and bailiffs .....	201	20	74	4	57	—
Service workers, except private household — allocated .....	2 440	3 238	353	424	530	1 002
<b>Private household workers</b> .....	<b>362</b>	<b>12 778</b>	<b>63</b>	<b>2 993</b>	<b>121</b>	<b>2 450</b>
Occupation:						
Child care workers, private household .....	9	787	—	235	13	313
Cooks, private household .....	6	316	5	78	4	35
Housekeepers, private household .....	25	451	—	239	16	98
Laundresses, private household .....	—	50	—	8	—	18
Maids and servants, private household .....	257	8 504	41	2 168	56	1 446
Private household workers — allocated .....	65	2 670	17	265	32	540
Living arrangement:						
Living in .....	4	379	—	18	—	63
Living out .....	358	12 399	63	2 975	121	2 387

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

THE STATE

	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
<b>Male, 16 years old and over</b>	<b>1 073 476</b>	<b>852 157</b>	<b>219 991</b>	<b>5 897</b>	<b>1 054 062</b>	<b>800 898</b>	<b>181 708</b>	<b>71 456</b>	<b>21 853</b>	<b>57 950</b>	<b>102 149</b>
<b>Professional, technical, and kindred workers</b>	<b>114 659</b>	<b>106 781</b>	<b>7 508</b>	<b>1 411</b>	<b>113 634</b>	<b>91 506</b>	<b>16 016</b>	<b>6 112</b>	<b>973</b>	<b>2 911</b>	<b>6 572</b>
Accountants	9 138	8 969	148	79	9 081	7 683	925	473	101	273	302
Architects	1 037	1 006	26	40	1 037	916	92	29	5	5	30
Computer specialists	2 721	2 667	49	30	2 713	2 363	238	112	—	12	77
Engineers	18 128	17 832	258	272	18 037	16 211	1 380	446	191	431	667
Aeronautical and astronautical	2 392	2 330	43	55	2 375	2 210	129	36	—	21	55
Civil	3 738	3 663	71	47	3 727	3 338	310	79	50	179	196
Electrical and electronic	3 389	3 343	46	42	3 370	3 039	241	90	56	83	112
Mechanical	1 637	1 593	38	33	1 628	1 431	173	24	21	45	52
Other engineers	6 972	6 903	60	95	6 937	6 193	527	217	64	103	252
Lawyers and judges	4 117	4 063	54	19	4 111	3 566	391	154	57	87	123
Life and physical scientists	2 136	2 059	56	15	2 120	1 848	176	96	27	34	129
Chemists	1 080	1 028	41	—	1 074	909	102	63	15	16	59
Physicians, dentists, and related practitioners	8 773	8 531	211	204	8 724	7 206	1 174	344	103	229	388
Dentists	1 362	1 322	35	20	1 362	974	362	26	27	54	29
Pharmacists	2 074	2 027	47	—	2 059	1 778	145	136	28	86	170
Physicians, medical and osteopathic	4 298	4 158	119	166	4 270	3 568	549	153	36	68	150
Other related practitioners	1 039	1 024	10	18	1 033	886	118	29	12	21	39
Health technologists and technicians	1 549	1 515	210	19	1 495	1 132	194	169	14	86	174
Religious workers	5 923	5 293	630	58	5 854	5 240	495	119	67	198	282
Social scientists	1 265	1 238	27	28	1 265	1 026	136	103	—	31	60
Social and recreation workers	1 785	1 459	326	6	1 754	1 321	242	191	12	66	419
Teachers	17 772	14 447	3 232	233	17 565	10 800	5 388	1 377	84	384	833
College and university	6 058	5 573	396	150	5 971	4 032	1 511	428	45	118	373
Elementary and prekindergarten	3 225	2 134	1 087	23	3 192	1 698	1 200	294	34	128	143
Secondary	6 792	5 199	1 593	35	6 725	3 787	2 419	519	5	106	258
Engineering and science technicians	11 412	10 954	419	121	11 304	9 227	1 323	754	45	266	1 067
Draftsmen and surveyors	5 003	4 857	141	73	4 943	3 777	778	388	21	165	593
Electrical and electronic engineering technicians	2 033	1 984	49	20	2 023	1 830	126	67	5	11	82
Technicians, except health, and engineering and science	5 052	4 955	91	62	5 043	4 510	434	99	37	61	134
Airplane pilots	2 258	2 258	—	42	2 258	2 054	190	14	12	15	39
Writers, artists, and entertainers	7 704	7 235	436	110	7 630	5 662	1 224	744	43	243	702
Other professional, technical, and kindred workers	16 147	14 758	1 335	115	15 901	12 795	2 204	902	187	505	1 185
<b>Managers and administrators, except farm</b>	<b>124 187</b>	<b>118 983</b>	<b>5 093</b>	<b>943</b>	<b>123 582</b>	<b>110 901</b>	<b>10 392</b>	<b>2 289</b>	<b>1 998</b>	<b>5 167</b>	<b>4 425</b>
Buyers, purchasing agents, and sales managers	14 673	14 491	172	124	14 626	13 466	981	179	152	406	401
School administrators	2 956	2 343	613	30	2 950	2 196	707	47	10	96	41
Specified managers and administrators, public administration	7 754	7 391	350	32	7 749	7 174	439	136	225	430	445
Other specified managers and administrators	20 689	19 196	1 493	180	20 499	17 857	2 012	630	423	862	1 087
Managers and administrators, n.e.c., salaried	58 032	56 427	1 559	496	57 829	52 926	3 967	936	689	1 970	1 570
Manufacturing	12 727	12 519	204	96	12 712	11 939	670	103	139	372	256
Wholesale and retail trade	22 272	21 604	632	187	22 182	20 114	1 571	497	231	726	654
Transportation, communications, and other public utilities	5 031	4 976	55	31	5 021	4 748	264	9	101	282	129
All other industries	18 002	17 328	668	182	17 914	16 125	1 462	327	218	590	531
Managers and administrators, n.e.c., self-employed	20 083	19 135	906	81	19 929	17 282	2 286	361	499	1 403	881
Construction	3 954	3 722	232	7	3 944	2 914	915	115	73	176	184
Manufacturing	1 513	1 402	111	—	1 487	1 211	250	26	57	142	74
Wholesale and retail trade	11 095	10 679	374	48	11 005	10 089	744	172	316	840	475
All other industries	3 521	3 332	189	26	3 493	3 068	377	48	53	245	148
<b>Sales workers</b>	<b>78 827</b>	<b>76 033</b>	<b>2 717</b>	<b>473</b>	<b>77 950</b>	<b>63 473</b>	<b>9 645</b>	<b>4 832</b>	<b>998</b>	<b>3 082</b>	<b>6 174</b>
Insurance agents, brokers, and underwriters	11 172	10 836	318	59	11 106	9 941	932	233	134	333	296
Real estate agents and brokers	3 791	3 654	132	30	3 776	3 050	584	142	18	164	161
Sales representatives, manufacturing industries	9 580	9 440	140	117	9 537	8 420	910	207	84	203	289
Sales representatives, wholesale trade	14 921	14 654	257	84	14 874	13 160	1 372	342	58	319	480
Sales clerks, retail trade	18 955	17 886	1 064	120	18 565	12 823	3 116	2 626	378	1 073	3 006
Salesmen, retail trade	9 633	9 379	242	20	9 504	7 865	1 196	443	132	433	504
Salesmen of services and construction	3 546	3 449	97	8	3 530	2 861	463	206	35	105	292
Other sales workers	7 229	6 755	467	35	7 058	5 353	1 072	633	159	452	1 146
<b>Clerical and kindred workers</b>	<b>78 814</b>	<b>66 323</b>	<b>12 431</b>	<b>579</b>	<b>77 575</b>	<b>60 031</b>	<b>11 280</b>	<b>6 264</b>	<b>1 141</b>	<b>3 444</b>	<b>8 107</b>
Bank tellers and cashiers	2 847	2 528	315	35	2 749	1 512	639	598	45	149	782
Bookkeepers and billing clerks	5 615	5 368	40	40	5 544	4 576	727	241	127	282	475
Mail handlers and postal clerks	9 884	7 110	2 774	26	9 804	8 360	1 085	361	208	363	496
Other clerical and kindred workers	60 468	51 317	9 095	478	59 476	45 583	8 829	5 064	761	2 650	6 354
<b>Craftsmen and kindred workers</b>	<b>234 619</b>	<b>202 078</b>	<b>32 321</b>	<b>957</b>	<b>231 592</b>	<b>178 293</b>	<b>42 149</b>	<b>11 150</b>	<b>4 879</b>	<b>12 070</b>	<b>17 387</b>
Apparel craftsmen and upholsterers	2 253	1 816	431	—	2 240	1 668	382	190	45	134	143
Bakers	1 152	577	569	15	1 122	937	141	44	25	34	78
Cabinetmakers	1 947	1 722	225	26	1 897	1 465	318	114	55	92	156
Construction craftsmen	71 937	57 653	14 212	176	70 916	44 708	20 927	5 281	1 650	4 587	6 369
Carpenters	23 342	19 945	3 391	28	22 929	12 934	7 765	2 230	771	2 010	2 585
Excavating, grading, and road machine operators	8 611	6 612	1 993	—	8 523	6 083	2 040	400	175	435	612
Electricians	10 245	9 781	442	39	10 188	8 323	1 560	305	83	285	375
Masons and tile setters	7 559	4 264	3 289	14	7 391	3 582	3 155	654	149	404	618
Painters, construction and maintenance, and paperhangers	9 029	7 299	1 710	48	8 918	4 860	3 080	978	293	815	1 316
Plasterers and cement finishers	2 093	398	1 695	—	2 034	1 046	838	150	30	181	203
Plumbers and pipe fitters	7 367	6 457	904	15	7 304	5 583	1 414	307	86	267	381
Other construction craftsmen	3 691	2 897	788	32	3 629	2 297	1 075	257	63	190	279
Foremen, n.e.c.	33 897	32 247	1 639	176	33 808	30 698	2 705	405	570	1 310	1 242
Manufacturing	19 086	18 320	761	78	19 028	17 536	1 326	166	245	719	521
Nonmanufacturing industries	14 811	13 927	878	98	14 780	13 162	1 379	239	325	591	721
Linemen and servicemen, telephone and power	9 196	8 650	531	20	9 129	7 722	1 036	371	58	213	279
Locomotive engineers and firemen	1 228	1 128	100	8	1 214	971	228	15	69	168	41
Mechanics and repairmen	64 465	57 440	6 976	303	63 927	52 984	8 702	2 241	1 001	2 345	2 767
Air conditioning, heating, and refrigeration	3 410	3 223	177	17	3 386	2 713	488	185	16	66	159
Aircraft	7 187	6 690	487	86	7 177	6 499	612	66	74	123	104
Automobile, including body	22 977	19 558	3 395	71	22 682	17 937	3 689	1 056	355	912	1 027
Radio and television	3 318	3 079	239	13	3 278	2 777	352	149	34	88	197
Other mechanics and repairmen	27 573	24 890	2 678	116	27 404	23 058	3 561	785	522	1 156	1 280
Metal craftsmen, except mechanics	13 386	12 259	1 127	48	13 286	10 696	2 044	546	284	645	633
Machinists and job and die setters	6 086	5 516	570	26	6 042	5 042	756	244	170	336	214
Sheetmetal workers and tinsmiths	3 150	2 983	167	22	3 114	2 534	488	92	23	102	184
Tool and die makers	1 428	1 397	3								

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  
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THE STATE—Continued

Male, 16 years old and over—Continued

	Total experienced civilian labor force	Race		Persons of Spanish language	Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
		White	Negro		Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960-63	1964-68	1969-70
<b>Operatives, except transport</b> .....	<b>157 033</b>	<b>113 787</b>	<b>43 123</b>	<b>586</b>	<b>153 370</b>	<b>110 556</b>	<b>31 414</b>	<b>11 400</b>	<b>3 310</b>	<b>8 097</b>	<b>14 262</b>
Assemblers.....	12 264	9 154	3 100	86	12 046	7 970	3 483	593	61	353	706
Checkers, examiners, and inspectors; manufacturing.....	6 296	5 346	945	6	6 230	4 833	1 117	280	104	269	305
Garage workers and gas station attendants.....	10 624	8 502	2 111	66	10 064	5 667	2 280	2 117	188	576	2 051
Laundry and drycleaning operatives, n.e.c.....	1 238	656	582	—	1 213	938	215	60	43	105	152
Meat cutlers and butchers.....	4 578	3 561	1 017	34	4 528	3 581	738	209	91	241	310
Mine operatives, n.e.c.....	1 836	1 064	772	—	1 812	1 485	250	77	34	87	116
Packers and wrappers, except produce.....	5 866	3 429	2 437	13	5 522	3 744	1 077	701	144	270	824
Painters, manufactured articles.....	2 097	1 455	637	—	2 078	1 456	503	119	46	89	133
Precision machine operatives.....	2 283	1 873	406	—	2 261	1 658	492	111	36	118	163
Sawyers.....	3 521	1 738	1 783	8	3 477	2 202	1 053	222	131	222	228
Stationary firemen.....	1 612	1 259	348	6	1 612	1 379	178	55	87	160	125
Textile operatives.....	23 796	18 905	4 882	32	23 398	17 818	4 025	1 555	868	1 605	1 611
Welders and flamecutters.....	10 123	8 500	1 606	61	10 019	7 293	2 292	434	105	351	425
Other metalworking operatives.....	3 770	2 651	1 119	—	3 698	2 669	867	162	55	204	338
Other specified operatives.....	27 756	19 278	8 437	102	26 791	18 793	5 676	2 322	621	1 623	3 577
Miscellaneous and not specified operatives.....	39 373	26 416	12 941	172	38 621	29 070	7 168	2 383	696	1 824	3 198
Occupation:											
Machine operatives, miscellaneous specified.....	14 513	9 714	4 789	50	14 215	11 106	2 395	714	255	721	1 037
Machine operatives, not specified.....	9 127	5 657	3 464	45	8 981	7 027	1 505	449	127	381	575
Miscellaneous operatives.....	11 353	7 371	3 382	66	11 090	7 840	2 327	923	201	488	1 197
Not specified operatives.....	4 380	3 074	1 306	11	4 335	3 097	941	297	113	234	389
Industry:											
Manufacturing.....	30 384	20 389	9 984	128	29 791	22 777	5 438	1 576	486	1 267	2 228
Durable goods.....	14 660	9 706	4 949	70	14 415	10 631	3 043	741	274	761	1 310
Wood products, including furniture.....	3 041	1 433	1 608	13	2 965	1 914	825	226	139	351	320
Primary metal industries.....	1 343	818	525	—	1 327	876	361	90	15	59	100
Fabricated metal industries.....	1 728	1 216	512	—	1 665	1 291	295	79	27	41	169
Machinery, including electrical.....	2 027	1 570	457	11	2 012	1 530	396	86	29	81	125
Motor vehicles and equipment.....	1 203	992	211	7	1 199	855	293	51	4	62	102
Transportation equipment, except motor vehicles.....	2 375	1 937	438	22	2 354	1 918	359	77	11	36	140
Other durable goods.....	2 943	1 740	1 198	17	2 893	2 247	514	132	49	131	175
Nondurable goods.....	15 488	10 540	4 942	58	15 140	11 986	2 354	800	212	495	1 083
Food and kindred products.....	4 027	2 128	1 899	4	3 922	2 967	684	271	80	147	368
Apparel and other fabricated textile products.....	1 256	966	290	—	1 207	888	216	103	39	87	112
Paper and allied products.....	5 240	3 890	1 350	14	5 173	4 309	713	151	63	123	286
Chemicals and allied products.....	2 013	1 314	693	32	1 975	1 674	225	76	20	49	82
Other nondurable goods.....	2 952	2 242	710	8	2 863	2 148	516	199	10	89	235
Not specified manufacturing industries.....	236	143	93	—	236	160	41	35	—	11	14
Nonmanufacturing industries.....	8 989	6 027	2 957	44	8 830	6 293	1 730	807	210	557	970
Transportation, communications, and other public utilities.....	1 793	1 404	389	6	1 793	1 376	293	124	36	99	152
Wholesale and retail trade.....	2 763	1 446	1 312	15	2 687	1 832	542	313	84	195	341
All other industries.....	4 433	3 177	1 256	23	4 350	3 085	895	370	90	263	477
Transport equipment operatives.....	71 159	47 007	24 110	221	69 968	52 118	14 241	3 609	1 038	3 138	5 015
Bus drivers.....	4 179	2 857	1 317	17	4 133	2 650	1 357	126	99	297	210
Taxicab drivers and chauffeurs.....	2 868	1 672	1 191	8	2 802	1 780	759	263	66	187	280
Truck drivers and deliverymen.....	50 288	34 390	15 881	149	49 686	37 682	9 515	2 489	628	2 097	3 396
Other transport equipment operatives.....	13 824	8 088	5 721	47	13 347	10 006	2 610	731	245	557	1 129
<b>Laborers, except farm</b> .....	<b>86 657</b>	<b>42 081</b>	<b>44 456</b>	<b>226</b>	<b>82 994</b>	<b>47 438</b>	<b>23 036</b>	<b>12 520</b>	<b>2 206</b>	<b>6 812</b>	<b>18 927</b>
Construction laborers.....	17 601	8 502	9 085	21	16 928	8 904	5 524	2 500	483	1 593	4 818
Freight, stock, and material handlers.....	31 114	17 326	13 736	99	29 770	17 543	7 230	4 997	519	1 580	6 061
Other specified laborers.....	24 433	10 562	13 817	49	23 288	12 874	7 057	3 357	676	2 122	5 347
Miscellaneous and not specified laborers.....	13 509	5 691	7 818	57	13 008	8 117	3 225	1 666	528	1 517	2 701
Occupation:											
Miscellaneous laborers.....	4 551	1 816	2 735	9	4 424	2 954	1 107	363	294	669	635
Not specified laborers.....	8 958	3 875	5 083	48	8 584	5 163	2 118	1 303	234	848	2 066
Industry:											
Manufacturing.....	6 140	2 791	3 349	21	5 933	3 796	1 476	661	152	490	1 134
Durable goods.....	2 755	1 179	1 576	—	2 641	1 617	784	240	84	238	437
Wood products, including furniture.....	843	434	609	—	818	423	311	84	38	88	123
Metal industries.....	634	321	313	—	590	401	139	50	21	58	96
Machinery, including electrical.....	258	176	82	—	239	126	102	11	10	27	21
Transportation equipment.....	439	272	167	—	433	256	130	47	—	7	55
Other durable goods.....	581	176	405	—	561	411	102	48	15	58	142
Nondurable goods.....	3 339	1 597	1 742	21	3 246	2 150	686	410	56	252	697
Food and kindred products.....	995	478	517	—	961	600	244	117	7	61	158
Not specified manufacturing industries.....	46	15	31	—	46	29	6	11	12	—	—
Nonmanufacturing industries.....	7 369	2 900	4 469	36	7 075	4 321	1 749	1 005	376	1 027	1 567
Railroads and railway express service.....	867	150	43	—	850	685	124	43	62	198	100
Transportation, except railroads.....	377	151	226	—	367	238	57	72	14	21	109
Communications, and utilities and sanitary services.....	1 042	400	642	—	1 029	764	182	83	41	104	144
Wholesale and retail trade.....	1 985	926	1 059	21	1 844	1 088	496	260	97	211	490
All other industries.....	3 098	1 273	1 825	15	2 985	1 548	890	547	162	493	724
Farmers and farm managers.....	27 242	24 386	2 856	23	26 882	22 300	3 538	1 044	1 890	3 696	3 295
Farm laborers and farm foremen.....	27 059	12 168	14 846	67	26 092	16 331	6 415	3 346	1 358	3 344	5 598
Paid farm laborers and farm foremen.....	26 039	11 320	14 674	67	25 190	15 730	6 248	3 212	1 279	3 181	5 119
Unpaid family workers.....	1 020	848	172	—	902	601	167	134	79	163	479
Service workers, except private household <sup>1</sup> .....	71 440	42 180	29 106	411	68 992	47 131	13 250	8 611	1 994	5 925	11 962
Cleaning service workers.....	25 068	9 667	15 386	62	24 235	16 197	5 096	2 942	652	2 080	3 284
Food service workers.....	11 954	6 269	5 620	143	11 226	5 513	2 826	2 887	245	1 039	3 754
Cooks, except private household.....	5 002	2 633	2 326	72	4 781	2 874	1 146	761	131	337	1 235
Busboys and dishwashers.....	1 967	898	1 069	7	1 773	473	447	853	37	263	1 108
Health service workers.....	3 697	1 790	1 898	15	3 553	2 423	696	434	89	284	542
Personal service workers.....	7 360	5 618	1 727	68	7 212	4 874	1 392	946	172	627	1 718
Protective service workers.....	17 791	16 258	1 509	105	17 596	14 719	2 056	821	563	1 459	1 098
Firemen, fire protection.....	3 424	3 143	277	8	3 400	3 092	226	82	68	96	38
Guards and watchmen.....	6 932	6 256	666	64	6 790	5 142	1 144	504	378	1 043	745
Policemen and detectives.....	6 290	5 765	521	33	6 261	5 491	584	186	89	222	247
Private household workers.....	1 566	232	1 328	—	1 431	820	332	279	68	264	425
Unemployed persons, last worked 1959 or earlier <sup>2</sup> .....	214	118	96	—	...	...	...	...	...	...	...

<sup>1</sup>Includes allocated cases not shown separately.

<sup>2</sup>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

THE STATE—Continued

Female, 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
<b>Professional, technical, and kindred workers</b>	<b>97 147</b>	<b>79 479</b>	<b>17 469</b>	<b>797</b>	<b>93 424</b>	<b>46 132</b>	<b>33 723</b>	<b>13 569</b>	<b>5 447</b>	<b>15 385</b>	<b>19 172</b>
Accountants	4 959	4 755	199	42	4 804	3 520	607	677	181	633	750
Computer specialists	871	820	51	10	855	630	111	114	28	69	64
Librarians	2 352	1 904	439	—	2 277	1 072	1 002	203	72	259	274
Mathematical specialists	173	173	—	—	168	141	21	6	21	27	31
Life and physical scientists	479	438	41	6	475	353	84	38	38	98	38
Registered nurses, dietitians, and therapists	16 269	13 715	2 473	123	15 682	9 525	3 852	2 305	1 107	2 682	3 066
Dietitians	1 115	820	290	6	1 071	603	377	91	107	177	163
Registered nurses	14 542	12 348	2 123	117	14 022	8 603	3 286	2 133	975	2 385	2 798
Health technologists and technicians	3 857	3 423	426	50	3 766	2 471	830	465	163	583	641
Social scientists	262	250	12	6	257	150	68	39	27	22	50
Social and recreation workers	3 267	2 582	685	54	3 142	2 058	676	408	144	553	951
Teachers: College and university	2 522	2 160	356	51	2 438	1 015	987	436	107	290	470
Elementary and prekindergarten	31 853	23 793	8 036	154	30 665	10 287	15 575	4 803	1 674	5 505	6 310
Secondary	10 751	8 169	2 574	108	10 399	3 815	5 128	1 456	618	1 767	1 900
Other teachers	2 779	2 563	216	26	2 679	1 006	1 193	480	141	450	557
Engineering and science technicians	1 703	1 550	148	42	1 629	1 123	298	208	76	288	407
Technicians, except health, and engineering and science	332	303	29	6	316	222	59	35	24	40	59
Writers, artists, and entertainers	3 580	3 404	161	76	3 441	1 927	926	588	247	634	944
Actors and dancers	119	107	12	8	99	30	44	25	19	30	52
Authors, editors, and reporters	899	870	29	11	882	552	188	142	77	196	286
Other professional, technical, and kindred workers	11 138	9 477	1 623	43	10 431	6 817	2 306	1 308	779	1 485	2 660
<b>Managers and administrators, except farm</b>	<b>24 605</b>	<b>22 553</b>	<b>2 066</b>	<b>142</b>	<b>23 900</b>	<b>17 944</b>	<b>4 150</b>	<b>1 806</b>	<b>1 431</b>	<b>3 643</b>	<b>3 227</b>
Buyers, purchasing agents, and sales managers	2 533	2 478	55	29	2 477	1 930	398	149	149	358	336
Restaurant, cafeteria, and bar managers	2 902	2 348	549	32	2 831	1 599	986	246	196	579	404
School administrators	1 251	954	297	—	1 242	690	474	78	62	129	149
Other specified managers and administrators	5 798	5 369	425	26	5 553	4 268	721	564	290	771	969
Managers and administrators, n.e.c., salaried	8 418	7 962	450	55	8 234	6 520	1 132	582	457	1 234	946
Wholesale and retail trade	3 485	3 312	173	5	3 418	2 635	482	301	173	527	373
Managers and administrators, n.e.c., self-employed	3 703	3 442	230	—	3 563	2 937	439	187	277	572	423
Wholesale and retail trade	2 682	2 508	143	—	2 573	2 181	273	119	197	434	323
<b>Sales workers</b>	<b>45 411</b>	<b>41 840</b>	<b>3 514</b>	<b>318</b>	<b>42 170</b>	<b>22 526</b>	<b>9 858</b>	<b>9 786</b>	<b>3 933</b>	<b>11 566</b>	<b>17 430</b>
Demonstrators, hucksters, and peddlers	2 382	2 192	190	7	1 963	683	538	742	100	640	941
Insurance, real estate agents, and brokers	3 190	2 908	278	14	3 062	2 070	634	358	107	420	474
Sales clerks, retail trade	31 217	28 999	2 171	245	29 258	15 244	6 807	7 207	3 077	8 844	12 629
Salesmen, retail trade	1 277	1 188	89	—	1 220	804	219	197	75	268	331
Other sales workers	7 345	6 553	786	52	6 667	3 725	1 660	1 282	574	1 394	3 055
<b>Clerical and kindred workers</b>	<b>214 813</b>	<b>194 888</b>	<b>19 607</b>	<b>1 390</b>	<b>204 419</b>	<b>127 974</b>	<b>44 171</b>	<b>32 274</b>	<b>15 433</b>	<b>40 648</b>	<b>52 308</b>
Bank tellers	4 401	4 240	156	5	4 280	2 915	896	469	229	771	802
Bookkeepers	27 610	26 934	647	167	26 802	19 130	4 735	2 937	1 784	4 357	4 710
Cashiers	15 787	13 744	2 011	97	14 738	7 153	3 939	3 646	1 076	3 501	6 449
Counter clerks, except food	3 834	3 445	374	26	3 597	2 058	646	698	166	649	1 031
Enumerators and interviewers	1 633	1 475	153	—	919	168	241	510	176	163	487
File clerks	5 515	4 433	1 070	44	5 146	2 573	1 197	1 376	440	1 389	1 800
Office machine operators	7 782	7 003	763	53	7 504	4 835	1 639	1 030	577	1 353	1 730
Bookkeeping and billing machine operators	867	831	36	—	837	497	216	124	118	168	195
Keypunch operators	5 279	4 659	612	46	5 064	3 263	1 128	673	334	923	1 153
Payroll and timekeeping clerks	2 596	2 512	78	17	2 556	1 934	391	231	138	418	432
Receptionists	4 936	4 509	419	19	4 588	2 490	961	1 137	424	1 382	1 790
Secretaries	54 693	52 127	2 513	411	52 948	35 525	11 108	6 315	4 326	10 957	10 843
Stenographers	2 482	2 409	73	—	2 439	1 785	463	191	214	523	399
Telephone operators	8 629	7 178	1 445	67	8 187	4 617	1 851	1 719	780	1 828	2 304
Typists	15 998	14 303	1 673	152	15 272	8 827	3 449	2 996	1 383	3 458	4 681
Other clerical and kindred workers	58 917	50 576	8 232	332	55 443	33 964	12 460	9 019	3 720	9 899	14 850
<b>Craftsmen and kindred workers</b>	<b>13 917</b>	<b>11 524</b>	<b>2 368</b>	<b>43</b>	<b>13 453</b>	<b>9 183</b>	<b>2 953</b>	<b>1 317</b>	<b>792</b>	<b>2 180</b>	<b>2 784</b>
Foremen, n.e.c.	4 095	3 753	336	31	4 037	3 213	648	176	186	550	482
<b>Operatives, except transport</b>	<b>148 572</b>	<b>110 350</b>	<b>38 011</b>	<b>455</b>	<b>140 346</b>	<b>82 824</b>	<b>38 119</b>	<b>19 403</b>	<b>10 841</b>	<b>30 203</b>	<b>35 519</b>
Assemblers	4 464	3 278	1 181	28	4 216	2 271	1 270	675	192	936	1 074
Bottling and canning operatives	217	82	135	—	193	82	96	15	46	179	215
Checkers, examiners, and inspectors; manufacturing	11 543	10 006	1 510	36	11 187	7 284	2 835	1 068	873	2 345	2 168
Dressmakers and seamstresses, except factory	2 052	1 640	394	32	1 986	1 200	519	267	181	478	495
Laundry and drycleaning operatives, including ironers	7 968	2 022	5 941	32	7 535	4 648	2 005	882	606	1 420	1 465
Graders and sorters, manufacturing	983	393	590	—	937	484	260	190	82	132	327
Packers and wrappers, except produce	10 329	7 156	3 138	37	9 788	5 249	2 817	1 722	811	2 523	3 361
Sewers and stitchers	45 498	37 387	8 060	134	43 308	24 901	12 358	6 049	3 034	9 633	9 893
Textile operatives	26 891	22 493	4 381	30	25 789	16 635	6 210	2 944	2 365	5 173	5 276
Other specified operatives	19 601	13 830	5 740	71	17 433	9 994	4 667	2 772	1 578	3 936	6 341
Miscellaneous and not specified operatives	19 026	11 866	7 138	55	17 974	10 076	5 082	2 816	1 073	3 448	4 904
Manufacturing	16 634	5 975	10 648	36	15 740	8 951	4 435	2 354	944	2 968	4 140
Durable goods	5 315	3 244	2 071	11	4 975	2 894	1 368	713	251	865	1 200
Machinery, including electrical	618	430	188	—	571	330	151	90	34	129	258
Other durable goods	4 697	2 814	1 883	11	4 404	2 564	1 217	623	217	736	942
Nondurable goods, including not specified manufacturing	11 319	7 404	3 904	25	10 765	6 057	3 067	1 641	693	2 103	2 940
Food and kindred products	3 611	1 514	2 094	12	3 392	1 766	1 043	583	265	735	1 131
Apparel and other fabricated textile products	3 911	3 073	830	5	3 738	2 083	1 085	570	212	760	812
Nonmanufacturing industries	2 392	1 218	1 163	19	2 234	1 125	647	462	129	480	764
Transport equipment operatives	3 036	2 174	857	11	2 941	1 476	935	530	63	201	464
<b>Laborers, except farm</b>	<b>9 341</b>	<b>5 404</b>	<b>3 931</b>	<b>15</b>	<b>8 655</b>	<b>4 872</b>	<b>2 314</b>	<b>1 469</b>	<b>609</b>	<b>1 640</b>	<b>2 731</b>
Farmers and farm managers	1 695	1 510	185	—	1 608	1 152	278	178	204	441	533
Farm laborers and farm foremen	7 274	2 826	4 444	9	6 467	1 948	1 276	628	1 234	3 533	6 687
Paid family laborers and farm foremen	6 766	2 379	4 385	9	6 020	1 674	1 526	2 820	1 106	3 337	6 237
Unpaid family workers	508	447	61	—	447	274	100	73	128	196	450
<b>Service workers, except private household<sup>1</sup></b>	<b>102 011</b>	<b>55 174</b>	<b>46 666</b>	<b>436</b>	<b>94 026</b>	<b>47 994</b>	<b>27 882</b>	<b>18 150</b>	<b>5 655</b>	<b>20 137</b>	<b>29 867</b>
Cleaning service workers	14 905	2 094	12 805	41	13 960	7 896	4 010	2 054	550	2 754	3 328
Chambermaids and maids	6 411	767	5 641	16	5 933	3 265	1 796	872	170	1 207	1 748
Food service workers	39 671	21 290	18 282	202	36 314	15 366	12 609	8 339	2 516	9 457	14 222
Cooks, except private household	16 159	5 327	10 814	18	15 264	6 977	5 916	2 371	703	2 793	3 353
Waiters and food counter workers	16 927	13 567	3 288	178	15 125	6 105	4 541	4 479	1 465	5 419	8 778
Health service workers	18 865	10 870	7 972	55	17 854	10 627	4 052	3 175	903	3 032	

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 text1]

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

ATLANTA 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
<b>Male, 16 years old and over</b> .....	<b>359 522</b>	<b>293 706</b>	<b>65 122</b>	<b>3 312</b>	<b>354 866</b>	<b>268 368</b>	<b>63 898</b>	<b>22 600</b>	<b>4 917</b>	<b>14 378</b>	<b>32 463</b>
<b>Professional, technical, and kindred workers</b> .....	<b>55 575</b>	<b>52 105</b>	<b>3 267</b>	<b>868</b>	<b>55 280</b>	<b>44 413</b>	<b>8 098</b>	<b>2 769</b>	<b>342</b>	<b>1 268</b>	<b>3 402</b>
Accountants .....	5 691	5 558	117	79	5 677	4 787	584	306	42	172	201
Architects .....	731	704	22	40	731	650	75	6	—	—	20
Computer specialists .....	1 925	1 871	49	15	1 925	1 628	211	86	—	12	59
Engineers .....	11 365	11 168	159	195	11 319	10 189	855	275	90	251	470
Aeronautical and astronautical .....	2 159	2 104	36	41	2 142	2 014	92	36	—	16	43
Civil .....	1 928	1 885	39	35	1 923	1 700	186	37	21	111	122
Electrical and electronic .....	2 351	2 325	26	42	2 332	2 104	162	66	18	41	86
Mechanical .....	984	950	28	11	984	892	82	10	—	20	20
Other engineers .....	3 943	3 904	30	66	3 938	3 479	333	126	51	63	199
Lawyers and judges .....	2 200	2 168	32	6	2 200	1 883	230	87	23	42	65
Life and physical scientists .....	901	882	19	8	895	754	86	55	5	7	42
Chemists .....	444	429	15	—	438	354	57	27	5	—	18
Physicians, dentists, and related practitioners .....	3 619	3 467	137	83	3 619	2 802	663	154	48	93	167
Dentists .....	619	604	15	7	619	374	230	15	17	25	6
Pharmacists .....	629	591	38	—	629	536	57	36	5	50	58
Physicians, medical and osteopathic .....	2 017	1 923	84	63	2 017	1 605	321	91	26	14	99
Other related practitioners .....	354	349	—	13	354	287	55	12	—	4	4
Health technologists and technicians .....	641	516	113	12	627	455	110	62	9	44	72
Religious workers .....	1 874	1 694	178	29	1 850	1 565	262	23	29	61	108
Social scientists .....	884	862	22	20	884	714	102	68	—	16	56
Social and recreation workers .....	702	514	188	6	692	473	125	94	4	19	252
Teachers .....	5 996	4 917	1 046	104	5 952	3 463	2 008	481	30	145	332
College and university .....	2 171	1 958	184	64	2 160	1 365	627	168	23	74	175
Elementary and prekindergarten .....	811	513	294	12	807	360	378	69	7	6	47
Secondary .....	2 399	1 872	527	21	2 379	1 285	924	170	—	47	92
Engineering and science technicians .....	4 613	4 414	175	85	4 583	3 629	660	294	5	114	640
Draftsmen and surveyors .....	2 339	2 263	71	51	2 313	1 702	435	176	—	86	377
Electrical and electronic engineering technicians .....	985	956	29	20	985	894	58	33	—	11	42
Technicians, except health, and engineering and science .....	3 025	2 973	52	43	3 020	2 728	247	45	7	38	68
Airplane pilots .....	1 686	1 686	—	36	1 686	1 547	133	6	7	11	29
Writers, artists, and entertainers .....	4 258	3 988	242	80	4 234	3 080	798	356	26	116	346
Other professional, technical, and kindred workers .....	7 150	6 407	716	63	7 072	5 613	1 082	377	24	138	504
<b>Managers and administrators, except farm</b> .....	<b>51 545</b>	<b>49 437</b>	<b>2 080</b>	<b>559</b>	<b>51 347</b>	<b>46 026</b>	<b>4 468</b>	<b>853</b>	<b>614</b>	<b>1 566</b>	<b>1 271</b>
Buyers, purchasing agents, and sales managers .....	8 523	8 416	97	97	8 502	7 830	596	76	90	171	209
School administrators .....	926	739	187	—	926	752	169	5	—	24	5
Specified managers and administrators, public administration .....	2 614	2 432	175	26	2 609	2 411	151	47	73	98	95
Other specified managers and administrators .....	9 145	8 442	703	118	9 081	7 770	1 012	299	116	272	303
Managers and administrators, n.e.c., salaried .....	25 695	25 026	658	289	25 631	23 442	1 859	330	236	693	455
Manufacturing .....	5 339	5 235	104	75	5 334	5 056	254	24	37	129	70
Wholesale and retail trade .....	8 864	8 580	279	80	8 834	7 913	733	188	65	226	153
Transportation, communications, and other public utilities .....	2 545	2 528	17	13	2 535	2 407	123	5	61	137	49
All other industries .....	8 947	8 683	258	121	8 928	8 066	749	113	73	201	183
Managers and administrators, n.e.c., self-employed .....	4 642	4 382	260	29	4 598	3 821	681	96	99	308	204
Construction .....	1 336	1 256	80	—	1 326	983	300	43	18	31	68
Manufacturing .....	233	233	—	—	233	183	50	—	26	30	5
Wholesale and retail trade .....	2 064	1 941	123	23	2 030	1 807	203	20	38	146	90
All other industries .....	1 009	952	57	6	1 009	848	128	33	17	101	41
<b>Sales workers</b> .....	<b>35 984</b>	<b>34 636</b>	<b>1 312</b>	<b>305</b>	<b>35 717</b>	<b>28 760</b>	<b>4 874</b>	<b>2 083</b>	<b>315</b>	<b>1 270</b>	<b>2 604</b>
Insurance agents, brokers, and underwriters .....	4 347	4 207	134	23	4 323	3 390	103	37	15	115	111
Real estate agents and brokers .....	2 165	2 059	101	16	2 150	1 694	383	73	18	91	69
Sales representatives, manufacturing industries .....	5 593	5 527	66	92	5 574	4 788	363	150	39	110	131
Sales representatives, wholesale trade .....	8 310	8 188	122	55	8 305	7 339	802	164	44	159	225
Sales clerks, retail trade .....	6 962	6 481	466	74	6 843	4 430	1 305	1 108	104	383	1 195
Salesmen, retail trade .....	3 163	3 056	101	9	3 134	2 463	521	150	28	147	215
Salesmen of services and construction .....	2 112	2 038	74	8	2 106	1 705	299	102	8	59	138
Other sales workers .....	3 332	3 080	248	28	3 282	2 511	538	233	37	206	520
<b>Clerical and kindred workers</b> .....	<b>36 446</b>	<b>28 874</b>	<b>7 537</b>	<b>384</b>	<b>35 937</b>	<b>26 846</b>	<b>6 105</b>	<b>2 986</b>	<b>391</b>	<b>1 385</b>	<b>3 599</b>
Bank tellers and cashiers .....	1 209	1 034	175	19	1 176	593	307	276	15	78	335
Bookkeepers and billing clerks .....	2 374	2 235	139	26	2 349	1 859	394	96	44	112	171
Mail handlers and postal clerks .....	4 448	2 499	1 949	26	4 448	3 614	584	192	64	112	229
Other clerical and kindred workers .....	28 415	23 106	5 274	313	28 022	20 780	4 820	2 422	268	1 083	2 864
<b>Craftsmen and kindred workers</b> .....	<b>72 858</b>	<b>63 240</b>	<b>9 484</b>	<b>498</b>	<b>72 181</b>	<b>55 023</b>	<b>14 049</b>	<b>3 109</b>	<b>1 143</b>	<b>3 088</b>	<b>4 742</b>
Apparel craftsmen and upholsterers .....	801	473	128	—	601	408	109	84	23	65	16
Bakers .....	551	254	291	15	545	409	107	29	4	14	52
Cabinetmakers .....	594	538	56	—	589	462	87	40	14	21	37
Construction craftsmen .....	19 479	15 874	3 574	97	19 270	11 633	6 325	1 312	397	1 016	1 521
Carpenters .....	4 888	4 533	355	7	4 833	2 634	1 833	366	182	368	486
Excavating, grading, and road machine operators .....	1 352	1 064	288	—	1 323	835	389	99	29	12	104
Electricians .....	3 304	3 147	141	5	3 296	2 579	624	93	14	104	142
Masons and tile setters .....	2 349	1 344	1 005	14	2 315	1 108	1 003	204	38	98	184
Painters, construction and maintenance, and paperhangers .....	3 208	2 579	614	37	3 183	1 610	1 257	316	64	238	308
Plasterers and cement finishers .....	868	120	748	—	844	398	402	44	12	36	95
Plumbers and pipe fitters .....	2 188	2 010	178	7	2 177	1 666	419	92	38	92	119
Other construction craftsmen .....	1 322	1 077	245	27	1 299	803	398	98	20	68	83
Foremen, n.e.c. .....	10 186	9 622	559	72	10 167	9 277	792	98	128	317	342
Manufacturing .....	4 394	4 201	188	32	4 388	4 130	237	21	24	172	125
Nonmanufacturing industries .....	5 792	5 421	371	40	5 779	5 147	555	77	104	145	217
Linemen and servicemen, telephone and power .....	3 273	3 090	168	13	3 251	2 711	403	137	14	81	112
Locomotive engineers and firemen .....	456	420	36	8	456	336	110	10	14	64	27
Mechanics and repairmen .....	20 511	18 383	2 085	170	20 404	16 633	3 179	592	222	643	730
Air conditioning, heating, and refrigeration .....	1 378	1 278	90	17	1 366	1 068	238	60	16	38	59
Aircraft .....	4 281	3 970	301	54	4 277	3 873	382	22	10	38	36
Automobile, including body .....	7 341	6 333	990	40	7 287	5 561	1 450	276	114	328	255
Radio and television .....	977	919	58	13	967	786	142	39	5	25	85
Other mechanics and repairmen .....	6 534	5 883	646	46	6 507	5 345	967	195	77	214	295
Metal craftsmen, except mechanics .....	3 973	3 715	258	38	3 959	3 110	671	178	82	166	213
Machinists and job and die setters .....	1 627	1 459	168	26	1 622	1 350	181	91	38	60	50
Sheetmetal workers and tinsmiths .....	1 046	1 028	18	12	1 046	812	193	41	9	38	57
Tool and die makers .....	721	715	6	—	721	603	113	5	24	20	48
Other metal craftsmen .....	579	513	66	—	570	345	184	41	11	48	58
Printing craftsmen .....	2 939	2 618	315	14	2 898	2 424	357	117	32	89	130
Compositors and typesetters .....	1 039	892	141	14	1 022	834	126	62	17	47	64
Pressmen and plate printers, printing .....	1 497	1 334	163	—							

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

ATLANTA 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
<b>Operatives, except transport</b> .....	<b>36 016</b>	<b>25 045</b>	<b>10 906</b>	<b>289</b>	<b>35 365</b>	<b>23 549</b>	<b>9 114</b>	<b>2 702</b>	<b>620</b>	<b>1 503</b>	<b>3 701</b>
Assemblers.....	6 087	4 261	1 820	74	6 008	3 751	1 999	258	30	127	233
Checkers, examiners, and inspectors; manufacturing.....	1 758	1 385	373	6	1 737	1 241	410	86	41	74	66
Garage workers and gas station attendants.....	3 085	2 520	565	47	2 982	1 366	835	781	48	146	742
Laundry and drycleaning operatives, n.e.c.....	354	132	222	—	342	249	69	24	18	32	50
Meat cutters and butchers.....	1 033	852	181	21	1 017	862	150	5	39	34	81
Mine operatives, n.e.c.....	81	52	29	—	81	48	21	12	—	—	14
Packers and wrappers, except produce.....	1 438	699	739	4	1 377	925	275	177	30	61	255
Painters, manufactured articles.....	720	533	182	—	720	467	235	18	4	50	19
Precision machine operatives.....	572	456	116	—	567	391	142	34	—	30	28
Sawyers.....	274	211	63	—	274	186	83	5	11	5	15
Stationary firemen.....	312	253	59	—	312	285	27	—	8	7	23
Textile operatives.....	727	547	180	5	721	497	160	64	46	136	168
Welders and flamecutters.....	2 299	1 756	526	—	2 288	1 437	773	78	40	52	110
Other metalworking operatives.....	879	625	254	—	863	563	271	29	22	57	128
Other specified operatives.....	6 645	4 256	2 362	28	6 460	4 411	1 539	510	143	304	890
Miscellaneous and not specified operatives.....	9 752	6 507	3 235	104	9 616	6 870	2 125	621	140	388	879
<b>Occupation:</b>											
Machine operatives, miscellaneous specified.....	3 416	2 218	1 188	38	3 384	2 575	635	174	46	140	245
Machine operatives, not specified.....	2 073	1 124	949	24	2 051	1 491	453	107	31	92	159
Miscellaneous operatives.....	3 116	2 346	770	36	3 048	2 009	772	267	36	110	368
Not specified operatives.....	1 147	819	328	6	1 133	795	265	73	27	46	107
<b>Industry:</b>											
Manufacturing.....	6 854	4 517	2 332	81	6 761	4 907	1 508	346	93	249	600
Durable goods.....	3 880	2 681	1 194	56	3 819	2 761	867	191	50	156	309
Wood products, including furniture.....	309	152	157	13	295	190	77	28	15	34	37
Primary metal industries.....	407	185	222	—	395	165	189	41	—	39	32
Fabricated metal industries.....	415	327	88	—	400	301	92	7	7	4	59
Machinery, including electrical.....	528	437	91	6	528	433	73	22	10	27	50
Motor vehicles and equipment.....	552	403	149	7	548	372	167	9	—	12	15
Transportation equipment, except motor vehicles.....	935	728	207	13	935	789	116	30	6	10	50
Other durable goods.....	734	449	280	17	718	511	153	54	12	30	66
Non-durable goods.....	2 930	1 819	1 111	25	2 898	2 130	628	140	43	93	291
Food and kindred products.....	855	491	364	—	850	641	171	38	11	36	86
Apparel and other fabricated textile products.....	95	85	10	4	95	61	25	9	10	28	19
Paper and allied products.....	956	516	440	—	945	669	235	41	22	18	84
Chemicals and allied products.....	300	173	127	13	290	233	41	16	—	—	10
Other non-durable goods.....	724	554	170	8	718	526	156	36	—	11	92
Not specified manufacturing industries.....	44	17	27	—	44	16	13	15	—	—	—
Nonmanufacturing industries.....	2 898	1 990	903	23	2 855	1 963	617	275	47	139	279
Transportation, communications, and other public utilities.....	817	710	107	—	817	639	133	45	6	31	54
Wholesale and retail trade.....	875	463	407	6	850	580	157	113	30	60	94
All other industries.....	1 206	817	389	17	1 188	744	327	117	11	48	131
<b>Transport equipment operatives</b> .....	<b>21 844</b>	<b>13 639</b>	<b>7 974</b>	<b>121</b>	<b>21 441</b>	<b>15 600</b>	<b>4 775</b>	<b>1 066</b>	<b>271</b>	<b>810</b>	<b>1 615</b>
Bus drivers.....	1 182	948	234	7	1 172	879	262	61	11	55	42
Taxicab drivers and chauffeurs.....	1 135	557	573	8	1 107	689	326	92	17	74	89
Truck drivers and deliverymen.....	14 693	9 719	4 963	73	14 501	10 710	3 149	642	179	522	1 073
Other transport equipment operatives.....	4 834	2 615	2 204	33	4 661	3 322	1 038	301	64	159	411
<b>Laborers, except farm</b> .....	<b>22 831</b>	<b>11 925</b>	<b>10 856</b>	<b>88</b>	<b>22 017</b>	<b>11 646</b>	<b>6 680</b>	<b>3 691</b>	<b>471</b>	<b>1 481</b>	<b>6 102</b>
Construction laborers.....	4 485	1 989	2 496	16	4 354	1 871	1 721	762	139	338	1 554
Freight, stock, and material handlers.....	10 299	6 488	3 786	57	9 973	5 409	2 765	1 799	109	476	2 227
Other specified laborers.....	5 743	2 448	3 270	9	5 448	3 104	1 564	780	150	391	1 577
Miscellaneous and not specified laborers.....	2 304	1 000	1 304	6	2 242	1 262	630	350	73	276	744
<b>Occupation:</b>											
Miscellaneous laborers.....	579	266	313	—	574	391	122	61	50	94	91
Not specified laborers.....	1 725	734	991	6	1 668	871	508	289	23	182	653
<b>Industry:</b>											
Manufacturing.....	706	307	399	—	678	345	255	78	20	85	283
Durable goods.....	383	180	203	—	365	201	147	17	11	29	135
Wood products, including furniture.....	47	16	31	—	47	27	20	—	6	5	36
Metal industries.....	156	53	103	—	150	83	55	12	—	19	25
Machinery, including electrical.....	58	42	16	—	46	20	26	—	5	—	10
Transportation equipment.....	57	31	26	—	57	31	21	5	—	—	19
Other durable goods.....	65	38	27	—	65	40	25	—	—	5	45
Non-durable goods.....	318	122	196	—	308	144	108	56	9	56	148
Food and kindred products.....	162	57	105	—	162	84	53	25	4	21	30
Not specified manufacturing industries.....	5	5	—	—	5	—	—	5	—	—	—
Nonmanufacturing industries.....	1 598	693	905	6	1 564	917	375	272	53	191	461
Railroads and railway express service.....	121	10	111	—	121	97	13	11	4	23	9
Transportation, except railroads.....	158	60	98	—	153	106	28	19	9	10	37
Communications, and utilities and sanitary services.....	277	171	106	—	272	214	30	28	—	23	49
Wholesale and retail trade.....	422	180	242	6	403	245	118	40	27	41	149
All other industries.....	620	337	283	—	615	255	186	174	13	94	217
<b>Farmers and farm managers</b> .....	<b>630</b>	<b>519</b>	<b>111</b>	<b>—</b>	<b>612</b>	<b>440</b>	<b>104</b>	<b>68</b>	<b>131</b>	<b>169</b>	<b>163</b>
<b>Farm laborers and farm foremen</b> .....	<b>890</b>	<b>458</b>	<b>411</b>	<b>5</b>	<b>854</b>	<b>511</b>	<b>193</b>	<b>150</b>	<b>79</b>	<b>165</b>	<b>253</b>
Paid farm laborers and farm foremen.....	870	442	407	5	839	505	193	141	65	160	208
Unpaid family workers.....	20	16	4	—	15	6	—	9	14	5	45
<b>Service workers, except private household<sup>1</sup></b> .....	<b>24 463</b>	<b>13 568</b>	<b>10 804</b>	<b>195</b>	<b>23 767</b>	<b>15 337</b>	<b>5 345</b>	<b>3 085</b>	<b>526</b>	<b>1 589</b>	<b>4 944</b>
Cleaning service workers.....	7 704	2 485	5 208	33	7 534	4 895	1 795	844	135	553	1 108
Food service workers.....	4 936	2 612	2 279	84	4 718	2 182	1 319	1 217	94	362	1 892
Cooks, except private household.....	1 999	1 039	928	41	1 944	1 070	554	420	40	111	572
Busboys and dishwashers.....	926	432	494	7	865	218	210	38	28	98	653
Health service workers.....	663	334	324	—	652	351	169	132	5	79	181
Personal service workers.....	2 612	1 927	680	36	2 570	1 665	556	349	48	151	705
Protective service workers.....	5 977	5 239	720	36	5 920	4 825	851	244	169	290	352
Firemen, fire protection.....	1 496	1 316	176	—	1 472	1 282	154	36	33	27	19
Guards and watchmen.....	2 204	1 902	298	30	2 184	1 549	465	170	113	190	219
Policemen and detectives.....	2 003	1 758	241	6	1 990	1 771	185	34	16	47	69
<b>Private household workers</b> .....	<b>362</b>	<b>20</b>	<b>342</b>	<b>—</b>	<b>348</b>	<b>217</b>	<b>93</b>	<b>38</b>	<b>14</b>	<b>84</b>	<b>67</b>
<b>Unemployed persons, last worked 1959 or earlier<sup>2</sup></b> .....	<b>78</b>	<b>40</b>	<b>38</b>	<b>—</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>

<sup>1</sup>Includes allocated cases not shown separately. <sup>2</sup>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

ATLANTA 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
<b>Female, 16 years old and over</b> .....	<b>245 271</b>	<b>184 211</b>	<b>60 627</b>	<b>2 006</b>	<b>234 623</b>	<b>130 586</b>	<b>65 551</b>	<b>38 486</b>	<b>17 591</b>	<b>45 496</b>	<b>57 201</b>
<b>Professional, technical, and kindred workers</b> .....	<b>38 429</b>	<b>31 676</b>	<b>6 668</b>	<b>437</b>	<b>37 475</b>	<b>18 564</b>	<b>13 139</b>	<b>5 772</b>	<b>2 363</b>	<b>6 232</b>	<b>7 023</b>
Accountants.....	3 211	3 029	177	36	3 125	2 288	420	417	93	415	402
Computer specialists.....	602	551	51	4	597	429	73	95	23	36	31
Librarians.....	822	653	169	—	795	374	344	77	45	102	109
Mathematical specialists.....	142	142	—	—	137	110	21	6	21	27	31
Life and physical scientists.....	323	294	29	—	323	238	52	33	11	38	4
Registered nurses, dietitians, and therapists.....	5 671	4 619	1 031	60	5 550	3 146	1 562	842	434	903	1 126
Dietitians.....	343	206	137	—	343	188	135	20	34	46	46
Registered nurses.....	5 020	4 136	863	60	4 899	2 840	1 293	766	391	794	1 046
Health technologists and technicians.....	1 668	1 441	219	31	1 640	1 037	389	214	89	267	259
Social scientists.....	195	187	8	—	190	117	39	34	27	6	29
Social and recreation workers.....	1 137	780	357	27	1 123	633	277	213	50	269	418
Teachers: College and university.....	899	707	192	38	876	290	447	139	58	114	191
Elementary and prekindergarten.....	10 837	8 363	2 456	75	10 590	3 408	5 343	1 839	565	2 057	2 018
Secondary.....	3 819	3 033	778	67	3 762	1 261	1 926	575	296	778	683
Other teachers.....	975	871	104	12	949	316	428	205	60	163	197
Engineering and science technicians.....	696	613	83	22	679	405	168	106	31	126	171
Technicians, except health, and engineering and science.....	139	116	23	—	139	99	23	17	8	15	15
Writers, artists, and entertainers.....	1 914	1 819	90	54	1 857	1 066	500	291	157	290	450
Actors and dancers.....	82	70	12	8	77	22	41	14	13	—	11
Authors, editors, and reporters.....	380	363	17	11	375	258	72	45	50	100	85
Other professional, technical, and kindred workers.....	5 379	4 458	901	11	5 143	3 347	1 127	669	395	626	884
<b>Managers and administrators, except farm</b> .....	<b>8 859</b>	<b>8 063</b>	<b>772</b>	<b>83</b>	<b>8 626</b>	<b>6 336</b>	<b>1 596</b>	<b>694</b>	<b>503</b>	<b>1 195</b>	<b>1 087</b>
Buyers, purchasing agents, and sales managers.....	1 267	1 231	36	19	1 238	946	229	63	66	154	149
Restaurant, cafeteria, and bar managers.....	818	653	160	7	799	416	302	81	45	119	97
School administrators.....	454	338	116	—	450	250	176	24	20	40	36
Other specified managers and administrators.....	2 438	2 234	200	26	2 341	1 778	322	241	138	323	348
Managers and administrators, n.e.c., salaried.....	3 244	3 032	212	31	3 169	2 476	446	247	182	446	356
Wholesale and retail trade.....	1 227	1 135	92	—	1 204	922	163	119	77	167	127
Managers and administrators, n.e.c., self-employed.....	638	575	48	—	629	470	121	38	52	113	101
Wholesale and retail trade.....	341	297	29	—	337	267	56	14	17	62	81
<b>Sales workers</b> .....	<b>18 572</b>	<b>16 863</b>	<b>1 689</b>	<b>178</b>	<b>17 558</b>	<b>8 408</b>	<b>4 653</b>	<b>4 497</b>	<b>1 581</b>	<b>4 076</b>	<b>6 380</b>
Demonstrators, hucksters, and peddlers.....	782	725	57	—	681	195	190	296	21	159	331
Insurance, real estate agents, and brokers.....	1 981	1 862	119	8	1 920	1 242	443	235	52	199	315
Sales clerks, retail trade.....	11 978	10 919	1 039	136	11 382	5 071	2 999	3 312	1 184	3 074	4 473
Salesmen, retail trade.....	466	419	47	—	453	272	113	68	21	113	96
Other sales workers.....	3 365	2 938	427	34	3 122	1 628	908	586	303	521	1 165
<b>Clerical and kindred workers</b> .....	<b>102 210</b>	<b>89 667</b>	<b>12 373</b>	<b>901</b>	<b>98 509</b>	<b>60 239</b>	<b>22 914</b>	<b>15 356</b>	<b>7 696</b>	<b>18 541</b>	<b>22 239</b>
Bank tellers.....	1 530	1 428	97	—	1 490	866	365	259	98	318	309
Bookkeepers.....	10 292	9 884	390	89	10 072	7 017	1 958	1 097	819	1 467	1 601
Cashiers.....	6 197	5 158	1 028	60	5 813	2 592	1 731	1 490	347	1 355	2 521
Counter clerks, except food.....	1 924	1 692	226	14	1 843	1 058	500	285	98	260	460
Enumerators and interviewers.....	320	282	33	—	219	52	82	85	48	90	300
File clerks.....	3 590	2 732	846	36	3 417	1 517	904	996	285	810	1 050
Office machine operators.....	5 044	4 383	648	53	4 880	3 088	1 140	652	397	874	877
Bookkeeping and billing machine operators.....	451	421	30	—	431	255	106	70	69	71	89
Keypunch operators.....	3 570	3 032	530	46	3 454	2 134	876	444	247	652	565
Payroll and timekeeping clerks.....	1 063	1 020	43	10	1 048	730	206	112	49	119	130
Receptionists.....	2 264	1 982	279	—	2 139	1 062	500	577	201	595	712
Secretaries.....	27 184	25 837	1 317	271	26 576	18 037	5 719	2 820	2 309	5 190	4 637
Stenographers.....	1 372	1 327	45	—	1 352	948	278	126	114	309	242
Telephone operators.....	3 590	2 677	907	32	3 490	1 911	756	823	341	853	878
Typists.....	8 692	7 531	1 156	87	8 344	4 592	2 104	1 648	769	1 946	2 313
Other clerical and kindred workers.....	29 148	23 734	5 358	249	27 826	16 769	6 671	4 386	1 821	4 355	6 209
<b>Craftsmen and kindred workers</b> .....	<b>4 207</b>	<b>3 320</b>	<b>883</b>	<b>14</b>	<b>4 070</b>	<b>2 645</b>	<b>1 060</b>	<b>365</b>	<b>315</b>	<b>601</b>	<b>762</b>
Foremen, n.e.c.....	1 023	891	132	14	1 018	766	217	35	61	139	116
<b>Operatives, except transport</b> .....	<b>22 797</b>	<b>13 975</b>	<b>8 787</b>	<b>168</b>	<b>21 680</b>	<b>11 871</b>	<b>6 935</b>	<b>2 874</b>	<b>2 185</b>	<b>5 419</b>	<b>5 976</b>
Assemblers.....	1 417	899	513	8	1 350	637	530	183	92	220	267
Bottling and canning operatives.....	63	21	42	—	51	22	29	—	—	16	11
Checkers, examiners, and inspectors, manufacturing.....	1 634	1 235	399	9	1 595	913	513	169	151	399	349
Dressmakers and seamstresses, except factory.....	764	612	143	32	754	406	251	97	49	135	208
Laundry and drycleaning operatives, including ironers.....	2 251	351	1 900	12	2 133	1 241	661	231	152	354	491
Graders and sorters, manufacturing.....	66	21	45	—	62	42	14	6	6	14	22
Packers and wrappers, except produce.....	3 091	1 894	1 191	7	2 957	1 411	1 000	546	231	730	915
Sewers and stitchers.....	3 909	2 886	1 023	51	3 790	2 169	1 232	389	576	1 301	1 052
Textile operatives.....	1 252	891	361	7	1 188	797	322	69	248	512	369
Other specified operatives.....	4 249	2 590	1 659	15	3 831	2 089	1 168	574	399	948	1 341
Miscellaneous and not specified operatives.....	4 101	2 575	1 511	27	3 969	2 144	1 215	610	281	790	951
<b>Manufacturing</b> .....	<b>3 229</b>	<b>2 079</b>	<b>1 146</b>	<b>28</b>	<b>3 130</b>	<b>1 712</b>	<b>968</b>	<b>450</b>	<b>248</b>	<b>611</b>	<b>782</b>
Durable goods.....	1 177	654	523	5	1 138	649	345	144	78	220	230
Machinery, including electrical.....	177	118	59	—	164	107	47	10	10	51	63
Other durable goods.....	1 000	536	464	5	974	542	298	134	68	169	167
Nondurable goods, including not specified manufacturing.....	2 052	1 425	623	13	1 992	1 063	623	306	167	391	552
Food and kindred products.....	464	303	161	—	439	200	158	81	29	89	127
Apparel and other fabricated textile products.....	343	200	139	5	339	131	135	73	44	106	132
Nonmanufacturing industries.....	872	496	365	9	839	432	247	160	36	179	169
<b>Transport equipment operatives</b> .....	<b>1 135</b>	<b>866</b>	<b>269</b>	<b>—</b>	<b>1 108</b>	<b>481</b>	<b>382</b>	<b>245</b>	<b>3</b>	<b>83</b>	<b>164</b>
<b>Laborers, except farm</b> .....	<b>2 627</b>	<b>1 295</b>	<b>1 326</b>	<b>15</b>	<b>2 428</b>	<b>1 292</b>	<b>709</b>	<b>427</b>	<b>136</b>	<b>359</b>	<b>709</b>
Farmers and farm managers.....	94	72	22	—	94	74	9	11	12	27	28
Farm laborers and farm foremen.....	261	138	123	—	208	79	95	34	58	114	170
Paid farm laborers and farm foremen.....	227	104	123	—	184	73	77	34	55	101	139
Unpaid family workers.....	34	34	—	—	24	6	18	—	3	13	31
<b>Service workers, except private household<sup>1</sup></b> .....	<b>32 468</b>	<b>16 949</b>	<b>15 479</b>	<b>192</b>	<b>30 516</b>	<b>14 379</b>	<b>9 998</b>	<b>6 139</b>	<b>1 698</b>	<b>6 205</b>	<b>10 078</b>
Cleaning service workers.....	4 510	504	4 006	15	4 334	2 292	1 444	598	174	809	1 168
Chambermaids and maids.....	1 893	227	1 666	10	1 790	962	614	214	46	381	656
Food service workers.....	11 919	6 427	5 465	94	11 102	4 490	4 026	2 586	659	2 761	4 695
Cooks, except private household.....	3 845	1 242	2 590	7	3 727	1 657	1 516	554	177	646	809
Waiters and food counter workers.....	5 902	4 505	1 383	81	5 413	2 057	1 764	1 592	403	1 753	3 112
Health service workers.....	5 080	2 628	2 452	18	4 870	2 456	1 651	1 059	292	755	1 153
Nursing aides, orderlies, and attendants.....	2 460	1 048	1 412	13							



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

AUGUSTA, GA.—S.C., 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
<b>Male, 16 years old and over</b> .....	<b>51 133</b>	<b>38 742</b>	<b>12 272</b>	<b>198</b>	<b>50 195</b>	<b>40 161</b>	<b>7 044</b>	<b>2 990</b>	<b>1 034</b>	<b>2 712</b>	<b>4 964</b>
<b>Professional, technical, and kindred workers</b> .....	<b>6 432</b>	<b>5 827</b>	<b>581</b>	<b>42</b>	<b>6 359</b>	<b>5 345</b>	<b>692</b>	<b>322</b>	<b>90</b>	<b>195</b>	<b>343</b>
Accountants .....	358	339	14	—	358	281	50	27	20	4	9
Architects .....	27	27	—	—	27	20	—	7	—	—	—
Computer specialists .....	116	116	—	—	116	102	10	4	—	—	6
Engineers .....	918	907	11	—	913	838	47	28	21	20	25
Aeronautical and astronautical .....	—	—	—	—	—	—	—	—	—	—	—
Civil .....	113	113	—	—	113	102	11	—	4	11	5
Electrical and electronic .....	142	142	—	—	142	132	10	—	5	—	—
Mechanical .....	125	125	—	—	120	114	—	6	—	5	—
Other engineers .....	538	527	11	—	538	490	26	22	12	4	20
Lawyers and judges .....	217	213	4	—	217	207	10	—	—	8	10
Life and physical scientists .....	345	336	9	8	345	312	15	15	—	6	—
Chemists .....	248	239	9	—	248	228	5	15	—	—	—
Physicians, dentists, and related practitioners .....	684	670	5	6	674	589	42	43	12	35	17
Dentists .....	91	86	—	—	91	75	5	11	6	13	—
Pharmacists .....	97	97	—	—	97	92	5	—	6	—	—
Physicians, medical and osteopathic .....	470	461	5	6	460	396	32	32	—	22	17
Other related practitioners .....	26	26	—	—	26	26	—	—	—	—	—
Health technologists and technicians .....	142	118	24	—	132	91	17	24	—	10	25
Religious workers .....	282	248	34	—	282	267	15	—	4	16	19
Social scientists .....	36	36	—	—	36	30	6	—	—	6	—
Social and recreation workers .....	79	68	11	—	79	56	12	11	—	21	13
Teachers .....	924	707	217	19	914	593	264	57	—	8	44
College and university .....	273	248	25	19	268	203	50	15	—	—	18
Elementary and prekindergarten .....	155	73	82	—	155	66	74	15	—	—	10
Secondary .....	290	204	86	—	285	144	114	27	—	4	11
Engineering and science technicians .....	696	634	57	9	685	619	34	32	—	4	22
Draftsmen and surveyors .....	161	161	—	—	161	147	4	10	—	—	5
Electrical and electronic engineering technicians .....	82	78	4	—	82	77	4	5	—	4	—
Technicians, except health, and engineering and science .....	130	119	11	—	130	110	16	4	—	3	—
Airplane pilots .....	38	38	—	—	38	34	—	4	—	—	—
Writers, artists, and entertainers .....	531	421	105	—	513	409	63	41	2	10	46
Other professional, technical, and kindred workers .....	947	868	79	—	938	821	88	29	31	44	107
<b>Managers and administrators, except farm</b> .....	<b>5 337</b>	<b>5 004</b>	<b>298</b>	<b>70</b>	<b>5 332</b>	<b>4 810</b>	<b>434</b>	<b>88</b>	<b>113</b>	<b>229</b>	<b>217</b>
Buyers, purchasing agents, and sales managers .....	571	542	24	—	571	511	44	16	5	17	13
School administrators .....	125	79	46	—	125	88	37	—	7	—	6
Specified managers and administrators, public administration .....	319	287	32	—	319	308	5	6	19	14	23
Other specified managers and administrators .....	974	906	68	18	974	834	115	25	6	66	73
Managers and administrators, n.e.c., salaried .....	2 519	2 458	51	52	2 514	2 303	175	36	63	75	87
Manufacturing .....	667	664	3	—	667	608	43	16	10	9	16
Wholesale and retail trade .....	1 019	972	37	28	1 019	956	57	6	24	32	37
Transportation, communications, and other public utilities .....	200	196	4	5	200	191	9	—	—	19	—
All other industries .....	633	626	7	19	628	548	66	14	29	15	34
Managers and administrators, n.e.c., self-employed .....	829	732	77	—	829	766	58	5	13	57	15
Construction .....	153	124	29	—	153	107	41	5	—	14	—
Manufacturing .....	40	40	—	—	40	40	—	—	—	4	—
Wholesale and retail trade .....	450	391	39	—	450	438	12	—	9	35	6
All other industries .....	186	177	9	—	186	181	5	—	4	4	9
<b>Sales workers</b> .....	<b>3 541</b>	<b>3 407</b>	<b>122</b>	<b>11</b>	<b>3 502</b>	<b>2 872</b>	<b>435</b>	<b>195</b>	<b>26</b>	<b>152</b>	<b>304</b>
Insurance agents, brokers, and underwriters .....	528	518	4	5	522	453	65	4	9	13	16
Real estate agents and brokers .....	220	211	9	6	220	206	9	5	—	3	11
Sales representatives, manufacturing industries .....	290	279	11	—	290	263	21	6	—	27	4
Sales representatives, wholesale trade .....	576	559	17	—	576	493	64	59	—	10	41
Sales clerks, retail trade .....	868	804	64	—	840	590	155	95	14	61	105
Salesmen, retail trade .....	476	476	—	—	476	418	54	4	3	12	15
Salesmen of services and construction .....	104	104	—	—	104	86	7	11	—	—	11
Other sales workers .....	479	462	17	—	474	363	60	51	—	26	101
<b>Clerical and kindred workers</b> .....	<b>3 467</b>	<b>2 955</b>	<b>512</b>	<b>3</b>	<b>3 414</b>	<b>2 765</b>	<b>375</b>	<b>274</b>	<b>57</b>	<b>160</b>	<b>391</b>
Bank tellers and cashiers .....	145	137	8	3	145	76	41	12	6	9	47
Bookkeepers and billing clerks .....	252	231	21	—	252	225	15	28	4	5	40
Mail handlers and postal clerks .....	387	331	56	—	387	335	29	23	6	45	19
Other clerical and kindred workers .....	2 683	2 256	427	—	2 630	2 129	290	211	41	101	285
<b>Craftsmen and kindred workers</b> .....	<b>12 051</b>	<b>9 931</b>	<b>2 109</b>	<b>18</b>	<b>11 876</b>	<b>9 587</b>	<b>1 852</b>	<b>437</b>	<b>219</b>	<b>653</b>	<b>1 208</b>
Apparel craftsmen and upholsterers .....	59	26	33	—	59	32	11	16	—	—	10
Bakers .....	62	22	40	—	62	51	11	—	5	6	—
Cabinetmakers .....	64	58	6	—	64	44	20	—	—	—	6
Construction craftsmen .....	3 502	2 627	875	6	3 444	2 307	956	181	99	216	325
Carpenters .....	983	806	177	—	977	538	345	94	28	81	120
Excavating, grading, and road machine operators .....	257	154	103	—	257	203	49	5	6	26	15
Electricians .....	597	575	22	—	592	496	81	15	—	14	30
Masons and tile setters .....	406	162	244	—	385	224	126	35	13	27	60
Painters, construction and maintenance, and paperhangers .....	432	327	105	6	425	222	176	27	24	38	70
Plasterers and cement finishers .....	41	4	37	—	41	19	22	—	8	—	—
Plumbers and pipe fitters .....	555	498	57	—	550	463	87	—	4	30	18
Other construction craftsmen .....	231	101	130	—	217	142	70	5	16	—	12
Foremen, n.e.c. .....	2 104	1 940	158	7	2 099	1 887	176	36	24	69	73
Manufacturing .....	1 404	1 300	104	7	1 399	1 286	94	19	16	38	29
Nonmanufacturing industries .....	700	640	54	—	700	601	82	17	8	31	44
Linemen and servicemen, telephone and power .....	393	370	23	—	393	342	35	16	—	10	9
Locomotive engineers and firemen .....	62	52	10	—	62	43	19	—	4	23	—
Mechanics and repairmen .....	3 156	2 656	500	—	3 102	2 680	309	113	35	140	124
Air conditioning, heating, and refrigeration .....	245	221	24	—	245	215	21	9	—	4	5
Aircraft .....	6	6	—	—	6	6	—	—	—	—	—
Automobile, including body .....	988	779	209	—	954	794	91	67	13	26	43
Radio and television .....	140	104	36	—	140	125	11	4	—	—	—
Other mechanics and repairmen .....	1 777	1 546	231	—	1 757	1 538	186	33	22	104	76
Metal craftsmen, except mechanics .....	639	588	51	—	632	531	91	10	—	28	43
Machinists and job and die setters .....	350	312	38	—	343	300	33	10	—	23	24
Sheetmetal workers and tinmiths .....	139	131	8	—	139	115	24	—	—	5	4
Tool and die makers .....	16	16	—	—	16	16	—	—	—	—	—
Other metal craftsmen .....	134	129	5	—	134	100	34	—	—	—	15
Printing craftsmen .....	206	206	—	—	206	169	26	11	—	4	20
Compositors and typesetters .....	142	142	—	—	142	116	21	5	—	4	8
Pressmen and plate printers, printing .....	49	49	—	—	49	43	—	6	—	—	—
Stationary engineers and power station operators .....	251	238	13	—	251	236	10	5	4	9	—
Other craftsmen and kindred workers .....	1 553	1 148	400	5	1 502	1 265	188	49	48	148	598

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

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

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

AUGUSTA, GA.—S.C., 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
<b>Operatives, except transport</b> .....	<b>8 445</b>	<b>5 623</b>	<b>2 822</b>	<b>21</b>	<b>8 228</b>	<b>6 482</b>	<b>1 222</b>	<b>524</b>	<b>147</b>	<b>384</b>	<b>710</b>
Assemblers.....	152	106	46	8	141	115	16	10	—	—	26
Checkers, examiners, and inspectors; manufacturing.....	279	227	52	—	279	251	21	7	6	18	22
Garage workers and gas station attendants.....	478	354	124	—	430	243	88	99	—	36	99
Laundry and drycleaning operatives, n.e.c.....	99	24	75	—	99	69	24	6	—	4	12
Meat cutters and butchers.....	278	182	96	—	278	230	32	16	—	4	14
Mine operatives, n.e.c.....	98	18	80	—	98	74	19	5	—	6	5
Packers and wrappers, except produce.....	312	158	154	—	288	233	30	25	9	14	29
Painters, manufactured articles.....	70	62	8	—	65	42	19	4	—	—	—
Precision machine operatives.....	66	43	23	—	66	57	9	—	—	6	20
Sawyers.....	57	19	38	—	53	41	7	5	—	—	9
Stationary firemen.....	107	82	25	—	107	94	13	—	—	11	24
Textile operatives.....	2 065	1 406	659	—	2 020	1 620	295	105	71	139	146
Welders and flamecutters.....	451	386	65	7	444	332	90	22	—	—	—
Other metalworking operatives.....	112	83	29	—	112	96	10	6	7	11	—
Other specified operatives.....	1 629	1 097	532	6	1 585	1 169	312	104	24	63	208
Miscellaneous and not specified operatives.....	2 192	1 376	816	—	2 163	1 816	237	110	30	72	96
Occupation:											
Machine operatives, miscellaneous specified.....	762	453	309	—	757	643	83	31	—	39	38
Machine operatives, not specified.....	648	372	276	—	648	561	66	21	6	20	18
Miscellaneous operatives.....	568	397	171	—	544	428	63	53	9	6	31
Not specified operatives.....	214	154	60	—	214	184	25	5	15	7	9
Industry:											
Manufacturing.....	1 843	1 125	718	—	1 821	1 562	199	60	25	44	54
Durable goods.....	623	225	398	—	619	467	120	32	21	18	14
Wood products, including furniture.....	55	17	38	—	51	39	6	6	—	—	—
Primary metal industries.....	5	—	5	—	5	—	5	—	15	—	—
Fabricated metal industries.....	10	4	6	—	10	10	—	—	—	—	5
Machinery, including electrical.....	52	34	18	—	52	26	13	13	—	—	—
Motor vehicles and equipment.....	6	6	—	—	6	6	—	—	—	—	—
Transportation equipment, except motor vehicles.....	12	12	—	—	12	12	—	—	—	—	—
Other durable goods.....	483	152	331	—	483	374	96	13	6	18	9
Nondurable goods.....	1 214	900	314	—	1 196	1 089	79	28	4	26	35
Food and kindred products.....	137	36	101	—	132	105	11	16	4	21	20
Apparel and other fabricated textile products.....	41	24	17	—	32	27	5	—	—	—	—
Paper and allied products.....	473	367	106	—	473	416	48	9	—	5	5
Chemicals and allied products.....	527	454	73	—	523	509	11	3	—	—	6
Other nondurable goods.....	36	19	17	—	36	32	4	—	—	—	4
Not specified manufacturing industries.....	6	—	6	—	6	6	—	—	—	—	5
Nonmanufacturing industries.....	349	251	98	—	342	254	38	50	5	28	42
Transportation, communications, and other public utilities.....	76	68	8	—	76	62	4	10	—	4	10
Wholesale and retail trade.....	106	58	48	—	106	70	13	23	—	9	13
All other industries.....	167	125	42	—	160	122	21	17	5	15	19
Transport equipment operatives.....	3 113	1 759	1 344	5	3 067	2 335	527	205	41	132	311
Bus drivers.....	209	127	77	—	203	115	42	46	—	11	4
Taxicab drivers and chauffeurs.....	182	140	42	—	182	133	38	11	—	8	37
Truck drivers and deliverymen.....	2 218	1 237	976	5	2 197	1 719	337	141	41	91	154
Other transport equipment operatives.....	504	255	249	—	485	368	110	7	—	22	116
Laborers, except farm.....	3 420	1 515	1 894	13	3 260	2 073	743	444	108	266	765
Construction laborers.....	545	213	326	5	519	296	171	52	32	52	216
Freight, stock, and material handlers.....	1 370	708	662	8	1 282	826	255	201	23	73	241
Other specified laborers.....	924	351	568	—	901	582	190	129	45	57	228
Miscellaneous and not specified laborers.....	581	243	338	—	558	369	127	62	8	84	80
Occupation:											
Miscellaneous laborers.....	171	88	83	—	166	122	34	10	8	29	21
Not specified laborers.....	410	155	255	—	392	247	93	52	—	55	59
Industry:											
Manufacturing.....	314	124	190	—	302	210	61	31	—	28	53
Durable goods.....	137	25	112	—	137	91	38	8	—	10	18
Wood products, including furniture.....	22	—	22	—	22	11	11	—	—	—	—
Metal industries.....	15	6	9	—	15	9	6	—	—	—	—
Machinery, including electrical.....	5	—	5	—	5	—	5	—	—	—	—
Transportation equipment.....	11	—	11	—	11	5	6	—	—	—	—
Other durable goods.....	84	19	65	—	84	66	10	8	—	10	18
Nondurable goods.....	177	99	78	—	165	119	23	23	—	18	35
Food and kindred products.....	26	14	12	—	26	12	7	—	—	—	—
Not specified manufacturing industries.....	—	—	—	—	—	—	—	—	—	—	—
Nonmanufacturing industries.....	267	119	148	—	256	159	66	31	8	56	27
Railroads and railway express service.....	34	10	24	—	34	34	—	—	8	4	—
Transportation, except railroads.....	14	9	5	—	14	9	—	5	—	11	—
Communications, and utilities and sanitary services.....	50	36	14	—	50	29	12	9	—	29	13
Wholesale and retail trade.....	71	21	50	—	65	28	28	9	—	8	—
All other industries.....	98	43	55	—	93	59	26	8	—	4	14
Farmers and farm managers.....	327	241	86	—	317	270	33	14	46	74	55
Farm laborers and farm foremen.....	380	135	240	—	380	239	103	38	33	52	125
Paid farm laborers and farm foremen.....	364	119	240	—	364	229	97	38	28	52	121
Unpaid family workers.....	16	16	—	—	16	10	6	—	5	—	4
Service workers, except private household <sup>1</sup> .....	4 546	2 340	2 195	15	4 397	3 342	606	449	154	388	530
Cleaning service workers.....	1 362	333	1 029	—	1 303	955	181	167	64	133	135
Food service workers.....	666	298	364	—	609	323	149	137	24	59	142
Cooks, except private household.....	332	155	173	—	303	160	84	59	16	23	74
Busboys and dishwashers.....	71	25	46	—	58	15	13	30	—	11	16
Health service workers.....	538	262	276	—	532	440	74	18	6	52	28
Personal service workers.....	566	324	242	—	557	383	89	85	12	35	75
Protective service workers.....	1 043	937	106	15	1 043	947	79	17	48	76	74
Firemen, fire protection.....	140	140	—	8	140	125	11	4	11	9	—
Guards and watchmen.....	516	449	67	—	516	457	51	8	37	63	50
Policemen and detectives.....	300	274	26	7	300	283	17	—	—	4	18
Private household workers.....	63	5	58	—	63	41	22	—	—	27	5
Unemployed persons, last worked 1959 or earlier <sup>2</sup> .....	11	—	11	—	...	...	...	...	...	...	...

<sup>1</sup>Includes allocated cases not shown separately. <sup>2</sup>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

AUGUSTA, GA.—S.C., 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
<b>Female, 16 years old and over</b>	<b>35 769</b>	<b>24 577</b>	<b>11 026</b>	<b>247</b>	<b>33 634</b>	<b>20 759</b>	<b>7 962</b>	<b>4 913</b>	<b>2 648</b>	<b>7 947</b>	<b>8 624</b>
Professional, technical, and kindred workers	5 548	4 421	1 108	45	5 338	2 773	1 893	672	284	877	1 049
Accountants	154	154	—	—	143	89	33	21	13	6	9
Computer specialists	18	18	—	—	18	8	5	5	—	10	—
Librarians	100	67	33	—	100	39	61	—	10	38	14
Mathematical specialists	—	—	—	—	—	—	—	—	—	14	—
Life and physical scientists	20	15	5	—	20	20	—	—	—	7	—
Registered nurses, dietitians, and therapists	1 266	1 033	218	7	1 217	862	244	111	94	157	218
Dietitians	100	59	41	—	91	43	39	9	94	9	13
Registered nurses	1 126	934	177	7	1 086	793	196	97	94	142	191
Health technologists and technicians	352	310	42	5	347	189	72	86	14	102	70
Social scientists	—	—	—	—	—	—	—	—	—	—	—
Social and recreation workers	190	135	55	—	182	120	33	29	—	28	39
Teachers: College and university	107	94	13	—	107	68	30	9	6	23	22
Elementary and prekindergarten	1 587	1 152	435	7	1 543	485	847	211	73	293	338
Secondary	654	473	181	7	639	58	372	75	19	54	83
Other teachers	166	157	9	7	166	58	70	38	4	31	33
Engineering and science technicians	190	190	—	—	177	154	12	11	5	16	29
Technicians, except health, and engineering and science	20	20	—	—	20	9	—	—	—	—	—
Writers, artists, and entertainers	141	119	18	—	124	74	20	30	11	52	63
Actors and dancers	11	11	—	—	6	—	—	6	—	—	—
Authors, editors, and reporters	36	36	—	—	36	20	10	6	6	10	16
Other professional, technical, and kindred workers	583	484	99	—	535	406	83	46	35	46	116
Managers and administrators, except farm	1 158	1 013	139	—	1 099	821	160	118	68	213	166
Buyers, purchasing agents, and sales managers	162	154	8	—	152	127	11	14	5	32	10
Restaurant, cafeteria, and bar managers	168	132	36	—	168	98	63	7	8	32	16
School administrators	90	72	18	—	86	53	21	12	—	—	7
Other specified managers and administrators	222	200	22	—	212	167	15	30	13	25	67
Managers and administrators, n.e.c., salaried	360	307	47	—	346	263	39	44	42	93	55
Wholesale and retail trade	182	158	24	—	182	121	33	28	15	26	18
Managers and administrators, n.e.c., self-employed	156	148	8	—	135	113	11	11	—	31	11
Wholesale and retail trade	101	101	—	—	87	81	6	—	—	18	5
Sales workers	2 177	1 987	180	24	2 009	1 116	452	441	185	657	773
Demonstrators, hucksters, and peddlers	157	144	13	—	102	51	21	30	6	27	42
Insurance, real estate agents, and brokers	127	123	4	—	117	81	13	23	12	4	5
Sales clerks, retail trade	1 526	1 406	110	24	1 451	770	341	340	119	540	520
Salesmen, retail trade	43	36	7	—	43	21	11	11	21	17	10
Other sales workers	324	278	46	—	296	193	66	37	27	69	196
Clerical and kindred workers	9 991	9 021	918	82	9 509	6 395	1 776	1 338	800	1 969	2 415
Bank tellers	202	196	6	—	198	141	42	15	11	55	47
Bookkeepers	1 154	1 106	42	13	1 109	796	156	157	79	241	195
Cashiers	939	748	184	13	875	416	211	248	81	229	427
Counter clerks, except food	137	118	15	—	131	102	20	9	5	33	48
Enumerators and interviewers	90	73	17	—	49	6	16	27	5	11	10
File clerks	201	163	38	8	187	127	16	44	21	45	46
Office machine operators	243	224	19	—	237	137	72	28	20	31	63
Bookkeeping and billing machine operators	28	28	—	—	28	20	4	4	5	21	54
Keypunch operators	166	147	19	—	160	91	50	19	10	32	23
Payroll and timekeeping clerks	148	145	3	—	144	124	14	6	34	71	116
Receptionists	248	239	9	—	224	145	36	43	255	602	515
Secretaries	2 891	2 730	148	30	2 789	1 912	513	364	233	602	515
Stenographers	74	74	—	—	74	53	12	9	20	17	—
Telephone operators	557	442	115	6	532	323	109	100	16	110	121
Typists	645	552	87	—	645	493	106	46	66	113	188
Other clerical and kindred workers	2 462	2 211	240	12	2 315	1 620	453	242	165	376	599
Craftsmen and kindred workers	636	529	107	—	616	423	144	49	30	171	148
Foremen, n.e.c.	190	180	10	—	190	146	32	12	13	45	23
Operatives, except transport	6 462	4 241	2 174	41	6 106	3 986	1 364	756	556	1 725	1 700
Assemblers	156	96	60	—	144	78	44	22	—	53	36
Bottling and canning operatives	5	5	—	—	5	—	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing	401	335	66	—	366	269	69	28	44	147	97
Dressmakers and seamstresses, except factory	134	81	49	—	129	93	15	21	23	33	16
Laundry and drycleaning operatives, including ironers	499	88	406	8	456	287	112	57	31	103	110
Graders and sorters, manufacturing	57	48	9	—	52	39	13	—	4	10	—
Packers and wrappers, except produce	685	452	216	14	658	380	182	96	45	304	232
Sawers and stitchers	735	498	232	8	682	453	121	108	84	282	246
Textile operatives	2 190	1 588	595	—	2 157	1 493	483	181	215	486	509
Other specified operatives	821	545	267	11	722	474	149	99	56	104	219
Miscellaneous and not specified operatives	779	505	274	—	735	420	171	144	54	203	235
Manufacturing	698	452	246	—	663	385	156	122	54	193	203
Durable goods	377	248	129	—	352	206	92	54	27	115	124
Machinery, including electrical	22	22	—	—	22	22	—	—	—	13	—
Other durable goods	355	226	129	—	330	184	92	54	27	102	124
Nondurable goods, including not specified manufacturing	321	204	117	—	311	179	64	68	27	78	79
Food and kindred products	86	72	14	—	82	53	5	24	23	18	5
Apparel and other fabricated textile products	132	67	65	—	132	78	35	19	—	34	49
Nonmanufacturing industries	81	53	28	—	72	35	15	22	—	10	32
Transport equipment operatives	195	145	50	—	181	105	39	37	7	21	26
Laborers, except farm	475	238	237	6	448	249	115	84	30	93	77
Farmers and farm managers	29	20	9	—	29	20	5	4	14	17	5
Farm laborers and farm foremen	64	23	41	—	52	27	5	20	75	114	74
Paid farm laborers and farm foremen	64	23	41	—	52	27	5	20	75	110	70
Unpaid family workers	—	—	—	—	—	—	—	—	—	4	4
Service workers, except private household <sup>1</sup>	5 825	2 632	3 171	49	5 363	3 237	1 282	844	394	1 181	1 402
Cleaning service workers	871	79	792	—	817	511	193	113	36	150	197
Chambermaids and maids	357	20	337	—	331	194	81	56	—	89	76
Food service workers	2 144	975	1 155	35	1 932	1 016	500	416	170	586	662
Cooks, except private household	883	189	694	—	848	461	273	114	14	146	151
Waiters and food counter workers	936	683	244	35	796	411	168	217	144	350	444
Health service workers	1 377	635	738	—	1 323	920	253	150	83	226	249
Nursing aides, orderlies, and attendants	875	327	548	—	836	601	159	76	22	150	173
Practical nurses	231	112	115	—	221	163	41	17	45	37	37
Personal service workers	856	622	234	8	817	509	207	101	64	154	158
Hairdressers and cosmetologists	523	427	96	8	496	317	123	56	44	78	64
Private household workers	3 181	285	2 886	—	2 884	1 607	727	556	205	909	789
Private household workers, living in	18	10	8	—	18	14	4	—	—	—	—
Private household workers, living out	3 163	275	2 878	—	2 866	1 593	723	550	205	909	789
Unemployed persons, last worked 1959 or earlier <sup>2</sup>	28	22	6	—	—	—	—	—	—	—	—

<sup>1</sup>Includes protective service workers and allocated cases not shown separately. <sup>2</sup>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

CHATTANOOGA, TENN.—GA., 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
<b>Male, 16 years old and over</b> .....	<b>75 196</b>	<b>66 366</b>	<b>8 743</b>	<b>313</b>	<b>73 910</b>	<b>58 808</b>	<b>10 688</b>	<b>4 414</b>	<b>1 858</b>	<b>4 264</b>	<b>5 559</b>
<b>Professional, technical, and kindred workers</b> .....	<b>9 061</b>	<b>8 625</b>	<b>382</b>	<b>70</b>	<b>8 948</b>	<b>7 342</b>	<b>1 125</b>	<b>481</b>	<b>104</b>	<b>225</b>	<b>379</b>
Accountants.....	703	698	—	—	703	581	69	53	9	16	22
Architects.....	32	32	—	—	32	32	—	—	—	—	7
Computer specialists.....	231	226	5	—	231	187	18	26	—	—	—
Engineers.....	1 967	1 922	24	13	1 927	1 657	199	71	41	41	56
Aeronautical and astronautical.....	7	7	—	—	7	7	—	—	—	—	—
Civil.....	289	284	5	—	289	284	5	—	5	13	33
Electrical and electronic.....	551	541	4	—	527	462	46	19	21	18	6
Mechanical.....	261	252	—	—	256	224	22	10	—	5	6
Other engineers.....	859	838	15	13	848	680	126	42	15	5	11
Lawyers and judges.....	388	388	—	7	379	360	9	10	—	5	5
Life and physical scientists.....	190	172	18	—	190	168	17	5	—	9	4
Chemists.....	169	151	18	—	169	153	11	5	—	—	4
Physicians, dentists, and related practitioners.....	645	626	6	17	645	579	56	10	15	—	24
Dentists.....	125	125	—	—	125	108	17	—	—	—	—
Pharmacists.....	154	148	6	—	154	140	9	5	15	—	14
Physicians, medical and osteopathic.....	331	318	—	17	331	300	26	5	—	—	4
Other related practitioners.....	35	35	—	—	35	31	4	—	—	—	6
Health technologists and technicians.....	48	48	—	—	48	48	—	—	—	—	—
Religious workers.....	487	478	9	6	478	420	58	—	8	14	27
Social scientists.....	43	43	—	—	43	37	6	—	—	—	—
Social and recreation workers.....	114	84	30	9	114	79	22	13	—	—	15
Teachers.....	1 101	985	107	11	1 070	637	356	77	16	52	46
College and university.....	308	299	—	—	303	209	76	18	—	5	10
Elementary and prekindergarten.....	320	274	46	4	309	187	117	5	5	31	25
Secondary.....	392	341	51	7	377	194	153	30	11	5	11
Engineering and science technicians.....	1 257	1 230	27	—	1 257	1 043	99	115	5	31	42
Draftsmen and surveyors.....	722	722	—	—	722	586	53	83	5	26	19
Electrical and electronic engineering technicians.....	117	117	—	—	117	82	15	20	—	5	18
Technicians, except health, and engineering and science.....	67	67	—	—	67	67	—	—	—	—	7
Airplane pilots.....	13	13	—	—	13	13	—	—	—	—	—
Writers, artists, and entertainers.....	559	540	19	—	559	492	24	43	5	27	64
Other professional, technical, and kindred workers.....	1 229	1 086	137	7	1 205	955	192	58	5	30	60
<b>Managers and administrators, except farm</b> .....	<b>8 765</b>	<b>8 517</b>	<b>248</b>	<b>52</b>	<b>8 709</b>	<b>8 002</b>	<b>598</b>	<b>109</b>	<b>195</b>	<b>482</b>	<b>483</b>
Buyers, purchasing agents, and sales managers.....	927	925	2	—	927	846	69	12	13	47	22
School administrators.....	216	187	29	—	216	189	27	—	—	11	—
Specified managers and administrators, public administration.....	303	293	10	—	303	294	9	—	8	16	17
Other specified managers and administrators.....	1 664	1 580	84	5	1 642	1 481	127	34	36	69	153
Managers and administrators, n.e.c., salaried.....	4 349	4 261	88	40	4 319	4 041	230	48	71	203	177
Manufacturing.....	1 311	1 291	20	18	1 311	1 237	69	5	28	35	34
Wholesale and retail trade.....	1 439	1 416	23	15	1 426	1 338	72	16	9	59	61
Transportation, communications, and other public utilities.....	413	413	—	7	413	404	9	—	12	25	30
All other industries.....	1 186	1 141	45	—	1 169	1 062	80	27	22	84	52
Managers and administrators, n.e.c., self-employed.....	1 306	1 271	35	7	1 302	1 151	136	15	67	136	114
Construction.....	295	276	19	—	295	215	75	5	14	28	30
Manufacturing.....	117	117	—	—	113	93	20	—	6	14	9
Wholesale and retail trade.....	635	624	11	7	635	609	22	4	36	80	58
All other industries.....	259	254	5	—	259	234	19	6	11	14	17
<b>Sales workers</b> .....	<b>5 547</b>	<b>5 440</b>	<b>107</b>	<b>15</b>	<b>5 471</b>	<b>4 608</b>	<b>518</b>	<b>345</b>	<b>78</b>	<b>214</b>	<b>352</b>
Insurance agents, brokers, and underwriters.....	780	780	—	8	775	683	61	31	7	18	20
Real estate agents and brokers.....	255	255	—	—	250	217	28	5	—	15	5
Sales representatives, manufacturing industries.....	771	766	5	—	762	696	41	25	10	22	6
Sales representatives, wholesale trade.....	977	972	5	—	977	851	73	53	11	34	6
Sales clerks, retail trade.....	1 080	1 046	34	7	1 044	756	142	146	36	46	199
Salesmen, retail trade.....	765	747	18	—	765	633	90	42	10	43	27
Salesmen of services and construction.....	231	212	19	—	216	203	13	—	4	15	9
Other sales workers.....	688	662	26	—	682	569	70	43	—	21	80
<b>Clerical and kindred workers</b> .....	<b>5 247</b>	<b>4 858</b>	<b>389</b>	<b>33</b>	<b>5 179</b>	<b>4 241</b>	<b>627</b>	<b>311</b>	<b>110</b>	<b>210</b>	<b>392</b>
Bank tellers and cashiers.....	145	137	8	—	145	85	39	21	12	—	49
Bookkeepers and billing clerks.....	397	381	16	5	387	357	15	15	8	21	5
Mail handlers and postal clerks.....	636	586	50	5	636	548	77	11	4	21	23
Other clerical and kindred workers.....	4 069	3 754	315	23	4 011	3 251	496	264	86	168	315
<b>Craftsmen and kindred workers</b> .....	<b>17 145</b>	<b>15 945</b>	<b>1 178</b>	<b>70</b>	<b>16 932</b>	<b>13 727</b>	<b>2 473</b>	<b>732</b>	<b>444</b>	<b>1 105</b>	<b>924</b>
Apparel craftsmen and upholsterers.....	203	183	14	—	197	164	18	15	7	12	10
Bakers.....	77	48	23	6	77	57	8	12	—	4	4
Cabinetmakers.....	140	140	—	9	134	106	24	4	7	16	—
Construction craftsmen.....	4 128	3 868	260	19	4 061	2 663	1 071	327	117	363	330
Carpenters.....	1 039	1 001	38	—	1 030	550	375	105	59	133	79
Excavating, grading, and road machine operators.....	345	335	10	—	339	222	101	16	—	20	24
Electricians.....	896	862	34	—	891	772	73	46	11	37	36
Masons and tile setters.....	376	323	53	—	372	203	134	35	17	55	53
Painters, construction and maintenance, and paperhangers.....	450	422	28	7	432	247	124	61	12	69	36
Plasterers and cement finishers.....	102	50	52	—	102	41	44	17	6	10	12
Plumbers and pipe fitters.....	557	522	35	12	544	410	113	21	8	10	42
Other construction craftsmen.....	363	353	10	—	351	218	107	26	4	29	48
Foremen, n.e.c.....	3 129	3 039	85	16	3 129	2 930	170	29	95	132	81
Manufacturing.....	2 290	2 229	61	16	2 290	2 178	102	10	67	78	57
Nonmanufacturing industries.....	839	810	24	—	839	752	68	19	28	54	24
Linemen and servicemen, telephone and power.....	437	420	17	—	425	365	49	11	—	6	6
Locomotive engineers and firemen.....	88	83	5	—	88	61	27	—	15	37	4
Mechanics and repairmen.....	3 689	3 537	147	6	3 662	3 182	392	88	75	177	132
Air conditioning, heating, and refrigeration.....	145	145	—	—	138	100	38	—	—	4	—
Aircraft.....	30	30	—	—	24	24	—	—	—	—	—
Automobile, including body.....	1 137	1 053	84	—	1 132	973	134	25	25	64	20
Radio and television.....	133	126	7	—	128	123	5	—	—	10	10
Other mechanics and repairmen.....	2 244	2 183	56	6	2 240	1 962	215	63	50	99	102
Metal craftsmen, except mechanics.....	2 036	1 803	233	—	2 021	1 714	253	54	34	139	78
Machinists and job and die setters.....	980	893	87	—	970	850	88	32	14	78	29
Sheetmetal workers and tinsmiths.....	207	207	—	—	207	172	30	5	4	5	18
Tool and die makers.....	114	114	—	—	114	102	12	—	5	18	6
Other metal craftsmen.....	735	589	146	—	730	590	123	17	11	38	25
Printing craftsmen.....	426	413	13	7	426	345	52	29	6	32	26
Compositors and typesetters.....	234	224	10	7	234	199	20	15	—	15	22
Pressmen and plate printers, printing.....	130	127	3	—	130	95	32	3	—	8	—
Stationary engineers and power station operators.....	232	222	10	—	232	198	27	7	4	25	5
Other craftsmen and kindred workers.....	2 560	2 189	371	7	2 480	1 942	382	156	84	162	248

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

CHATTANOOGA, TENN.—GA., 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
<b>Operatives, except transport</b> .....	<b>13 455</b>	<b>11 112</b>	<b>2 343</b>	<b>49</b>	<b>13 217</b>	<b>10 193</b>	<b>2 143</b>	<b>881</b>	<b>337</b>	<b>604</b>	<b>913</b>
Assemblers.....	448	368	80	—	441	339	84	18	11	19	16
Checkers, examiners, and inspectors; manufacturing.....	587	491	96	—	582	455	96	31	—	15	10
Garage workers and gas station attendants.....	654	578	76	—	649	385	144	120	13	54	118
Laundry and drycleaning operatives, n.e.c.....	72	56	16	—	72	60	—	12	—	5	9
Meat cutters and butchers.....	265	252	13	—	265	203	46	16	4	—	14
Mine operatives, n.e.c.....	28	28	—	—	28	28	—	—	4	12	9
Packers and wrappers, except produce.....	369	309	60	—	369	259	65	45	4	—	48
Painters, manufactured articles.....	151	126	25	—	151	118	24	9	10	8	14
Precision machine operatives.....	491	323	168	—	491	419	58	14	22	11	48
Sawyers.....	80	70	10	—	80	53	27	—	5	12	32
Stationary firemen.....	149	132	17	—	149	133	16	—	5	6	9
Textile operatives.....	2 128	1 902	226	7	2 098	1 717	278	103	62	86	127
Welders and flamecutters.....	1 601	1 521	80	—	1 569	1 247	254	68	18	51	38
Other metalworking operatives.....	479	276	203	—	479	386	46	47	11	34	48
Other specified operatives.....	2 583	2 070	513	21	2 476	1 803	459	214	62	118	229
Miscellaneous and not specified operatives.....	3 370	2 610	760	21	3 370	2 588	546	184	106	173	179
Occupation:											
Machine operatives, miscellaneous specified.....	1 272	953	319	13	1 258	1 032	170	56	59	84	49
Machine operatives, not specified.....	865	716	149	—	852	648	170	34	16	21	39
Miscellaneous operatives.....	893	664	229	8	868	654	139	75	31	50	61
Not specified operatives.....	340	277	63	—	340	254	67	19	—	18	30
Industry:											
Manufacturing.....	2 899	2 236	663	—	2 851	2 271	456	124	82	160	128
Durable goods.....	1 695	1 265	430	—	1 655	1 249	320	86	65	116	66
Wood products, including furniture.....	127	118	9	—	118	74	19	25	6	13	10
Primary metal industries.....	325	171	154	—	325	222	99	4	15	27	15
Fabricated metal industries.....	475	331	144	—	469	381	62	26	10	23	15
Machinery, including electrical.....	267	214	53	—	255	193	57	5	11	16	8
Motor vehicles and equipment.....	25	16	9	—	25	20	5	—	—	5	—
Transportation equipment, except motor vehicles.....	113	100	13	—	113	81	17	15	—	—	9
Other durable goods.....	363	315	48	—	350	278	61	11	23	32	9
Nondurable goods.....	1 183	955	228	—	1 175	1 001	136	38	17	44	62
Food and kindred products.....	253	221	32	—	253	178	55	20	10	21	33
Apparel and other fabricated textile products.....	23	23	—	—	23	17	—	6	—	—	—
Paper and allied products.....	265	201	64	—	265	230	35	—	7	18	7
Chemicals and allied products.....	546	425	121	—	542	489	41	12	—	5	7
Other nondurable goods.....	96	85	11	—	92	87	5	—	—	—	15
Not specified manufacturing industries.....	21	16	5	—	21	21	—	—	—	—	—
Nonmanufacturing industries.....	471	374	97	21	467	317	90	60	24	13	51
Transportation, communications, and other public utilities.....	68	64	4	5	68	62	6	—	—	—	13
Wholesale and retail trade.....	168	120	48	—	168	96	42	30	8	13	4
All other industries.....	235	190	45	16	231	159	48	24	16	—	34
Transport equipment operatives.....	5 188	4 343	845	—	5 118	3 969	949	200	97	333	248
Bus drivers.....	243	228	15	—	243	182	50	11	—	56	11
Taxicab drivers and chauffeurs.....	132	79	53	—	132	95	37	—	17	4	6
Truck drivers and deliverymen.....	3 407	2 956	451	—	3 380	2 650	603	127	61	220	139
Other transport equipment operatives.....	1 406	1 080	326	—	1 363	1 042	259	62	19	53	92
Laborers, except farm.....	4 911	3 362	1 549	11	4 667	2 723	1 173	771	179	473	908
Construction laborers.....	949	747	202	6	923	469	294	160	67	121	155
Freight, stock, and material handlers.....	1 570	1 280	290	—	1 469	841	315	313	43	102	326
Other specified laborers.....	1 314	823	491	5	1 252	733	306	213	20	143	252
Miscellaneous and not specified laborers.....	1 078	512	566	—	1 023	680	258	85	49	107	175
Occupation:											
Miscellaneous laborers.....	270	100	170	—	258	181	63	14	21	46	25
Not specified laborers.....	808	412	396	—	765	499	195	71	28	61	150
Industry:											
Manufacturing.....	707	318	389	—	678	455	182	41	10	61	67
Durable goods.....	485	195	290	—	456	289	139	28	6	35	42
Wood products, including furniture.....	52	40	12	—	52	15	26	11	—	—	12
Metal industries.....	314	96	218	—	291	201	79	11	6	19	16
Machinery, including electrical.....	58	30	28	—	58	32	20	6	—	10	5
Transportation equipment.....	9	3	6	—	9	9	—	—	—	—	—
Other durable goods.....	52	26	26	—	46	32	14	—	—	6	9
Nondurable goods.....	216	117	99	—	216	160	43	13	4	26	20
Food and kindred products.....	74	16	58	—	74	55	16	3	—	—	5
Not specified manufacturing industries.....	6	—	—	—	6	6	—	—	—	—	—
Nonmanufacturing industries.....	371	194	177	—	345	225	76	44	39	46	108
Railroads and railway express service.....	51	9	42	—	51	42	—	9	11	12	17
Transportation, except railroads.....	10	5	5	—	10	5	5	—	5	—	6
Communications, and utilities and sanitary services.....	75	50	25	—	62	57	5	—	10	5	9
Wholesale and retail trade.....	102	38	64	—	93	67	15	11	5	20	35
All other industries.....	133	92	41	—	129	54	51	24	8	9	41
Farmers and farm managers.....	399	399	—	—	382	297	57	28	49	66	37
Farm laborers and farm foremen.....	334	255	73	—	313	162	122	29	34	35	81
Paid farm laborers and farm foremen.....	328	249	73	—	307	156	122	29	22	35	77
Unpaid family workers.....	6	6	—	—	6	6	—	—	12	—	4
Service workers, except private household <sup>1</sup> .....	5 023	3 497	1 521	13	4 853	3 489	861	503	231	465	827
Cleaning service workers.....	2 089	1 269	820	13	2 031	1 386	434	211	109	233	302
Food service workers.....	580	349	231	—	530	223	175	132	10	66	144
Cooks, except private household.....	263	145	118	—	230	93	87	50	5	13	52
Busboys and dishwashers.....	154	88	66	—	146	35	67	44	—	20	47
Health service workers.....	146	104	42	—	146	111	25	10	6	3	16
Personal service workers.....	541	453	88	—	541	415	61	65	13	53	132
Protective service workers.....	1 108	1 002	106	—	1 091	902	128	61	64	82	87
Firemen, fire protection.....	196	186	10	—	196	182	14	—	15	—	18
Guards and watchmen.....	423	393	30	—	415	323	49	43	39	73	57
Policemen and detectives.....	396	349	47	—	396	341	47	8	5	—	6
Private household workers.....	121	13	108	—	121	55	42	24	—	32	15
Unemployed persons, last worked 1959 or earlier <sup>2</sup> .....	—	—	—	—	...	...	...	...	...	...	...

<sup>1</sup>Includes allocated cases not shown separately. <sup>2</sup>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

CHATTANOOGA, TENN.—GA., 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
<b>Female, 16 years old and over</b>	<b>49 662</b>	<b>40 995</b>	<b>8 588</b>	<b>203</b>	<b>46 907</b>	<b>28 175</b>	<b>12 055</b>	<b>6 677</b>	<b>3 664</b>	<b>9 695</b>	<b>10 937</b>
<b>Professional, technical, and kindred workers</b>	<b>7 407</b>	<b>6 481</b>	<b>894</b>	<b>87</b>	<b>7 081</b>	<b>3 538</b>	<b>2 636</b>	<b>907</b>	<b>423</b>	<b>1 058</b>	<b>1 282</b>
Accountants	206	192	14	—	202	171	20	11	8	34	36
Computer specialists	56	56	—	—	42	28	10	4	5	6	7
Librarians	147	117	30	—	136	39	76	21	5	10	14
Mathematical specialists	15	15	—	—	15	15	—	—	6	—	16
Life and physical scientists	42	42	—	—	42	37	—	5	7	6	—
Registered nurses, dietitians, and therapists	1 346	1 235	104	18	1 321	896	249	176	60	210	191
Dietitians	70	52	18	—	70	55	15	—	—	24	6
Registered nurses	1 218	1 137	81	18	1 193	825	208	160	53	178	179
Health technologists and technicians	289	277	9	8	279	208	53	18	12	15	30
Social scientists	9	9	—	—	9	4	5	—	—	—	—
Social and recreation workers	332	242	90	—	326	215	79	32	11	23	97
Teachers: College and university	230	218	12	4	213	98	89	26	24	36	39
Elementary and prekindergarten	2 174	1 847	327	24	2 058	546	1 230	282	159	347	458
Secondary	724	653	71	19	715	204	406	105	27	133	104
Other teachers	193	193	—	—	173	90	53	30	9	11	52
Engineering and science technicians	296	285	11	—	280	221	27	32	21	34	16
Technicians, except health, and engineering and science	18	14	4	—	18	14	4	—	8	10	10
Writers, artists, and entertainers	266	256	10	14	248	154	63	31	11	93	46
Actors and dancers	10	10	—	—	10	—	—	—	—	—	—
Authors, editors, and reporters	63	63	—	—	63	42	6	15	—	29	5
Other professional, technical, and kindred workers	1 064	830	212	—	1 004	598	272	134	47	90	166
<b>Managers and administrators, except farm</b>	<b>1 548</b>	<b>1 467</b>	<b>81</b>	<b>4</b>	<b>1 501</b>	<b>1 143</b>	<b>283</b>	<b>75</b>	<b>111</b>	<b>320</b>	<b>164</b>
Buyers, purchasing agents, and sales managers	227	223	4	—	223	162	40	21	18	48	22
Restaurant, cafeteria, and bar managers	238	202	36	4	229	110	110	9	12	60	12
School administrators	56	50	6	—	56	35	21	—	5	—	8
Other specified managers and administrators	286	277	9	—	276	226	25	25	18	52	50
Managers and administrators, n.e.c., salaried	538	512	26	—	523	443	65	15	48	108	52
Wholesale and retail trade	162	162	—	—	151	118	28	5	16	49	28
Managers and administrators, n.e.c., self-employed	203	203	—	—	194	167	22	5	10	52	20
Wholesale and retail trade	129	129	—	—	129	107	17	5	10	43	6
<b>Sales workers</b>	<b>3 091</b>	<b>2 916</b>	<b>169</b>	<b>—</b>	<b>2 888</b>	<b>1 773</b>	<b>621</b>	<b>494</b>	<b>348</b>	<b>996</b>	<b>1 188</b>
Demonstrators, hucksters, and peddlers	135	128	7	—	123	54	35	34	—	48	107
Insurance, real estate agents, and brokers	242	232	10	—	242	175	31	36	28	64	28
Sales clerks, retail trade	1 925	1 825	94	—	1 786	1 042	422	322	274	740	746
Salesmen, retail trade	89	89	—	—	83	58	20	5	—	25	19
Other sales workers	700	642	58	—	654	444	113	97	46	119	288
<b>Clerical and kindred workers</b>	<b>14 886</b>	<b>14 023</b>	<b>856</b>	<b>53</b>	<b>14 179</b>	<b>9 414</b>	<b>2 847</b>	<b>1 918</b>	<b>1 079</b>	<b>2 742</b>	<b>2 900</b>
Bank tellers	320	311	9	—	310	201	74	35	10	33	64
Bookkeepers	1 849	1 789	60	6	1 795	1 321	264	210	162	365	182
Cashiers	953	891	62	7	906	461	231	214	78	269	296
Counter clerks, except food	230	213	17	—	209	128	56	25	17	65	65
Enumerators and interviewers	135	130	5	—	66	15	11	40	26	26	63
File clerks	348	321	27	—	321	211	65	45	9	68	76
Office machine operators	483	458	25	—	455	290	92	73	35	81	99
Bookkeeping and billing machine operators	40	40	—	—	40	28	12	—	—	5	20
Keypunch operators	378	353	25	—	350	212	65	73	30	52	71
Payroll and timekeeping clerks	187	183	4	—	180	146	18	16	19	36	32
Receptionists	391	381	10	—	377	260	53	64	36	92	140
Secretaries	3 788	3 726	55	7	3 674	2 600	712	362	296	634	608
Stenographers	180	180	—	—	173	113	35	25	10	29	25
Telephone operators	588	556	32	7	551	322	135	94	37	127	94
Typists	1 021	928	93	13	979	677	166	136	74	205	193
Other clerical and kindred workers	4 413	3 956	457	13	4 183	2 669	935	579	270	712	963
<b>Craftsmen and kindred workers</b>	<b>1 112</b>	<b>996</b>	<b>109</b>	<b>7</b>	<b>1 087</b>	<b>722</b>	<b>232</b>	<b>133</b>	<b>45</b>	<b>181</b>	<b>216</b>
Foremen, n.e.c.	294	275	19	—	289	239	33	17	16	33	13
<b>Operatives, except transport</b>	<b>10 443</b>	<b>8 813</b>	<b>1 620</b>	<b>14</b>	<b>9 927</b>	<b>5 945</b>	<b>2 622</b>	<b>1 360</b>	<b>816</b>	<b>1 999</b>	<b>2 383</b>
Assemblers	500	422	78	—	494	286	146	62	22	148	105
Battling and canning operatives	11	11	—	—	11	5	6	—	—	8	—
Checkers, examiners, and inspectors, manufacturing	973	917	56	—	942	668	149	125	101	162	234
Dressmakers and seamstresses, except factory	157	146	11	—	145	100	25	20	21	77	21
Laundry and drycleaning operatives, including ironers	471	176	295	—	447	278	109	60	33	140	94
Graders and sorters, manufacturing	42	29	13	—	42	20	4	18	—	2	12
Packers and wrappers, except produce	519	411	108	14	491	296	124	71	30	132	136
Sewers and slitchers	1 358	1 283	75	—	1 293	682	360	251	164	425	507
Textile operatives	3 160	2 924	231	—	3 068	1 900	781	387	287	498	583
Other specified operatives	2 044	1 527	512	—	1 830	1 031	614	185	105	260	359
Miscellaneous and not specified operatives	1 208	967	241	—	1 164	679	304	181	53	147	332
Manufacturing	1 111	890	221	—	1 073	610	297	166	44	138	282
Durable goods	391	326	65	—	373	228	110	35	22	53	66
Machinery, including electrical	104	97	7	—	99	59	24	16	—	15	11
Other durable goods	287	229	58	—	274	169	86	19	22	38	55
Nondurable goods, including not specified manufacturing	720	564	156	—	700	382	187	131	22	85	216
Food and kindred products	225	158	62	—	210	76	94	40	6	10	57
Apparel and other fabricated textile products	125	113	12	—	125	58	42	25	—	26	55
Nonmanufacturing industries	97	77	20	—	91	69	7	15	9	9	50
Transport equipment operatives	150	131	19	—	150	85	55	10	11	4	58
<b>Laborers, except farm</b>	<b>647</b>	<b>518</b>	<b>129</b>	<b>—</b>	<b>618</b>	<b>367</b>	<b>163</b>	<b>88</b>	<b>33</b>	<b>75</b>	<b>144</b>
Farmers and farm managers	56	42	14	—	56	52	4	—	—	11	15
Farm laborers and farm foremen	128	115	13	—	119	47	21	51	5	34	53
Paid farm laborers and farm foremen	104	91	13	—	95	33	21	41	5	34	44
Unpaid family workers	24	24	—	—	24	14	—	10	—	—	9
<b>Service workers, except private household<sup>1</sup></b>	<b>7 608</b>	<b>4 889</b>	<b>2 707</b>	<b>25</b>	<b>7 048</b>	<b>3 932</b>	<b>1 917</b>	<b>1 199</b>	<b>591</b>	<b>1 684</b>	<b>2 097</b>
Cleaning service workers	985	280	705	7	916	480	276	160	28	229	209
Chambermaids and maids	335	73	262	—	308	149	94	65	5	138	87
Food service workers	2 726	1 877	843	—	2 477	1 140	803	534	306	855	967
Cooks, except private household	1 040	461	579	—	972	449	397	126	115	197	257
Waiters and food counter workers	1 265	1 167	92	—	1 123	525	284	314	159	473	615
Health service workers	1 425	903	522	—	1 365	996	225	144	79	280	299
Nursing aides, orderlies, and attendants	874	501	373	—	837	646	118	73	55	169	179
Practical nurses	300	201	99	—	300	203	71	26	14	53	40
Personal service workers	1 356	1 127	229	13	1 293	738	348	207	116	211	363
Hairdressers and cosmetologists	796	704	92	—	769	454	185	130	66	145	115
<b>Private household workers</b>	<b>2 512</b>	<b>561</b>	<b>1 946</b>	<b>13</b>	<b>2 253</b>	<b>1 157</b>	<b>654</b>	<b>442</b>	<b>202</b>	<b>591</b>	<b>437</b>
Private household workers, living in	63	45	18	4	50	36	7	7	—	—	—
Private household workers, living out	2 449	516	1 928	9	2 203	1 121	647	435	202	591	437
Unemployed persons, last worked 1959 or earlier <sup>2</sup>	74	43	31	—	—	—	—	—	—	—	—

<sup>1</sup>Includes protective service workers and allocated cases not shown separately.

<sup>2</sup>See 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**

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
<b>Male, 16 years old and over</b>	<b>1 048 967</b>	<b>796 753</b>	<b>146 751</b>	<b>57 598</b>	<b>36 957</b>	<b>52 196</b>	<b>103 313</b>	<b>2 150</b>
<b>Professional, technical, and kindred workers</b>	<b>113 368</b>	<b>61 887</b>	<b>39 079</b>	<b>11 933</b>	<b>16 086</b>	<b>11 060</b>	<b>12 387</b>	<b>15</b>
Accountants	9 014	6 200	1 848	1 136	551	161	961	5
Architects	1 034	582	107	63	28	16	345	—
Computer specialists	2 688	2 059	620	351	205	64	9	—
Engineers	17 854	13 591	3 909	2 119	1 418	372	354	—
Aeronautical and astronautical	2 286	2 142	144	—	—	—	—	—
Civil	3 708	1 728	1 899	593	1 078	228	81	—
Electrical and electronic	3 362	2 843	481	356	99	26	38	—
Mechanical	1 624	1 341	234	191	25	18	49	—
Other engineers	6 874	5 537	1 151	835	216	100	186	—
Lawyers and judges	4 111	1 056	682	250	166	266	2 373	—
Life and physical scientists	2 126	931	1 175	697	436	42	20	—
Chemists	1 075	753	317	196	111	10	5	—
Physicians, dentists, and related practitioners	8 755	2 678	1 194	342	514	338	4 878	5
Dentists	1 362	122	69	28	21	20	1 171	—
Pharmacists	2 061	1 466	122	25	42	55	468	5
Physicians, medical and osteopathic	4 293	871	889	232	399	258	2 533	—
Other related practitioners	1 039	219	114	57	52	5	706	—
Health technologists and technicians	1 533	744	737	252	228	257	52	—
Religious workers	5 889	4 666	96	23	32	41	1 127	—
Social scientists	1 242	813	410	170	119	121	19	—
Social and recreation workers	1 770	428	1 328	282	490	556	14	—
Teachers	17 720	3 298	14 231	630	6 626	6 975	191	—
College and university	6 053	1 495	4 558	73	4 332	153	—	—
Elementary and prekindergarten	3 193	392	2 795	76	817	1 902	6	—
Secondary	6 782	707	6 075	125	1 200	4 750	—	—
Engineering and science technicians	11 204	7 867	3 149	1 454	1 383	312	188	—
Draftsmen and surveyors	4 891	3 656	1 071	254	638	179	164	—
Electrical and electronic engineering technicians	1 999	1 155	639	760	58	21	5	—
Technicians, except health, and engineering and science	5 021	3 038	1 893	1 560	180	153	90	—
Airplane pilots	2 247	2 034	148	107	31	10	65	—
Writers, artists, and entertainers	7 468	5 550	652	338	342	172	1 066	—
Other professional, technical, and kindred workers	15 939	8 386	6 848	2 266	3 368	1 214	700	5
<b>Managers and administrators, except farm</b>	<b>123 138</b>	<b>85 316</b>	<b>14 449</b>	<b>6 174</b>	<b>3 240</b>	<b>5 035</b>	<b>23 119</b>	<b>254</b>
Buyers, purchasing agents, and sales managers	14 555	13 129	731	483	151	97	674	21
School administrators	2 913	466	2 388	35	556	1 797	59	—
Specified managers and administrators, public administration	7 706	9	7 697	4 500	1 287	1 910	—	—
Other specified managers and administrators	20 481	16 375	4 117	637	393	387	2 655	34
Managers and administrators, n.e.c., salaried	57 553	55 337	2 216	519	853	844	—	—
Manufacturing	12 641	12 534	107	75	17	15	—	—
Wholesale and retail trade	22 116	21 937	179	111	23	45	—	—
Transportation, communications and other public utilities	4 981	4 619	362	26	16	320	—	—
All other industries	17 815	16 247	1 568	307	797	464	—	—
Managers and administrators, n.e.c., self-employed	19 930	—	—	—	—	—	19 731	199
Construction	3 898	—	—	—	—	—	3 898	—
Manufacturing	1 489	—	—	—	—	—	1 479	10
Wholesale and retail trade	11 042	—	—	—	—	—	10 893	149
All other industries	3 501	—	—	—	—	—	3 461	40
<b>Sales workers</b>	<b>77 667</b>	<b>68 577</b>	<b>639</b>	<b>365</b>	<b>129</b>	<b>145</b>	<b>8 346</b>	<b>105</b>
Insurance agents, brokers, and underwriters	11 092	10 212	58	30	16	12	822	—
Real estate agents and brokers	3 779	2 797	41	11	6	24	941	—
Sales representatives, manufacturing industries	9 463	9 107	25	20	—	5	331	—
Sales representatives, wholesale trade	14 818	13 567	8	4	4	—	1 233	10
Sales clerks, retail trade	18 503	15 984	57	21	5	31	2 394	68
Salesmen, retail trade	9 487	8 066	5	5	—	—	1 411	5
Salesmen of services and construction	3 489	3 128	146	70	55	21	205	10
Other sales workers	7 036	5 716	299	204	43	52	1 009	12
<b>Clerical and kindred workers</b>	<b>77 444</b>	<b>54 644</b>	<b>21 485</b>	<b>16 432</b>	<b>2 586</b>	<b>2 467</b>	<b>1 226</b>	<b>89</b>
Bank tellers and cashiers	2 777	2 525	106	39	24	43	137	9
Bookkeepers and billing clerks	5 514	4 400	736	369	205	162	361	17
Mail handlers and postal clerks	9 764	1 045	8 696	8 539	106	51	17	6
Other clerical and kindred workers	59 389	46 674	11 947	7 485	2 251	2 211	711	57
<b>Craftsmen and kindred workers</b>	<b>228 945</b>	<b>186 412</b>	<b>21 236</b>	<b>10 595</b>	<b>3 975</b>	<b>6 666</b>	<b>21 104</b>	<b>193</b>
Apparel craftsmen and upholsterers	2 214	1 791	77	44	17	16	339	7
Bakers	1 119	798	78	40	22	16	43	—
Cabinetmakers	1 910	1 475	58	23	9	26	371	6
Construction craftsmen	69 157	52 321	5 611	1 823	1 521	267	11 173	52
Carpenters	22 226	17 181	2 267	849	382	249	4 172	24
Excavating, grading, and road machine operators	8 397	5 773	1 986	203	757	1 026	638	—
Electricians	10 072	8 497	975	523	178	274	590	10
Masons and tile setters	7 205	5 333	160	41	54	85	1 686	6
Painters, construction and maintenance, and paperhangers	8 488	5 329	784	321	160	303	2 375	—
Plasterers and cement finishers	1 991	1 619	114	23	39	52	258	—
Plumbers and pipe fitters	7 219	5 689	649	289	94	266	869	12
Other construction craftsmen	3 559	2 900	74	41	21	12	585	—
Foremen, n.e.c.	33 697	30 175	2 882	1 218	675	989	614	26
Manufacturing	18 982	18 547	225	179	35	11	201	9
Nonmanufacturing industries	14 715	11 628	2 657	1 039	640	978	413	17
Linemen and servicemen, telephone and power	9 100	8 561	509	182	32	295	30	—
Locomotive engineers and firemen	1 209	1 173	36	11	9	16	—	—
Mechanics and repairmen	63 777	51 290	7 624	5 077	871	1 676	4 806	57
Air conditioning, heating, and refrigeration	3 378	2 669	406	251	85	70	303	—
Aircraft	7 132	5 090	1 989	1 876	78	35	53	—
Automobile, including body	22 643	18 101	1 552	755	164	633	2 946	44
Radio and television	3 293	1 858	825	734	62	29	605	5
Other mechanics and repairmen	27 331	23 572	2 852	1 461	482	909	899	8
Metal craftsmen, except mechanics	13 090	11 671	1 140	978	79	83	270	9
Machinists and job and die setters	5 941	5 465	407	316	42	49	69	—
Sheetmetal workers and tinsmiths	3 082	2 424	539	515	16	8	110	9
Tool and die makers	1 414	1 290	99	84	10	5	25	—
Other metal craftsmen	2 653	2 492	95	63	11	21	66	—
Printing craftsmen	5 344	4 951	246	123	71	52	147	—
Compositors and typesetters	2 435	2 200	134	73	52	9	101	—
Pressmen and plate printers, printing	2 337	2 185	106	50	19	37	46	—
Stationary engineers and power station operators	2 656	1 796	843	152	84	607	17	—
Other craftsmen and kindred workers	25 672	20 210	2 132	924	585	623	3 294	36

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		
<b>Operatives, except transport</b> .....	<b>152 168</b>	<b>143 028</b>	<b>6 188</b>	<b>3 621</b>	<b>1 029</b>	<b>1 538</b>	<b>2 751</b>	<b>201</b>
Assemblers.....	11 874	11 197	640	505	52	83	31	6
Checkers, examiners, and inspectors, manufacturing.....	6 159	5 790	364	263	69	32	5	—
Garage workers and gas station attendants.....	10 060	9 251	161	67	18	76	580	68
Laundry and drycleaning operatives, n.e.c.....	1 191	923	132	51	42	39	126	10
Meat cutters and butchers.....	4 531	4 280	143	106	19	18	108	—
Mine operatives, n.e.c.....	1 803	1 754	15	12	—	3	34	—
Packers and wrappers, except produce.....	5 684	5 198	448	401	18	29	30	8
Painters, manufactured articles.....	2 020	1 910	53	36	6	11	49	8
Precision machine operatives.....	2 253	2 104	125	120	5	—	24	—
Sawyers.....	3 415	3 215	47	40	7	—	153	—
Stationary firemen.....	1 583	1 270	313	96	64	153	—	—
Textile operatives.....	23 053	22 893	100	21	5	74	60	—
Welders and flamecutters.....	9 894	9 136	447	281	68	98	305	6
Other metalworking operatives.....	3 647	3 468	129	114	—	15	39	11
Other specified operatives.....	26 798	24 937	1 025	507	255	263	792	44
Miscellaneous and not specified operatives.....	38 203	35 702	2 046	1 001	401	644	415	40
Occupation:								
Machine operatives, miscellaneous specified.....	14 061	13 446	468	264	82	122	144	3
Machine operatives, not specified.....	8 906	8 463	417	164	96	157	26	—
Miscellaneous operatives.....	10 972	9 911	877	393	183	301	147	37
Not specified operatives.....	4 264	3 882	284	180	40	64	98	—
Industry:								
Manufacturing.....	29 447	28 632	636	329	112	195	176	3
Durable goods.....	14 141	13 644	379	262	42	75	118	—
Wood products, including furniture.....	2 943	2 875	19	—	4	15	49	—
Primary metal industries.....	1 322	1 302	20	9	6	5	—	—
Fabricated metal industries.....	1 644	1 635	—	—	—	—	9	—
Machinery, including electrical.....	1 975	1 954	11	—	—	11	10	—
Motor vehicles and equipment.....	1 152	1 135	17	6	—	11	—	—
Transportation equipment, except motor vehicles.....	2 277	2 020	252	232	9	11	5	—
Other durable goods.....	2 828	2 723	60	15	23	22	45	—
Nondurable goods.....	15 082	14 782	239	67	70	102	58	3
Food and kindred products.....	3 876	3 802	49	4	21	24	25	—
Apparel and other fabricated textile products.....	1 227	1 214	8	—	8	—	5	—
Paper and allied products.....	5 174	5 111	53	4	15	34	10	—
Chemicals and allied products.....	1 969	1 887	77	34	9	34	5	—
Other nondurable goods.....	2 836	2 768	52	25	17	10	13	3
Not specified manufacturing industries.....	224	206	18	—	—	18	—	—
Nonmanufacturing industries.....	8 756	7 070	1 410	672	289	449	239	37
Transportation, communications, and other public utilities.....	1 788	1 527	256	32	27	197	5	—
Wholesale and retail trade.....	2 669	2 560	31	17	4	10	63	15
All other industries.....	4 299	2 983	1 123	623	258	242	171	22
Transport equipment operatives.....	69 725	59 765	7 409	1 543	1 430	4 436	2 505	46
Bus drivers.....	4 135	1 675	2 396	127	448	1 821	48	16
Taxicab drivers and chauffeurs.....	2 826	2 334	152	70	23	59	340	—
Truck drivers and deliverymen.....	49 193	43 560	3 727	764	812	2 151	1 887	19
Other transport equipment operatives.....	13 571	12 196	1 134	582	147	405	230	11
Laborers, except farm.....	82 382	69 219	9 862	2 192	2 245	5 425	3 132	169
Construction laborers.....	16 276	13 893	2 351	157	1 142	1 052	10	22
Freight, stock, and material handlers.....	29 826	25 809	3 657	1 243	258	2 156	324	36
Other specified laborers.....	23 301	18 301	2 397	554	667	1 176	2 538	65
Miscellaneous and not specified laborers.....	12 979	11 216	1 457	238	178	1 041	260	46
Occupation:								
Miscellaneous laborers.....	4 447	3 635	629	67	37	525	178	5
Not specified laborers.....	8 532	7 581	828	171	141	516	82	41
Industry:								
Manufacturing.....	5 889	5 795	69	18	4	47	16	9
Durable goods.....	2 627	2 574	37	—	4	33	11	5
Wood products, including furniture.....	833	818	15	—	4	11	—	—
Metal industries.....	604	599	—	—	—	—	—	5
Machinery, including electrical.....	250	250	—	—	—	—	—	—
Transportation equipment.....	391	387	4	—	—	4	—	—
Other durable goods.....	549	520	18	—	—	18	11	—
Nondurable goods.....	3 224	3 183	32	18	—	14	5	4
Food and kindred products.....	972	972	—	—	—	—	—	—
Not specified manufacturing industries.....	38	38	—	—	—	—	—	—
Nonmanufacturing industries.....	7 090	5 421	1 388	220	174	994	244	37
Railroads and railway express service.....	864	813	51	22	12	17	—	—
Transportation, except railroads.....	366	300	54	7	12	35	12	—
Communications, and utilities and sanitary services.....	1 016	374	642	20	41	581	—	—
Wholesale and retail trade.....	1 930	1 782	13	4	4	5	129	6
All other industries.....	2 914	2 152	628	167	105	356	103	31
Farmers and farm managers.....	27 111	1 473	44	20	18	6	25 566	28
Farm laborers and farm foremen.....	26 266	24 584	406	68	261	77	280	996
Paid farm laborers and farm foremen.....	25 270	24 584	406	68	261	77	280	—
Unpaid family workers.....	996	—	—	—	—	—	—	996
Service workers, except private household <sup>1</sup> .....	69 283	40 388	25 954	4 655	5 958	15 341	2 887	54
Cleaning service workers.....	24 410	16 765	7 366	1 597	1 910	3 859	274	5
Food service workers.....	11 199	9 283	1 605	589	610	406	289	22
Cooks, except private household.....	4 737	3 800	768	334	278	156	169	—
Busboys and dishwashers.....	1 739	1 520	207	47	69	91	8	4
Health service workers.....	3 616	1 474	2 142	652	951	539	—	—
Personal service workers.....	7 183	4 280	766	148	437	181	2 119	18
Protective service workers.....	17 588	4 656	12 902	1 306	1 811	9 785	30	—
Firemen, fire protection.....	3 405	1 119	3 286	329	27	2 930	—	—
Guards and watchmen.....	6 796	4 304	2 484	571	1 008	905	8	—
Policemen and detectives.....	6 242	216	6 009	373	761	4 875	17	—
Private household workers.....	1 470	1 460	—	—	—	—	10	—

<sup>1</sup>Includes allocated cases not shown separately.



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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
<b>THE STATE—Continued</b>								
<b>Total—Continued</b>								
Female, 16 years old and over	697 802	533 780	135 782	34 115	34 259	67 408	22 839	5 401
Professional, technical, and kindred workers	95 674	34 205	57 617	6 142	14 745	36 730	3 616	236
Accountants	4 883	2 851	1 784	1 493	152	139	203	45
Computer specialists	840	551	283	152	83	48	6	—
Librarians	2 331	379	1 946	88	566	1 292	6	—
Mathematical specialists	173	122	51	30	21	—	—	—
Life and physical scientists	479	174	295	178	63	54	10	—
Registered nurses, dietitians, and therapists	15 983	9 589	5 731	879	1 229	3 623	629	34
Dietitians	1 079	459	614	81	141	392	6	—
Registered nurses	14 308	8 856	4 820	767	923	3 130	598	34
Health technologists and technicians	3 759	2 461	1 283	290	346	647	15	—
Social scientists	247	143	87	15	27	45	17	—
Social and recreation workers	3 194	460	2 727	511	1 210	1 006	7	—
Teachers: College and university	2 507	861	1 646	30	1 417	199	—	—
Elementary and kindergarten	31 580	5 332	25 913	731	5 680	19 502	335	—
Secondary	10 648	944	9 704	136	1 869	7 699	—	—
Other teachers	2 731	891	597	124	219	254	1 243	—
Engineering and science technicians	1 632	1 152	454	205	231	18	20	6
Technicians, except health, and engineering and science	320	139	176	92	35	49	—	—
Writers, artists, and entertainers	3 499	2 688	309	131	102	76	431	71
Actors and dancers	108	98	10	5	—	—	—	—
Authors, editors, and reporters	887	690	101	40	56	5	84	12
Other professional, technical, and kindred workers	10 868	5 468	4 631	1 057	1 495	2 079	694	75
Managers and administrators, except farm	24 187	14 406	4 541	1 663	977	1 901	4 632	608
Buyers, purchasing agents, and sales managers	2 466	2 018	290	213	38	39	121	37
Restaurant, cafeteria, and bar managers	2 839	1 245	701	20	133	548	752	141
School administrators	1 236	376	808	48	278	482	52	—
Other specified managers and administrators	5 719	3 094	2 176	208	304	664	377	72
Managers and administrators, n.e.c., salaried	8 239	7 673	566	174	224	168	—	—
Wholesale and retail trade	3 377	3 322	55	44	11	—	—	—
Managers and administrators, n.e.c., self-employed	3 688	—	—	—	—	—	3 330	358
Wholesale and retail trade	2 667	—	—	—	—	—	2 444	223
Sales workers	43 456	39 588	657	339	151	167	2 277	934
Demonstrators, hucksters, and peddlers	2 335	2 080	33	18	—	15	217	5
Insurance, real estate agents, and brokers	3 120	2 888	36	16	—	20	162	34
Sales clerks, retail trade	29 846	27 454	244	174	31	39	1 427	721
Salesmen, retail trade	1 245	1 045	12	—	6	6	123	65
Other sales workers	6 910	6 121	332	131	114	87	348	109
Clerical and kindred workers	208 368	158 736	44 900	21 060	10 957	12 883	2 290	2 442
Bank tellers	4 342	4 189	148	100	12	36	5	—
Bookkeepers	27 158	22 813	2 503	1 005	507	991	795	1 047
Cashiers	14 955	13 070	1 144	401	212	531	375	366
Counter clerks, except food	3 684	3 440	147	38	93	16	54	43
Enumerators and interviewers	1 584	208	1 337	1 318	5	14	39	—
File clerks	5 222	3 546	1 635	904	429	302	26	15
Office machine operators	7 551	5 919	1 623	994	406	223	9	—
Bookkeeping and billing machine operators	845	748	97	56	—	16	25	—
Keypunch operators	5 133	3 877	1 247	776	303	168	9	—
Payroll and timekeeping clerks	2 556	2 113	413	303	25	85	11	19
Receptionists	4 731	3 820	796	142	282	372	66	49
Secretaries	53 478	40 635	12 007	3 815	4 182	4 010	330	506
Stenographers	2 453	1 236	1 212	586	427	199	5	—
Telephone operators	8 413	7 797	601	172	171	—	258	15
Typists	15 323	9 779	5 436	2 929	1 356	1 151	71	37
Other clerical and kindred workers	56 918	40 171	15 898	8 353	2 850	4 695	489	360
Craftsmen and kindred workers	13 386	11 474	1 197	768	148	281	624	91
Foremen, n.e.c.	4 041	3 756	247	146	35	66	27	11
Operatives, except transport	140 446	136 758	2 474	1 276	512	686	1 079	135
Assemblers	3 985	3 865	112	89	10	13	8	—
Bottling and canning operatives	180	176	4	—	—	4	—	—
Checkers, examiners, and inspectors; manufacturing	10 960	10 903	57	33	9	15	—	—
Dressmakers and seamstresses, except factory	2 005	1 255	79	64	11	4	662	9
Laundry and drycleaning operatives, including ironers	7 549	6 972	508	212	158	138	49	20
Graders and sorters, manufacturing	895	890	5	—	—	—	—	—
Packers and wrappers, except produce	9 701	9 305	388	307	24	57	8	—
Sewers and stitchers	43 641	43 287	238	75	17	146	92	24
Textile operatives	25 367	25 234	112	46	7	59	21	—
Other specified operatives	18 530	17 755	523	127	127	171	195	57
Miscellaneous and not specified operatives	17 633	17 116	448	225	144	79	44	25
Manufacturing	15 408	15 207	166	65	63	38	30	5
Durable goods	4 877	4 784	77	39	26	12	11	5
Machinery, including electrical	530	520	10	10	—	—	—	—
Other durable goods	4 347	4 264	67	29	26	12	11	5
Nondurable goods, including not specified manufacturing	10 531	10 423	89	26	37	26	19	—
Food and kindred products	3 290	3 261	19	6	13	—	10	—
Apparel and other fabricated textile products	3 722	3 701	17	—	13	4	4	—
Nonmanufacturing industries	2 225	1 909	282	160	81	41	14	20
Transport equipment operatives	2 991	1 667	1 230	63	197	970	83	11
Laborers, except farm	8 798	7 803	568	285	73	210	304	123
Farmers and farm managers	1 666	117	—	—	—	—	1 549	—
Farm laborers and farm foremen	6 483	5 938	39	—	21	18	9	497
Paid farm laborers and farm foremen	5 986	5 938	39	—	21	18	9	—
Unpaid family workers	497	—	—	—	—	—	—	497
Service workers, except private household <sup>1</sup>	97 110	68 057	22 522	2 512	6 461	13 549	6 207	324
Cleaning service workers	14 208	11 089	3 043	466	967	1 610	60	16
Chambermaids and maids	6 107	5 094	997	75	355	567	10	6
Food service workers	37 041	27 617	8 764	902	2 056	5 806	451	209
Cooks, except private household	15 503	9 474	5 713	409	1 149	4 155	215	101
Waiters and food counter workers	15 546	14 377	876	220	279	377	191	102
Health service workers	18 209	11 765	6 170	589	2 348	3 233	266	8
Nursing aides, orderlies, and attendants	10 425	6 550	3 820	303	1 727	1 790	55	—
Practical nurses	4 251	2 591	1 449	129	367	953	207	4
Personal service workers	18 327	11 589	1 723	305	566	852	4 964	51
Hairdressers and cosmetologists	10 486	6 440	40	11	16	13	3 985	21
Private household workers	55 237	55 031	37	7	17	13	169	—
Private household workers, living in	761	761	—	—	—	—	—	—
Private household workers, living out	54 476	54 270	37	7	17	13	169	—

<sup>1</sup>Includes protective service workers and allocated cases not shown separately.

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

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

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

**THE STATE—Continued**

**Negro**

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
<b>Male, 16 years old and over</b> .....	<b>212 002</b>	<b>169 113</b>	<b>32 950</b>	<b>11 551</b>	<b>6 237</b>	<b>15 162</b>	<b>9 639</b>	<b>300</b>
<b>Professional, technical, and kindred workers</b> .....	<b>7 379</b>	<b>2 651</b>	<b>4 305</b>	<b>725</b>	<b>1 137</b>	<b>2 443</b>	<b>423</b>	—
Accountants .....	143	90	53	38	—	15	—	—
Architects .....	26	7	13	9	4	—	6	—
Computer specialists .....	44	38	6	—	—	6	—	—
Engineers .....	254	147	107	73	—	34	—	—
Aeronautical and astronautical .....	43	38	5	5	—	—	—	—
Civil .....	67	29	38	24	—	14	—	—
Electrical and electronic .....	46	31	15	10	—	5	—	—
Mechanical .....	38	11	27	27	—	—	—	—
Other engineers .....	60	38	22	7	—	15	—	—
Lawyers and judges .....	54	27	5	—	—	5	22	—
Life and physical scientists .....	56	29	27	20	7	—	—	—
Chemists .....	41	25	16	16	—	—	—	—
Physicians, dentists, and related practitioners .....	211	57	59	16	21	22	95	—
Dentists .....	35	6	5	—	—	5	24	—
Pharmacists .....	47	21	14	10	—	4	12	—
Physicians, medical and osteopathic .....	119	26	34	6	15	13	59	—
Other related practitioners .....	10	4	6	—	6	—	—	—
Health technologists and technicians .....	205	90	115	75	14	26	—	—
Religious workers .....	619	463	13	—	7	6	143	—
Social scientists .....	27	15	6	6	—	—	6	—
Social and recreation workers .....	315	79	236	53	51	132	—	—
Teachers .....	3 222	475	2 736	109	804	1 823	11	—
College and university .....	396	187	209	17	174	18	—	—
Elementary and prekindergarten .....	1 083	101	982	26	286	670	—	—
Secondary .....	1 587	154	1 433	36	322	1 075	—	—
Engineering and science technicians .....	410	294	116	87	7	22	—	—
Draftsmen and surveyors .....	141	107	34	20	4	10	—	—
Electrical and electronic engineering technicians .....	49	36	13	13	5	—	5	—
Technicians, except health, and engineering and science .....	91	38	48	43	—	—	—	—
Airplane pilots .....	—	—	—	—	—	—	—	—
Writers, artists, and entertainers .....	415	289	66	14	14	38	60	—
Other professional, technical, and kindred workers .....	1 287	513	699	182	203	314	75	—
<b>Managers and administrators, except farm</b> .....	<b>5 018</b>	<b>2 424</b>	<b>1 175</b>	<b>339</b>	<b>237</b>	<b>599</b>	<b>1 401</b>	<b>18</b>
Buyers, purchasing agents, and sales managers .....	167	135	15	10	—	5	17	—
School administrators .....	606	100	494	16	115	363	12	—
Specified managers and administrators, public administration .....	350	—	350	252	29	69	—	—
Other specified managers and administrators .....	1 468	863	106	26	29	51	490	9
Managers and administrators, n.e.c., salaried .....	1 536	1 326	210	35	64	111	—	—
Manufacturing .....	204	194	10	—	10	10	—	—
Wholesale and retail trade .....	628	588	40	21	6	13	—	—
Transportation, communications and other public utilities .....	55	43	12	—	—	12	—	—
All other industries .....	649	501	148	14	58	76	—	—
Managers and administrators, n.e.c., self-employed .....	891	—	—	—	—	—	882	9
Construction .....	222	—	—	—	—	—	222	—
Manufacturing .....	111	—	—	—	—	—	111	—
Wholesale and retail trade .....	369	—	—	—	—	—	360	9
All other industries .....	189	—	—	—	—	—	189	—
<b>Sales workers</b> .....	<b>2 623</b>	<b>2 291</b>	<b>69</b>	<b>34</b>	<b>—</b>	<b>35</b>	<b>263</b>	<b>—</b>
Insurance agents, brokers, and underwriters .....	314	314	—	—	—	—	—	—
Real estate agents and brokers .....	132	77	9	—	—	9	46	6
Sales representatives, manufacturing industries .....	140	134	—	—	—	—	15	—
Sales representatives, wholesale trade .....	257	238	4	4	—	—	12	—
Sales clerks, retail trade .....	1 034	898	15	4	—	11	121	—
Salesmen, retail trade .....	242	201	—	—	—	—	41	—
Salesmen of services and construction .....	97	80	11	11	—	—	6	—
Other sales workers .....	407	349	30	15	—	15	28	—
<b>Clerical and kindred workers</b> .....	<b>12 133</b>	<b>7 934</b>	<b>4 130</b>	<b>3 502</b>	<b>266</b>	<b>362</b>	<b>65</b>	<b>4</b>
Bank tellers and cashiers .....	302	268	25	11	4	10	5	4
Bookkeepers and billing clerks .....	247	213	34	18	4	12	—	—
Mail handlers and postal clerks .....	2 736	434	2 302	2 246	28	28	—	—
Other clerical and kindred workers .....	8 848	7 019	1 769	1 227	230	312	60	—
<b>Craftsmen and kindred workers</b> .....	<b>30 972</b>	<b>24 786</b>	<b>3 617</b>	<b>1 552</b>	<b>561</b>	<b>1 504</b>	<b>2 559</b>	<b>10</b>
Apparel craftsmen and upholsterers .....	417	370	19	12	7	—	—	—
Bakers .....	545	489	56	18	22	16	—	—
Cabinetmakers .....	220	201	4	—	—	4	15	—
Construction craftsmen .....	13 553	10 733	1 264	384	264	616	1 556	—
Carpenters .....	3 236	2 640	178	107	28	43	418	—
Excavating, grading, and road machine operators .....	1 943	1 609	285	45	81	159	49	—
Electricians .....	430	293	110	45	14	51	27	—
Masons and tile setters .....	3 099	2 583	109	16	45	48	407	—
Painters, construction and maintenance, and paperhangers .....	1 621	1 011	317	139	38	140	293	—
Plasterers and cement finishers .....	1 599	1 335	93	17	30	46	171	—
Plumbers and pipe fitters .....	873	590	157	10	23	124	126	—
Other construction craftsmen .....	752	672	15	5	5	5	65	—
Foremen, n.e.c. .....	1 605	1 323	240	132	22	86	42	—
Manufacturing .....	744	706	17	12	5	—	21	—
Nonmanufacturing industries .....	861	617	223	120	17	86	21	—
Linemen and servicemen, telephone and power .....	514	450	64	15	—	49	—	—
Locomotive engineers and firemen .....	95	85	10	—	5	5	—	—
Mechanics and repairmen .....	6 894	5 310	1 225	637	134	454	359	—
Air conditioning, heating, and refrigeration .....	177	119	54	28	9	17	4	—
Aircraft .....	481	243	229	193	17	19	9	—
Automobile, including body .....	3 354	2 722	340	125	40	175	292	—
Radio and television .....	239	149	58	58	—	—	32	—
Other mechanics and repairmen .....	2 643	2 077	544	233	68	243	22	—
Metal craftsmen, except mechanics .....	1 075	963	92	66	16	10	20	—
Machinists and job and die setters .....	542	496	36	15	11	10	10	—
Sheetmetal workers and tinsmiths .....	159	103	51	51	—	—	5	—
Tool and die makers .....	31	26	—	—	—	—	5	—
Other metal craftsmen .....	343	338	5	—	5	—	—	—
Printing craftsmen .....	529	444	85	49	21	15	—	—
Compositors and typesetters .....	270	236	34	24	10	—	—	—
Pressmen and plate printers, printing .....	242	191	51	25	11	15	—	—
Stationary engineers and power station operators .....	230	146	80	6	11	63	4	—
Other craftsmen and kindred workers .....	5 295	4 272	478	233	59	186	535	10

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

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

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

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		
<b>Operatives, except transport</b> .....	<b>41 475</b>	<b>39 029</b>	<b>2 116</b>	<b>1 077</b>	<b>355</b>	<b>684</b>	<b>294</b>	<b>36</b>
Assemblers.....	2 954	2 820	128	69	15	44	—	6
Checkers, examiners, and inspectors; manufacturing.....	920	885	35	24	—	11	—	—
Garage workers and gas station attendants.....	2 011	1 884	75	29	8	38	46	6
Laundry and drycleaning operatives, n.e.c.....	567	438	112	35	42	35	17	—
Meat cutters and butchers.....	999	948	51	24	15	12	—	—
Mine operatives, n.e.c.....	749	733	9	6	—	3	7	—
Packers and wrappers, except produce.....	2 363	2 048	302	270	3	29	13	—
Painters, manufactured articles.....	601	580	13	7	—	6	—	8
Precision machine operatives.....	399	372	27	22	5	—	—	—
Sawyers.....	1 739	1 706	6	4	—	—	27	—
Stationary firemen.....	340	258	82	7	40	35	—	—
Textile operatives.....	4 732	4 646	67	15	—	52	19	—
Welders and flamecutters.....	1 539	1 466	67	46	16	5	6	—
Other metalworking operatives.....	1 096	1 050	40	30	—	10	—	6
Other specified operatives.....	8 014	7 490	412	193	80	139	105	7
Miscellaneous and not specified operatives.....	12 452	11 705	690	296	129	265	54	3
Occupation:								
Machine operatives, miscellaneous specified.....	4 587	4 353	194	90	30	74	37	3
Machine operatives, not specified.....	3 355	3 180	169	65	44	60	6	—
Miscellaneous operatives.....	3 263	3 025	227	94	29	104	11	—
Not specified operatives.....	1 247	1 147	100	47	26	27	—	—
<b>Industry:</b>								
<b>Manufacturing</b> .....	<b>9 595</b>	<b>9 318</b>	<b>251</b>	<b>71</b>	<b>63</b>	<b>117</b>	<b>23</b>	<b>3</b>
Durable goods.....	4 765	4 608	144	66	30	48	13	—
Wood products, including furniture.....	1 539	1 520	19	—	4	15	—	—
Primary metal industries.....	516	501	15	4	6	5	—	—
Fabricated metal industries.....	489	485	—	—	—	—	4	—
Machinery, including electrical.....	451	440	11	—	—	11	—	—
Motor vehicles and equipment.....	211	211	—	—	—	—	—	—
Transportation equipment, except motor vehicles.....	419	351	68	62	6	—	—	—
Other durable goods.....	1 140	1 100	31	—	14	17	9	—
Nondurable goods.....	4 744	4 624	107	5	33	69	10	3
Food and kindred products.....	1 811	1 785	26	—	10	16	—	—
Apparel and other fabricated textile products.....	278	265	8	—	8	—	5	—
Paper and allied products.....	1 313	1 279	29	—	—	29	5	—
Chemicals and allied products.....	675	637	38	5	9	24	—	—
Other nondurable goods.....	667	658	6	—	6	—	—	3
Not specified manufacturing industries.....	86	86	—	—	—	—	—	—
<b>Nonmanufacturing industries</b> .....	<b>2 857</b>	<b>2 387</b>	<b>439</b>	<b>225</b>	<b>66</b>	<b>148</b>	<b>31</b>	<b>—</b>
Transportation, communications, and other public utilities.....	389	281	108	18	22	68	—	—
Wholesale and retail trade.....	1 258	1 235	18	4	4	10	5	—
All other industries.....	1 210	871	313	203	40	70	26	—
<b>Transport equipment operatives</b> .....	<b>23 620</b>	<b>19 907</b>	<b>3 180</b>	<b>922</b>	<b>521</b>	<b>1 737</b>	<b>533</b>	<b>—</b>
Bus drivers.....	1 301	365	933	90	171	672	3	—
Taxicab drivers and chauffeurs.....	1 179	941	75	46	5	24	163	—
Truck drivers and deliverymen.....	15 511	13 764	1 462	404	249	809	286	—
Other transport equipment operatives.....	5 629	4 837	710	382	96	232	82	—
<b>Laborers, except farm</b> .....	<b>42 339</b>	<b>35 535</b>	<b>5 916</b>	<b>1 431</b>	<b>885</b>	<b>3 600</b>	<b>847</b>	<b>41</b>
Construction laborers.....	8 489	7 479	1 001	111	296	594	—	9
Freight, stock, and material handlers.....	13 131	10 458	2 593	740	162	1 691	72	8
Other specified laborers.....	13 161	11 012	1 406	422	328	656	730	13
Miscellaneous and not specified laborers.....	7 558	6 586	916	158	99	659	45	11
Occupation:								
Miscellaneous laborers.....	2 675	2 263	397	38	20	339	15	—
Not specified laborers.....	4 883	4 323	519	120	79	320	30	11
<b>Industry:</b>								
<b>Manufacturing</b> .....	<b>3 246</b>	<b>3 202</b>	<b>37</b>	<b>6</b>	<b>4</b>	<b>27</b>	<b>7</b>	<b>—</b>
Durable goods.....	1 531	1 503	21	—	4	17	7	—
Wood products, including furniture.....	603	588	15	—	4	11	—	—
Metal industries.....	305	305	—	—	—	—	—	—
Machinery, including electrical.....	78	78	—	—	—	—	—	—
Transportation equipment.....	157	157	—	—	—	—	—	—
Other durable goods.....	388	375	6	—	—	6	7	—
Nondurable goods.....	1 692	1 676	16	6	—	10	—	—
Food and kindred products.....	499	499	—	—	—	—	—	—
Not specified manufacturing industries.....	23	23	—	—	—	—	—	—
<b>Nonmanufacturing industries</b> .....	<b>4 312</b>	<b>3 384</b>	<b>879</b>	<b>152</b>	<b>95</b>	<b>632</b>	<b>38</b>	<b>11</b>
Railroads and railway express service.....	714	663	51	22	12	17	—	—
Transportation, except railroads.....	215	178	37	7	6	24	—	—
Communications, and utilities and sanitary services.....	619	184	435	15	30	390	—	—
Wholesale and retail trade.....	1 039	1 022	8	4	4	—	9	—
All other industries.....	1 725	1 337	348	104	43	201	29	11
<b>Farmers and farm managers</b> .....	<b>2 800</b>	<b>216</b>	<b>5</b>	<b>5</b>	<b>—</b>	<b>—</b>	<b>2 575</b>	<b>4</b>
<b>Farm laborers and farm foremen</b> .....	<b>14 322</b>	<b>13 915</b>	<b>102</b>	<b>27</b>	<b>40</b>	<b>35</b>	<b>140</b>	<b>165</b>
Paid farm laborers and farm foremen.....	14 157	13 915	102	27	40	35	140	—
Unpaid family workers.....	165	—	—	—	—	—	—	165
<b>Service workers, except private household<sup>1</sup></b> .....	<b>28 054</b>	<b>19 168</b>	<b>8 335</b>	<b>1 937</b>	<b>2 235</b>	<b>4 163</b>	<b>529</b>	<b>22</b>
Cleaning service workers.....	15 014	10 264	4 627	1 052	1 165	2 410	118	5
Food service workers.....	5 294	4 223	969	350	338	281	85	17
Cooks, except private household.....	2 233	1 670	506	187	206	113	57	—
Busboys and dishwashers.....	927	792	133	30	27	76	8	4
Health service workers.....	1 859	843	1 016	235	467	314	—	—
Personal service workers.....	1 633	1 191	152	42	49	61	290	—
Protective service workers.....	1 482	488	994	94	98	802	—	—
Firemen, fire protection.....	273	30	243	6	5	232	—	—
Guards and watchmen.....	652	445	207	59	88	60	—	—
Policemen and detectives.....	512	4	508	29	5	474	—	—
<b>Private household workers</b> .....	<b>1 267</b>	<b>1 257</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>10</b>	<b>—</b>

<sup>1</sup>Includes allocated cases not shown separately.

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

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

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

THE STATE—Continued

Negro—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
<b>Female, 16 years old and over</b> .....	<b>180 442</b>	<b>142 507</b>	<b>34 921</b>	<b>7 455</b>	<b>8 569</b>	<b>18 897</b>	<b>2 717</b>	<b>297</b>
<b>Professional, technical, and kindred workers</b> .....	<b>17 121</b>	<b>4 127</b>	<b>12 878</b>	<b>1 098</b>	<b>3 043</b>	<b>8 737</b>	<b>111</b>	<b>5</b>
Accountants.....	199	103	96	91	—	5	—	—
Computer specialists.....	51	51	—	—	—	—	—	—
Librarians.....	439	101	338	16	119	203	—	—
Mathematical specialists.....	—	—	—	—	—	—	—	—
Life and physical scientists.....	41	19	22	8	—	14	—	—
Registered nurses, dietitians, and therapists.....	2 401	1 392	975	135	218	622	34	—
Dietitians.....	273	118	155	25	18	112	—	—
Registered nurses.....	2 074	1 233	807	110	196	501	34	—
Health technologists and technicians.....	404	272	132	51	31	50	—	—
Social scientists.....	12	—	12	—	—	8	—	—
Social and recreation workers.....	667	89	571	193	117	261	7	—
Teachers: College and university.....	356	171	185	11	133	41	—	—
Elementary and prekindergarten.....	7 948	956	6 970	241	1 637	5 092	22	—
Secondary.....	2 542	206	2 336	74	496	1 766	—	—
Other teachers.....	198	60	132	43	50	39	6	—
Engineering and science technicians.....	131	92	39	10	25	4	—	—
Technicians, except health, and engineering and science.....	24	11	8	4	4	—	—	5
Writers, artists, and entertainers.....	153	108	37	19	9	9	8	—
Actors and dancers.....	12	—	—	—	—	—	—	—
Authors, editors, and reporters.....	29	24	5	—	—	—	—	—
Other professional, technical, and kindred workers.....	1 555	496	1 025	198	204	623	34	—
<b>Managers and administrators, except farm</b> .....	<b>1 951</b>	<b>838</b>	<b>593</b>	<b>137</b>	<b>105</b>	<b>351</b>	<b>436</b>	<b>84</b>
Buyers, purchasing agents, and sales managers.....	55	41	5	5	—	—	9	—
Restaurant, cafeteria, and bar managers.....	533	186	133	—	20	113	182	32
School administrators.....	292	57	235	12	53	170	—	—
Other specified managers and administrators.....	399	164	168	99	22	47	60	7
Managers and administrators, n.e.c., salaried.....	442	390	52	21	10	21	—	—
Wholesale and retail trade.....	165	165	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed.....	230	—	—	—	—	—	185	45
Wholesale and retail trade.....	143	—	—	—	—	—	123	20
<b>Sales workers</b> .....	<b>3 179</b>	<b>2 868</b>	<b>159</b>	<b>98</b>	<b>22</b>	<b>39</b>	<b>115</b>	<b>37</b>
Demonstrators, hucksters, and peddlers.....	184	131	23	18	—	5	30	—
Insurance, real estate agents, and brokers.....	262	251	11	11	—	—	—	—
Sales clerks, retail trade.....	1 957	1 789	72	43	7	22	71	25
Salesmen, retail trade.....	89	89	—	—	—	—	—	—
Other sales workers.....	687	608	53	26	15	12	14	12
<b>Clerical and kindred workers</b> .....	<b>18 462</b>	<b>11 390</b>	<b>6 858</b>	<b>3 587</b>	<b>1 220</b>	<b>2 051</b>	<b>170</b>	<b>44</b>
Bank tellers.....	151	134	17	5	—	12	—	—
Bookkeepers.....	642	486	107	45	21	41	31	18
Cashiers.....	1 825	1 568	186	101	28	57	67	4
Counter clerks, except food.....	353	336	17	5	—	12	—	—
Enumerators and interviewers.....	148	21	127	—	—	—	—	—
File clerks.....	970	461	509	303	97	109	—	—
Office machine operators.....	722	471	246	174	37	35	5	—
Bookkeeping and billing machine operators.....	36	34	—	—	—	—	—	—
Keypunch operators.....	582	356	221	155	37	29	5	—
Payroll and timekeeping clerks.....	78	52	26	26	—	—	—	—
Receptionists.....	398	265	128	30	56	42	5	—
Secretaries.....	2 438	1 275	1 132	274	346	512	18	13
Stenographers.....	73	21	52	34	13	5	—	—
Telephone operators.....	1 384	1 280	99	23	19	57	5	—
Typists.....	1 565	781	779	438	176	165	5	—
Other clerical and kindred workers.....	7 715	4 239	3 433	2 002	427	1 004	34	9
<b>Craftsmen and kindred workers</b> .....	<b>2 236</b>	<b>1 883</b>	<b>274</b>	<b>137</b>	<b>45</b>	<b>92</b>	<b>74</b>	<b>5</b>
Foremen, n.e.c.....	336	295	33	29	4	—	8	—
<b>Operatives, except transport</b> .....	<b>35 350</b>	<b>33 916</b>	<b>1 237</b>	<b>635</b>	<b>243</b>	<b>359</b>	<b>192</b>	<b>5</b>
Assemblers.....	1 050	1 031	19	15	—	4	—	—
Bottling and canning operatives.....	109	105	4	—	—	4	—	—
Checkers, examiners, and inspectors, manufacturing.....	1 434	1 431	3	—	—	3	—	—
Dressmakers and seamstresses, except factory.....	377	234	28	23	5	—	115	—
Laundry and drycleaning operatives, including ironers.....	5 672	5 221	436	197	137	102	15	—
Graders and sorters, manufacturing.....	368	363	5	—	5	—	—	—
Packers and wrappers, except produce.....	2 873	2 634	235	198	4	33	4	—
Sewers and stitchers.....	7 581	7 504	67	18	—	49	10	—
Textile operatives.....	4 020	3 978	42	—	—	42	—	—
Other specified operatives.....	5 397	5 148	211	84	40	87	38	—
Miscellaneous and not specified operatives.....	6 469	6 267	187	100	52	35	10	5
Manufacturing.....	5 402	5 326	71	34	31	6	5	—
Durable goods.....	1 878	1 847	31	19	6	6	—	—
Machinery, including electrical.....	158	158	—	—	—	—	—	—
Other durable goods.....	1 720	1 689	31	19	6	6	—	—
Nondurable goods, including not specified manufacturing.....	3 524	3 479	40	15	25	—	5	—
Food and kindred products.....	1 878	1 860	13	—	13	—	5	—
Apparel and other fabricated textile products.....	769	765	4	—	4	—	—	—
Nonmanufacturing industries.....	1 067	941	116	66	21	29	5	5
Transport equipment operatives.....	840	617	208	12	20	176	15	—
<b>Laborers, except farm</b> .....	<b>3 635</b>	<b>3 297</b>	<b>278</b>	<b>109</b>	<b>37</b>	<b>132</b>	<b>40</b>	<b>20</b>
Farmers and farm managers.....	178	31	—	—	—	—	147	—
Farm laborers and farm foremen.....	3 818	3 746	12	—	12	—	5	55
Paid farm laborers and farm foremen.....	3 763	3 746	12	—	12	—	5	—
Unpaid family workers.....	55	—	—	—	—	—	—	55
<b>Service workers, except private household<sup>1</sup></b> .....	<b>43 953</b>	<b>30 237</b>	<b>12 391</b>	<b>1 635</b>	<b>3 809</b>	<b>6 947</b>	<b>1 283</b>	<b>42</b>
Cleaning service workers.....	12 170	9 419	2 734	420	910	1 404	17	—
Chambermaids and maids.....	5 369	4 418	951	64	341	546	—	—
Food service workers.....	16 953	11 841	4 969	652	1 304	3 013	105	38
Cooks, except private household.....	10 314	6 751	3 447	326	752	2 369	88	28
Waiters and food counter workers.....	2 938	2 504	407	130	162	115	17	10
Health service workers.....	7 616	4 546	2 980	298	1 220	1 462	90	—
Nursing aides, orderlies, and attendants.....	5 066	3 093	1 961	170	928	863	12	—
Practical nurses.....	1 626	885	667	75	197	395	74	—
Personal service workers.....	3 268	1 784	566	119	143	304	914	4
Hairdressers and cosmetologists.....	1 433	697	15	—	5	10	721	—
<b>Private household workers</b> .....	<b>49 719</b>	<b>49 557</b>	<b>33</b>	<b>7</b>	<b>13</b>	<b>13</b>	<b>129</b>	<b>—</b>
Private household workers, living in.....	403	403	—	—	—	—	—	—
Private household workers, living out.....	49 316	49 154	33	7	13	13	129	—

<sup>1</sup>Includes protective service workers and allocated cases not shown separately.

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

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

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

THE STATE—Continued

**Persons of Spanish Language**

**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		
<b>Male, 16 years old and over</b>	<b>5 772</b>	<b>4 355</b>	<b>1 020</b>	<b>423</b>	<b>398</b>	<b>199</b>	<b>397</b>	—
<b>Professional, technical, and kindred workers</b>	<b>1 397</b>	<b>773</b>	<b>498</b>	<b>170</b>	<b>249</b>	<b>79</b>	<b>126</b>	—
Accountants	79	72	7	—	7	—	—	—
Architects	40	29	—	—	—	—	11	—
Computer specialists	30	15	15	8	—	7	—	—
Engineers	265	216	49	25	17	7	—	—
Aeronautical and astronautical	55	49	6	6	—	—	—	—
Civil	47	21	26	13	6	7	—	—
Electrical and electronic	42	42	—	—	—	—	—	—
Mechanical	33	27	6	6	—	—	—	—
Other engineers	88	77	11	—	11	—	—	—
Lawyers and judges	19	12	—	—	—	—	7	—
Life and physical scientists	15	—	15	8	—	7	—	—
Chemists	—	—	—	—	—	—	—	—
Physicians, dentists, and related practitioners	204	27	90	29	61	—	87	—
Dentists	20	—	6	6	—	—	14	—
Pharmacists	—	—	—	—	—	—	—	—
Physicians, medical and osteopathic	166	14	79	18	61	—	73	—
Other related practitioners	18	13	5	5	—	—	—	—
Health technologists and technicians	19	6	13	6	—	7	—	—
Religious workers	58	58	—	—	—	—	—	—
Social scientists	28	28	—	—	—	—	—	—
Social and recreation workers	6	—	6	6	—	—	—	—
Teachers	233	30	203	29	133	41	—	—
College and university	150	17	133	5	128	—	—	—
Elementary and prekindergarten	23	6	17	—	5	12	—	—
Secondary	35	—	35	6	—	29	—	—
Engineering and science technicians	114	93	21	14	7	—	—	—
Draftsmen and surveyors	73	65	8	8	—	—	—	—
Electrical and electronic engineering technicians	20	7	13	6	7	—	—	—
Technicians, except health, and engineering and science	62	36	26	26	—	—	—	—
Airplane pilots	42	36	6	6	—	—	—	—
Writers, artists, and entertainers	110	86	10	—	—	10	14	—
Other professional, technical, and kindred workers	115	65	43	19	24	—	7	—
<b>Managers and administrators, except farm</b>	<b>937</b>	<b>733</b>	<b>103</b>	<b>39</b>	<b>53</b>	<b>11</b>	<b>101</b>	—
Buyers, purchasing agents, and sales managers	124	124	—	—	—	—	—	—
School administrators	30	7	23	—	23	6	—	—
Specified managers and administrators, public administration	32	—	32	20	6	6	—	—
Other specified managers and administrators	180	142	18	13	—	5	20	—
Managers and administrators, n.e.c., salaried	490	460	30	6	24	—	—	—
Manufacturing	96	96	—	—	—	—	—	—
Wholesale and retail trade	181	175	6	6	—	—	—	—
Transportation, communications and other public utilities	31	31	—	—	—	—	—	—
All other industries	182	158	24	—	24	—	—	—
Managers and administrators, n.e.c., self-employed	81	—	—	—	—	—	81	—
Construction	7	—	—	—	—	—	7	—
Manufacturing	—	—	—	—	—	—	—	—
Wholesale and retail trade	48	—	—	—	—	—	48	—
All other industries	26	—	—	—	—	—	26	—
<b>Sales workers</b>	<b>460</b>	<b>440</b>	—	—	—	—	<b>20</b>	—
Insurance agents, brokers, and underwriters	59	55	—	—	—	—	4	—
Real estate agents and brokers	30	21	—	—	—	—	9	—
Sales representatives, manufacturing industries	117	117	—	—	—	—	—	—
Sales representatives, wholesale trade	84	84	—	—	—	—	—	—
Sales clerks, retail trade	107	107	—	—	—	—	—	—
Salesmen, retail trade	20	20	—	—	—	—	—	—
Salesmen of services and construction	8	8	—	—	—	—	—	—
Other sales workers	35	28	—	—	—	—	7	—
<b>Clerical and kindred workers</b>	<b>572</b>	<b>458</b>	<b>114</b>	<b>71</b>	<b>26</b>	<b>17</b>	—	—
Bank tellers and cashiers	35	35	—	—	—	—	—	—
Bookkeepers and billing clerks	40	29	11	5	6	—	—	—
Mail handlers and postal clerks	26	19	7	7	—	—	—	—
Other clerical and kindred workers	471	375	96	59	20	17	—	—
<b>Craftsmen and kindred workers</b>	<b>933</b>	<b>742</b>	<b>101</b>	<b>71</b>	<b>20</b>	<b>10</b>	<b>90</b>	—
Apparel craftsmen and upholsterers	—	—	—	—	—	—	—	—
Bakers	15	15	—	—	—	—	—	—
Cabinetmakers	26	26	—	—	—	—	—	—
Construction craftsmen	169	129	19	8	11	—	21	—
Carpenters	28	20	—	—	—	—	8	—
Excavating, grading, and road machine operators	—	—	—	—	—	—	—	—
Electricians	39	25	14	8	6	—	—	—
Masons and tile setters	7	7	—	—	—	—	—	—
Painters, construction and maintenance, and paperhangers	48	48	—	—	—	—	—	—
Plasterers and cement finishers	—	—	—	—	—	—	—	—
Plumbers and pipe fitters	15	15	—	—	—	—	—	—
Other construction craftsmen	32	14	5	—	5	—	13	—
Foremen, n.e.c.	176	176	—	—	—	—	—	—
Manufacturing	78	78	—	—	—	—	—	—
Nonmanufacturing industries	98	98	—	—	—	—	—	—
Linemen and servicemen, telephone and power	20	13	7	7	—	—	—	—
Locomotive engineers and firemen	8	8	—	—	—	—	—	—
Mechanics and repairmen	297	210	56	46	—	10	31	—
Air conditioning, heating, and refrigeration	17	12	—	—	—	—	5	—
Aircraft	86	62	24	24	—	—	—	—
Automobile, including body	65	51	8	8	—	—	6	—
Radio and television	13	13	—	—	—	—	—	—
Other mechanics and repairmen	116	72	24	14	—	10	20	—
Metal craftsmen, except mechanics	48	38	10	10	—	—	—	—
Machinists and job and die setters	26	26	—	—	—	—	—	—
Sheetmetal workers and tinsmiths	22	12	10	10	—	—	—	—
Tool and die makers	—	—	—	—	—	—	—	—
Other metal craftsmen	—	—	—	—	—	—	—	—
Printing craftsmen	19	19	—	—	—	—	—	—
Compositors and typesetters	14	14	—	—	—	—	—	—
Pressmen and plate printers, printing	5	5	—	—	—	—	—	—
Stationary engineers and power station operators	11	7	4	—	4	—	—	—
Other craftsmen and kindred workers	144	101	5	—	5	—	38	—

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		
<b>Operatives, except transport</b> .....	<b>551</b>	<b>526</b>	<b>25</b>	<b>19</b>		<b>6</b>		
Assemblers.....	86	80	6	6				
Checkers, examiners, and inspectors; manufacturing.....	6	6						
Garage workers and gas station attendants.....	59	59						
Laundry and drycleaning operatives, n.e.c.....								
Meat cutters and butchers.....	34	21	13	13				
Mine operatives, n.e.c.....								
Packers and wrappers, except produce.....	13	13						
Painters, manufactured articles.....								
Precision machine operatives.....								
Sawyers.....	8	8						
Stationary firemen.....	6	6						
Textile operatives.....	32	32						
Welders and flamecutters.....	61	61						
Other metalworking operatives.....								
Other specified operatives.....	95	95						
Miscellaneous and not specified operatives.....	151	145	6			6		
Occupation:								
Machine operatives, miscellaneous specified.....	45	45						
Machine operatives, not specified.....	45	45						
Miscellaneous operatives.....	50	44	6			6		
Not specified operatives.....	11	11						
<b>Industry:</b>								
<b>Manufacturing</b> .....	<b>116</b>	<b>116</b>						
Durable goods.....	58	58						
Wood products, including furniture.....	13	13						
Primary metal industries.....								
Fabricated metal industries.....								
Machinery, including electrical.....	11	11						
Motor vehicles and equipment.....	7	7						
Transportation equipment, except motor vehicles.....	15	15						
Other durable goods.....	12	12						
Nondurable goods.....	58	58						
Food and kindred products.....								
Apparel and other fabricated textile products.....	4	4						
Paper and allied products.....	14	14						
Chemicals and allied products.....	32	32						
Other nondurable goods.....	8	8						
Not specified manufacturing industries.....								
Nonmanufacturing industries.....	35	29	6			6		
Transportation, communications, and other public utilities.....	6	6	6			6		
Wholesale and retail trade.....	6	6						
All other industries.....	23	23						
<b>Transport equipment operatives</b> .....	<b>216</b>	<b>195</b>	<b>21</b>	<b>7</b>	<b>10</b>	<b>4</b>		
Bus drivers.....	17	7	10		10			
Taxicab drivers and chauffeurs.....	8	4	4			4		
Truck drivers and deliverymen.....	144	144						
Other transport equipment operatives.....	47	40	7	7				
<b>Laborers, except farm</b> .....	<b>211</b>	<b>179</b>	<b>25</b>		<b>7</b>	<b>18</b>	<b>7</b>	
Construction laborers.....	21	21						
Freight, stock, and material handlers.....	84	68	9			9	7	
Other specified laborers.....	49	33	16		7	9		
Miscellaneous and not specified laborers.....	57	57						
Occupation:								
Miscellaneous laborers.....	9	9						
Not specified laborers.....	48	48						
<b>Industry:</b>								
<b>Manufacturing</b> .....	<b>21</b>	<b>21</b>						
Durable goods.....								
Wood products, including furniture.....								
Metal industries.....								
Machinery, including electrical.....								
Transportation equipment.....								
Other durable goods.....								
Nondurable goods.....	21	21						
Food and kindred products.....								
Not specified manufacturing industries.....								
Nonmanufacturing industries.....	36	36						
Railroads and railway express service.....								
Transportation, except railroads.....								
Communications, and utilities and sanitary services.....								
Wholesale and retail trade.....	21	21						
All other industries.....	15	15						
<b>Farmers and farm managers</b> .....	<b>23</b>						<b>23</b>	
<b>Farm laborers and farm foremen</b> .....	<b>67</b>	<b>67</b>						
Paid farm laborers and farm foremen.....	67	67						
Unpaid family workers.....								
<b>Service workers, except private household<sup>1</sup></b> .....	<b>405</b>	<b>242</b>	<b>133</b>	<b>46</b>	<b>33</b>	<b>54</b>	<b>30</b>	
Cleaning service workers.....	59	31	15	7	4	4	13	
Food service workers.....	140	109	31	16	7	8		
Cooks, except private household.....	72	48	24	16		8		
Busboys and dishwashers.....	7	7						
Health service workers.....	15	7	8		8			
Personal service workers.....	68	44	13	5	8		11	
Protective service workers.....	105	45	60	12	6	42		
Firemen, fire protection.....	8	8	8			8		
Guards and watchmen.....	64	39	25	12	6	7		
Policemen and detectives.....	33	6	27			27		
<b>Private household workers</b> .....								

<sup>1</sup>Includes allocated cases not shown separately.

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

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

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

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		
<b>Female, 16 years old and over</b> .....	<b>3 432</b>	<b>2 682</b>	<b>672</b>	<b>164</b>	<b>217</b>	<b>291</b>	<b>84</b>	<b>14</b>
<b>Professional, technical, and kindred workers</b> .....	<b>790</b>	<b>346</b>	<b>414</b>	<b>31</b>	<b>146</b>	<b>237</b>	<b>30</b>	—
Accountants.....	42	32	10	10	—	—	—	—
Computer specialists.....	10	10	—	—	—	—	—	—
Librarians.....	—	—	—	—	—	—	—	—
Mathematical specialists.....	—	—	—	—	—	—	—	—
Life and physical scientists.....	6	—	6	—	6	—	—	—
Registered nurses, dietitians, and therapists.....	123	94	29	—	5	24	—	—
Dietitians.....	6	—	—	—	—	—	—	—
Registered nurses.....	117	88	29	—	5	24	—	—
Health technologists and technicians.....	50	14	36	10	12	14	—	—
Social scientists.....	6	—	—	—	—	—	—	—
Social and recreation workers.....	54	7	47	6	41	—	—	—
Teachers: College and university.....	51	33	18	—	13	5	—	—
Elementary and prekindergarten.....	154	25	129	—	37	92	—	—
Secondary.....	108	12	96	—	15	81	—	—
Other teachers.....	26	6	6	—	—	6	—	14
Engineering and science technicians.....	42	36	6	—	6	—	—	—
Technicians, except health, and engineering and science.....	6	6	—	—	—	—	—	—
Writers, artists, and entertainers.....	69	53	—	—	—	—	—	16
Actors and dancers.....	8	8	—	—	—	—	—	—
Authors, editors, and reporters.....	11	11	—	—	—	—	—	—
Other professional, technical, and kindred workers.....	43	12	31	5	11	15	—	—
<b>Managers and administrators, except farm</b> .....	<b>133</b>	<b>96</b>	<b>23</b>	<b>23</b>	—	—	<b>14</b>	—
Buyers, purchasing agents, and sales managers.....	29	21	8	8	—	—	—	—
Restaurant, cafeteria, and bar managers.....	32	18	—	—	—	—	14	—
School administrators.....	—	—	—	—	—	—	—	—
Other specified managers and administrators.....	26	26	—	—	—	—	—	—
Managers and administrators, n.e.c., salaried.....	46	31	15	15	—	—	—	—
Wholesale and retail trade.....	5	5	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed.....	—	—	—	—	—	—	—	—
Wholesale and retail trade.....	—	—	—	—	—	—	—	—
<b>Sales workers</b> .....	<b>305</b>	<b>280</b>	<b>6</b>	<b>6</b>	—	—	<b>19</b>	—
Demonstrators, hucksters, and peddlers.....	7	7	—	—	—	—	—	—
Insurance, real estate agents, and brokers.....	14	14	—	—	—	—	—	—
Sales clerks, retail trade.....	232	207	6	6	—	—	19	—
Salesmen, retail trade.....	—	—	—	—	—	—	—	—
Other sales workers.....	52	52	—	—	—	—	—	—
<b>Clerical and kindred workers</b> .....	<b>1 272</b>	<b>1 083</b>	<b>175</b>	<b>85</b>	<b>63</b>	<b>27</b>	<b>6</b>	<b>8</b>
Bank tellers.....	5	5	—	—	—	—	—	—
Bookkeepers.....	154	146	—	—	—	—	—	8
Cashiers.....	91	77	14	7	—	7	—	—
Counter clerks, except food.....	26	26	—	—	—	—	—	—
Enumerators and interviewers.....	—	—	—	—	—	—	—	—
File clerks.....	44	36	8	—	8	—	—	—
Office machine operators.....	53	37	16	7	9	—	—	—
Bookkeeping and billing machine operators.....	—	—	—	—	—	—	—	—
Keypunch operators.....	46	30	16	7	9	—	—	—
Payroll and timekeeping clerks.....	17	17	—	—	—	—	—	—
Receptionists.....	12	12	—	—	—	—	—	—
Secretaries.....	359	311	42	16	20	6	6	—
Stenographers.....	—	—	—	—	—	—	—	—
Telephone operators.....	67	61	6	—	6	—	—	—
Typists.....	135	102	33	27	—	6	—	—
Other clerical and kindred workers.....	309	253	56	28	20	8	—	—
<b>Craftsmen and kindred workers</b> .....	<b>43</b>	<b>43</b>	—	—	—	—	—	—
Foremen, n.e.c.....	31	31	—	—	—	—	—	—
<b>Operatives, except transport</b> .....	<b>395</b>	<b>379</b>	<b>9</b>	<b>9</b>	—	—	<b>7</b>	—
Assemblers.....	28	28	—	—	—	—	—	—
Bottling and canning operatives.....	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing.....	30	30	—	—	—	—	—	—
Dressmakers and seamstresses, except factory.....	32	32	—	—	—	—	—	—
Laundry and drycleaning operatives, including ironers.....	24	24	—	—	—	—	—	—
Graders and sorters, manufacturing.....	—	—	—	—	—	—	—	—
Packers and wrappers, except produce.....	37	28	9	9	—	—	—	—
Sewers and stitchers.....	113	113	—	—	—	—	—	—
Textile operatives.....	30	30	—	—	—	—	—	—
Other specified operatives.....	46	39	—	—	—	—	7	—
Miscellaneous and not specified operatives.....	55	55	—	—	—	—	—	—
Manufacturing.....	36	36	—	—	—	—	—	—
Durable goods.....	11	11	—	—	—	—	—	—
Machinery, including electrical.....	—	—	—	—	—	—	—	—
Other durable goods.....	11	11	—	—	—	—	—	—
Nondurable goods, including not specified manufacturing.....	25	25	—	—	—	—	—	—
Food and kindred products.....	12	12	—	—	—	—	—	—
Apparel and other fabricated textile products.....	5	5	—	—	—	—	—	—
Nonmanufacturing industries.....	19	19	—	—	—	—	—	—
<b>Transport equipment operatives</b> .....	<b>11</b>	<b>11</b>	—	—	—	—	—	—
<b>Laborers, except farm</b> .....	<b>15</b>	<b>15</b>	—	—	—	—	—	—
<b>Formers and farm managers</b> .....	—	—	—	—	—	—	—	—
Farm laborers and farm foremen.....	9	9	—	—	—	—	—	—
Paid farm laborers and farm foremen.....	9	9	—	—	—	—	—	—
Unpaid family workers.....	—	—	—	—	—	—	—	—
<b>Service workers, except private household<sup>1</sup></b> .....	<b>423</b>	<b>364</b>	<b>45</b>	<b>10</b>	<b>8</b>	<b>27</b>	<b>8</b>	<b>6</b>
Cleaning service workers.....	41	27	14	—	—	14	—	—
Chambermaids and maids.....	16	10	6	—	—	6	—	—
Food service workers.....	196	190	6	—	—	6	—	—
Cooks, except private household.....	18	12	6	—	—	6	—	—
Waiters and food counter workers.....	172	172	—	—	—	—	—	—
Health service workers.....	55	44	11	3	8	—	—	—
Nursing aides, orderlies, and attendants.....	40	29	11	3	8	—	—	—
Practical nurses.....	10	10	—	—	—	—	—	—
Personal service workers.....	99	84	7	7	—	—	—	8
Hairdressers and cosmetologists.....	52	44	—	—	—	—	—	8
<b>Private household workers</b> .....	<b>36</b>	<b>36</b>	—	—	—	—	—	—
Private household workers, living in.....	6	6	—	—	—	—	—	—
Private household workers, living out.....	30	30	—	—	—	—	—	—

<sup>1</sup>Includes protective service workers and allocated cases not shown separately.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
<b>ATLANTA SMSA</b>								
<b>Total</b>								
<b>Male, 16 years old and over</b>	<b>351 458</b>	<b>282 115</b>	<b>44 975</b>	<b>18 844</b>	<b>8 372</b>	<b>17 759</b>	<b>24 057</b>	<b>311</b>
<b>Professional, technical, and kindred workers</b>	<b>54 748</b>	<b>35 633</b>	<b>13 572</b>	<b>4 740</b>	<b>4 485</b>	<b>4 347</b>	<b>5 543</b>	<b>—</b>
Accountants	5 632	3 999	1 171	768	288	115	462	—
Architects	728	450	74	43	20	11	204	—
Computer specialists	1 899	1 603	292	137	104	51	4	—
Engineers	11 123	9 354	1 515	809	521	185	254	—
Aeronautical and astronautical	2 059	1 994	65	65	—	—	—	—
Civil	1 898	1 127	720	304	310	106	71	—
Electrical and electronic	2 329	2 114	204	129	66	9	11	—
Mechanical	976	846	86	53	19	14	44	—
Other engineers	3 861	3 273	440	258	126	56	148	—
Lawyers and judges	2 194	610	397	196	104	97	1 187	—
Life and physical scientists	891	396	475	299	160	16	20	—
Chemists	439	291	143	78	60	5	5	—
Physicians, dentists, and related practitioners	3 614	1 096	441	185	57	199	2 077	—
Dentists	619	39	13	8	—	5	567	—
Pharmacists	629	504	27	10	5	12	98	—
Physicians, medical and osteopathic	2 012	445	365	131	52	182	1 202	—
Other related practitioners	354	108	36	36	—	—	210	—
Health technologists and technicians	636	358	245	116	51	78	33	—
Religious workers	1 861	1 572	51	7	25	19	238	—
Social scientists	868	647	202	98	46	58	19	—
Social and recreation workers	691	227	459	119	105	235	5	—
Teachers	5 981	1 700	4 186	111	1 544	2 531	95	—
College and university	2 171	892	1 279	28	1 154	97	—	—
Elementary and prekindergarten	805	122	683	26	115	542	—	—
Secondary	2 395	302	2 093	28	231	1 834	—	—
Engineering and science technicians	4 502	3 554	863	343	346	174	85	—
Draftsmen and surveyors	2 282	1 884	327	87	146	94	71	—
Electrical and electronic engineering technicians	961	773	183	158	9	16	5	—
Technicians, except health, and engineering and science	3 010	2 215	778	684	54	40	17	—
Airplane pilots	1 681	1 614	59	50	9	—	8	—
Writers, artists, and entertainers	4 110	3 173	369	131	149	89	568	—
Other professional, technical, and kindred workers	7 008	4 679	2 054	694	911	449	275	—
<b>Managers and administrators, except farm</b>	<b>50 968</b>	<b>40 737</b>	<b>4 607</b>	<b>2 253</b>	<b>785</b>	<b>1 569</b>	<b>5 560</b>	<b>64</b>
Buyers, purchasing agents, and sales managers	8 440	8 087	179	110	53	16	163	11
School administrators	913	235	652	—	74	578	26	—
Specified managers and administrators, public administration	2 579	4	2 575	1 737	263	575	—	—
Other specified managers and administrators	9 020	7 643	534	238	145	151	827	16
Managers and administrators, n.e.c., salaried	25 435	24 768	667	168	250	249	—	—
Manufacturing	5 303	5 259	44	29	5	10	—	—
Wholesale and retail trade	8 769	8 722	47	31	5	11	—	—
Transportation, communications and other public utilities	2 501	2 414	87	5	—	82	—	—
All other industries	8 862	8 373	489	103	240	146	—	—
Managers and administrators, n.e.c., self-employed	4 581	—	—	—	—	—	4 544	37
Construction	1 302	—	—	—	—	—	1 302	—
Manufacturing	227	—	—	—	—	—	227	—
Wholesale and retail trade	2 043	—	—	—	—	—	2 021	22
All other industries	1 009	—	—	—	—	—	994	15
<b>Sales workers</b>	<b>35 428</b>	<b>31 942</b>	<b>270</b>	<b>161</b>	<b>41</b>	<b>68</b>	<b>3 174</b>	<b>42</b>
Insurance agents, brokers, and underwriters	4 325	3 984	23	11	7	5	318	—
Real estate agents and brokers	2 158	1 630	20	6	—	14	508	—
Sales representatives, manufacturing industries	5 516	5 303	20	15	—	5	193	—
Sales representatives, wholesale trade	8 248	7 551	4	4	—	—	683	10
Sales clerks, retail trade	6 771	6 175	14	5	—	9	560	22
Salesmen, retail trade	3 120	2 716	5	5	—	—	399	—
Salesmen of services and construction	2 067	1 904	44	8	24	12	109	10
Other sales workers	3 223	2 679	140	107	10	23	404	—
<b>Clerical and kindred workers</b>	<b>35 797</b>	<b>27 615</b>	<b>7 724</b>	<b>5 922</b>	<b>833</b>	<b>969</b>	<b>423</b>	<b>35</b>
Bank tellers and cashiers	1 178	1 123	39	12	4	23	16	—
Bookkeepers and billing clerks	2 322	1 955	247	131	80	36	115	5
Mail handlers and postal clerks	4 408	725	3 677	3 594	49	34	—	6
Other clerical and kindred workers	27 889	23 812	3 761	2 185	700	876	292	24
<b>Craftsmen and kindred workers</b>	<b>71 154</b>	<b>60 092</b>	<b>5 024</b>	<b>2 125</b>	<b>575</b>	<b>2 324</b>	<b>5 989</b>	<b>49</b>
Apparel craftsmen and upholsterers	596	453	28	17	7	4	115	—
Bakers	541	512	20	6	4	10	9	—
Cabinetmakers	589	453	20	11	—	9	116	—
Construction craftsmen	18 716	14 611	1 087	335	127	625	3 013	5
Carpenters	4 620	3 626	184	73	20	91	810	—
Excavating, grading, and road machine operators	1 335	1 055	147	11	15	121	133	—
Electricians	3 238	2 907	201	74	23	104	125	5
Masons and tile setters	2 249	1 719	59	11	13	35	471	—
Painters, construction and maintenance, and paperhangers	3 030	1 879	282	90	38	154	869	—
Plasterers and cement finishers	831	646	42	4	9	29	143	—
Plumbers and pipe fitters	2 145	1 782	135	47	9	79	228	—
Other construction craftsmen	1 268	997	37	25	—	12	234	—
Foremen, n.e.c.	10 103	9 169	783	345	77	361	141	10
Manufacturing	4 373	4 240	119	103	5	11	14	—
Nonmanufacturing industries	5 730	4 929	664	242	72	350	127	10
Linemen and servicemen, telephone and power	3 262	3 173	83	27	—	56	6	—
Locomotive engineers and firemen	442	427	15	—	5	10	—	—
Mechanics and repairmen	20 331	17 562	1 588	848	169	571	1 162	19
Air conditioning, heating, and refrigeration	1 363	1 132	134	58	38	38	97	—
Aircraft	4 265	3 812	435	366	40	29	18	—
Automobile, including body	7 267	6 336	340	137	26	177	580	11
Radio and television	967	766	65	37	12	16	136	—
Other mechanics and repairmen	6 469	5 516	614	250	53	311	331	8
Metal craftsmen, except mechanics	3 904	3 582	207	152	21	34	106	9
Machinists and job and die setters	1 607	1 492	83	52	15	16	32	—
Sheetmetal workers and tinsmiths	1 031	911	68	54	6	8	43	9
Tool and die makers	707	647	40	40	—	—	20	—
Other metal craftsmen	559	532	16	6	—	10	11	—
Printing craftsmen	2 887	2 686	129	44	38	47	72	—
Compositors and typesetters	1 023	918	48	20	24	4	57	—
Pressmen and plate printers, printing	1 473	1 383	75	24	14	37	15	—
Stationary engineers and power station operators	839	517	322	23	31	268	—	—
Other craftsmen and kindred workers	8 944	6 947	742	317	96	329	1 249	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

ATLANTA 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		
<b>Operatives, except transport</b> .....	<b>34 833</b>	<b>32 092</b>	<b>1 960</b>	<b>1 191</b>	<b>207</b>	<b>562</b>	<b>742</b>	<b>39</b>
Assemblers .....	5 922	5 528	379	308	26	45	9	6
Checkers, examiners, and inspectors; manufacturing .....	1 717	1 631	86	65	5	16	—	—
Garage workers and gas station attendants .....	2 878	2 693	31	5	—	26	139	15
Laundry and drycleaning operatives, n.e.c. ....	338	280	17	—	6	11	41	—
Meat cutters and butchers .....	1 021	968	14	14	—	—	39	—
Mine operatives, n.e.c. ....	75	71	—	—	—	—	4	—
Packers and wrappers, except produce .....	1 399	1 295	99	84	—	15	5	—
Painters, manufactured articles .....	706	663	24	19	—	5	19	—
Precision machine operatives .....	560	499	52	47	5	—	9	—
Sawyers .....	265	234	23	23	—	—	8	—
Stationary firemen .....	296	180	116	25	10	81	—	—
Textile operatives .....	691	669	17	8	—	9	5	—
Welders and flamecutters .....	2 255	2 068	113	56	9	48	74	—
Other metalworking operatives .....	846	772	49	39	—	10	25	—
Other specified operatives .....	6 373	5 746	339	190	73	76	281	7
Miscellaneous and not specified operatives .....	9 491	8 795	601	308	73	220	84	11
Occupation:								
Machine operatives, miscellaneous specified .....	3 318	3 114	176	102	16	58	28	—
Machine operatives, not specified .....	2 021	1 897	124	48	26	50	—	—
Miscellaneous operatives .....	3 032	2 762	213	90	20	103	46	31
Not specified operatives .....	1 120	1 022	88	68	11	9	10	—
Industry:								
Manufacturing .....	6 635	6 354	271	156	33	82	10	—
Durable goods .....	3 732	3 513	209	151	17	41	10	—
Wood products, including furniture .....	305	300	—	—	—	—	5	—
Primary metal industries .....	403	388	15	4	6	5	—	—
Fabricated metal industries .....	377	377	—	—	—	—	—	—
Machinery, including electrical .....	517	511	6	—	—	6	—	—
Motor vehicles and equipment .....	535	528	7	—	—	—	—	—
Transportation equipment, except motor vehicles .....	895	731	164	147	6	11	—	—
Other durable goods .....	700	678	17	—	5	12	5	—
Nondurable goods .....	2 866	2 804	62	5	16	41	—	—
Food and kindred products .....	847	826	21	—	10	11	—	—
Apparel and other fabricated textile products .....	95	95	—	—	—	—	—	—
Paper and allied products .....	921	902	19	—	—	19	—	—
Chemicals and allied products .....	290	285	5	—	—	5	—	—
Other nondurable goods .....	713	696	17	5	6	6	—	—
Not specified manufacturing industries .....	37	37	—	—	—	—	—	—
Nonmanufacturing industries .....	2 856	2 441	330	152	40	138	74	11
Transportation, communications, and other public utilities .....	817	749	68	9	10	49	—	—
Wholesale and retail trade .....	858	818	10	4	—	6	19	11
All other industries .....	1 181	874	252	139	30	83	55	—
Transport equipment operatives .....	21 417	19 068	1 681	487	163	1 031	668	—
Bus drivers .....	1 170	898	266	10	33	223	6	—
Taxicab drivers and chauffeurs .....	1 130	1 021	32	13	—	19	77	—
Truck drivers and deliverymen .....	14 358	12 869	982	221	99	662	507	—
Other transport equipment operatives .....	4 759	4 280	401	243	31	127	78	—
Laborers, except farm .....	21 663	18 344	2 709	869	277	1 563	576	34
Construction laborers .....	4 174	3 792	367	49	47	271	5	10
Freight, stock, and material handlers .....	9 833	8 554	1 205	521	81	603	64	10
Other specified laborers .....	5 451	4 223	762	250	96	416	457	9
Miscellaneous and not specified laborers .....	2 205	1 775	375	49	53	273	50	5
Occupation:								
Miscellaneous laborers .....	560	406	133	5	17	111	21	—
Not specified laborers .....	1 645	1 369	242	44	36	162	29	5
Industry:								
Manufacturing .....	681	672	4	—	4	—	5	—
Durable goods .....	372	368	4	—	4	—	—	—
Wood products, including furniture .....	47	43	4	—	4	—	—	—
Metal industries .....	151	151	—	—	—	—	—	—
Machinery, including electrical .....	58	58	—	—	—	—	—	—
Transportation equipment .....	57	57	—	—	—	—	—	—
Other durable goods .....	59	59	—	—	—	—	—	—
Nondurable goods .....	304	299	—	—	—	—	5	—
Food and kindred products .....	162	162	—	—	—	—	—	—
Not specified manufacturing industries .....	5	5	—	—	—	—	—	—
Nonmanufacturing industries .....	1 524	1 103	371	49	49	273	45	5
Railroads and railway express service .....	121	114	7	—	7	—	—	—
Transportation, except railroads .....	153	119	34	7	6	21	—	—
Communications, and utilities and sanitary services .....	261	84	177	5	14	158	—	—
Wholesale and retail trade .....	412	386	13	4	4	5	13	—
All other industries .....	577	400	140	33	18	89	32	5
Farmers and farm managers .....	622	104	6	—	—	6	512	—
Farm laborers and farm foremen .....	855	799	12	—	12	—	24	20
Paid farm laborers and farm foremen .....	835	799	12	—	12	—	24	—
Unpaid family workers .....	20	—	—	—	—	—	—	20
Service workers, except private household <sup>1</sup> .....	23 611	15 327	7 410	1 096	994	5 320	846	28
Cleaning service workers .....	7 464	5 402	1 920	267	362	1 291	137	5
Food service workers .....	4 622	4 259	284	82	69	133	67	12
Cooks, except private household .....	1 887	1 679	159	38	47	74	49	—
Busboys and dishwashers .....	835	768	55	16	10	29	8	4
Health service workers .....	644	429	215	89	49	77	—	—
Personal service workers .....	2 511	1 658	269	44	153	72	577	7
Protective service workers .....	5 930	1 685	4 240	529	220	3 491	5	—
Firemen, fire protection .....	1 496	45	1 451	66	—	1 385	—	—
Guards and watchmen .....	2 181	1 545	636	288	136	212	—	—
Policemen and detectives .....	1 979	95	1 879	170	84	1 625	5	—
Private household workers .....	362	362	—	—	—	—	—	—

<sup>1</sup>Includes allocated cases not shown separately.

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

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

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

ATLANTA SMSA—Continued

Total—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
<b>Female, 16 years old and over</b> .....	<b>236 250</b>	<b>183 660</b>	<b>45 576</b>	<b>13 403</b>	<b>8 566</b>	<b>23 607</b>	<b>5 774</b>	<b>1 240</b>
<b>Professional, technical, and kindred workers</b> .....	<b>37 801</b>	<b>16 368</b>	<b>20 047</b>	<b>2 805</b>	<b>3 169</b>	<b>14 073</b>	<b>1 316</b>	<b>70</b>
Accountants.....	3 153	1 768	1 310	1 142	86	82	60	15
Computer specialists.....	592	457	129	61	33	35	6	—
Librarians.....	812	156	650	27	128	495	6	—
Mathematical specialists.....	142	100	42	21	21	—	—	—
Life and physical scientists.....	323	122	196	140	22	34	5	—
Registered nurses, dietitians, and therapists.....	5 593	3 850	1 511	220	289	1 002	221	11
Dietitians.....	338	163	175	20	9	146	—	—
Registered nurses.....	4 952	3 539	1 201	189	196	816	201	11
Health technologists and technicians.....	1 641	1 195	541	176	89	176	5	—
Social scientists.....	185	117	57	15	16	26	11	—
Social and recreation workers.....	1 106	238	861	151	284	426	7	—
Teachers: College and university.....	893	481	412	11	310	91	—	—
Elementary and prekindergarten.....	10 751	2 294	8 384	109	912	7 363	73	—
Secondary.....	3 775	230	3 545	13	353	3 179	—	—
Other teachers.....	956	379	154	18	39	97	423	—
Engineering and science technicians.....	646	480	161	77	74	10	5	—
Technicians, except health, and engineering and science.....	127	41	81	47	10	24	—	5
Writers, artists, and entertainers.....	1 875	1 522	136	67	29	40	189	28
Actors and dancers.....	82	72	10	5	5	—	—	—
Authors, editors, and reporters.....	372	313	33	14	14	5	26	—
Other professional, technical, and kindred workers.....	5 231	2 938	1 977	510	474	993	305	11
<b>Managers and administrators, except farm</b> .....	<b>8 691</b>	<b>6 215</b>	<b>1 410</b>	<b>532</b>	<b>238</b>	<b>640</b>	<b>956</b>	<b>118</b>
Buyers, purchasing agents, and sales managers.....	1 228	1 092	95	48	27	20	41	—
Restaurant, cafeteria, and bar managers.....	803	384	234	—	26	208	155	30
School administrators.....	444	166	253	6	38	209	25	—
Other specified managers and administrators.....	2 399	1 552	670	424	87	159	160	17
Managers and administrators, n.e.c., salaried.....	3 179	3 021	158	54	60	44	—	—
Wholesale and retail trade.....	1 178	1 167	11	6	5	—	—	—
Managers and administrators, n.e.c., self-employed.....	638	—	—	—	—	—	575	63
Wholesale and retail trade.....	341	—	—	—	—	—	306	35
<b>Sales workers</b> .....	<b>17 708</b>	<b>16 698</b>	<b>198</b>	<b>105</b>	<b>21</b>	<b>72</b>	<b>638</b>	<b>174</b>
Demonstrators, hucksters, and peddlers.....	766	658	16	6	—	10	92	—
Insurance, real estate agents, and brokers.....	1 947	1 832	21	11	—	10	83	11
Sales clerks, retail trade.....	11 375	10 900	67	35	9	23	303	105
Salesmen, retail trade.....	466	424	6	—	—	6	22	14
Other sales workers.....	3 154	2 884	88	53	12	23	138	44
<b>Clerical and kindred workers</b> .....	<b>99 220</b>	<b>80 549</b>	<b>17 219</b>	<b>9 002</b>	<b>3 792</b>	<b>4 425</b>	<b>742</b>	<b>710</b>
Bank tellers.....	1 511	1 476	35	20	6	9	—	—
Bookkeepers.....	10 116	8 795	898	394	224	280	160	263
Cashiers.....	5 875	5 345	363	93	53	217	80	87
Counter clerks, except food.....	1 861	1 806	25	13	6	6	15	15
Enumerators and interviewers.....	295	160	104	101	—	3	31	—
File clerks.....	3 412	2 470	915	519	238	158	12	15
Office machine operators.....	4 898	3 868	1 026	614	284	128	4	—
Bookkeeping and billing machine operators.....	442	394	48	31	11	6	—	—
Keypunch operators.....	3 473	2 627	842	519	222	101	4	—
Payroll and timekeeping clerks.....	1 047	885	157	110	20	27	—	5
Receptionists.....	2 190	1 878	272	74	95	103	11	—
Secretaries.....	26 617	22 178	4 099	1 665	1 186	1 248	154	286
Stenographers.....	1 354	803	546	320	158	68	5	—
Telephone operators.....	3 536	3 281	250	65	64	121	5	—
Typists.....	8 334	6 065	2 206	1 149	530	527	47	16
Other clerical and kindred workers.....	28 174	21 539	6 323	3 865	928	1 530	218	94
<b>Craftsman and kindred workers</b> .....	<b>4 060</b>	<b>3 640</b>	<b>224</b>	<b>77</b>	<b>28</b>	<b>119</b>	<b>183</b>	<b>13</b>
Foremen, n.e.c.....	999	907	84	36	9	39	8	—
<b>Operatives, except transport</b> .....	<b>21 291</b>	<b>20 243</b>	<b>682</b>	<b>347</b>	<b>172</b>	<b>163</b>	<b>335</b>	<b>31</b>
Assemblers.....	1 253	1 199	46	41	—	5	8	—
Bottling and canning operatives.....	63	63	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing.....	1 574	1 558	16	12	4	—	—	—
Dressmakers and seamstresses, except factory.....	746	505	5	—	5	—	231	5
Laundry and drycleaning operatives, including ironers.....	2 127	2 021	85	30	36	19	12	9
Graders and sorters, manufacturing.....	62	62	—	—	—	—	—	—
Packers and wrappers, except produce.....	2 883	2 735	144	106	13	25	4	—
Sewers and slitchers.....	3 639	3 593	32	5	5	22	10	4
Textile operatives.....	1 162	1 148	14	14	—	—	—	—
Other specified operatives.....	3 950	3 696	185	67	43	75	61	8
Miscellaneous and not specified operatives.....	3 832	3 663	155	72	66	17	9	5
Manufacturing.....	3 000	2 914	86	41	33	12	—	—
Durable goods.....	1 083	1 030	53	29	22	2	—	—
Machinery, including electrical.....	166	156	10	10	—	—	—	—
Other durable goods.....	917	874	43	19	22	2	—	—
Nondurable goods, including not specified manufacturing.....	1 917	1 884	33	12	11	10	—	—
Food and kindred products.....	442	429	13	6	7	—	—	—
Apparel and other fabricated textile products.....	300	296	4	—	4	—	—	—
Nonmanufacturing industries.....	832	749	69	31	33	5	9	5
<b>Transport equipment operatives</b> .....	<b>1 115</b>	<b>591</b>	<b>504</b>	<b>15</b>	<b>61</b>	<b>428</b>	<b>28</b>	<b>—</b>
<b>Laborers, except farm</b> .....	<b>2 484</b>	<b>2 303</b>	<b>139</b>	<b>48</b>	<b>17</b>	<b>74</b>	<b>28</b>	<b>14</b>
Farmers and farm managers.....	88	22	—	—	—	—	66	—
Farm laborers and farm foremen.....	261	227	—	—	—	—	—	34
Paid farm laborers and farm foremen.....	227	227	—	—	—	—	—	—
Unpaid family workers.....	34	—	—	—	—	—	—	34
<b>Service workers, except private household<sup>1</sup></b> .....	<b>30 753</b>	<b>24 051</b>	<b>5 143</b>	<b>472</b>	<b>1 063</b>	<b>3 608</b>	<b>1 475</b>	<b>84</b>
Cleaning service workers.....	4 266	3 541	687	53	185	449	32	6
Chambermaids and maids.....	1 801	1 546	245	14	54	177	10	—
Food service workers.....	11 086	8 882	2 083	121	352	1 610	86	35
Cooks, except private household.....	3 661	2 160	1 416	54	189	1 173	60	25
Waiters and food counter workers.....	5 456	5 197	244	27	55	162	11	4
Health service workers.....	4 903	3 796	1 020	144	273	603	83	4
Nursing aides, orderlies, and attendants.....	2 335	1 810	512	86	164	262	13	—
Practical nurses.....	1 107	785	248	33	76	139	70	4
Personal service workers.....	6 827	5 295	420	77	112	231	1 089	23
Hairdressers and cosmetologists.....	3 021	2 169	9	—	—	9	833	10
<b>Private household workers</b> .....	<b>12 778</b>	<b>12 753</b>	<b>10</b>	<b>—</b>	<b>5</b>	<b>5</b>	<b>15</b>	<b>—</b>
Private household workers, living in.....	379	—	—	—	—	—	—	—
Private household workers, living out.....	12 399	12 374	10	—	5	5	15	—

<sup>1</sup>Includes protective service workers and allocated cases not shown separately.

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

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

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

**ATLANTA SMSA—Continued**

**Negro**

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
<b>Male, 16 years old and over</b> .....	<b>62 826</b>	<b>49 000</b>	<b>11 584</b>	<b>4 906</b>	<b>1 324</b>	<b>5 354</b>	<b>2 196</b>	<b>46</b>
<b>Professional, technical, and kindred workers</b> .....	<b>3 193</b>	<b>1 371</b>	<b>1 626</b>	<b>349</b>	<b>274</b>	<b>1 003</b>	<b>196</b>	<b>-</b>
Accountants .....	117	75	42	27	-	15	-	-
Architects .....	22	7	9	9	-	-	6	-
Computer specialists .....	44	38	6	-	-	6	-	-
Engineers .....	155	93	62	32	-	30	-	-
Aeronautical and astronautical .....	36	31	5	5	-	-	-	-
Civil .....	35	15	20	10	-	10	-	-
Electrical and electronic .....	26	21	5	-	-	5	-	-
Mechanical .....	28	11	17	17	-	-	-	-
Other engineers .....	30	15	15	-	-	15	-	-
Lawyers and judges .....	32	19	5	-	-	5	8	-
Life and physical scientists .....	19	5	14	14	-	-	-	-
Chemists .....	15	5	10	10	-	-	-	-
Physicians, dentists, and related practitioners .....	137	35	38	10	15	13	64	-
Dentists .....	15	-	-	-	-	-	15	-
Pharmacists .....	38	21	10	10	-	-	7	-
Physicians, medical and osteopathic .....	84	14	28	-	15	13	42	-
Other related practitioners .....	-	-	-	-	-	-	-	-
Health technologists and technicians .....	108	40	68	48	-	20	-	-
Religious workers .....	178	128	6	-	-	6	44	-
Social scientists .....	22	10	6	6	-	10	6	-
<b>Social and recreation workers</b> .....	<b>177</b>	<b>58</b>	<b>119</b>	<b>31</b>	<b>-</b>	<b>88</b>	<b>-</b>	<b>-</b>
Teachers .....	1 046	191	855	39	162	654	-	-
College and university .....	184	143	41	17	24	-	-	-
Elementary and prekindergarten .....	294	10	284	9	50	225	-	-
Secondary .....	527	33	494	6	83	405	-	-
Engineering and science technicians .....	175	123	52	42	-	10	-	-
Draftsmen and surveyors .....	71	57	14	9	-	5	-	-
Electrical and electronic engineering technicians .....	29	19	10	10	-	-	-	-
Technicians, except health, and engineering and science .....	52	29	23	23	-	-	-	-
Airplane pilots .....	-	-	-	-	-	-	-	-
Writers, artists, and entertainers .....	235	176	32	-	6	26	27	-
Other professional, technical, and kindred workers .....	674	344	289	68	91	130	41	-
<b>Managers and administrators, except farm</b> .....	<b>2 050</b>	<b>1 193</b>	<b>407</b>	<b>151</b>	<b>22</b>	<b>234</b>	<b>450</b>	<b>-</b>
Buyers, purchasing agents, and sales managers .....	97	92	5	-	-	5	-	-
School administrators .....	187	58	117	-	-	117	12	-
Specified managers and administrators, public administration .....	175	-	175	128	12	35	-	-
Other specified managers and administrators .....	687	441	58	15	-	43	188	-
Managers and administrators, n.e.c., salaried .....	654	602	52	8	10	34	-	-
Manufacturing .....	104	99	5	-	-	5	-	-
Wholesale and retail trade .....	275	275	-	-	-	-	-	-
Transportation, communications and other public utilities .....	17	17	-	-	-	-	-	-
All other industries .....	258	211	47	8	10	29	-	-
Managers and administrators, n.e.c., self-employed .....	250	-	-	-	-	-	250	-
Construction .....	70	-	-	-	-	-	70	-
Manufacturing .....	-	-	-	-	-	-	-	-
Wholesale and retail trade .....	123	-	-	-	-	-	123	-
All other industries .....	57	-	-	-	-	-	57	-
<b>Sales workers</b> .....	<b>1 261</b>	<b>1 143</b>	<b>31</b>	<b>13</b>	<b>-</b>	<b>18</b>	<b>87</b>	<b>-</b>
Insurance agents, brokers, and underwriters .....	130	130	-	-	-	-	-	-
Real estate agents and brokers .....	101	51	9	-	-	9	41	-
Sales representatives, manufacturing industries .....	66	66	-	-	-	-	-	-
Sales representatives, wholesale trade .....	122	118	4	4	-	-	-	-
Sales clerks, retail trade .....	457	436	8	4	-	4	13	-
Salesmen, retail trade .....	101	97	-	-	-	-	4	-
Salesmen of services and construction .....	74	68	-	-	-	-	6	-
Other sales workers .....	210	177	10	5	-	5	23	-
<b>Clerical and kindred workers</b> .....	<b>7 387</b>	<b>4 950</b>	<b>2 389</b>	<b>2 079</b>	<b>96</b>	<b>214</b>	<b>48</b>	<b>-</b>
Bank tellers and cashiers .....	167	151	16	7	4	5	-	-
Bookkeepers and billing clerks .....	139	125	14	10	-	4	-	-
Mail handlers and postal clerks .....	1 937	298	1 639	1 609	8	22	-	-
Other clerical and kindred workers .....	5 144	4 376	720	453	84	183	48	-
<b>Craftsmen and kindred workers</b> .....	<b>9 093</b>	<b>7 121</b>	<b>1 264</b>	<b>488</b>	<b>169</b>	<b>607</b>	<b>708</b>	<b>-</b>
Apparel craftsmen and upholsterers .....	128	111	13	6	7	-	4	-
Bakers .....	281	261	20	6	4	10	-	-
Cabinetmakers .....	56	46	4	-	-	4	6	-
Construction craftsmen .....	3 433	2 681	307	81	31	195	445	-
Carpenters .....	342	268	26	12	-	14	48	-
Excavating, grading, and road machine operators .....	288	250	16	4	-	12	22	-
Electricians .....	134	114	20	5	9	6	-	-
Masons and tile setters .....	958	799	27	11	8	8	132	-
Painters, construction and maintenance, and paperhangers .....	590	360	141	40	5	96	89	-
Plasterers and cement finishers .....	711	558	42	4	9	29	111	-
Plumbers and pipe fitters .....	173	135	25	-	-	25	13	-
Other construction craftsmen .....	237	197	10	5	-	5	30	-
Foremen, n.e.c. .....	550	456	94	57	5	32	-	-
Manufacturing .....	188	186	2	2	-	-	-	-
Nonmanufacturing industries .....	362	270	92	55	5	32	-	-
Linemen and servicemen, telephone and power .....	168	148	20	15	-	5	-	-
Locomotive engineers and firemen .....	31	21	10	-	5	5	-	-
Mechanics and repairmen .....	2 042	1 554	425	187	60	178	63	-
Air conditioning, heating, and refrigeration .....	90	53	33	16	-	17	4	-
Aircraft .....	295	197	98	62	17	19	-	-
Automobile, including body .....	977	841	96	36	16	44	40	-
Radio and television .....	58	53	-	-	-	5	5	-
Other mechanics and repairmen .....	622	410	198	73	27	98	14	-
Metal craftsmen, except mechanics .....	248	224	24	9	5	10	-	-
Machinists and job and die setters .....	158	134	24	9	5	10	-	-
Sheetmetal workers and tinsmiths .....	18	18	-	-	-	-	-	-
Tool and die makers .....	6	6	-	-	-	-	-	-
Other metal craftsmen .....	66	66	-	-	-	-	-	-
Printing craftsmen .....	306	248	58	22	21	15	-	-
Compositors and typesetters .....	141	118	23	13	10	-	-	-
Pressmen and plate printers, printing .....	154	119	35	9	11	15	-	-
Stationary engineers and power station operators .....	56	23	33	-	5	28	-	-
Other craftsmen and kindred workers .....	1 794	1 348	256	105	26	125	190	-

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

ATLANTA 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		
<b>Operatives, except transport</b> .....	<b>10 442</b>	<b>9 565</b>	<b>788</b>	<b>451</b>	<b>100</b>	<b>237</b>	<b>77</b>	<b>12</b>
Assemblers.....	1 741	1 645	90	49	10	31	—	6
Checkers, examiners, and inspectors, manufacturing.....	370	358	12	6	—	6	—	—
Garage workers and gas station attendants.....	534	509	11	—	—	11	—	6
Laundry and drycleaning operatives, n.e.c.....	210	191	13	—	6	7	—	—
Meat cutters and butchers.....	169	161	8	—	—	—	—	—
Mine operatives, n.e.c.....	23	23	—	—	—	—	—	—
Packers and wrappers, except produce.....	721	641	80	65	—	15	—	—
Painters, manufactured articles.....	171	171	—	—	—	—	—	—
Precision machine operatives.....	109	86	23	18	5	—	—	—
Sawyers.....	63	59	4	4	—	—	—	—
Stationary firemen.....	59	31	28	3	5	20	—	—
Textile operatives.....	171	159	12	8	—	4	—	—
Welders and flamecutters.....	498	475	23	14	4	5	—	—
Other metalworking operatives.....	254	219	35	25	—	10	—	—
Other specified operatives.....	2 224	2 011	166	104	37	25	47	—
Miscellaneous and not specified operatives.....	3 125	2 826	283	147	33	103	16	—
Occupation:								
Machine operatives, miscellaneous specified.....	1 151	1 065	81	42	6	33	5	—
Machine operatives, not specified.....	917	850	67	28	16	23	—	—
Miscellaneous operatives.....	745	635	99	52	—	47	11	—
Not specified operatives.....	312	276	36	25	11	—	—	—
Industry:								
Manufacturing.....	2 244	2 119	120	54	23	43	5	—
Durable goods.....	1 151	1 057	89	54	12	23	5	—
Wood products, including furniture.....	153	153	—	—	—	—	—	—
Primary metal industries.....	218	203	15	4	6	5	—	—
Fabricated metal industries.....	83	83	—	—	—	—	—	—
Machinery, including electrical.....	91	85	6	—	—	6	—	—
Motor vehicles and equipment.....	149	149	—	—	—	—	—	—
Transportation equipment, except motor vehicles.....	200	144	56	50	6	—	—	—
Other durable goods.....	257	240	12	—	—	12	5	—
Nondurable goods.....	1 073	1 042	31	—	11	20	—	—
Food and kindred products.....	356	345	11	—	5	6	—	—
Apparel and other fabricated textile products.....	10	10	—	—	—	—	—	—
Paper and allied products.....	420	406	14	—	—	14	—	—
Chemicals and allied products.....	117	117	—	—	—	—	—	—
Other nondurable goods.....	170	164	6	—	6	—	—	—
Not specified manufacturing industries.....	20	20	—	—	—	—	—	—
Nonmanufacturing industries.....	881	707	163	93	10	60	11	—
Transportation, communications, and other public utilities.....	107	80	27	—	10	17	—	—
Wholesale and retail trade.....	395	385	10	4	—	6	—	—
All other industries.....	379	242	126	89	—	37	11	—
Transport equipment operatives.....	7 839	6 860	825	306	72	447	154	—
Bus drivers.....	234	152	82	6	10	66	—	—
Taxicab drivers and chauffeurs.....	573	490	24	9	—	15	59	—
Truck drivers and deliverymen.....	4 847	4 318	455	116	56	283	74	—
Other transport equipment operatives.....	2 185	1 900	264	175	6	83	21	—
<b>Laborers, except farm</b> .....	<b>10 345</b>	<b>8 258</b>	<b>1 893</b>	<b>658</b>	<b>186</b>	<b>1 049</b>	<b>181</b>	<b>13</b>
Construction laborers.....	2 378	2 116	257	49	32	176	—	5
Freight, stock, and material handlers.....	3 579	2 703	864	366	41	457	12	—
Other specified laborers.....	3 117	2 445	526	203	77	246	143	3
Miscellaneous and not specified laborers.....	1 271	994	246	40	36	170	26	5
Occupation:								
Miscellaneous laborers.....	300	229	63	5	7	51	8	—
Not specified laborers.....	971	765	183	35	29	119	18	5
Industry:								
Manufacturing.....	394	390	4	—	4	—	—	—
Durable goods.....	198	194	4	—	4	—	—	—
Wood products, including furniture.....	31	27	4	—	4	—	—	—
Metal industries.....	98	98	—	—	—	—	—	—
Machinery, including electrical.....	16	16	—	—	—	—	—	—
Transportation equipment.....	26	26	—	—	—	—	—	—
Other durable goods.....	27	27	—	—	—	—	—	—
Nondurable goods.....	196	196	—	—	—	—	—	—
Food and kindred products.....	105	105	—	—	—	—	—	—
Not specified manufacturing industries.....	—	—	—	—	—	—	—	—
Nonmanufacturing industries.....	877	604	242	40	32	170	26	5
Railroads and railway express service.....	111	104	7	—	7	—	—	—
Transportation, except railroads.....	93	64	29	7	6	16	—	—
Communications, and utilities and sanitary services.....	158	51	107	5	10	92	—	—
Wholesale and retail trade.....	237	223	8	4	4	—	6	—
All other industries.....	278	162	91	24	5	62	20	5
<b>Farmers and farm managers</b> .....	<b>108</b>	<b>15</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>93</b>	<b>—</b>
<b>Farm laborers and farm foremen</b> .....	<b>390</b>	<b>382</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>4</b>	<b>4</b>
Paid farm laborers and farm foremen.....	386	382	—	—	—	—	4	—
Unpaid family workers.....	4	—	—	—	—	—	—	4
<b>Service workers, except private household<sup>1</sup></b> .....	<b>10 376</b>	<b>7 800</b>	<b>2 361</b>	<b>411</b>	<b>405</b>	<b>1 545</b>	<b>198</b>	<b>17</b>
Cleaning service workers.....	5 072	3 769	1 234	183	247	804	64	5
Food service workers.....	2 164	1 899	216	59	57	100	37	12
Cooks, except private household.....	899	754	121	28	35	58	24	—
Busboys and dishwashers.....	443	386	45	11	10	24	8	4
Health service workers.....	320	220	100	53	9	38	—	—
Personal service workers.....	618	493	40	21	7	12	85	—
Protective service workers.....	705	210	495	58	8	429	—	—
Firemen, fire protection.....	176	9	167	—	—	167	—	—
Guards and watchmen.....	292	201	91	42	8	41	—	—
Policemen and detectives.....	232	—	232	16	—	216	—	—
<b>Private household workers</b> .....	<b>342</b>	<b>342</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>

<sup>1</sup>Includes allocated cases not shown separately.

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

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

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

**ATLANTA SMSA—Continued**

**Negro—Continued**

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
<b>Female, 16 years old and over</b> .....	<b>57 374</b>	<b>44 069</b>	<b>12 400</b>	<b>3 604</b>	<b>1 910</b>	<b>6 886</b>	<b>847</b>	<b>58</b>
<b>Professional, technical, and kindred workers</b> .....	<b>6 532</b>	<b>1 839</b>	<b>4 626</b>	<b>496</b>	<b>565</b>	<b>3 565</b>	<b>62</b>	<b>5</b>
Accountants .....	177	89	88	83	—	5	—	—
Computer specialists .....	51	51	—	—	—	—	—	—
Librarians .....	169	44	125	6	21	98	—	—
Mathematical specialists .....	—	—	—	—	—	—	—	—
Life and physical scientists .....	29	14	15	8	—	7	—	—
Registered nurses, dietitians, and therapists .....	1 011	579	406	55	41	310	26	—
Dietitians .....	132	54	78	10	—	68	—	—
Registered nurses .....	848	499	323	45	41	237	26	—
Health technologists and technicians .....	219	151	68	38	18	12	—	—
Social scientists .....	8	—	8	4	—	4	—	—
Social and recreation workers .....	347	46	294	80	54	160	7	—
Teachers: College and university .....	192	142	50	6	27	17	—	—
Elementary and prekindergarten .....	2 437	223	2 210	60	243	1 907	4	—
Secondary .....	762	34	728	8	83	637	—	—
Other teachers .....	97	46	51	18	14	19	—	—
Engineering and science technicians .....	71	61	10	—	10	—	—	—
Technicians, except health, and engineering and science .....	18	5	8	4	4	—	—	5
Writers, artists, and entertainers .....	90	74	16	11	—	5	—	—
Actors and dancers .....	12	12	—	—	—	—	—	—
Authors, editors, and reporters .....	17	17	—	—	—	—	—	—
Other professional, technical, and kindred workers .....	854	280	549	115	50	384	25	—
<b>Managers and administrators, except farm</b> .....	<b>749</b>	<b>400</b>	<b>234</b>	<b>44</b>	<b>15</b>	<b>175</b>	<b>100</b>	<b>15</b>
Buyers, purchasing agents, and sales managers .....	36	33	—	—	—	—	3	—
Restaurant, cafeteria, and bar managers .....	160	55	61	—	4	57	38	6
School administrators .....	116	24	92	—	5	87	—	—
Other specified managers and administrators .....	185	105	60	44	6	10	20	—
Managers and administrators, n.e.c., salaried .....	204	183	21	—	—	21	—	—
Wholesale and retail trade .....	84	84	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed .....	48	—	—	—	—	—	39	9
Wholesale and retail trade .....	29	—	—	—	—	—	24	5
<b>Sales workers</b> .....	<b>1 536</b>	<b>1 468</b>	<b>44</b>	<b>21</b>	<b>—</b>	<b>23</b>	<b>12</b>	<b>12</b>
Demonstrators, hucksters, and peddlers .....	53	38	11	6	—	5	4	—
Insurance, real estate agents, and brokers .....	115	104	11	11	—	—	—	—
Sales clerks, retail trade .....	937	922	11	—	—	11	4	—
Salesmen, retail trade .....	47	47	—	—	—	—	4	—
Other sales workers .....	384	357	11	4	—	7	4	12
<b>Clerical and kindred workers</b> .....	<b>11 733</b>	<b>7 726</b>	<b>3 925</b>	<b>2 494</b>	<b>452</b>	<b>979</b>	<b>65</b>	<b>17</b>
Bank tellers .....	97	87	10	5	—	5	—	—
Bookkeepers .....	390	323	41	18	10	13	26	4
Cashiers .....	939	867	60	21	14	25	8	—
Counter clerks, except food .....	210	204	6	—	—	6	—	—
Enumerators and interviewers .....	33	16	17	—	—	—	—	—
File clerks .....	762	416	346	241	35	70	—	—
Office machine operators .....	611	415	196	124	37	35	—	—
Bookkeeping and billing machine operators .....	30	30	—	—	—	—	—	—
Keypunch operators .....	500	320	180	114	37	29	—	—
Payroll and timekeeping clerks .....	43	37	6	6	—	—	—	—
Receptionists .....	268	189	79	17	38	24	—	—
Secretaries .....	1 291	834	432	172	67	193	12	13
Stenographers .....	45	12	33	19	9	5	—	—
Telephone operators .....	889	813	71	23	6	42	5	—
Typists .....	1 102	650	447	283	61	103	5	—
Other clerical and kindred workers .....	5 053	2 863	2 181	1 548	175	458	9	—
<b>Craftsmen and kindred workers</b> .....	<b>849</b>	<b>742</b>	<b>60</b>	<b>16</b>	<b>4</b>	<b>40</b>	<b>47</b>	<b>—</b>
Foremen, n.e.c. .....	132	113	11	7	4	—	8	—
<b>Operatives, except transport</b> .....	<b>8 133</b>	<b>7 736</b>	<b>346</b>	<b>166</b>	<b>93</b>	<b>87</b>	<b>46</b>	<b>5</b>
Assemblers .....	436	426	10	10	—	—	—	—
Bottling and canning operatives .....	42	42	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing .....	394	394	—	—	—	—	—	—
Dressmakers and seamstresses, except factory .....	135	101	5	—	5	—	29	—
Laundry and drycleaning operatives, including ironers .....	1 804	1 713	85	30	36	19	6	—
Graders and sorters, manufacturing .....	41	41	—	—	—	—	—	—
Packers and wrappers, except produce .....	1 080	979	101	77	4	20	—	—
Sewers and stitchers .....	929	922	7	—	—	7	—	—
Textile operatives .....	346	346	—	—	—	—	—	—
Other specified operatives .....	1 554	1 461	82	24	24	34	11	—
Miscellaneous and not specified operatives .....	1 372	1 311	56	25	24	7	—	5
Manufacturing .....	1 035	1 005	30	15	13	2	—	—
Durable goods .....	456	439	17	9	6	2	—	—
Machinery, including electrical .....	52	52	—	—	—	—	—	—
Other durable goods .....	404	387	17	9	6	2	—	—
Nondurable goods, including not specified manufacturing .....	579	566	13	6	7	—	—	—
Food and kindred products .....	153	146	7	—	7	—	—	—
Apparel and other fabricated textile products .....	119	119	—	—	—	—	—	—
Nonmanufacturing industries .....	337	306	26	10	11	5	—	5
Transport equipment operatives .....	262	212	45	—	10	35	5	—
<b>Laborers, except farm</b> .....	<b>1 264</b>	<b>1 166</b>	<b>98</b>	<b>37</b>	<b>5</b>	<b>56</b>	<b>—</b>	<b>—</b>
Farmers and farm managers .....	22	15	—	—	—	—	7	—
Farm laborers and farm foremen .....	123	123	—	—	—	—	—	—
Paid farm laborers and farm foremen .....	123	123	—	—	—	—	—	—
Unpaid family workers .....	—	—	—	—	—	—	—	—
<b>Service workers, except private household<sup>1</sup></b> .....	<b>14 500</b>	<b>10 991</b>	<b>3 012</b>	<b>330</b>	<b>761</b>	<b>1 921</b>	<b>493</b>	<b>4</b>
Cleaning service workers .....	3 774	3 149	613	40	185	388	12	—
Chambermaids and maids .....	1 582	1 364	218	3	54	161	—	—
Food service workers .....	5 028	3 882	1 119	106	238	775	27	—
Cooks, except private household .....	2 439	1 593	814	44	122	653	—	—
Waiters and food counter workers .....	1 265	1 158	107	22	40	45	—	—
Health service workers .....	2 336	1 663	638	91	213	334	35	—
Nursing aides, orderlies, and attendants .....	1 327	991	329	58	138	133	7	—
Practical nurses .....	618	397	193	28	57	108	28	—
Personal service workers .....	1 473	956	206	35	43	128	307	4
Hairdressers and cosmetologists .....	617	364	6	—	—	6	247	—
<b>Private household workers</b> .....	<b>11 671</b>	<b>11 651</b>	<b>10</b>	<b>—</b>	<b>5</b>	<b>5</b>	<b>10</b>	<b>—</b>
Private household workers, living in .....	245	245	—	—	—	—	—	—
Private household workers, living out .....	11 426	11 406	10	—	5	5	10	—

<sup>1</sup>Includes protective service workers and allocated cases not shown separately.

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

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

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

**AUGUSTA, GA.—S.C., SMSA**

**Total**

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
<b>Male, 16 years old and over</b> .....	<b>49 799</b>	<b>38 509</b>	<b>7 427</b>	<b>3 248</b>	<b>1 781</b>	<b>2 398</b>	<b>3 809</b>	<b>54</b>
<b>Professional, technical, and kindred workers</b> .....	<b>6 390</b>	<b>3 654</b>	<b>2 124</b>	<b>805</b>	<b>831</b>	<b>488</b>	<b>612</b>	—
Accountants .....	353	258	54	34	15	5	41	—
Architects .....	27	11	—	—	—	—	16	—
Computer specialists .....	116	116	—	—	—	—	—	—
Engineers .....	918	798	103	73	20	10	17	—
Aeronautical and astronautical .....	—	—	—	—	—	—	—	—
Civil .....	113	87	15	5	5	5	11	—
Electrical and electronic .....	142	126	16	10	6	—	—	—
Mechanical .....	125	120	5	5	—	—	—	—
Other engineers .....	538	465	67	53	9	5	6	—
Lawyers and judges .....	217	62	37	11	7	19	118	—
Life and physical scientists .....	345	311	30	20	10	—	4	—
Chemists .....	248	235	13	13	—	—	—	—
Physicians, dentists, and related practitioners .....	684	172	273	72	187	14	239	—
Dentists .....	91	7	20	10	10	—	64	—
Pharmacists .....	97	80	4	4	—	—	13	—
Physicians, medical and osteopathic .....	470	73	244	53	177	14	153	—
Other related practitioners .....	26	12	5	5	—	—	9	—
Health technologists and technicians .....	142	37	105	53	35	17	—	—
Religious workers .....	282	214	16	11	—	5	52	—
Social scientists .....	36	11	25	4	15	6	—	—
Social and recreation workers .....	79	5	74	15	32	27	—	—
Teachers .....	913	128	785	146	318	321	—	—
College and university .....	268	64	204	5	199	—	—	—
Elementary and prekindergarten .....	155	20	135	6	38	91	—	—
Secondary .....	284	19	265	—	59	206	—	—
Engineering and science technicians .....	696	551	133	119	9	5	12	—
Draftsmen and surveyors .....	161	127	22	13	4	5	12	—
Electrical and electronic engineering technicians .....	82	50	32	32	—	—	—	—
Technicians, except health, and engineering and science .....	130	84	40	30	6	4	6	—
Airplane pilots .....	38	32	—	—	8	7	6	—
Writers, artists, and entertainers .....	509	372	59	44	—	7	78	—
Other professional, technical, and kindred workers .....	943	524	390	173	169	48	29	—
<b>Managers and administrators, except farm</b> .....	<b>5 298</b>	<b>3 644</b>	<b>652</b>	<b>328</b>	<b>112</b>	<b>212</b>	<b>1 002</b>	—
Buyers, purchasing agents, and sales managers .....	571	493	40	33	—	7	38	—
School administrators .....	125	15	96	—	16	80	14	—
Specified managers and administrators, public administration .....	319	—	319	222	36	61	—	—
Other specified managers and administrators .....	970	746	97	47	29	21	127	—
Managers and administrators, n.e.c., salaried .....	2 490	2 390	100	26	31	43	—	—
Manufacturing .....	657	651	6	6	—	—	—	—
Wholesale and retail trade .....	1 014	987	27	16	5	6	—	—
Transportation, communications and other public utilities .....	195	178	17	—	—	17	—	—
All other industries .....	624	574	50	4	26	20	—	—
Managers and administrators, n.e.c., self-employed .....	823	—	—	—	—	—	823	—
Construction .....	147	—	—	—	—	—	147	—
Manufacturing .....	40	—	—	—	—	—	40	—
Wholesale and retail trade .....	450	—	—	—	—	—	450	—
All other industries .....	186	—	—	—	—	—	186	—
<b>Sales workers</b> .....	<b>3 483</b>	<b>3 105</b>	<b>24</b>	<b>17</b>	—	<b>7</b>	<b>347</b>	<b>7</b>
Insurance agents, brokers, and underwriters .....	528	497	6	6	—	—	25	—
Real estate agents and brokers .....	220	172	—	—	—	—	48	—
Sales representatives, manufacturing industries .....	286	276	—	—	—	—	10	—
Sales representatives, wholesale trade .....	576	560	—	—	—	—	16	—
Sales clerks, retail trade .....	831	740	—	—	—	—	91	—
Salesmen, retail trade .....	470	412	—	—	—	—	58	—
Salesmen of services and construction .....	104	85	12	5	—	7	—	7
Other sales workers .....	468	363	6	6	—	—	99	—
<b>Clerical and kindred workers</b> .....	<b>3 384</b>	<b>2 431</b>	<b>884</b>	<b>647</b>	<b>102</b>	<b>135</b>	<b>69</b>	—
Bank tellers and cashiers .....	145	132	4	—	—	4	9	—
Bookkeepers and billing clerks .....	252	201	46	5	18	23	5	—
Mail handlers and postal clerks .....	379	35	344	344	—	—	—	—
Other clerical and kindred workers .....	2 608	2 063	490	298	84	108	55	—
<b>Craftsmen and kindred workers</b> .....	<b>11 666</b>	<b>9 848</b>	<b>873</b>	<b>442</b>	<b>202</b>	<b>229</b>	<b>941</b>	<b>4</b>
Apparel craftsmen and upholsterers .....	56	45	—	—	—	—	11	—
Bakers .....	62	58	4	4	—	—	—	—
Cabinetmakers .....	64	38	—	—	—	—	26	—
Construction craftsmen .....	3 336	2 616	268	98	85	85	452	—
Carpenters .....	918	736	69	33	12	24	113	—
Excavating, grading, and road machine operators .....	257	218	33	8	13	12	6	—
Electricians .....	584	484	69	29	29	11	31	—
Masons and tile setters .....	390	285	3	—	—	3	102	—
Painters, construction and maintenance, and paperhangers .....	395	229	50	14	13	23	116	—
Plasterers and cement finishers .....	41	41	—	—	—	—	—	—
Plumbers and pipe fitters .....	536	415	44	14	18	12	77	—
Other construction craftsmen .....	215	208	—	—	—	—	7	—
Foremen, n.e.c. .....	2 089	1 994	85	43	19	23	10	—
Manufacturing .....	1 389	1 384	5	5	—	—	—	—
Nonmanufacturing industries .....	700	610	80	38	19	23	10	—
Linemen and servicemen, telephone and power .....	388	344	31	31	—	—	13	—
Locomotive engineers and firemen .....	62	56	6	6	—	—	—	—
Mechanics and repairmen .....	3 080	2 572	273	157	45	71	231	4
Air conditioning, heating, and refrigeration .....	235	176	37	32	—	5	22	—
Aircraft .....	6	6	—	—	—	—	—	—
Automobile, including body .....	957	736	87	51	6	30	134	—
Radio and television .....	140	71	20	14	6	—	45	4
Other mechanics and repairmen .....	1 742	1 583	129	60	33	36	30	—
<b>Metal craftsmen, except mechanics</b> .....	<b>626</b>	<b>582</b>	<b>32</b>	<b>32</b>	—	—	<b>12</b>	—
Machinists and job and die setters .....	346	322	12	9	—	—	12	—
Sheetmetal workers and tinsmiths .....	130	121	9	—	—	—	—	—
Tool and die makers .....	16	16	—	—	—	—	—	—
Other metal craftsmen .....	134	123	11	11	—	—	—	—
Printing craftsmen .....	206	196	10	10	—	—	—	—
Compositors and typesetters .....	142	132	10	10	—	—	—	—
Pressmen and plate printers, printing .....	49	49	—	—	—	—	—	—
Stationary engineers and power station operators .....	251	188	59	15	15	29	4	—
Other craftsmen and kindred workers .....	1 446	1 159	105	46	38	21	182	—

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

AUGUSTA, GA.—S.C., 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
<b>Operatives, except transport</b> .....	<b>8 117</b>	<b>7 635</b>	<b>319</b>	<b>158</b>	<b>51</b>	<b>110</b>	<b>136</b>	<b>27</b>
Assemblers.....	139	135	4	—	—	4	—	—
Checkers, examiners, and inspectors; manufacturing.....	279	279	15	7	8	—	—	—
Garage workers and gas station attendants.....	454	399	12	—	—	12	16	27
Laundry and drycleaning operatives, n.e.c.....	96	44	46	22	10	14	6	—
Meat cutters and butchers.....	278	266	12	12	—	—	—	—
Mine operatives, n.e.c.....	98	98	—	—	—	—	—	—
Packers and wrappers, except produce.....	292	284	8	8	—	—	—	—
Painters, manufactured articles.....	62	58	—	—	—	—	4	—
Precision machine operatives.....	62	62	—	—	—	—	—	—
Sawyers.....	57	43	—	—	—	—	14	—
Stationary firemen.....	104	90	14	10	4	—	—	—
Textile operatives.....	1 984	1 962	17	6	—	11	5	—
Welders and flamecutters.....	423	398	11	5	6	—	14	—
Other metalworking operatives.....	106	106	—	—	—	—	—	—
Other specified operatives.....	1 567	1 447	59	32	14	13	61	—
Miscellaneous and not specified operatives.....	2 116	1 979	121	56	9	56	16	—
Occupation:								
Machine operatives, miscellaneous specified.....	744	725	19	14	—	5	—	—
Machine operatives, not specified.....	638	589	43	23	—	20	6	—
Miscellaneous operatives.....	531	481	40	9	9	22	10	—
Not specified operatives.....	203	184	19	10	—	9	—	—
Industry:								
Manufacturing.....	1 810	1 752	58	51	—	7	—	—
Durable goods.....	599	599	—	—	—	—	—	—
Wood products, including furniture.....	49	49	—	—	—	—	—	—
Primary metal industries.....	5	5	—	—	—	—	—	—
Fabricated metal industries.....	10	10	—	—	—	—	—	—
Machinery, including electrical.....	52	52	—	—	—	—	—	—
Motor vehicles and equipment.....	6	6	—	—	—	—	—	—
Transportation equipment, except motor vehicles.....	7	7	—	—	—	—	—	—
Other durable goods.....	470	470	—	—	—	—	—	—
Nondurable goods.....	1 205	1 147	58	51	—	7	—	—
Food and kindred products.....	137	130	7	—	—	7	—	—
Apparel and other fabricated textile products.....	41	41	—	—	—	—	—	—
Paper and allied products.....	473	473	—	—	—	—	—	—
Chemicals and allied products.....	522	478	44	44	—	—	—	—
Other nondurable goods.....	32	25	7	7	—	—	—	—
Not specified manufacturing industries.....	6	6	—	—	—	—	—	—
Nonmanufacturing industries.....	306	227	63	5	9	49	16	—
Transportation, communications, and other public utilities.....	76	47	29	—	5	24	—	—
Wholesale and retail trade.....	91	87	4	—	—	4	—	—
All other industries.....	139	93	30	5	4	21	16	—
Transport equipment operatives.....	3 023	2 547	358	122	71	165	118	—
Bus drivers.....	204	76	128	29	42	57	—	—
Taxicab drivers and chauffeurs.....	175	121	32	27	5	—	22	—
Truck drivers and deliverymen.....	2 153	1 914	163	50	19	94	76	—
Other transport equipment operatives.....	491	436	35	16	5	14	20	—
Laborers, except farm.....	3 254	2 800	383	64	57	262	71	—
Construction laborers.....	499	427	72	—	45	27	—	—
Freight, stock, and material handlers.....	1 308	1 147	142	45	8	89	19	—
Other specified laborers.....	875	733	90	14	4	72	52	—
Miscellaneous and not specified laborers.....	572	493	79	5	—	74	—	—
Occupation:								
Miscellaneous laborers.....	167	126	41	—	—	41	—	—
Not specified laborers.....	405	367	38	5	—	33	—	—
Industry:								
Manufacturing.....	309	298	11	—	—	11	—	—
Durable goods.....	137	126	11	—	—	11	—	—
Wood products, including furniture.....	22	11	11	—	—	11	—	—
Metal industries.....	15	15	—	—	—	—	—	—
Machinery, including electrical.....	5	5	—	—	—	—	—	—
Transportation equipment.....	11	11	—	—	—	—	—	—
Other durable goods.....	84	84	—	—	—	—	—	—
Nondurable goods.....	172	172	—	—	—	—	—	—
Food and kindred products.....	26	26	—	—	—	—	—	—
Not specified manufacturing industries.....	—	—	—	—	—	—	—	—
Nonmanufacturing industries.....	263	195	68	5	—	63	—	—
Railroads and railway express service.....	34	34	—	—	—	—	—	—
Transportation, except railroads.....	14	14	—	—	—	—	—	—
Communications, and utilities and sanitary services.....	50	7	43	—	—	43	—	—
Wholesale and retail trade.....	71	71	—	—	—	—	—	—
All other industries.....	94	69	25	5	—	20	—	—
Farmers and farm managers.....	327	27	—	—	—	—	300	—
Farm laborers and farm foremen.....	374	342	10	—	10	—	6	16
Paid farm laborers and farm foremen.....	358	342	10	—	10	—	6	—
Unpaid family workers.....	16	—	—	—	—	—	—	16
Service workers, except private household <sup>1</sup> .....	4 420	2 413	1 800	665	345	790	207	—
Cleaning service workers.....	1 323	923	383	103	99	181	17	—
Food service workers.....	610	411	160	92	39	29	39	—
Cooks, except private household.....	316	222	77	46	19	12	17	—
Busboys and dishwashers.....	66	46	20	5	5	10	—	—
Health service workers.....	538	84	454	316	99	39	—	—
Personal service workers.....	553	329	98	26	57	15	126	—
Protective service workers.....	1 043	413	623	91	48	484	7	—
Firemen, fire protection.....	140	—	140	5	—	—	135	—
Guards and watchmen.....	516	367	142	36	29	77	7	—
Policemen and detectives.....	300	46	254	45	19	190	—	—
Private household workers.....	63	63	—	—	—	—	—	—

<sup>1</sup>Includes allocated cases not shown separately.

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

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

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

AUGUSTA, GA.—S.C., SMSA—Continued

Total—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
<b>Female, 16 years old and over</b> .....	<b>34 133</b>	<b>24 349</b>	<b>8 495</b>	<b>2 215</b>	<b>2 792</b>	<b>3 488</b>	<b>1 096</b>	<b>193</b>
<b>Professional, technical, and kindred workers</b> .....	<b>5 415</b>	<b>1 695</b>	<b>3 447</b>	<b>496</b>	<b>1 159</b>	<b>1 792</b>	<b>256</b>	<b>17</b>
Accountants .....	149	66	52	31	5	16	26	5
Computer specialists .....	18	18	—	—	—	—	—	—
Librarians .....	100	23	77	—	22	55	—	—
Mathematical specialists .....	—	—	—	—	—	—	—	—
Life and physical scientists .....	20	16	4	4	—	—	—	—
Registered nurses, dietitians, and therapists .....	1 242	496	706	254	259	193	34	6
Dietitians .....	100	43	57	9	34	14	—	—
Registered nurses .....	1 102	444	618	234	210	174	34	6
Health technologists and technicians .....	338	110	228	39	139	50	—	—
Social scientists .....	—	—	—	—	—	—	—	—
Social and recreation workers .....	186	51	129	21	72	36	6	—
Teachers: College and university .....	107	23	84	—	84	—	—	—
Elementary and prekindergarten .....	1 557	313	1 231	17	310	904	13	—
Secondary .....	646	79	567	17	134	416	—	—
Other teachers .....	166	36	41	12	14	15	89	—
Engineering and science technicians .....	185	138	41	4	33	4	—	6
Technicians, except health, and engineering and science .....	20	4	16	12	4	—	—	—
Writers, artists, and entertainers .....	128	66	19	9	6	4	43	—
Actors and dancers .....	6	6	—	—	—	—	—	—
Authors, editors, and reporters .....	36	22	9	9	—	—	5	—
Other professional, technical, and kindred workers .....	553	256	252	76	77	99	45	—
<b>Managers and administrators, except farm</b> .....	<b>1 135</b>	<b>656</b>	<b>264</b>	<b>70</b>	<b>52</b>	<b>142</b>	<b>181</b>	<b>34</b>
Buyers, purchasing agents, and sales managers .....	157	145	8	8	—	—	—	4
Restaurant, cafeteria, and bar managers .....	168	71	52	—	—	52	42	3
School administrators .....	85	34	51	—	15	36	—	—
Other specified managers and administrators .....	222	98	114	52	26	36	10	—
Managers and administrators, n.e.c., salaried .....	347	308	39	10	11	18	—	—
Wholesale and retail trade .....	175	162	13	—	6	7	—	—
Managers and administrators, n.e.c., self-employed .....	156	—	—	—	—	—	129	27
Wholesale and retail trade .....	101	—	—	—	—	—	83	18
<b>Sales workers</b> .....	<b>2 082</b>	<b>1 880</b>	<b>83</b>	<b>46</b>	<b>16</b>	<b>21</b>	<b>85</b>	<b>34</b>
Demonstrators, hucksters, and peddlers .....	149	149	—	—	—	—	—	—
Insurance, real estate agents, and brokers .....	127	94	10	—	—	10	4	19
Sales clerks, retail trade .....	1 469	1 352	41	25	5	11	65	11
Salesmen, retail trade .....	32	25	—	—	—	—	3	4
Other sales workers .....	305	260	32	21	11	—	13	—
<b>Clerical and kindred workers</b> .....	<b>9 682</b>	<b>7 010</b>	<b>2 465</b>	<b>1 289</b>	<b>610</b>	<b>566</b>	<b>110</b>	<b>97</b>
Bank tellers .....	202	202	—	—	—	—	—	—
Bookkeepers .....	1 115	936	102	72	9	21	30	47
Cashiers .....	867	764	74	54	5	15	17	12
Counter clerks, except food .....	130	119	—	—	—	—	5	6
Enumerators and interviewers .....	79	6	73	73	—	—	—	—
File clerks .....	188	87	101	72	19	10	—	—
Office machine operators .....	234	186	48	21	14	13	—	—
Bookkeeping and billing machine operators .....	24	20	4	—	—	4	—	—
Keypunch operators .....	161	123	38	15	14	9	—	—
Payroll and timekeeping clerks .....	144	98	46	35	—	11	—	—
Receptionists .....	225	183	42	10	21	11	—	—
Secretaries .....	2 850	1 924	871	323	336	212	33	22
Stenographers .....	74	27	47	23	17	7	—	—
Telephone operators .....	540	453	87	41	36	10	—	—
Typists .....	631	342	289	218	40	31	—	—
Other clerical and kindred workers .....	2 403	1 683	685	347	113	225	25	10
<b>Craftsmen and kindred workers</b> .....	<b>623</b>	<b>547</b>	<b>32</b>	<b>24</b>	<b>4</b>	<b>4</b>	<b>38</b>	<b>6</b>
Foremen, n.e.c. .....	190	155	23	19	—	4	6	6
<b>Operatives, except transport</b> .....	<b>6 011</b>	<b>5 779</b>	<b>184</b>	<b>71</b>	<b>77</b>	<b>36</b>	<b>48</b>	<b>—</b>
Assemblers .....	151	151	—	—	—	—	—	—
Bottling and canning operatives .....	5	5	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing .....	386	386	—	—	—	—	—	—
Dressmakers and seamstresses, except factory .....	130	100	10	10	—	—	20	—
Laundry and drycleaning operatives, including ironers .....	463	342	117	53	50	14	4	—
Graders and sorters, manufacturing .....	55	55	—	—	—	—	—	—
Packers and wrappers, except produce .....	664	649	11	—	6	5	4	—
Sewers and stitchers .....	694	681	8	—	—	8	5	—
Textile operatives .....	1 981	1 976	5	—	—	5	—	—
Other specified operatives .....	774	744	15	4	11	4	15	—
Miscellaneous and not specified operatives .....	708	690	18	4	10	4	—	—
Manufacturing .....	632	624	8	—	4	4	—	—
Durable goods .....	341	333	8	—	4	4	—	—
Machinery, including electrical .....	22	22	—	—	—	—	—	—
Other durable goods .....	319	311	8	—	4	4	—	—
Nondurable goods, including not specified manufacturing .....	291	291	—	—	—	—	—	—
Food and kindred products .....	86	86	—	—	—	—	—	—
Apparel and other fabricated textile products .....	118	118	—	—	—	—	—	—
Nonmanufacturing industries .....	76	66	10	4	6	—	—	—
<b>Transport equipment operatives</b> .....	<b>185</b>	<b>57</b>	<b>111</b>	<b>7</b>	<b>16</b>	<b>88</b>	<b>12</b>	<b>5</b>
<b>Laborers, except farm</b> .....	<b>413</b>	<b>382</b>	<b>20</b>	<b>—</b>	<b>7</b>	<b>13</b>	<b>11</b>	<b>—</b>
<b>Farmers and farm managers</b> .....	<b>25</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>25</b>	<b>—</b>
<b>Farm laborers and farm foremen</b> .....	<b>44</b>	<b>44</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Paid farm laborers and farm foremen .....	44	44	—	—	—	—	—	—
Unpaid family workers .....	—	—	—	—	—	—	—	—
<b>Service workers, except private household<sup>1</sup></b> .....	<b>5 525</b>	<b>3 327</b>	<b>1 889</b>	<b>212</b>	<b>851</b>	<b>826</b>	<b>309</b>	<b>—</b>
Cleaning service workers .....	824	631	193	39	61	93	—	—
Chambermaids and maids .....	339	262	77	—	27	50	—	—
Food service workers .....	1 998	1 420	561	85	196	280	17	—
Cooks, except private household .....	852	451	390	37	127	226	11	—
Waiters and food counter workers .....	879	814	65	33	9	23	—	—
Health service workers .....	1 329	557	756	65	476	215	16	—
Nursing aides, orderlies, and attendants .....	835	352	483	23	370	90	—	—
Practical nurses .....	231	53	162	9	48	105	16	—
Personal service workers .....	827	418	144	—	70	74	265	—
Hairdressers and cosmetologists .....	518	300	4	—	—	4	214	—
<b>Private household workers</b> .....	<b>2 993</b>	<b>2 972</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>21</b>	<b>—</b>
Private household workers, living in .....	18	18	—	—	—	—	—	—
Private household workers, living out .....	2 975	2 954	—	—	—	—	21	—

<sup>1</sup>Includes protective service workers and allocated cases not shown separately.



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

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

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

AUGUSTA, GA.—S.C., SMSA—Continued

Negro

	Total employed	Private wage and salary workers	Government workers			Self-employed workers	Unpaid family workers
			Total	Federal	State		
<b>Male, 16 years old and over</b> .....	<b>11 764</b>	<b>9 286</b>	<b>1 897</b>	<b>733</b>	<b>375</b>	<b>789</b>	<b>581</b>
<b>Professional, technical, and kindred workers</b> .....	<b>563</b>	<b>255</b>	<b>293</b>	<b>84</b>	<b>76</b>	<b>133</b>	<b>15</b>
Accountants .....	14	3	11	11	-	-	-
Architects .....	-	-	-	-	-	-	-
Computer specialists .....	-	-	-	-	-	-	-
Engineers .....	11	11	-	-	-	-	-
Aeronautical and astronautical .....	-	-	-	-	-	-	-
Civil .....	-	-	-	-	-	-	-
Electrical and electronic .....	-	-	-	-	-	-	-
Mechanical .....	-	-	-	-	-	-	-
Other engineers .....	11	11	-	-	-	-	-
Lawyers and judges .....	4	-	-	-	-	-	4
Life and physical scientists .....	9	6	3	3	-	-	-
Chemists .....	9	6	3	3	-	-	-
Physicians, dentists, and related practitioners .....	5	5	-	-	-	-	-
Dentists .....	-	-	-	-	-	-	-
Pharmacists .....	-	-	-	-	-	-	-
Physicians, medical and osteopathic .....	5	5	-	-	-	-	-
Other related practitioners .....	-	-	-	-	-	-	-
Health technologists and technicians .....	24	5	19	12	5	2	-
Religious workers .....	34	34	-	-	-	-	-
Social scientists .....	-	-	-	-	-	-	-
Social and recreation workers .....	11	-	11	-	6	5	-
Teachers .....	211	41	170	19	44	107	-
College and university .....	25	25	-	-	-	-	-
Elementary and prekindergarten .....	82	11	71	6	16	49	-
Secondary .....	80	5	75	-	23	52	-
Engineering and science technicians .....	57	33	24	24	-	-	-
Draftsmen and surveyors .....	-	-	-	-	-	-	-
Electrical and electronic engineering technicians .....	4	4	-	-	-	-	-
Technicians, except health, and engineering and science .....	11	6	5	5	-	-	-
Airplane pilots .....	-	-	9	-	-	7	11
Writers, artists, and entertainers .....	93	73	41	10	19	12	-
Other professional, technical, and kindred workers .....	79	38	-	-	-	-	-
<b>Managers and administrators, except farm</b> .....	<b>298</b>	<b>136</b>	<b>73</b>	<b>25</b>	<b>10</b>	<b>38</b>	<b>89</b>
Buyers, purchasing agents, and sales managers .....	24	19	-	-	-	-	5
School administrators .....	46	11	35	-	4	31	-
Specified managers and administrators, public administration .....	32	-	32	25	-	7	-
Other specified managers and administrators .....	68	55	6	-	6	-	7
Managers and administrators, n.e.c., salaried .....	51	51	-	-	-	-	-
Manufacturing .....	3	3	-	-	-	-	-
Wholesale and retail trade .....	37	37	-	-	-	-	-
Transportation, communications and other public utilities .....	4	4	-	-	-	-	-
All other industries .....	7	7	-	-	-	-	-
Managers and administrators, n.e.c., self-employed .....	77	-	-	-	-	-	77
Construction .....	29	-	-	-	-	-	29
Manufacturing .....	-	-	-	-	-	-	-
Wholesale and retail trade .....	39	-	-	-	-	-	39
All other industries .....	9	-	-	-	-	-	9
<b>Sales workers</b> .....	<b>112</b>	<b>107</b>	-	-	-	-	<b>5</b>
Insurance agents, brokers, and underwriters .....	4	4	-	-	-	-	-
Real estate agents and brokers .....	11	9	-	-	-	-	-
Sales representatives, manufacturing industries .....	17	17	-	-	-	-	-
Sales representatives, wholesale trade .....	59	59	-	-	-	-	-
Sales clerks, retail trade .....	-	-	-	-	-	-	-
Salesmen, retail trade .....	-	-	-	-	-	-	-
Salesmen of services and construction .....	-	-	-	-	-	-	-
Other sales workers .....	12	7	-	-	-	-	5
<b>Clerical and kindred workers</b> .....	<b>493</b>	<b>392</b>	<b>101</b>	<b>68</b>	<b>17</b>	<b>16</b>	-
Bank tellers and cashiers .....	8	8	-	-	-	-	-
Bookkeepers and billing clerks .....	21	13	8	-	-	8	-
Mail handlers and postal clerks .....	50	18	32	32	-	-	-
Other clerical and kindred workers .....	414	353	61	36	17	8	-
<b>Craftsmen and kindred workers</b> .....	<b>2 023</b>	<b>1 672</b>	<b>137</b>	<b>40</b>	<b>31</b>	<b>66</b>	<b>214</b>
Apparel craftsmen and upholsterers .....	30	30	-	-	-	-	-
Bakers .....	40	40	-	-	-	-	-
Cabinetmakers .....	6	6	-	-	-	-	-
Construction craftsmen .....	819	660	60	17	15	28	99
Carpenters .....	168	129	19	5	-	14	20
Excavating, grading, and road machine operators .....	103	95	8	3	-	5	-
Electricians .....	22	12	10	5	5	-	-
Masons and tile setters .....	228	186	3	-	-	3	39
Painters, construction and maintenance, and paperhangers .....	86	46	11	4	4	3	29
Plasterers and cement finishers .....	37	37	-	-	-	-	-
Plumbers and pipe fitters .....	52	32	9	-	6	3	11
Other construction craftsmen .....	123	123	-	-	-	-	-
Foremen, n.e.c. .....	152	142	10	5	-	5	-
Manufacturing .....	98	98	-	-	-	-	-
Nonmanufacturing industries .....	54	44	10	5	-	5	-
Linemen and servicemen, telephone and power .....	23	23	-	-	-	-	-
Locomotive engineers and firemen .....	10	10	-	-	-	-	-
Mechanics and repairmen .....	491	390	47	14	-	33	54
Air conditioning, heating, and refrigeration .....	24	17	-	-	-	-	7
Aircraft .....	-	-	-	-	-	-	-
Automobile, including body .....	204	157	11	-	-	11	36
Radio and television .....	36	20	5	5	-	-	11
Other mechanics and repairmen .....	227	196	31	9	-	22	-
Metal craftsmen, except mechanics .....	51	47	4	4	-	-	-
Machinists and job and die setters .....	38	38	-	-	-	-	-
Sheetmetal workers and tinsmiths .....	8	4	4	4	-	-	-
Tool and die makers .....	-	-	-	-	-	-	-
Other metal craftsmen .....	5	5	-	-	-	-	-
Printing craftsmen .....	-	-	-	-	-	-	-
Compositors and typesetters .....	-	-	-	-	-	-	-
Pressmen and plate printers, printing .....	-	-	-	-	-	-	-
Stationary engineers and power station operators .....	13	9	-	-	-	-	4
Other craftsmen and kindred workers .....	388	315	16	-	16	-	57

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**

AUGUSTA, GA.—S.C., 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		
<b>Operatives, except transport</b> .....	<b>2 685</b>	<b>2 515</b>	<b>143</b>	<b>65</b>	<b>30</b>	<b>48</b>	<b>27</b>	
Assemblers.....	40	36	4	—	—	4	—	
Checkers, examiners, and inspectors; manufacturing.....	52	49	3	3	—	—	—	
Garage workers and gas station attendants.....	124	124	—	—	—	—	—	
Laundry and drycleaning operatives, n.e.c.....	72	30	42	18	10	14	—	
Meat cutters and butchers.....	96	96	—	—	—	—	—	
Mine operatives, n.e.c.....	80	80	—	—	—	—	—	
Packers and wrappers, except produce.....	149	141	8	8	—	—	—	
Painters, manufactured articles.....	8	8	—	—	—	—	—	
Precision machine operatives.....	23	23	—	—	—	—	4	
Sawyers.....	38	34	—	—	—	—	—	
Stationary firemen.....	22	22	—	—	—	—	—	
Textile operatives.....	623	612	11	—	—	11	—	
Welders and flamecutters.....	60	54	6	—	6	—	—	
Other metalworking operatives.....	29	29	—	—	—	—	—	
Other specified operatives.....	491	434	40	18	14	8	17	
Miscellaneous and not specified operatives.....	778	743	29	18	—	11	6	
Occupation:								
Machine operatives, miscellaneous specified.....	302	302	—	—	—	—	—	
Machine operatives, not specified.....	266	241	19	8	—	11	6	
Miscellaneous operatives.....	157	157	—	—	—	—	—	
Not specified operatives.....	53	43	10	10	—	—	—	
Industry:								
Manufacturing.....	698	678	20	13	—	7	—	
Durable goods.....	383	383	—	—	—	—	—	
Wood products, including furniture.....	32	32	—	—	—	—	—	
Primary metal industries.....	5	5	—	—	—	—	—	
Fabricated metal industries.....	6	6	—	—	—	—	—	
Machinery, including electrical.....	18	18	—	—	—	—	—	
Motor vehicles and equipment.....	—	—	—	—	—	—	—	
Transportation equipment, except motor vehicles.....	—	—	—	—	—	—	—	
Other durable goods.....	322	322	—	—	—	—	—	
Nondurable goods.....	309	289	20	13	—	7	—	
Food and kindred products.....	101	94	7	—	—	7	—	
Apparel and other fabricated textile products.....	17	17	—	—	—	—	—	
Paper and allied products.....	106	106	—	—	—	—	—	
Chemicals and allied products.....	68	55	13	13	—	—	—	
Other nondurable goods.....	17	17	—	—	—	—	—	
Not specified manufacturing industries.....	6	6	—	—	—	—	—	
Nonmanufacturing industries.....	80	65	9	5	—	4	6	
Transportation, communications, and other public utilities.....	8	8	—	—	—	—	—	
Wholesale and retail trade.....	40	36	4	—	—	4	—	
All other industries.....	32	21	5	5	—	—	6	
Transport equipment operatives.....	1 312	1 101	182	96	9	77	29	
Bus drivers.....	77	34	43	29	—	14	—	
Taxicab drivers and chauffeurs.....	42	18	11	11	—	—	13	
Truck drivers and deliverymen.....	952	837	99	40	4	55	16	
Other transport equipment operatives.....	241	212	29	16	5	8	—	
Laborers, except farm.....	1 795	1 533	198	43	32	123	64	
Construction laborers.....	299	258	41	—	24	17	—	
Freight, stock, and material handlers.....	626	536	75	29	4	42	15	
Other specified laborers.....	537	434	54	14	4	36	49	
Miscellaneous and not specified laborers.....	333	305	28	—	—	28	—	
Occupation:								
Miscellaneous laborers.....	83	79	4	—	—	4	—	
Not specified laborers.....	250	226	24	—	—	24	—	
Industry:								
Manufacturing.....	185	174	11	—	—	11	—	
Durable goods.....	112	101	11	—	—	11	—	
Wood products, including furniture.....	22	11	11	—	—	11	—	
Metal industries.....	9	9	—	—	—	—	—	
Machinery, including electrical.....	5	5	—	—	—	—	—	
Transportation equipment.....	11	11	—	—	—	—	—	
Other durable goods.....	65	65	—	—	—	—	—	
Nondurable goods.....	73	73	—	—	—	—	—	
Food and kindred products.....	12	12	—	—	—	—	—	
Not specified manufacturing industries.....	—	—	—	—	—	—	—	
Nonmanufacturing industries.....	148	131	17	—	—	17	—	
Railroads and railway express service.....	24	24	—	—	—	—	—	
Transportation, except railroads.....	5	5	—	—	—	—	—	
Communications, and utilities and sanitary services.....	14	4	10	—	—	10	—	
Wholesale and retail trade.....	50	50	—	—	—	—	—	
All other industries.....	55	48	7	—	—	7	—	
Farmers and farm managers.....	86	7	—	—	—	—	79	
Farm laborers and farm foremen.....	234	234	—	—	—	—	—	
Paid farm laborers and farm foremen.....	234	234	—	—	—	—	—	
Unpaid family workers.....	—	—	—	—	—	—	—	
Service workers, except private household <sup>1</sup> .....	2 105	1 276	770	312	170	288	59	
Cleaning service workers.....	999	687	312	76	72	164	—	
Food service workers.....	324	183	124	73	22	29	17	
Cooks, except private household.....	167	99	51	27	12	12	17	
Busboys and dishwashers.....	41	26	15	5	—	10	—	
Health service workers.....	276	64	212	130	49	33	—	
Personal service workers.....	235	152	41	12	20	9	42	
Protective service workers.....	106	44	62	5	4	53	—	
Firemen, fire protection.....	—	—	—	—	—	—	—	
Guards and watchmen.....	67	44	23	5	4	14	—	
Policemen and detectives.....	26	—	26	—	—	26	—	
Private household workers.....	58	58	—	—	—	—	—	

<sup>1</sup>Includes allocated cases not shown separately.

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

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

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

AUGUSTA, GA.—S.C., SMSA—Continued

Negro—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
<b>Female, 16 years old and over</b> .....	<b>10 288</b>	<b>7 659</b>	<b>2 454</b>	<b>443</b>	<b>849</b>	<b>1 162</b>	<b>171</b>	<b>4</b>
<b>Professional, technical, and kindred workers</b> .....	<b>1 061</b>	<b>275</b>	<b>783</b>	<b>74</b>	<b>246</b>	<b>463</b>	<b>3</b>	—
Accountants .....	—	—	—	—	—	—	—	—
Computer specialists .....	—	—	—	—	—	—	—	—
Librarians .....	33	4	29	—	16	13	—	—
Mathematical specialists .....	—	—	—	—	—	—	—	—
Life and physical scientists .....	5	5	—	—	—	—	—	—
Registered nurses, dietitians, and therapists .....	209	85	121	28	48	45	3	—
Dietitians .....	41	28	13	—	9	4	—	—
Registered nurses .....	168	57	108	28	39	41	3	—
Health technologists and technicians .....	35	11	24	8	4	12	—	—
Social scientists .....	—	—	—	—	—	—	—	—
Social and recreation workers .....	51	19	32	10	8	14	—	—
Teachers: College and university .....	13	13	—	—	—	—	—	—
Elementary and prekindergarten .....	431	91	340	12	104	224	—	—
Secondary .....	181	14	167	—	51	116	—	—
Other teachers .....	9	4	5	—	—	5	—	—
Engineering and science technicians .....	—	—	—	—	—	—	—	—
Technicians, except health, and engineering and science .....	—	—	—	—	—	—	—	—
Writers, artists, and entertainers .....	10	6	4	—	—	4	—	—
Actors and dancers .....	—	—	—	—	—	—	—	—
Authors, editors, and reporters .....	—	—	—	—	—	—	—	—
Other professional, technical, and kindred workers .....	84	23	61	16	15	30	—	—
<b>Managers and administrators, except farm</b> .....	<b>134</b>	<b>61</b>	<b>52</b>	<b>11</b>	—	<b>41</b>	<b>17</b>	<b>4</b>
Buyers, purchasing agents, and sales managers .....	8	8	—	—	—	—	—	—
Restaurant, cafeteria, and bar managers .....	36	19	4	—	—	4	13	—
School administrators .....	13	—	13	—	—	13	—	—
Other specified managers and administrators .....	22	—	22	5	—	17	—	—
Managers and administrators, n.e.c., salaried .....	47	34	13	6	—	7	—	—
Wholesale and retail trade .....	24	17	7	—	—	7	—	—
Managers and administrators, n.e.c., self-employed .....	8	—	—	—	—	—	4	4
Wholesale and retail trade .....	—	—	—	—	—	—	—	—
<b>Sales workers</b> .....	<b>161</b>	<b>118</b>	<b>39</b>	<b>33</b>	<b>6</b>	—	<b>4</b>	—
Demonstrators, hucksters, and peddlers .....	13	13	—	—	—	—	—	—
Insurance, real estate agents, and brokers .....	4	4	—	—	—	—	—	—
Sales clerks, retail trade .....	95	66	25	25	—	—	4	—
Salesmen, retail trade .....	7	7	—	—	—	—	—	—
Other sales workers .....	42	28	14	8	6	—	—	—
<b>Clerical and kindred workers</b> .....	<b>852</b>	<b>555</b>	<b>270</b>	<b>138</b>	<b>53</b>	<b>79</b>	<b>27</b>	—
Bank tellers .....	6	6	—	—	—	—	—	—
Bookkeepers .....	37	16	16	12	4	—	5	—
Cashiers .....	163	121	31	26	—	5	11	—
Counter clerks, except food .....	12	12	—	—	—	—	—	—
Enumerators and interviewers .....	12	—	12	12	—	—	—	—
File clerks .....	28	16	12	7	—	5	—	—
Office machine operators .....	19	15	4	4	—	—	—	—
Bookkeeping and billing machine operators .....	—	—	—	—	—	—	—	—
Keypunch operators .....	19	15	4	4	—	—	—	—
Payroll and timekeeping clerks .....	3	—	3	3	—	—	—	—
Receptionists .....	4	—	—	—	—	—	—	—
Secretaries .....	139	78	61	19	22	20	—	—
Stenographers .....	—	—	—	—	—	—	—	—
Telephone operators .....	108	103	5	—	5	—	—	—
Typists .....	87	44	43	43	—	—	—	—
Other clerical and kindred workers .....	234	140	83	12	22	49	11	—
<b>Craftsmen and kindred workers</b> .....	<b>107</b>	<b>103</b>	<b>4</b>	<b>4</b>	—	—	—	—
Foremen, n.e.c. .....	10	6	4	4	—	—	—	—
<b>Operatives, except transport</b> .....	<b>2 003</b>	<b>1 841</b>	<b>144</b>	<b>55</b>	<b>61</b>	<b>28</b>	<b>18</b>	—
Assemblers .....	60	60	—	—	—	—	—	—
Bottling and canning operatives .....	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing .....	61	61	—	—	—	—	—	—
Dressmakers and seamstresses, except factory .....	49	44	—	—	—	—	5	—
Laundry and drycleaning operatives, including ironers .....	387	280	107	47	50	10	—	—
Graders and sorters, manufacturing .....	7	7	—	—	—	—	—	—
Packers and wrappers, except produce .....	204	195	5	—	—	5	4	—
Sewers and stitchers .....	224	220	4	—	—	4	—	—
Textile operatives .....	508	503	5	—	—	5	—	—
Other specified operatives .....	252	228	15	4	11	—	9	—
Miscellaneous and not specified operatives .....	251	243	8	4	—	4	—	—
Manufacturing .....	223	219	4	—	—	4	—	—
Durable goods .....	123	119	4	—	—	4	—	—
Machinery, including electrical .....	—	—	—	—	—	—	—	—
Other durable goods .....	123	119	4	—	—	4	—	—
Nondurable goods, including not specified manufacturing .....	100	100	—	—	—	—	—	—
Food and kindred products .....	14	—	—	—	—	—	—	—
Apparel and other fabricated textile products .....	58	58	—	—	—	—	—	—
Nonmanufacturing industries .....	28	24	4	4	—	—	—	—
<b>Transport equipment operatives</b> .....	<b>46</b>	<b>30</b>	<b>16</b>	—	—	<b>16</b>	—	—
<b>Laborers, except farm</b> .....	<b>194</b>	<b>174</b>	<b>20</b>	—	<b>7</b>	<b>13</b>	—	—
<b>Farmers and farm managers</b> .....	<b>5</b>	—	—	—	—	—	<b>5</b>	—
<b>Farm laborers and farm foremen</b> .....	<b>21</b>	<b>21</b>	—	—	—	—	—	—
Paid farm laborers and farm foremen .....	21	21	—	—	—	—	—	—
Unpaid family workers .....	—	—	—	—	—	—	—	—
<b>Service workers, except private household<sup>1</sup></b> .....	<b>2 977</b>	<b>1 775</b>	<b>1 126</b>	<b>128</b>	<b>476</b>	<b>522</b>	<b>76</b>	—
Cleaning service workers .....	745	567	178	39	56	83	—	—
Chambermaids and maids .....	319	242	77	—	27	50	—	—
Food service workers .....	1 063	655	397	70	126	201	11	—
Cooks, except private household .....	673	372	290	37	77	176	11	—
Waiters and food counter workers .....	223	185	38	18	9	11	—	—
Health service workers .....	715	327	380	19	216	145	8	—
Nursing aides, orderlies, and attendants .....	525	256	269	11	183	75	—	—
Practical nurses .....	115	23	84	4	24	56	8	—
Personal service workers .....	222	104	61	—	34	27	57	—
Hairdressers and cosmetologists .....	96	38	4	—	—	4	54	—
<b>Private household workers</b> .....	<b>2 727</b>	<b>2 706</b>	—	—	—	—	<b>21</b>	—
Private household workers, living in .....	8	8	—	—	—	—	—	—
Private household workers, living out .....	2 719	2 698	—	—	—	—	21	—

<sup>1</sup>Includes protective service workers and allocated cases not shown separately.

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

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

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

**CHATTANOOGA, TENN.—GA., 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		
<b>Total</b>	<b>73 638</b>	<b>59 857</b>	<b>8 538</b>	<b>3 492</b>	<b>1 383</b>	<b>3 663</b>	<b>5 197</b>	<b>46</b>
<b>Professional, technical, and kindred workers</b>	<b>9 005</b>	<b>5 675</b>	<b>2 516</b>	<b>1 102</b>	<b>584</b>	<b>830</b>	<b>809</b>	<b>5</b>
Accountants	703	554	78	63	5	10	71	—
Architects	32	15	—	—	—	—	17	—
Computer specialists	227	211	16	5	6	5	—	—
Engineers	1 951	1 277	664	565	51	48	10	—
Aeronautical and astronautical	7	7	—	—	—	—	—	—
Civil	289	117	172	103	41	28	—	—
Electrical and electronic	551	210	341	326	10	5	—	—
Mechanical	261	198	63	58	—	5	—	—
Other engineers	843	745	88	78	—	10	10	—
Lawyers and judges	388	123	61	19	23	19	204	—
Life and physical scientists	190	154	36	30	6	—	—	—
Chemists	169	154	15	15	—	—	—	—
Physicians, dentists, and related practitioners	640	253	66	25	9	32	321	—
Dentists	125	26	13	4	9	—	86	—
Pharmacists	154	104	5	—	—	5	45	—
Physicians, medical and osteopathic	326	108	48	21	—	27	170	—
Other related practitioners	35	15	—	—	—	—	20	—
Health technologists and technicians	48	21	22	—	15	7	5	—
Religious workers	482	431	—	—	—	—	51	—
Social scientists	43	24	19	10	4	5	—	—
Social and recreation workers	114	45	69	17	8	44	—	—
Teachers	1 097	259	821	34	259	528	17	—
College and university	308	118	190	6	184	—	—	—
Elementary and prekindergarten	320	85	235	5	33	197	—	—
Secondary	388	30	358	18	25	315	—	—
Engineering and science technicians	1 251	1 026	200	129	60	11	25	—
Draftsmen and surveyors	716	557	139	82	46	—	20	—
Electrical and electronic engineering technicians	117	93	24	24	—	—	—	—
Technicians, except health, and engineering and science	117	36	31	26	—	—	—	—
Airplane pilots	13	13	—	—	—	—	—	—
Writers, artists, and entertainers	554	474	65	29	19	17	15	—
Other professional, technical, and kindred workers	1 218	772	368	150	114	104	73	5
<b>Managers and administrators, except farm</b>	<b>8 718</b>	<b>6 351</b>	<b>823</b>	<b>307</b>	<b>143</b>	<b>373</b>	<b>1 539</b>	<b>5</b>
Buyers, purchasing agents, and sales managers	927	832	91	67	13	11	4	—
School administrators	216	22	194	4	46	144	—	—
Specified managers and administrators, public administration	303	5	298	151	34	113	—	—
Other specified managers and administrators	1 657	1 342	66	14	14	38	249	—
Managers and administrators, n.e.c., salaried	4 324	4 150	174	71	36	67	—	—
Manufacturing	1 311	1 311	—	—	—	—	—	—
Wholesale and retail trade	1 436	1 431	5	—	—	5	—	—
Transportation, communications and other public utilities	413	—	86	67	4	15	—	—
All other industries	1 164	1 081	83	4	32	47	—	—
Managers and administrators, n.e.c., self-employed	1 291	—	—	—	—	—	1 286	5
Construction	289	—	—	—	—	—	284	5
Manufacturing	108	—	—	—	—	—	108	—
Wholesale and retail trade	635	—	—	—	—	—	635	—
All other industries	259	—	—	—	—	—	259	—
<b>Sales workers</b>	<b>5 491</b>	<b>4 882</b>	<b>41</b>	<b>11</b>	<b>—</b>	<b>30</b>	<b>568</b>	<b>—</b>
Insurance agents, brokers, and underwriters	776	746	—	—	—	—	30	—
Real estate agents and brokers	255	157	7	—	—	7	91	—
Sales representatives, manufacturing industries	765	720	—	—	—	—	45	—
Sales representatives, wholesale trade	977	898	—	—	—	—	79	—
Sales clerks, retail trade	1 066	916	—	—	—	—	150	—
Salesmen, retail trade	765	677	—	—	—	—	88	—
Salesmen of services and construction	225	183	19	4	—	15	23	—
Other sales workers	662	585	15	7	—	8	62	—
<b>Clerical and kindred workers</b>	<b>5 122</b>	<b>3 906</b>	<b>1 162</b>	<b>837</b>	<b>95</b>	<b>230</b>	<b>50</b>	<b>4</b>
Bank tellers and cashiers	140	130	5	—	—	5	5	—
Bookkeepers and billing clerks	397	339	52	20	—	32	6	—
Mail handlers and postal clerks	629	78	551	551	—	—	—	—
Other clerical and kindred workers	3 956	3 359	554	266	95	193	39	4
<b>Craftsmen and kindred workers</b>	<b>16 789</b>	<b>14 398</b>	<b>1 111</b>	<b>595</b>	<b>148</b>	<b>368</b>	<b>1 259</b>	<b>21</b>
Apparel craftsmen and upholsterers	203	181	—	—	—	—	22	—
Bakers	71	65	—	—	—	—	6	—
Cabinetmakers	140	98	—	—	—	—	36	6
Construction craftsmen	3 998	3 016	313	155	39	119	659	10
Carpenters	990	793	57	23	5	29	140	—
Excavating, grading, and road machine operators	341	191	98	37	11	50	47	5
Electricians	882	744	96	74	11	11	42	—
Masons and tile setters	367	242	—	—	—	—	125	—
Painters, construction and maintenance, and paperhangers	418	249	12	—	—	7	157	—
Plasterers and cement finishers	96	73	7	—	7	—	16	—
Plumbers and pipe fitters	553	435	38	21	—	17	80	—
Other construction craftsmen	351	289	5	—	—	5	52	5
Foremen, n.e.c.	3 098	2 914	169	95	19	55	10	5
Manufacturing	2 273	2 240	23	23	—	—	10	—
Nonmanufacturing industries	825	674	146	72	19	55	—	5
Linemen and servicemen, telephone and power	431	392	39	16	—	23	—	—
Locomotive engineers and firemen	88	88	—	—	—	—	—	—
Mechanics and repairmen	3 645	3 099	276	123	36	117	270	—
Air conditioning, heating, and refrigeration	144	115	11	6	5	—	18	—
Aircraft	30	30	—	—	—	—	—	—
Automobile, including body	1 134	915	56	11	10	35	163	—
Radio and television	133	82	11	6	—	5	40	—
Other mechanics and repairmen	2 204	1 957	198	100	21	77	49	—
Metal craftsmen, except mechanics	1 982	1 915	56	56	—	—	11	—
Machinists and job and die setters	953	915	32	32	—	—	6	—
Sheetmetal workers and tinsmiths	201	188	8	8	—	—	5	—
Tool and die makers	114	114	—	—	—	—	—	—
Other metal craftsmen	714	698	16	16	—	—	—	—
Printing craftsmen	420	397	19	9	—	10	4	—
Compositors and typesetters	234	211	19	9	—	10	4	—
Pressmen and plate printers, printing	124	124	—	—	—	—	—	—
Stationary engineers and power station operators	226	173	53	26	6	21	—	—
Other craftsmen and kindred workers	2 487	2 060	186	115	48	23	241	—

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

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

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

CHATTANOOGA, TENN.—GA., 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		
<b>Operatives, except transport</b> .....	<b>13 025</b>	<b>12 567</b>	<b>289</b>	<b>171</b>	<b>39</b>	<b>79</b>	<b>169</b>	—
Assemblers.....	444	430	10	10	—	—	4	—
Checkers, examiners, and inspectors; manufacturing	582	550	32	24	8	—	—	—
Garage workers and gas station attendants.....	627	587	5	—	—	—	35	—
Laundry and drycleaning operatives, n.e.c.	72	68	4	—	—	4	—	—
Meat cutters and butchers.....	265	260	—	—	—	—	5	—
Mine operatives, n.e.c.	28	28	—	—	—	—	—	—
Packers and wrappers, except produce.....	360	354	—	—	—	—	6	—
Painters, manufactured articles.....	146	136	—	—	—	—	10	—
Precision machine operatives.....	474	469	5	—	—	5	—	—
Sawyers.....	80	75	—	—	—	—	5	—
Stationary firemen.....	149	128	21	—	16	5	—	—
Textile operatives.....	2 059	2 044	10	5	—	5	5	—
Welders and flamecutters.....	1 570	1 546	14	14	—	—	10	—
Other metalworking operatives.....	422	422	—	—	—	—	—	—
Other specified operatives.....	2 489	2 352	74	39	9	26	63	—
Miscellaneous and not specified operatives.....	3 258	3 118	114	74	6	34	26	—
Occupation:								
Machine operatives, miscellaneous specified.....	1 237	1 210	22	18	—	4	5	—
Machine operatives, not specified.....	851	807	38	23	—	15	6	—
Miscellaneous operatives.....	839	781	48	27	6	15	10	—
Not specified operatives.....	331	320	6	6	—	—	5	—
<b>Industry:</b>								
<b>Manufacturing</b> .....	<b>2 803</b>	<b>2 734</b>	<b>64</b>	<b>60</b>	<b>—</b>	<b>4</b>	<b>5</b>	<b>—</b>
Durable goods.....	1 629	1 594	30	26	—	4	5	—
Wood products, including furniture.....	127	122	—	—	—	—	5	—
Primary metal industries.....	309	309	—	—	—	—	—	—
Fabricated metal industries.....	470	466	4	—	—	4	—	—
Machinery, including electrical.....	253	253	—	—	—	—	—	—
Motor vehicles and equipment.....	25	25	—	—	—	—	—	—
Transportation equipment, except motor vehicles.....	100	90	10	10	—	—	—	—
Other durable goods.....	345	329	16	16	—	—	—	—
Nondurable goods.....	1 153	1 124	29	29	—	—	—	—
Food and kindred products.....	248	248	—	—	—	—	—	—
Apparel and other fabricated textile products.....	23	23	—	—	—	—	—	—
Paper and allied products.....	265	265	—	—	—	—	—	—
Chemicals and allied products.....	528	499	29	29	—	—	—	—
Other nondurable goods.....	89	89	—	—	—	—	—	—
Not specified manufacturing industries.....	21	16	5	5	—	—	—	—
Nonmanufacturing industries.....	455	384	50	14	6	30	21	—
Transportation, communications, and other public utilities.....	68	53	15	—	—	15	—	—
Wholesale and retail trade.....	161	151	—	—	—	—	10	—
All other industries.....	226	180	35	14	6	15	11	—
<b>Transport equipment operatives</b> .....	<b>5 110</b>	<b>4 440</b>	<b>528</b>	<b>103</b>	<b>67</b>	<b>358</b>	<b>142</b>	<b>—</b>
Bus drivers.....	240	140	96	—	9	87	4	—
Taxicab drivers and chauffeurs.....	132	107	10	5	—	5	15	—
Truck drivers and deliverymen.....	3 356	2 983	259	47	28	184	114	—
Other transport equipment operatives.....	1 382	1 210	163	51	30	82	9	—
<b>Laborers, except farm</b> .....	<b>4 684</b>	<b>4 071</b>	<b>518</b>	<b>113</b>	<b>94</b>	<b>311</b>	<b>90</b>	<b>5</b>
Construction laborers.....	890	762	124	20	37	67	4	—
Freight, stock, and material handlers.....	1 488	1 370	108	22	12	74	10	—
Other specified laborers.....	1 258	1 039	153	21	45	87	61	5
Miscellaneous and not specified laborers.....	1 048	900	133	50	—	83	15	—
Occupation:								
Miscellaneous laborers.....	259	214	30	5	—	25	15	—
Not specified laborers.....	789	686	103	45	—	58	—	—
<b>Industry:</b>								
<b>Manufacturing</b> .....	<b>687</b>	<b>657</b>	<b>30</b>	<b>24</b>	<b>—</b>	<b>6</b>	<b>—</b>	<b>—</b>
Durable goods.....	468	468	—	—	—	—	—	—
Wood products, including furniture.....	52	52	—	—	—	—	—	—
Metal industries.....	297	297	—	—	—	—	—	—
Machinery, including electrical.....	58	58	—	—	—	—	—	—
Transportation equipment.....	9	9	—	—	—	—	—	—
Other durable goods.....	52	52	—	—	—	—	—	—
Nondurable goods.....	213	183	30	24	—	6	—	—
Food and kindred products.....	74	74	—	—	—	—	—	—
Not specified manufacturing industries.....	6	6	—	—	—	—	—	—
Nonmanufacturing industries.....	361	243	103	26	—	77	15	—
Railroads and railway express service.....	51	51	—	—	—	—	—	—
Transportation, except railroads.....	10	5	5	—	—	5	—	—
Communications, and utilities and sanitary services.....	75	17	58	26	—	32	—	—
Wholesale and retail trade.....	92	77	—	—	—	—	15	—
All other industries.....	133	93	40	—	—	40	—	—
<b>Farmers and farm managers</b> .....	<b>393</b>	<b>24</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>369</b>	<b>—</b>
<b>Farm laborers and farm foremen</b> .....	<b>324</b>	<b>308</b>	<b>4</b>	<b>—</b>	<b>—</b>	<b>4</b>	<b>6</b>	<b>6</b>
Paid farm laborers and farm foremen.....	318	308	4	—	—	4	6	6
Unpaid family workers.....	6	—	—	—	—	—	—	—
<b>Service workers, except private household<sup>1</sup></b> .....	<b>4 856</b>	<b>3 114</b>	<b>1 546</b>	<b>253</b>	<b>213</b>	<b>1 080</b>	<b>196</b>	<b>—</b>
Cleaning service workers.....	2 017	1 460	538	115	80	343	19	—
Food service workers.....	545	507	26	—	15	11	12	—
Cooks, except private household.....	253	241	6	—	—	6	6	—
Busboys and dishwashers.....	138	124	14	—	9	5	—	—
Health service workers.....	141	105	36	—	11	25	—	—
Personal service workers.....	536	356	31	5	10	16	149	—
Protective service workers.....	1 087	333	754	65	67	622	—	—
Firemen, fire protection.....	196	—	196	—	12	184	—	—
Guards and watchmen.....	407	311	96	44	15	37	—	—
Policemen and detectives.....	391	22	369	9	33	327	—	—
<b>Private household workers</b> .....	<b>121</b>	<b>121</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>

<sup>1</sup>Includes allocated cases not shown separately.

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

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

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

CHATTANOOGA, TENN.—GA., SMSA—Continued

Total—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
<b>Female, 16 years old and over</b>	<b>47 910</b>	<b>38 111</b>	<b>8 085</b>	<b>1 375</b>	<b>1 369</b>	<b>5 341</b>	<b>1 391</b>	<b>323</b>
<b>Professional, technical, and kindred workers</b>	<b>7 270</b>	<b>3 109</b>	<b>3 905</b>	<b>316</b>	<b>605</b>	<b>2 984</b>	<b>239</b>	<b>17</b>
Accountants	206	160	34	17	4	13	6	6
Computer specialists	56	35	21	21	—	—	—	—
Librarians	141	32	109	—	21	88	—	—
Mathematical specialists	15	6	9	9	—	—	—	—
Life and physical scientists	42	33	9	4	—	5	—	—
Registered nurses, dietitians, and therapists	1 338	798	474	18	72	384	61	5
Dietitians	70	58	12	—	—	12	—	—
Registered nurses	1 210	711	433	18	72	343	61	5
Health technologists and technicians	280	234	46	—	5	41	—	—
Social scientists	4	4	—	—	—	—	—	—
Social and recreation workers	315	66	249	32	125	92	—	—
Teachers: College and university	230	140	90	—	85	5	—	—
Elementary and prekindergarten	2 163	463	1 700	37	128	1 535	—	—
Secondary	719	111	608	—	65	543	—	—
Other teachers	187	41	61	19	10	32	79	6
Engineering and science technicians	296	224	72	68	—	4	—	—
Technicians, except health, and engineering and science	18	8	10	—	5	5	—	—
Writers, artists, and entertainers	257	203	17	11	6	—	37	—
Actors and dancers	10	10	—	—	—	—	—	—
Authors, editors, and reporters	59	42	17	11	6	—	—	—
Other professional, technical, and kindred workers	1 003	555	392	80	79	233	56	—
<b>Managers and administrators, except farm</b>	<b>1 535</b>	<b>1 037</b>	<b>208</b>	<b>32</b>	<b>47</b>	<b>129</b>	<b>246</b>	<b>44</b>
Buyers, purchasing agents, and sales managers	223	214	—	—	—	—	9	—
Restaurant, cafeteria, and bar managers	238	111	76	—	15	61	46	5
School administrators	56	20	36	—	6	30	—	—
Other specified managers and administrators	286	205	49	22	5	22	32	—
Managers and administrators, n.e.c., salaried	534	487	47	10	21	16	—	—
Wholesale and retail trade	162	162	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	198	—	—	—	—	—	159	39
Wholesale and retail trade	124	—	—	—	—	—	102	22
<b>Sales workers</b>	<b>2 984</b>	<b>2 784</b>	<b>26</b>	<b>5</b>	<b>10</b>	<b>11</b>	<b>136</b>	<b>38</b>
Demonstrators, hucksters, and peddlers	131	116	—	—	—	—	15	—
Insurance, real estate agents, and brokers	242	203	5	5	—	—	34	—
Sales clerks, retail trade	1 843	1 750	4	—	4	—	51	38
Salesmen, retail trade	89	77	—	—	—	—	12	—
Other sales workers	679	638	17	—	6	11	24	—
<b>Clerical and kindred workers</b>	<b>14 515</b>	<b>11 859</b>	<b>2 381</b>	<b>839</b>	<b>453</b>	<b>1 089</b>	<b>122</b>	<b>153</b>
Bank tellers	320	309	11	11	—	—	—	—
Bookkeepers	1 825	1 563	128	56	17	55	40	94
Cashiers	896	822	41	—	4	37	20	13
Counter clerks, except food	230	221	—	—	—	—	5	4
Enumerators and interviewers	129	21	108	104	—	4	—	—
File clerks	336	264	72	44	—	28	—	—
Office machine operators	479	415	64	42	11	11	—	—
Bookkeeping and billing machine operators	40	35	5	5	—	—	—	—
Keypunch operators	374	325	49	32	6	11	—	—
Payroll and timekeeping clerks	187	166	21	—	5	16	—	—
Receptionists	391	338	47	5	10	32	—	6
Secretaries	3 721	2 921	751	226	137	388	17	32
Stenographers	180	93	87	58	15	14	—	—
Telephone operators	572	534	38	19	—	19	—	—
Typists	992	767	225	56	84	85	—	—
Other clerical and kindred workers	4 257	3 425	788	218	170	400	40	4
<b>Craftsmen and kindred workers</b>	<b>1 085</b>	<b>1 007</b>	<b>34</b>	<b>8</b>	<b>1</b>	<b>25</b>	<b>44</b>	<b>—</b>
Foremen, n.e.c.	294	272	12	6	—	6	10	—
<b>Operatives, except transport</b>	<b>9 873</b>	<b>9 670</b>	<b>117</b>	<b>54</b>	<b>23</b>	<b>40</b>	<b>81</b>	<b>5</b>
Assemblers	465	454	11	5	—	6	—	—
Bottling and canning operatives	11	11	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	914	906	8	8	—	—	—	—
Dressmakers and seamstresses, except factory	139	105	—	—	—	—	34	—
Laundry and drycleaning operatives, including ironers	445	407	38	—	10	28	—	—
Graders and sorters, manufacturing	35	35	—	—	—	—	—	—
Packers and wrappers, except produce	485	473	12	12	—	—	—	—
Sewers and stitchers	1 314	1 305	—	—	—	—	9	—
Textile operatives	3 012	3 005	7	7	—	—	—	—
Other specified operatives	1 919	1 862	25	6	13	6	27	5
Miscellaneous and not specified operatives	1 134	1 107	16	16	—	—	11	—
Manufacturing	1 037	1 021	16	16	—	—	—	—
Durable goods	375	375	—	—	—	—	—	—
Machinery, including electrical	99	99	—	—	—	—	—	—
Other durable goods	276	276	—	—	—	—	—	—
Nondurable goods, including not specified manufacturing	662	646	16	16	—	—	—	—
Food and kindred products	205	205	—	—	—	—	—	—
Apparel and other fabricated textile products	106	106	—	—	—	—	—	—
Nonmanufacturing industries	97	86	—	—	—	—	11	—
Transport equipment operatives	145	118	27	5	—	22	—	—
<b>Laborers, except farm</b>	<b>598</b>	<b>544</b>	<b>28</b>	<b>10</b>	<b>—</b>	<b>18</b>	<b>16</b>	<b>10</b>
Farmers and farm managers	56	—	—	—	—	—	56	—
Farm laborers and farm foremen	116	98	—	—	—	—	—	18
Paid farm laborers and farm foremen	98	98	—	—	—	—	—	—
Unpaid family workers	18	—	—	—	—	—	—	18
<b>Service workers, except private household<sup>1</sup></b>	<b>7 283</b>	<b>5 457</b>	<b>1 353</b>	<b>106</b>	<b>230</b>	<b>1 017</b>	<b>435</b>	<b>38</b>
Cleaning service workers	926	794	128	25	32	71	4	—
Chambermaids and maids	310	275	31	4	7	20	4	—
Food service workers	2 567	2 065	483	5	74	404	3	16
Cooks, except private household	1 016	671	340	5	55	280	—	5
Waiters and food counter workers	1 160	1 110	36	—	10	26	3	11
Health service workers	1 400	945	416	32	91	293	33	6
Nursing aides, orderlies, and attendants	862	539	309	21	63	225	14	—
Practical nurses	300	215	66	6	17	43	19	—
Personal service workers	1 308	840	134	37	15	82	329	5
Hairdressers and cosmetologists	768	493	—	—	—	—	270	5
<b>Private household workers</b>	<b>2 450</b>	<b>2 428</b>	<b>6</b>	<b>—</b>	<b>—</b>	<b>6</b>	<b>16</b>	<b>—</b>
Private household workers, living in	63	63	—	—	—	—	—	—
Private household workers, living out	2 387	2 365	6	—	—	6	16	—

<sup>1</sup>Includes protective service workers and allocated cases not shown separately.

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

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

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

CHATTANOOGA, TENN.—GA., SMSA—Continued

Negro

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
<b>Male, 16 years old and over</b> .....	<b>8 375</b>	<b>6 774</b>	<b>1 315</b>	<b>387</b>	<b>179</b>	<b>749</b>	<b>272</b>	<b>14</b>
<b>Professional, technical, and kindred workers</b> .....	<b>373</b>	<b>135</b>	<b>206</b>	<b>34</b>	<b>14</b>	<b>158</b>	<b>32</b>	—
Accountants .....	—	—	—	—	—	—	—	—
Architects .....	—	—	—	—	—	—	—	—
Computer specialists .....	5	—	5	5	—	—	—	—
Engineers .....	15	9	6	—	—	6	—	—
Aeronautical and astronautical .....	—	—	—	—	—	—	—	—
Civil .....	5	5	—	—	—	—	—	—
Electrical and electronic .....	4	4	—	—	—	—	—	—
Mechanical .....	—	—	—	—	—	—	—	—
Other engineers .....	6	—	6	—	—	6	—	—
Lawyers and judges .....	—	—	—	—	—	—	—	—
Life and physical scientists .....	18	18	—	—	—	—	—	—
Chemists .....	18	18	—	—	—	—	—	—
Physicians, dentists, and related practitioners .....	6	—	—	—	—	—	6	—
Dentists .....	—	—	—	—	—	—	—	—
Pharmacists .....	6	—	—	—	—	—	6	—
Physicians, medical and osteopathic .....	—	—	—	—	—	—	—	—
Other related practitioners .....	—	—	—	—	—	—	—	—
Health technologists and technicians .....	—	—	—	—	—	—	—	—
Religious workers .....	9	9	—	—	—	—	—	—
Social scientists .....	—	—	—	—	—	—	—	—
Social and recreation workers .....	30	13	17	4	5	8	—	—
Teachers .....	107	15	92	5	—	87	—	—
College and university .....	—	—	—	—	—	—	—	—
Elementary and prekindergarten .....	46	4	42	—	—	42	—	—
Secondary .....	51	6	45	—	—	45	—	—
Engineering and science technicians .....	27	18	9	5	4	—	—	—
Draftsmen and surveyors .....	—	—	—	—	—	—	—	—
Electrical and electronic engineering technicians .....	—	—	—	—	—	—	—	—
Technicians, except health, and engineering and science .....	—	—	—	—	—	—	—	—
Airplane pilots .....	—	—	—	—	—	—	—	—
Writers, artists, and entertainers .....	19	15	4	—	—	4	—	—
Other professional, technical, and kindred workers .....	137	38	73	15	5	53	26	—
<b>Managers and administrators, except farm</b> .....	<b>248</b>	<b>120</b>	<b>49</b>	—	<b>9</b>	<b>40</b>	<b>74</b>	<b>5</b>
Buyers, purchasing agents, and sales managers .....	2	2	—	—	—	—	—	—
School administrators .....	29	—	29	—	9	20	—	—
Specified managers and administrators, public administration .....	10	—	10	—	—	10	—	—
Other specified managers and administrators .....	84	40	—	—	—	—	44	—
Managers and administrators, n.e.c., salaried .....	88	78	10	—	—	10	—	—
Manufacturing .....	20	20	—	—	—	—	—	—
Wholesale and retail trade .....	23	23	—	—	—	—	—	—
Transportation, communications and other public utilities .....	—	—	—	—	—	—	—	—
All other industries .....	45	35	10	—	—	10	—	—
Managers and administrators, n.e.c., self-employed .....	35	—	—	—	—	—	30	—
Construction .....	19	—	—	—	—	—	14	—
Manufacturing .....	—	—	—	—	—	—	—	5
Wholesale and retail trade .....	11	—	—	—	—	—	11	—
All other industries .....	5	—	—	—	—	—	5	—
<b>Sales workers</b> .....	<b>104</b>	<b>70</b>	<b>15</b>	—	—	<b>15</b>	<b>19</b>	—
Insurance agents, brokers, and underwriters .....	—	—	—	—	—	—	—	—
Real estate agents and brokers .....	—	—	—	—	—	—	—	—
Sales representatives, manufacturing industries .....	5	5	—	—	—	—	—	—
Sales representatives, wholesale trade .....	5	—	—	—	—	—	—	—
Sales clerks, retail trade .....	34	23	—	—	—	—	11	—
Salesmen, retail trade .....	18	10	—	—	—	—	8	—
Salesmen of services and construction .....	19	4	15	—	—	15	—	—
Other sales workers .....	23	23	—	—	—	—	—	—
<b>Clerical and kindred workers</b> .....	<b>375</b>	<b>289</b>	<b>82</b>	<b>64</b>	<b>5</b>	<b>13</b>	—	<b>4</b>
Bank tellers and cashiers .....	8	8	—	—	—	—	—	—
Bookkeepers and billing clerks .....	16	7	9	5	—	4	—	—
Mail handlers and postal clerks .....	50	23	27	27	—	—	—	—
Other clerical and kindred workers .....	301	251	46	32	5	9	—	4
<b>Craftsmen and kindred workers</b> .....	<b>1 149</b>	<b>985</b>	<b>79</b>	<b>46</b>	<b>15</b>	<b>18</b>	<b>85</b>	—
Apparel craftsmen and upholsterers .....	14	5	—	—	—	—	9	—
Bakers .....	23	23	—	—	—	—	—	—
Cabinetmakers .....	—	—	—	—	—	—	—	—
Construction craftsmen .....	254	174	20	7	5	8	60	—
Carpenters .....	38	23	—	—	—	—	15	—
Excavating, grading, and road machine operators .....	10	5	5	—	—	5	—	—
Electricians .....	34	24	10	7	—	3	—	—
Masons and tile setters .....	53	49	—	—	—	—	4	—
Painters, construction and maintenance, and paperhangers .....	28	16	5	—	5	—	7	—
Plasterers and cement finishers .....	46	35	—	—	—	—	11	—
Plumbers and pipe fitters .....	35	16	—	—	—	—	19	—
Other construction craftsmen .....	10	6	—	—	—	—	4	—
Foremen, n.e.c. .....	85	58	27	17	10	—	—	—
Manufacturing .....	61	49	12	12	—	—	—	—
Nonmanufacturing industries .....	24	9	15	5	10	—	—	—
Linemen and servicemen, telephone and power .....	17	13	4	4	—	—	—	—
Locomotive engineers and firemen .....	5	5	—	—	—	—	—	—
Mechanics and repairmen .....	143	121	11	11	—	—	11	—
Air conditioning, heating, and refrigeration .....	—	—	—	—	—	—	—	—
Aircraft .....	—	—	—	—	—	—	—	—
Automobile, including body .....	84	66	7	7	—	—	11	—
Radio and television .....	7	7	—	—	—	—	—	—
Other mechanics and repairmen .....	52	48	4	4	—	—	—	—
Metal craftsmen, except mechanics .....	228	228	—	—	—	—	—	—
Machinists and job and die setters .....	87	87	—	—	—	—	—	—
Sheetmetal workers and fitters .....	—	—	—	—	—	—	—	—
Tool and die makers .....	—	—	—	—	—	—	—	—
Other metal craftsmen .....	141	141	—	—	—	—	—	—
Printing craftsmen .....	13	3	10	—	—	10	—	—
Compositors and typesetters .....	10	3	10	—	—	10	—	—
Pressmen and plate printers, printing .....	3	—	—	—	—	—	—	—
Stationary engineers and power station operators .....	4	4	—	—	—	—	—	—
Other craftsmen and kindred workers .....	363	351	7	7	—	—	5	—

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

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

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

CHATTANOOGA, TENN.—GA., 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		
<b>Operatives, except transport</b> .....	<b>2 211</b>	<b>2 120</b>	<b>82</b>	<b>67</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>—</b>
Assemblers.....	80	75	5	5	—	—	—	—
Checkers, examiners, and inspectors; manufacturing.....	96	92	4	4	—	—	—	—
Garage workers and gas station attendants.....	72	67	5	5	—	—	—	—
Laundry and drycleaning operatives, n.e.c.....	16	12	4	—	—	4	—	—
Meat cutters and butchers.....	13	13	—	—	—	—	—	—
Mine operatives, n.e.c.....	—	—	—	—	—	—	—	—
Packers and wrappers, except produce.....	60	60	—	—	—	—	—	—
Painters, manufactured articles.....	25	25	—	—	—	—	—	—
Precision machine operatives.....	162	162	—	—	—	—	—	—
Sawyers.....	10	10	—	—	—	—	—	—
Stationary firemen.....	17	10	7	—	7	—	—	—
Textile operatives.....	215	210	5	5	—	—	—	—
Welders and flamecutters.....	80	80	—	—	—	—	—	—
Other metalworking operatives.....	174	174	—	—	—	—	—	—
Other specified operatives.....	488	464	20	20	—	—	4	—
Miscellaneous and not specified operatives.....	703	666	32	28	—	4	5	—
Occupation:								
Machine operatives, miscellaneous specified.....	299	296	3	3	—	—	—	—
Machine operatives, not specified.....	144	131	13	13	—	—	—	—
Miscellaneous operatives.....	206	185	16	12	—	4	5	—
Not specified operatives.....	54	54	—	—	—	—	—	—
Industry:								
Manufacturing.....	617	603	14	14	—	—	—	—
Durable goods.....	407	407	—	—	—	—	—	—
Wood products, including furniture.....	9	9	—	—	—	—	—	—
Primary metal industries.....	143	143	—	—	—	—	—	—
Fabricated metal industries.....	139	139	—	—	—	—	—	—
Machinery, including electrical.....	53	53	—	—	—	—	—	—
Motor vehicles and equipment.....	9	9	—	—	—	—	—	—
Transportation equipment, except motor vehicles.....	13	13	—	—	—	—	—	—
Other durable goods.....	41	41	—	—	—	—	—	—
Nondurable goods.....	205	196	9	9	—	—	—	—
Food and kindred products.....	27	27	—	—	—	—	—	—
Apparel and other fabricated textile products.....	—	—	—	—	—	—	—	—
Paper and allied products.....	64	64	—	—	—	—	—	—
Chemicals and allied products.....	103	94	9	9	—	—	—	—
Other nondurable goods.....	11	11	—	—	—	—	—	—
Not specified manufacturing industries.....	5	5	—	—	—	—	—	—
Nonmanufacturing industries.....	86	63	18	14	—	4	5	—
Transportation, communications, and other public utilities.....	4	—	4	—	—	4	—	—
Wholesale and retail trade.....	41	36	—	—	—	—	5	—
All other industries.....	41	27	14	14	—	—	—	—
Transport equipment operatives.....	834	665	164	47	25	92	5	—
Bus drivers.....	12	4	8	—	—	8	—	—
Taxicab drivers and chauffeurs.....	53	48	5	—	—	5	—	—
Truck drivers and deliverymen.....	443	393	45	7	—	38	5	—
Other transport equipment operatives.....	326	220	106	40	25	41	—	—
<b>Laborers, except farm</b> .....	<b>1 480</b>	<b>1 263</b>	<b>205</b>	<b>24</b>	<b>46</b>	<b>135</b>	<b>7</b>	<b>5</b>
Construction laborers.....	197	163	34	—	6	28	—	—
Freight, stock, and material handlers.....	257	197	60	12	7	41	—	—
Other specified laborers.....	476	404	60	—	33	27	7	5
Miscellaneous and not specified laborers.....	550	499	51	12	—	39	—	—
Occupation:								
Miscellaneous laborers.....	159	144	15	—	—	15	—	—
Not specified laborers.....	391	355	36	12	—	24	—	—
Industry:								
Manufacturing.....	383	379	4	4	—	—	—	—
Durable goods.....	284	284	—	—	—	—	—	—
Wood products, including furniture.....	12	—	—	—	—	—	—	—
Metal industries.....	212	212	—	—	—	—	—	—
Machinery, including electrical.....	28	28	—	—	—	—	—	—
Transportation equipment.....	6	6	—	—	—	—	—	—
Other durable goods.....	26	26	—	—	—	—	—	—
Nondurable goods.....	99	95	4	4	—	—	—	—
Food and kindred products.....	58	58	—	—	—	—	—	—
Not specified manufacturing industries.....	—	—	—	—	—	—	—	—
Nonmanufacturing industries.....	167	120	47	8	—	39	—	—
Railroads and railway express service.....	42	42	—	—	—	—	—	—
Transportation, except railroads.....	5	—	5	—	—	5	—	—
Communications, and utilities and sanitary services.....	25	—	25	8	—	17	—	—
Wholesale and retail trade.....	54	54	—	—	—	—	—	—
All other industries.....	41	24	17	—	—	17	—	—
Farmers and farm managers.....	—	—	—	—	—	—	—	—
Farm laborers and farm foremen.....	73	67	—	—	—	—	6	—
Paid farm laborers and farm foremen.....	73	67	—	—	—	—	6	—
Unpaid family workers.....	—	—	—	—	—	—	—	—
<b>Service workers, except private household<sup>1</sup></b> .....	<b>1 420</b>	<b>952</b>	<b>433</b>	<b>105</b>	<b>58</b>	<b>270</b>	<b>35</b>	<b>—</b>
Cleaning service workers.....	772	498	264	82	31	151	10	—
Food service workers.....	217	199	18	—	9	9	—	—
Cooks, except private household.....	118	112	6	—	—	6	—	—
Busboys and dishwashers.....	58	46	12	—	9	3	—	—
Health service workers.....	42	37	5	—	5	—	—	—
Personal service workers.....	83	65	9	5	—	4	9	—
Protective service workers.....	101	13	88	12	—	76	—	—
Firemen, fire protection.....	10	—	10	—	—	10	—	—
Guards and watchmen.....	25	13	12	12	—	—	—	—
Policemen and detectives.....	47	—	47	—	—	47	—	—
Private household workers.....	108	108	—	—	—	—	—	—

<sup>1</sup>Includes allocated cases not shown separately.



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

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

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

CHATTANOOGA, TENN.—GA., SMSA—Continued

Negro—Continued

	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
<b>Female, 16 years old and over</b>	<b>8 172</b>	<b>6 434</b>	<b>1 622</b>	<b>191</b>	<b>235</b>	<b>1 196</b>	<b>106</b>	<b>10</b>
<b>Professional, technical, and kindred workers</b>	<b>871</b>	<b>239</b>	<b>627</b>	<b>54</b>	<b>79</b>	<b>494</b>	<b>5</b>	
Accountants	14	14	—	—	—	—	—	—
Computer specialists	—	—	—	—	—	—	—	—
Librarians	24	3	21	—	—	21	—	—
Mathematical specialists	—	—	—	—	—	—	—	—
Life and physical scientists	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	104	80	24	4	6	14	—	—
Dietitians	18	11	7	—	—	7	—	—
Registered nurses	81	64	17	4	6	7	—	—
Health technologists and technicians	9	5	4	—	—	4	—	—
Social scientists	—	—	—	—	—	—	—	—
Social and recreation workers	90	22	68	6	11	51	—	—
Teachers: College and university	12	12	—	—	—	—	—	—
Elementary and prekindergarten	327	31	296	4	14	278	—	—
Secondary	71	—	71	—	13	58	—	—
Other teachers	—	—	—	—	—	—	—	—
Engineering and science technicians	11	6	5	5	—	—	—	—
Technicians, except health, and engineering and science	4	4	—	—	—	—	—	—
Writers, artists, and entertainers	10	5	—	—	—	—	5	—
Actors and dancers	—	—	—	—	—	—	—	—
Authors, editors, and reporters	—	—	—	—	—	—	—	—
Other professional, technical, and kindred workers	195	57	138	35	35	68	—	—
<b>Managers and administrators, except farm</b>	<b>81</b>	<b>13</b>	<b>44</b>	<b>4</b>	<b>11</b>	<b>29</b>	<b>24</b>	
Buyers, purchasing agents, and sales managers	4	4	—	—	—	—	—	—
Restaurant, cafeteria, and bar managers	36	—	17	—	—	17	19	—
School administrators	6	—	6	—	—	6	—	—
Other specified managers and administrators	9	—	4	4	—	—	5	—
Managers and administrators, n.e.c., salaried	26	9	17	—	11	6	—	—
Wholesale and retail trade	—	—	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	—	—	—	—	—	—	—	—
Wholesale and retail trade	—	—	—	—	—	—	—	—
<b>Sales workers</b>	<b>160</b>	<b>148</b>	<b>6</b>			<b>6</b>	<b>6</b>	
Demonstrators, hucksters, and peddlers	7	7	—	—	—	—	—	—
Insurance, real estate agents, and brokers	10	10	—	—	—	—	—	—
Sales clerks, retail trade	89	83	—	—	—	—	6	—
Salesmen, retail trade	—	—	—	—	—	—	—	—
Other sales workers	54	48	6	—	—	6	—	—
<b>Clerical and kindred workers</b>	<b>773</b>	<b>475</b>	<b>288</b>	<b>37</b>	<b>25</b>	<b>226</b>	<b>5</b>	<b>5</b>
Bank tellers	9	9	—	—	—	—	—	—
Bookkeepers	60	36	19	—	—	19	—	5
Cashiers	50	44	6	—	—	6	—	—
Counter clerks, except food	17	12	—	—	—	—	5	—
Enumerators and interviewers	5	—	5	5	—	—	—	—
File clerks	27	17	10	—	—	10	—	—
Office machine operators	25	16	9	9	—	—	—	—
Bookkeeping and billing machine operators	—	—	—	—	—	—	—	—
Keypunch operators	25	16	9	9	—	—	—	—
Payroll and timekeeping clerks	4	4	—	—	—	—	—	—
Receptionists	10	5	5	5	—	—	—	—
Secretaries	55	22	33	—	7	26	—	—
Stenographers	—	—	—	—	—	—	—	—
Telephone operators	32	32	—	—	—	—	—	—
Typists	93	47	46	6	7	33	—	—
Other clerical and kindred workers	386	231	155	12	11	132	—	—
<b>Craftsmen and kindred workers</b>	<b>105</b>	<b>94</b>	<b>11</b>			<b>11</b>		
Foremen, n.e.c.	19	19	—	—	—	—	—	—
<b>Operatives, except transport</b>	<b>1 533</b>	<b>1 455</b>	<b>72</b>	<b>28</b>	<b>10</b>	<b>34</b>	<b>6</b>	
Assemblers	68	63	5	5	—	—	—	—
Bottling and canning operatives	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	56	56	—	—	—	—	—	—
Dressmakers and seamstresses, except factory	11	11	—	—	—	—	—	—
Laundry and drycleaning operatives, including ironers	273	235	38	—	10	28	—	—
Graders and sorters, manufacturing	13	13	—	—	—	—	—	—
Packers and wrappers, except produce	94	88	6	6	—	—	—	—
Sewers and stitchers	75	75	—	—	—	—	—	—
Textile operatives	223	223	—	—	—	—	—	—
Other specified operatives	488	476	12	6	—	6	—	—
Miscellaneous and not specified operatives	232	215	11	11	—	—	6	—
Manufacturing	212	201	11	11	—	—	—	—
Durable goods	65	65	—	—	—	—	—	—
Machinery, including electrical	7	7	—	—	—	—	—	—
Other durable goods	58	58	—	—	—	—	—	—
Nondurable goods, including not specified manufacturing	147	136	11	11	—	—	—	—
Food and kindred products	57	57	—	—	—	—	—	—
Apparel and other fabricated textile products	12	12	—	—	—	—	—	—
Nonmanufacturing industries	20	14	—	—	—	—	6	—
Transport equipment operatives	19	8	11	—	—	11	—	—
<b>Laborers, except farm</b>	<b>129</b>	<b>107</b>	<b>22</b>	<b>10</b>		<b>12</b>		
<b>Farmers and farm managers</b>	<b>14</b>						<b>14</b>	
Farm laborers and farm foremen	13	13	—	—	—	—	—	—
Paid farm laborers and farm foremen	13	13	—	—	—	—	—	—
Unpaid family workers	—	—	—	—	—	—	—	—
<b>Service workers, except private household<sup>1</sup></b>	<b>2 571</b>	<b>1 997</b>	<b>535</b>	<b>58</b>	<b>110</b>	<b>367</b>	<b>34</b>	<b>5</b>
Cleaning service workers	646	553	93	21	27	45	—	—
Chambermaids and maids	237	206	31	4	7	20	—	—
Food service workers	810	628	182	5	38	139	—	—
Cooks, except private household	574	429	145	5	28	112	—	—
Waiters and food counter workers	88	73	15	—	10	5	—	—
Health service workers	509	336	165	21	21	123	8	—
Nursing aides, orderlies, and attendants	373	246	127	16	11	100	—	—
Practical nurses	99	72	19	—	4	15	8	—
Personal service workers	206	136	46	11	6	29	19	5
Hairdressers and cosmetologists	80	63	—	—	—	—	12	5
<b>Private household workers</b>	<b>1 903</b>	<b>1 885</b>	<b>6</b>			<b>6</b>	<b>12</b>	
Private household workers, living in	18	18	—	—	—	—	—	—
Private household workers, living out	1 885	1 867	6	—	—	6	12	—

<sup>1</sup>Includes protective service workers and allocated cases not shown separately.

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

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

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

THE STATE

	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	
<b>Total</b>	<b>11 014</b>	<b>1 048 967</b>	<b>28 804</b>	<b>42 071</b>	<b>127 874</b>	<b>139 033</b>	<b>117 921</b>	<b>220 331</b>	<b>202 180</b>	<b>79 446</b>	<b>53 777</b>	<b>37 530</b>	<b>38.1</b>
<b>Male employed</b>	<b>11 014</b>	<b>1 048 967</b>	<b>28 804</b>	<b>42 071</b>	<b>127 874</b>	<b>139 033</b>	<b>117 921</b>	<b>220 331</b>	<b>202 180</b>	<b>79 446</b>	<b>53 777</b>	<b>37 530</b>	<b>38.1</b>
<b>Professional, technical, and kindred workers</b>	<b>137</b>	<b>113 368</b>	<b>484</b>	<b>1 497</b>	<b>13 807</b>	<b>20 047</b>	<b>17 238</b>	<b>26 560</b>	<b>20 543</b>	<b>5 831</b>	<b>4 029</b>	<b>3 332</b>	<b>36.4</b>
Accountants	-	9 014	6	52	1 162	1 710	1 235	1 861	1 675	601	307	405	36.8
Architects	-	1 034	-	-	40	118	156	291	268	92	30	39	42.0
Computer specialists	-	2 688	-	28	522	867	509	522	200	30	5	5	29.6
Engineers	4	17 854	4	83	1 327	3 106	2 772	4 853	3 871	990	606	242	38.4
Aeronautical and astronautical	-	2 286	-	10	131	401	377	614	601	111	29	12	38.6
Civil	-	3 708	-	19	236	611	635	878	755	285	186	103	39.0
Electrical and electronic	-	3 362	-	11	288	573	464	999	682	171	158	16	38.5
Mechanical	-	1 624	-	-	109	243	210	452	468	76	43	23	40.5
Other engineers	4	6 874	4	43	563	1 278	1 086	1 910	1 365	347	190	88	37.4
Lawyers and judges	-	4 111	3	6	60	677	587	869	1 005	277	253	374	43.3
Life and physical scientists	-	2 126	-	33	221	357	411	539	396	73	54	42	35.8
Chemists	-	1 075	-	16	148	201	213	231	183	42	13	28	34.0
Physicians, dentists, and related practitioners	3	8 755	-	20	309	1 012	1 337	2 492	1 885	617	500	583	41.8
Dentists	-	1 362	-	-	5	123	281	325	311	116	84	117	43.4
Pharmacists	-	2 061	-	15	235	364	299	427	277	117	177	150	37.8
Physicians, medical and osteopathic	3	4 293	-	-	46	404	626	1 447	965	334	207	264	42.4
Other related practitioners	-	1 039	-	5	23	121	131	293	332	50	32	52	43.2
Health technologists and technicians	-	1 533	32	67	415	228	134	303	241	66	30	17	30.9
Religious workers	-	5 889	-	9	251	487	736	1 739	1 196	508	509	454	43.4
Social scientists	-	1 242	-	-	107	225	263	308	210	56	46	27	35.8
Social and recreation workers	4	1 770	17	63	276	386	254	295	302	52	76	49	32.8
Teachers	33	17 720	57	130	2 421	3 597	3 100	4 049	2 646	691	600	429	34.3
College and university	5	6 053	10	63	478	1 032	1 191	1 668	941	296	227	147	36.5
Elementary and prekindergarten	5	3 193	5	23	605	720	498	609	406	87	126	114	32.4
Secondary	7	6 782	22	22	1 777	1 542	1 156	1 385	921	246	192	119	32.7
Engineering and science technicians	8	11 204	107	433	2 839	2 379	1 480	2 035	1 297	383	175	76	29.7
Draftsmen and surveyors	4	4 891	79	218	1 520	1 043	652	719	385	152	91	32	28.0
Electrical and electronic engineering technicians	-	1 999	10	31	302	463	263	527	312	60	26	5	33.7
Technicians, except health, and engineering and science	4	5 021	13	45	387	913	1 091	1 313	1 031	118	70	40	35.5
Airplane pilots	-	2 247	-	5	64	378	622	625	495	33	21	4	35.9
Writers, artists, and entertainers	41	7 468	181	272	1 329	1 314	1 060	1 451	1 155	307	183	216	33.0
Other professional, technical, and kindred workers	40	15 939	64	256	2 141	2 671	2 113	3 640	3 165	970	585	334	37.0
<b>Managers and administrators, except farm</b>	<b>83</b>	<b>123 138</b>	<b>294</b>	<b>705</b>	<b>6 735</b>	<b>13 244</b>	<b>15 205</b>	<b>32 400</b>	<b>30 771</b>	<b>11 652</b>	<b>7 043</b>	<b>5 089</b>	<b>42.8</b>
Buyers, purchasing agents, and sales managers	3	14 555	26	95	909	1 753	2 035	4 170	3 430	1 204	677	256	40.9
School administrators	-	2 913	9	-	47	126	369	1 030	794	321	140	77	43.8
Specified managers and administrators, public administration	-	7 706	5	10	131	443	670	1 701	2 737	1 004	617	388	48.3
Other specified managers and administrators	39	20 481	101	169	2 089	3 134	2 750	4 696	4 189	1 507	1 034	812	39.3
Managers and administrators, n.e.c., salaried	29	57 553	142	386	2 995	6 364	7 645	16 158	13 924	5 097	2 837	2 005	42.0
Manufacturing	6	12 641	15	28	335	1 287	1 892	3 741	3 326	1 214	492	311	42.4
Wholesale and retail trade	13	22 116	92	244	1 656	2 737	2 873	5 716	4 959	1 876	1 063	900	41.0
Transportation, communications, and other public utilities	-	4 981	-	5	200	350	587	1 560	1 383	525	275	96	43.6
All other industries	10	17 815	35	109	804	1 990	2 293	5 141	4 256	1 482	1 007	698	42.2
Managers and administrators, n.e.c., self-employed	12	19 930	11	45	564	1 424	1 736	4 645	5 697	2 519	1 738	1 551	47.7
Construction	-	3 898	-	5	159	433	473	1 099	1 017	414	213	85	43.0
Manufacturing	-	1 489	7	-	86	86	103	356	425	218	133	100	48.1
Wholesale and retail trade	12	11 042	-	30	223	630	893	2 461	3 150	1 461	1 052	1 142	49.1
All other industries	-	3 501	4	10	121	275	267	729	1 105	426	340	224	48.1
<b>Sales workers</b>	<b>1 196</b>	<b>77 667</b>	<b>2 113</b>	<b>2 471</b>	<b>8 389</b>	<b>10 795</b>	<b>8 971</b>	<b>17 105</b>	<b>14 767</b>	<b>5 527</b>	<b>4 073</b>	<b>3 456</b>	<b>38.6</b>
Insurance agents, brokers, and underwriters	5	11 092	5	50	1 057	1 807	1 491	2 968	2 209	652	525	328	38.8
Real estate agents and brokers	-	3 779	-	11	189	530	361	791	912	387	241	347	45.0
Sales representatives, manufacturing industries	19	9 463	20	82	658	1 535	1 701	2 473	1 763	543	428	240	38.0
Sales representatives, wholesale trade	38	14 818	61	142	1 332	2 401	1 928	3 551	3 209	1 064	648	482	39.4
Sales clerks, retail trade	333	18 503	1 440	1 573	2 883	1 852	1 422	2 704	2 787	1 369	1 074	1 399	35.3
Salesmen, retail trade	10	9 487	155	207	1 032	1 146	916	2 315	2 006	797	602	311	40.6
Salesmen of services and construction	32	3 489	43	72	346	579	350	922	1 706	194	161	116	38.8
Other sales workers	759	7 036	389	334	882	945	802	1 381	1 175	501	394	233	36.2
<b>Clerical and kindred workers</b>	<b>513</b>	<b>77 444</b>	<b>2 417</b>	<b>4 712</b>	<b>13 795</b>	<b>11 032</b>	<b>7 972</b>	<b>14 539</b>	<b>13 065</b>	<b>4 395</b>	<b>3 109</b>	<b>2 408</b>	<b>34.2</b>
Bank tellers and cashiers	10	2 777	519	487	526	219	161	242	188	125	120	190	23.6
Bookkeepers and billing clerks	8	5 514	55	115	877	788	577	936	977	380	377	432	38.7
Mail handlers and postal clerks	10	9 764	60	213	1 069	1 172	1 057	2 442	2 572	737	322	120	40.4
Other clerical and kindred workers	385	59 389	1 783	3 897	11 323	8 853	6 177	10 919	9 328	3 153	2 290	1 666	33.1
<b>Craftsmen and kindred workers</b>	<b>735</b>	<b>228 945</b>	<b>2 310</b>	<b>6 229</b>	<b>26 982</b>	<b>32 536</b>	<b>27 407</b>	<b>51 800</b>	<b>47 696</b>	<b>17 624</b>	<b>11 017</b>	<b>5 344</b>	<b>38.7</b>
Apparel craftsmen and upholsterers	13	2 214	22	83	263	304	207	514	436	175	149	61	39.4
Bakers	4	1 119	15	47	130	153	133	223	218	117	77	6	38.7
Cabinetmakers	5	1 910	28	58	338	185	174	342	485	169	87	44	40.0
Construction craftsmen	156	69 157	749	2 237	8 495	9 019	7 901	14 232	14 498	6 120	3 918	1 988	39.3
Carpenters	67	22 226	258	811	2 571	2 542	2 021	3 689	4 982	2 560	1 747	1 045	42.9
Excavating, grading, and road machine operators	5	8 397	97	226	848	1 149	1 020	1 968	1 722	829	408	130	39.4
Electricians	-	10 072	45	277	1 536	1 623	1 285	2 171	1 971	755	347	62	36.2
Masons and tile setters	23	7 205	122	274	908	1 037	957	1 798	1 392	331	276	110	36.7
Painters, construction and maintenance, and paperhangers	35	8 488	86	204	894	964	956	1 708	1 864	833	607	372	41.7
Plasterers and cement finishers	7	1 991	11	75	206	192	248	500	484	133	101	41	40.3
Plumbers and pipe fitters	-	7 219	33	207	949	953	963	1 623	1 516	472	331	172	38.1
Other construction craftsmen	19	3 559	97	163	583	559	451	775	567	207	101	56	34.2
Foremen, n.e.c.	32	33 697	26	152	1 628	4 263	4 629	9 627	8 149	2 965	1 669	589	41.4
Manufacturing	19	18 982	8	90	923	2 436	2 844	5 632	4 488	1 552	834	175	40.7
Nonmanufacturing industries	13	14 715	18	62	705	1 827	1 785	3 995	3 661	1 413	835	414	42.4
Linemen and servicemen, telephone and power	6	9 100	32	335	2 226	2 162	1 046	1 884	1 091	173	112	39	29.5

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

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	
<b>Operatives, except transport</b> .....	<b>1 467</b>	<b>152 168</b>	<b>5 714</b>	<b>10 082</b>	<b>24 944</b>	<b>22 236</b>	<b>16 725</b>	<b>29 203</b>	<b>24 691</b>	<b>9 901</b>	<b>5 923</b>	<b>2 749</b>	<b>33.9</b>
Assemblers.....	12	11 874	166	581	2 603	2 626	1 725	2 007	1 498	402	188	78	29.9
Checkers, examiners, and inspectors; manufacturing.....	15	6 159	78	232	765	948	718	1 456	1 252	413	235	62	37.3
Garage workers and gas station attendants.....	395	10 060	1 749	1 313	1 469	874	711	1 280	1 278	492	455	439	27.9
Laundry and drycleaning operatives, n.e.c.....	11	1 191	89	59	153	133	67	196	219	108	113	54	39.8
Meat cutters and butchers.....	32	4 531	207	279	708	624	536	787	796	252	204	138	34.2
Mine operatives, n.e.c.....	6	1 803	7	46	209	236	267	447	335	178	59	19	38.1
Packers and wrappers, except produce.....	19	5 684	451	797	1 069	635	489	831	781	313	224	94	29.1
Painters, manufactured articles.....	13	2 020	43	102	306	280	282	449	365	101	64	28	34.9
Precision machine operatives.....	—	2 253	39	68	382	306	214	446	483	179	90	46	37.6
Sawyers.....	13	3 415	50	123	353	364	333	856	762	269	207	98	40.7
Stationary firemen.....	5	1 583	13	31	112	191	145	422	328	185	94	62	42.1
Textile operatives.....	65	23 053	851	1 649	3 655	2 710	2 040	4 014	4 343	2 215	1 297	279	36.5
Welders and flamecutters.....	14	9 894	65	326	1 408	1 805	1 337	2 426	1 715	474	257	81	35.0
Other metalworking operatives.....	3	3 647	61	207	489	542	394	844	645	272	131	62	36.5
Other specified operatives.....	687	26 798	923	2 161	4 657	4 016	2 830	4 889	4 134	1 604	977	607	32.9
Miscellaneous and not specified operatives.....	177	38 203	922	2 108	6 606	5 946	4 637	7 853	5 757	2 444	1 328	602	33.8
Occupation:													
Machine operatives, miscellaneous specified.....	62	14 061	260	613	2 360	2 274	1 744	3 043	2 171	936	455	205	34.4
Machine operatives, not specified.....	10	8 906	127	517	1 465	1 490	1 190	1 876	1 353	555	215	118	33.6
Miscellaneous operatives.....	81	10 972	436	767	2 125	1 559	1 283	2 106	1 487	567	445	197	32.3
Not specified operatives.....	24	4 264	99	211	656	623	420	828	746	386	213	82	36.5
Industry:													
Manufacturing.....	85	29 447	584	1 577	4 969	4 758	3 769	6 174	4 433	1 867	972	344	33.8
Durable goods.....	45	14 141	237	783	2 325	2 227	1 690	2 822	2 253	1 066	565	173	34.4
Wood products, including furniture.....	14	2 943	87	163	409	319	286	568	542	300	191	78	38.7
Primary metal industries.....	3	1 322	26	117	263	194	166	269	198	64	25	—	31.8
Fabricated metal industries.....	10	1 644	41	107	270	292	169	348	231	108	62	16	33.3
Machinery, including electrical.....	18	1 975	36	133	386	322	275	311	287	134	77	14	32.0
Motor vehicles and equipment.....	—	1 152	4	42	247	246	154	222	123	71	39	4	31.2
Transportation equipment, except motor vehicles.....	—	2 277	5	93	319	420	308	504	390	169	53	16	34.9
Other durable goods.....	—	2 828	38	128	431	434	332	600	482	220	118	45	35.9
Nondurable goods.....	40	15 082	329	761	2 600	2 503	2 058	3 332	2 139	786	407	167	33.3
Food and kindred products.....	17	3 876	131	221	527	622	535	785	619	224	119	93	34.1
Apparel and other fabricated textile products.....	7	1 227	62	103	200	123	153	208	197	111	62	8	34.1
Paper and allied products.....	—	5 174	44	204	792	968	802	1 379	679	224	82	—	33.6
Chemicals and allied products.....	5	1 969	9	60	323	293	252	486	340	88	96	22	36.0
Other nondurable goods.....	11	2 836	83	173	758	497	316	474	304	139	48	44	29.1
Not specified manufacturing industries.....	—	224	18	33	44	28	21	20	41	15	—	4	28.0
Nonmanufacturing industries.....	92	8 756	338	531	1 637	1 188	868	1 679	1 324	577	356	258	33.9
Transportation, communications, and other public utilities.....	14	1 788	15	145	385	277	137	319	265	119	100	26	32.6
Wholesale and retail trade.....	55	2 669	160	171	461	330	277	515	406	157	76	116	33.8
All other industries.....	23	4 299	163	215	791	581	454	845	653	301	180	116	34.4
Transport equipment operatives.....	373	69 725	1 258	2 479	8 582	9 687	8 338	16 339	13 326	5 060	3 052	1 604	37.8
Bus drivers.....	12	4 135	6	20	150	257	224	716	1 237	682	670	173	50.6
Taxicab drivers and chauffeurs.....	—	2 826	35	52	238	288	228	461	766	322	205	231	46.4
Truck drivers and deliverymen.....	199	49 193	975	1 873	6 020	7 003	6 275	12 245	9 289	3 151	1 614	748	37.0
Other transport equipment operatives.....	162	13 571	242	534	2 174	2 139	1 611	2 917	2 034	905	563	452	35.3
Laborers, except farm.....	2 685	82 382	7 335	7 695	12 270	8 736	6 686	13 094	12 984	6 090	4 413	3 079	33.9
Construction laborers.....	178	16 276	737	1 344	2 550	1 708	1 434	2 951	2 896	1 293	884	479	36.2
Freight, stock, and material handlers.....	1 093	29 826	4 362	3 749	4 875	3 184	2 262	4 334	3 743	1 761	1 040	516	28.0
Other specified laborers.....	1 195	23 301	1 398	1 645	3 071	2 402	2 020	3 900	3 841	1 862	1 610	1 552	37.9
Miscellaneous and not specified laborers.....	219	12 979	838	957	1 774	1 442	970	1 909	2 504	1 174	679	532	37.7
Occupation:													
Miscellaneous laborers.....	28	4 447	194	219	561	445	410	729	900	468	373	148	40.4
Not specified laborers.....	191	8 532	644	738	1 213	997	560	1 180	1 604	706	506	384	36.0
Industry:													
Manufacturing.....	57	5 889	354	489	901	806	428	855	1 053	581	285	137	34.6
Durable goods.....	17	2 627	128	235	423	351	216	378	538	181	96	81	34.1
Wood products, including furniture.....	4	833	38	39	119	58	93	116	198	77	50	45	41.0
Metal industries.....	13	604	28	83	88	93	25	95	89	76	12	15	32.0
Machinery, including electrical.....	—	250	42	40	40	28	5	16	59	4	10	6	25.5
Transportation equipment.....	—	391	4	44	72	89	42	60	70	7	—	3	29.2
Other durable goods.....	—	549	16	29	104	83	51	91	122	17	24	12	34.2
Nondurable goods.....	35	3 224	217	254	478	444	206	475	515	396	189	50	35.3
Food and kindred products.....	18	972	88	66	122	159	81	127	142	131	42	14	33.1
Not specified manufacturing industries.....	5	38	9	—	—	11	6	2	—	4	—	—	—
Nonmanufacturing industries.....	162	7 090	484	468	873	636	542	1 054	1 451	593	594	395	40.1
Railroads and railway express service.....	—	864	—	19	99	100	37	111	256	122	86	34	47.6
Transportation, except railroads.....	9	366	36	32	51	37	26	70	59	—	36	19	35.1
Communications, and utilities and sanitary services.....	5	1 016	15	52	119	100	115	205	217	85	55	53	40.2
Wholesale and retail trade.....	104	1 930	209	181	279	176	183	312	309	110	81	90	33.3
All other industries.....	44	2 914	224	184	325	223	181	356	610	276	336	199	44.0
Farmers and farm managers.....	45	27 111	73	209	1 124	1 730	1 848	4 464	7 049	4 145	3 180	3 289	50.8
Farm laborers and farm foremen.....	858	26 266	1 738	1 689	3 021	2 485	2 146	3 716	4 584	2 652	2 208	2 027	40.5
Paid farm laborers and farm foremen.....	761	25 270	1 606	1 437	2 820	2 428	2 112	3 628	4 509	2 562	2 159	2 009	41.2
Unpaid family workers.....	97	996	132	252	201	57	34	88	75	90	49	18	22.8
Service workers, except private household <sup>1</sup> .....	2 813	69 283	5 016	4 251	8 087	6 411	5 329	10 815	12 434	6 422	5 618	4 900	40.1
Cleaning service workers.....	758	24 410	1 658	1 261	2 184	1 587	1 579	3 608	4 758	2 875	2 715	2 185	45.7
Food service workers.....	1 293	11 199	2 411	1 512	1 675	889	719	1 385	1 358	586	360	304	25.0
Cooks, except private household.....	308	4 737	753	504	571	379	404	727	803	303	195	98	32.0
Busboys and dishwashers.....	519	1 739	708	369	265	61	31	52	87	70	15	81	18.9
Health service workers.....	40	3 616	218	367	748	353	305	505	624	247	173	76	32.0
Personal service workers.....	198	7 183	368	421	796	724	565	1 176	1 329	610	512	682	41.1
Protective service workers.....	9	17 588	45	203	1 799	2 274	1 690	3 204	3 597	1 766	1 606	1 404	43.7
Firemen, fire protection.....	—												

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	
<b>Female employed</b>	<b>4 455</b>	<b>697 802</b>	<b>14 351</b>	<b>33 167</b>	<b>109 007</b>	<b>83 850</b>	<b>71 068</b>	<b>145 960</b>	<b>133 391</b>	<b>51 264</b>	<b>33 744</b>	<b>22 000</b>	<b>37.6</b>
<b>Professional, technical, and kindred workers</b>	<b>105</b>	<b>95 674</b>	<b>376</b>	<b>1 299</b>	<b>16 242</b>	<b>15 128</b>	<b>10 321</b>	<b>20 021</b>	<b>17 094</b>	<b>7 039</b>	<b>5 083</b>	<b>3 071</b>	<b>37.2</b>
Accountants	—	4 883	11	173	790	563	427	1 238	1 142	273	179	87	38.9
Computer specialists	—	840	4	21	311	226	59	133	64	18	4	—	26.9
Librarians	5	2 331	15	64	252	200	204	544	544	280	190	86	43.7
Mathematical specialists	—	173	—	5	116	34	6	38	29	—	17	5	35.7
Life and physical scientists	—	479	—	—	116	94	92	110	43	11	9	4	31.6
Registered nurses, dietitians, and therapists	32	15 983	45	163	2 388	2 061	1 691	3 671	3 116	1 312	960	576	39.5
Dietitians	9	1 079	11	18	59	85	75	245	243	158	126	59	46.9
Registered nurses	23	14 308	29	124	2 166	1 842	1 580	3 323	2 786	1 149	801	508	39.3
Health technologists and technicians	—	3 759	9	168	943	741	476	671	497	117	80	57	30.2
Social scientists	—	247	—	—	48	67	30	43	37	10	—	12	31.4
Social and recreation workers	—	3 194	14	8	708	583	289	568	593	199	174	58	34.9
Teachers: College and university	—	2 507	6	73	421	422	372	559	342	180	81	51	34.5
Elementary and prekindergarten	26	31 580	84	154	4 731	4 972	3 401	6 696	5 634	2 725	2 187	996	38.7
Secondary	4	10 648	24	31	2 261	2 312	1 124	1 889	1 668	685	414	240	33.1
Other teachers	—	2 731	57	44	287	406	327	520	401	241	145	303	39.7
Engineering and science technicians	—	1 632	6	63	395	192	124	419	254	107	50	22	35.9
Technicians, except health, and engineering and science	—	320	—	4	64	29	60	68	50	19	15	11	35.4
Writers, artists, and entertainers	30	3 499	83	142	675	551	343	681	523	163	158	180	34.4
Actors and dancers	—	108	19	22	31	9	—	12	6	5	4	—	22.1
Authors, editors, and reporters	—	887	11	31	165	114	86	161	150	36	56	77	37.3
Other professional, technical, and kindred workers	8	10 868	18	186	1 813	1 675	1 296	2 221	2 157	699	420	383	37.0
<b>Managers and administrators, except farm</b>	<b>25</b>	<b>24 187</b>	<b>81</b>	<b>294</b>	<b>1 777</b>	<b>2 140</b>	<b>2 102</b>	<b>5 258</b>	<b>6 478</b>	<b>2 908</b>	<b>1 814</b>	<b>1 335</b>	<b>45.7</b>
Buyers, purchasing agents, and sales managers	—	2 466	—	29	272	313	164	544	706	239	103	96	43.4
Restaurant, cafeteria, and bar managers	—	2 839	—	24	95	97	326	616	841	485	211	144	48.1
School administrators	—	1 236	—	24	53	70	75	224	343	212	173	62	50.0
Other specified managers and administrators	16	5 719	37	97	683	653	490	1 336	1 270	565	369	219	41.7
Managers and administrators, n.e.c., salaried	9	8 239	24	93	622	853	795	1 876	2 199	865	535	377	44.2
Wholesale and retail trade	4	3 377	8	46	282	344	255	777	877	380	233	175	44.7
Managers and administrators, n.e.c., self-employed	—	3 688	20	27	52	154	252	662	1 119	542	423	437	51.1
Wholesale and retail trade	—	2 667	8	27	46	106	147	408	804	436	357	328	52.4
<b>Sales workers</b>	<b>504</b>	<b>43 456</b>	<b>2 312</b>	<b>2 635</b>	<b>4 531</b>	<b>3 025</b>	<b>3 219</b>	<b>8 053</b>	<b>10 037</b>	<b>4 290</b>	<b>3 037</b>	<b>2 317</b>	<b>42.5</b>
Demonstrators, hucksters, and peddlers	14	2 335	12	68	242	305	343	504	390	220	143	108	38.9
Insurance, real estate agents, and brokers	—	3 120	—	28	253	352	263	715	897	297	168	147	44.3
Sales clerks, retail trade	309	29 846	2 039	2 081	2 858	1 407	1 874	5 223	7 108	3 174	2 327	1 755	43.9
Salesmen, retail trade	6	1 245	27	66	84	114	71	305	278	175	61	64	43.5
Other sales workers	175	6 910	234	392	1 094	847	668	1 306	1 364	424	338	243	36.7
<b>Clerical and kindred workers</b>	<b>828</b>	<b>208 368</b>	<b>5 017</b>	<b>15 948</b>	<b>46 429</b>	<b>27 824</b>	<b>21 765</b>	<b>40 919</b>	<b>31 553</b>	<b>9 469</b>	<b>6 050</b>	<b>3 394</b>	<b>32.1</b>
Bank tellers	9	4 342	12	187	1 219	688	574	970	538	64	62	28	30.6
Bookkeepers	29	27 158	304	1 136	4 291	3 284	2 919	6 732	5 288	1 543	1 017	644	37.4
Cashiers	106	14 955	1 003	3 325	2 523	1 782	1 518	2 873	2 398	885	398	250	32.8
Counter clerks, except food	14	3 684	145	335	571	384	346	682	694	248	181	98	35.9
Enumerators and interviewers	6	1 584	10	81	210	241	187	434	292	69	51	9	36.5
File clerks	50	5 222	347	756	1 304	664	464	674	673	172	101	67	26.5
Office machine operators	6	7 551	119	637	2 215	1 305	950	1 210	789	212	79	35	28.1
Bookkeeping and billing machine operators	—	845	21	78	265	114	88	148	83	19	16	13	27.6
Keypunch operators	—	5 133	80	436	1 588	992	740	805	378	88	16	10	27.3
Payroll and timekeeping clerks	—	2 556	6	79	373	323	319	589	564	188	71	44	38.0
Receptionists	15	4 731	149	400	1 226	546	373	790	673	248	184	142	30.6
Secretaries	64	53 478	446	3 276	13 162	8 499	6 244	10 333	7 544	2 046	1 255	673	31.1
Stenographers	6	2 453	20	140	701	369	162	447	425	65	67	57	30.0
Telephone operators	11	8 413	464	1 256	2 357	905	607	1 389	777	261	249	148	25.7
Typists	26	15 323	497	2 147	4 623	2 019	1 241	2 358	1 583	440	295	120	26.0
Other clerical and kindred workers	486	56 918	1 495	4 193	11 654	6 815	5 861	11 438	9 315	3 028	2 040	1 079	33.7
<b>Craftsmen and kindred workers</b>	<b>46</b>	<b>13 386</b>	<b>138</b>	<b>435</b>	<b>1 394</b>	<b>1 503</b>	<b>1 490</b>	<b>3 362</b>	<b>3 127</b>	<b>995</b>	<b>532</b>	<b>410</b>	<b>40.2</b>
Foremen, n.e.c.	—	4 041	4	53	285	372	509	1 094	1 148	361	149	66	42.3
<b>Operatives, except transport</b>	<b>674</b>	<b>140 446</b>	<b>1 765</b>	<b>5 620</b>	<b>19 667</b>	<b>17 720</b>	<b>16 027</b>	<b>33 251</b>	<b>28 456</b>	<b>10 246</b>	<b>5 340</b>	<b>2 354</b>	<b>37.8</b>
Assemblers	9	3 985	25	222	690	665	424	1 056	670	165	34	34	34.6
Bottling and canning operatives	—	180	—	—	35	19	17	—	29	—	21	—	38.2
Checkers, examiners, and inspectors, manufacturing	10	10 960	57	356	1 218	1 124	1 146	2 647	2 811	1 073	447	81	41.0
Dressmakers and seamstresses, except factory	—	2 005	5	15	74	78	92	285	381	438	297	340	55.8
Laundry and drycleaning operatives, including ironers	22	7 549	79	163	908	858	738	1 966	1 658	691	288	200	40.2
Graders and sorters, manufacturing	—	895	—	—	87	86	73	243	224	80	44	22	41.8
Packers and wrappers, except produce	37	9 701	156	454	1 461	1 277	1 357	2 441	1 763	473	227	92	35.6
Sewers and stitchers	66	43 641	656	2 140	7 034	6 179	5 006	10 669	7 995	2 792	1 329	441	35.8
Textile operatives	37	25 367	208	831	2 773	2 839	2 794	5 956	6 113	2 340	1 183	330	40.4
Other specified operatives	451	18 530	364	791	2 785	2 248	2 159	4 043	3 535	1 135	902	568	37.3
Miscellaneous and not specified operatives	42	17 633	208	619	2 602	2 347	2 221	4 486	3 277	1 059	568	246	36.8
Manufacturing	30	15 408	163	507	2 242	2 095	2 005	4 016	2 850	863	456	191	36.7
Durable goods	5	4 877	63	139	761	772	749	1 213	852	167	118	43	34.7
Machinery, including electrical	—	4 530	12	30	84	82	109	138	60	11	4	—	32.6
Other durable goods	5	4 347	51	109	677	690	640	1 075	792	156	114	43	35.1
Nondurable goods, including not specified manufacturing	25	10 531	120	368	1 481	1 323	1 256	2 803	1 998	696	338	148	37.6
Food and kindred products	12	3 290	59	132	453	415	393	908	535	234	128	33	37.1
Apparel and other fabricated textile products	8	3 722	37	136	496	428	427	1 029	767	259	81	62	38.3
Nonmanufacturing industries	12	2 225	25	112	360	252	216	470	427	196	112	55	38.1
<b>Transport equipment operatives</b>	<b>21</b>	<b>2 991</b>	<b>105</b>	<b>75</b>	<b>206</b>	<b>416</b>	<b>453</b>	<b>786</b>	<b>582</b>	<b>157</b>	<b>87</b>	<b>124</b>	<b>38.1</b>
<b>Laborers, except farm</b>	<b>100</b>	<b>8 798</b>	<b>325</b>	<b>419</b>	<b>1 142</b>	<b>1 122</b>	<b>984</b>	<b>1 792</b>	<b>1 575</b>	<b>717</b>	<b>395</b>	<b>327</b>	<b>37.3</b>
<b>Farmers and farm managers</b>	<b>23</b>	<b>1 666</b>	<b>16</b>	<b>30</b>	<b>57</b>	<b>133</b>	<b>128</b>	<b>342</b>	<b>423</b>	<b>250</b>	<b>146</b>	<b>141</b>	<b>48.0</b>
<b>Farm laborers and farm foremen</b>	<b>187</b>	<b>6 483</b>	<b>259</b>	<b>293</b>	<b>716</b>	<b>78</b>							

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 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					
<b>Negro</b>																	
<b>Male employed</b>	<b>2 886</b>	<b>212 002</b>	<b>6 449</b>	<b>11 192</b>	<b>30 005</b>	<b>27 103</b>	<b>22 781</b>	<b>41 354</b>	<b>37 492</b>	<b>15 791</b>	<b>11 259</b>	<b>8 576</b>	<b>37.0</b>				
Professional, technical, and kindred workers	30	7 379	44	165	912	1 385	1 156	1 616	1 111	392	303	295	35.2				
Engineers	—	254	—	5	21	36	42	96	36	8	10	—	37.4				
Lawyers and judges	—	56	—	—	6	18	—	30	—	—	—	—	—				
Life and physical scientists	—	—	—	—	16	10	19	11	—	—	—	—	—				
Physicians, dentists, and related practitioners	—	211	—	—	10	50	11	50	37	21	10	22	41.9				
Health workers, except practitioners	6	350	12	25	79	32	55	71	41	6	14	15	32.5				
Social and recreation workers	4	315	5	11	39	86	61	35	47	21	10	—	31.4				
Teachers	7	3 222	16	36	262	715	617	810	475	123	86	82	34.7				
Technicians, except health	—	501	—	10	108	110	59	119	75	15	5	—	31.9				
Writers, artists, and entertainers	10	415	11	26	99	82	47	64	60	17	5	4	29.4				
Other professional, technical, and kindred workers	3	2 001	—	52	272	246	245	330	340	181	163	172	40.6				
Managers and administrators, except farm	25	5 018	21	76	288	565	629	1 183	1 228	467	276	285	42.9				
Salaried	20	3 599	21	58	240	461	481	882	842	310	149	155	41.1				
Self-employed	5	1 419	—	18	48	104	148	301	386	157	127	130	47.3				
Manufacturing	10	272	—	9	17	48	62	68	37	20	11	—	35.0				
Retail trade	—	918	17	41	87	196	115	162	174	58	39	29	35.2				
All other industries	10	2 409	4	8	136	217	304	652	631	232	99	126	43.2				
Sales workers	5	1 419	—	18	48	104	148	301	386	157	127	130	47.3				
Retail trade	—	531	—	—	4	41	57	92	134	62	70	71	50.3				
All other industries	5	888	—	18	44	63	91	209	252	95	57	59	45.8				
Manufacturing and wholesale trade	135	2 623	179	157	447	372	259	452	350	111	159	137	33.0				
Manufacturing	84	540	63	33	95	88	54	83	54	19	26	25	29.5				
Retail trade	34	1 508	116	124	268	164	140	225	221	66	104	80	32.9				
All other industries	17	575	—	—	84	120	65	144	75	26	29	32	36.3				
Clerical and kindred workers	91	12 133	291	809	2 557	1 957	1 415	2 344	1 706	545	342	167	31.6				
Bookkeepers and billing clerks	—	247	5	5	46	46	55	36	44	4	—	6	32.0				
Mail handlers and postal clerks	—	2 736	23	65	571	454	309	658	417	129	102	8	34.1				
Other clerical and kindred workers	91	9 150	263	739	1 940	1 457	1 051	1 650	1 245	412	240	153	30.8				
Craftsmen and kindred workers	180	30 972	436	1 079	4 160	4 193	3 797	7 034	6 024	2 002	1 355	892	37.6				
Carpenters	15	3 236	43	105	459	412	314	591	717	254	182	159	39.8				
Construction craftsmen, except carpenters	15	10 317	103	288	1 144	1 291	1 349	2 524	2 173	704	477	264	38.9				
Automobile mechanics, including body repairmen	13	3 354	70	101	413	517	430	748	686	205	99	85	37.0				
Mechanics and repairmen, except auto	4	3 540	26	82	521	440	488	886	722	177	134	64	37.4				
Machinists	—	493	5	24	78	56	66	88	105	38	28	5	37.0				
Metal craftsmen, except mechanics and machinists	—	582	13	21	95	61	82	165	94	27	18	6	36.2				
Foremen, n.e.c.	10	1 605	8	13	110	321	196	472	259	111	71	44	38.3				
Other craftsmen and kindred workers	123	7 845	168	445	1 340	1 095	872	1 560	1 268	486	346	265	35.0				
Operatives, except transport	327	41 475	1 087	2 783	7 710	6 367	5 063	8 118	6 084	2 270	1 331	662	32.8				
Assemblers	7	2 954	24	132	740	781	572	416	190	56	30	13	28.7				
Garage workers and gas station attendants	79	2 011	165	188	292	200	212	431	295	90	81	57	33.8				
Laundry and drycleaning operatives, including ironers	7	1 074	45	60	181	148	44	222	245	70	48	11	37.7				
Precision machine operatives	—	399	20	10	81	43	40	88	76	25	16	—	35.6				
Other operatives, except transport	234	35 037	833	2 393	6 416	5 195	4 195	6 961	5 278	2 029	1 156	581	33.2				
Durable goods, manufacturing	62	11 784	202	662	2 007	1 858	1 511	2 505	1 694	765	425	155	33.8				
Nondurable goods, including not specified manufacturing	124	15 115	405	1 292	3 133	2 356	1 809	2 685	2 090	707	428	210	31.0				
Nonmanufacturing industries	48	8 138	226	439	1 276	981	875	1 771	1 494	557	303	216	36.5				
Transport equipment operatives	121	23 620	220	758	2 895	3 361	2 793	5 576	4 633	1 740	1 098	546	38.2				
Truck drivers	19	11 951	76	324	1 353	1 638	1 548	3 177	2 446	788	457	144	38.3				
Other transport equipment operatives	102	11 669	144	434	1 542	1 723	1 245	2 399	2 187	952	641	402	38.1				
Laborers, except farm	724	42 339	1 393	2 501	5 775	4 659	3 914	8 056	7 814	3 666	2 598	1 963	38.6				
Construction laborers	32	8 489	197	435	1 100	924	837	1 812	1 742	769	394	279	39.1				
Freight, stock, and material handlers	221	13 131	471	964	2 197	1 597	1 236	2 630	2 166	1 041	581	248	35.4				
Other laborers, except farm	471	20 719	725	1 102	2 478	2 138	1 841	3 614	3 906	1 856	1 623	1 436	40.7				
Manufacturing industries	87	8 221	250	410	1 060	1 098	850	1 615	1 636	687	392	223	37.7				
Farmers and farm managers	22	2 800	11	46	104	144	197	335	273	462	296	432	52.3				
Farm laborers and farm foremen	359	14 322	825	854	1 578	1 426	1 239	2 042	2 630	1 388	1 146	1 194	41.1				
Service workers, except private household <sup>1</sup>	830	28 054	1 895	1 925	3 471	2 602	2 267	4 341	4 908	2 601	2 259	1 785	39.3				
Cleaning service workers	319	15 014	820	726	1 428	1 021	1 060	2 387	2 958	1 770	1 619	1 225	45.2				
Food service workers	281	5 294	796	650	681	604	438	757	656	300	225	187	29.3				
Health service workers	3	1 859	74	203	419	252	192	248	259	99	72	41	29.6				
Personal service workers	35	1 633	46	84	198	153	127	231	370	184	135	105	44.0				
Protective service workers	—	1 482	—	47	300	252	182	239	250	63	75	74	33.9				
Private household workers	42	1 267	47	39	108	72	52	257	231	147	96	218	47.5				
<b>Female employed</b>	<b>1 279</b>	<b>180 442</b>	<b>3 345</b>	<b>7 695</b>	<b>26 030</b>	<b>22 622</b>	<b>20 577</b>	<b>38 468</b>	<b>32 183</b>	<b>13 105</b>	<b>8 944</b>	<b>7 451</b>	<b>37.6</b>				
Professional, technical, and kindred workers	17	17 121	108	254	2 230	2 865	2 314	4 458	2 804	1 094	575	419	36.8				
Registered nurses	—	2 074	14	34	275	305	268	534	420	102	80	42	37.6				
Health workers, except nurses	9	771	11	31	133	140	87	214	104	23	10	11	33.9				
Teachers, elementary and secondary schools	8	10 490	42	61	1 099	1 079	1 474	2 803	1 769	745	365	253	37.5				
Technicians, except health	—	155	—	5	52	24	6	30	15	11	3	—	29.3				
Other professional, technical, and kindred workers	—	3 631	41	120	671	517	479	873	494	213	111	110	34.9				
Managers and administrators, except farm	3	1 951	16	25	141	121	242	376	430	282	159	145	46.3				
Salaried	3	1 431	11	25	127	112	215	272	283	182	116	88	43.3				
Self-employed	—	520	5	—	14	9	27	104	147	114	43	57	51.9				
Sales workers	61	3 179	97	265	524	459	404	661	421	127	108	113	33.0				
Retail trade	56	2 578	85	253	448	366	367	506	270	98	98	87	31.9				
Clerical and kindred workers	186	18 462	892	2 143	6 000	3 059	2 051	2 331	1 285	327	224	150	25.3				
Bookkeepers and cashiers	18	2 467	107	246	644	385	278	402	252	59	50	44	28.1				
Office machine operators	—	722	24	56	298	177	93	40	26	8	—	—	24.7				
Secretaries, stenographers, and typists	5	4 076	180	503	1 502	735	436	461	171	48	26	14	24.5				
Other clerical and kindred workers	163	11 197	581	1 338	3 556	1 762	1 244	1 428	836	212	148	92	25.4				
Craftsmen and kindred workers	—	2 236	35	104	316	285	320	571	375	95	62	73	36.0				
Operatives, except transport	185	35 350	392	1 875	7 473	6 183	5 101	7 999	4 066	1 180	541	540	31.7				
Sewers and stitchers	17	7 581	81	626	2 207	1 630	1 226	1 275	380	78	21	57	27.7				
Laundry and drycleaning operatives, including ironers	16	5 672	56	114	807	717	608	1 466	1 161	423	163	157	38.6				
Other operatives, except transport	152	22 097</															

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	
<b>Male employed</b>	<b>91</b>	<b>5 772</b>	<b>159</b>	<b>196</b>	<b>850</b>	<b>1 035</b>	<b>832</b>	<b>1 291</b>	<b>894</b>	<b>191</b>	<b>212</b>	<b>112</b>	<b>33.9</b>
Professional, technical, and kindred workers		1 397	—	14	166	286	229	393	184	63	33	29	35.1
Engineers		265	—	—	14	90	55	60	40	—	6	—	32.6
Lawyers and judges		19	—	—	—	—	—	19	—	—	—	—	...
Life and physical scientists		15	—	—	—	—	15	—	—	—	—	—	...
Physicians, dentists, and related practitioners		204	—	5	—	18	—	71	47	37	12	14	46.7
Health workers, except practitioners		46	—	—	—	21	—	—	25	—	—	—	...
Social and recreation workers		6	—	—	—	6	—	—	—	—	—	—	...
Teachers		233	—	—	41	24	46	82	12	13	—	15	35.7
Technicians, except health		176	—	9	36	48	21	55	7	—	—	—	29.5
Writers, artists, and entertainers		110	—	—	30	5	27	15	—	—	6	—	33.7
Other professional, technical, and kindred workers		323	—	—	45	74	65	79	38	13	9	—	33.3
Managers and administrators, except farm		937	—	7	74	127	147	279	219	37	14	33	39.1
Salaried		836	—	7	74	121	140	261	192	24	6	11	37.9
Manufacturing		122	—	—	—	11	—	63	48	—	—	—	42.9
Retail trade		281	—	—	35	33	58	82	67	6	—	—	36.8
All other industries		433	—	7	39	77	82	116	77	18	6	11	36.0
Self-employed		101	—	—	—	6	7	18	27	13	8	22	52.2
Retail trade		53	—	—	—	—	—	10	15	5	8	15	...
All other industries		48	—	—	—	6	7	8	12	8	—	7	...
Sales workers	7	460	14	21	53	103	86	54	85	5	39	—	32.3
Manufacturing and wholesale trade	7	216	—	7	15	48	36	28	68	—	14	—	35.7
Retail trade		134	14	14	23	28	20	11	5	5	14	—	27.9
All other industries		110	—	—	15	27	30	15	12	—	11	—	32.2
Clerical and kindred workers		572	11	60	160	97	37	88	61	18	26	14	27.8
Bookkeepers and billing clerks		40	—	9	—	13	—	—	18	—	—	—	...
Mail handlers and postal clerks		26	—	10	7	—	—	—	—	—	9	—	...
Other clerical and kindred workers		506	11	41	153	84	37	88	43	18	17	14	27.9
Craftsmen and kindred workers		933	7	6	147	114	187	190	193	40	33	16	35.3
Carpenters		28	—	—	—	—	13	8	—	—	7	—	...
Construction craftsmen, except carpenters		141	7	—	38	13	20	36	13	14	—	—	33.1
Automobile mechanics, including body repairmen		65	—	—	15	15	16	6	13	—	—	—	...
Mechanics and repairmen, except auto		232	—	—	33	35	34	43	73	6	8	—	38.3
Machinists		26	—	—	—	—	7	—	13	—	—	6	...
Metal craftsmen, except mechanics and machinists		22	—	—	—	—	6	—	16	—	—	—	...
Foremen, n.e.c.		176	—	—	15	20	42	45	40	8	—	6	37.4
Other craftsmen and kindred workers		243	—	6	46	31	49	52	25	12	18	4	33.9
Operatives, except transport	14	551	28	46	57	158	65	102	45	9	30	11	29.6
Assemblers		86	—	—	24	24	26	6	6	—	—	—	...
Garage workers and gas station attendants	7	59	28	31	—	—	—	—	—	—	—	—	...
Laundry and drycleaning operatives, including ironers		6	—	—	6	—	—	—	—	—	—	—	...
Precision machine operatives		—	—	—	—	—	—	—	—	—	—	—	...
Other operatives, except transport	7	400	—	15	27	134	39	96	39	9	30	11	33.1
Durable goods, manufacturing	7	117	—	9	8	37	5	26	12	5	8	7	34.5
Nondurable goods, including not specified manufacturing		141	—	—	19	56	14	23	14	4	7	4	29.6
Nonmanufacturing industries		142	—	6	—	41	20	47	13	—	15	—	35.9
Transport equipment operatives	6	216	13	7	19	64	7	58	41	—	7	—	33.6
Truck drivers		110	—	7	19	33	—	36	8	—	7	—	29.4
Other transport equipment operatives	6	106	13	—	—	31	7	22	33	—	—	—	35.9
Laborers, except farm	28	211	28	—	70	28	41	23	7	14	—	—	26.3
Construction laborers		21	—	—	11	—	10	—	—	—	—	—	...
Freight, stock, and material handlers	5	84	19	—	7	22	22	14	—	—	—	—	...
Other laborers, except farm	23	106	9	—	52	6	9	9	7	14	—	—	24.2
Manufacturing industries		37	—	—	29	—	—	—	—	8	—	—	...
Farmers and farm managers		23	—	—	—	—	—	6	—	—	8	9	...
Farm laborers and farm foremen	9	67	9	5	25	7	—	15	6	—	—	—	...
Service workers, except private household <sup>1</sup>	27	405	49	30	79	51	33	83	53	5	22	—	29.4
Cleaning service workers	15	59	6	12	10	—	—	13	18	—	—	—	...
Food service workers	5	140	28	5	42	14	6	27	11	—	7	—	24.4
Health service workers		15	—	—	—	8	—	7	—	—	—	—	...
Personal service workers		68	9	5	8	7	—	23	11	—	5	—	...
Protective service workers		105	—	8	19	22	27	7	7	5	10	—	30.6
Private household workers		—	—	—	—	—	—	—	—	—	—	—	...
<b>Female employed</b>	<b>38</b>	<b>3 432</b>	<b>149</b>	<b>241</b>	<b>740</b>	<b>664</b>	<b>375</b>	<b>645</b>	<b>409</b>	<b>132</b>	<b>47</b>	<b>30</b>	<b>29.4</b>
Professional, technical, and kindred workers		790	15	13	139	214	128	140	104	26	6	5	30.5
Registered nurses		117	—	—	19	54	7	24	—	8	—	5	28.7
Health workers, except nurses		72	—	7	—	12	7	25	21	—	—	—	...
Teachers, elementary and secondary schools		262	—	—	54	75	41	36	56	—	—	—	30.2
Technicians, except health		48	7	—	14	—	8	13	—	6	—	—	...
Other professional, technical, and kindred workers		291	8	6	52	73	65	42	27	12	6	—	30.5
Managers and administrators, except farm		133	—	—	7	7	7	38	50	14	—	10	46.5
Salaried		119	—	—	7	7	7	24	50	14	—	10	47.9
Self-employed		14	—	—	—	—	—	14	—	—	—	—	...
Sales workers		305	42	43	60	35	12	49	46	13	5	—	26.1
Retail trade		248	33	27	60	27	12	37	40	7	5	—	25.7
Clerical and kindred workers	7	1 272	67	114	323	256	120	224	118	31	19	—	27.6
Bookkeepers and cashiers		245	25	20	31	27	43	65	34	—	—	—	32.3
Office machine operators		53	9	7	—	14	8	7	—	—	—	—	...
Secretaries, stenographers, and typists		494	9	48	145	108	22	85	41	22	14	—	27.1
Other clerical and kindred workers	7	480	24	39	147	107	47	66	36	9	5	—	26.4
Craftsmen and kindred workers		43	—	10	11	7	—	7	—	—	—	—	...
Operatives, except transport		395	—	12	77	66	39	90	58	48	—	5	35.4
Sewers and stitchers		113	—	—	13	17	14	34	22	13	—	—	38.7
Laundry and drycleaning operatives, including ironers		24	—	6	11	—	—	7	—	—	—	—	...
Other operatives, except transport		258	—	6	53	49	25	49	36	35	—	5	34.2
Durable goods, manufacturing		46	—	6	15	6	6	—	8	5	—	—	...
Nondurable goods, including not specified manufacturing		123	—	—	29	27	12	32	11	7	—	5	32.3
Nonmanufacturing industries		89	—	—	9	16	7	17	17	23	—	—	...
Transport equipment operatives		11	—	11	—	—	—	—	—	—	—	—	...
Laborers, except farm		15	—	—	—	—	9	6	—	—	—	—	...
Farmers and farm managers		—	—	—	—	—	—	—	—	—	—	—	...
Farm laborers and farm foremen		9	—	—	—	—	—	9	—	—	—	—	...
Service workers, except private household <sup>1</sup>	17	423	18	38	117	79	52	59	33	—	17	10	27.4
Cleaning service workers		41	—	—	—	8	5	11	7	—	10	—	...
Food service workers		196	8	20	44	42	39	14	15	—	7	7	28.1
Health service workers		55	10	6	18	8	—	5	5	—	—	3	...
Practical nurses		10	—	—	10	—	—	—	—	—	—	—	...
Personal service workers		99	—	6	49	14	8	16	6	—	—	—	...
Protective service workers		—	—	—	—	—	—	—	—	—	—	—	...
Private household workers	14	36	7	—	6	—	—	23	—	—	—	—	...

<sup>1</sup>Includes allocated cases not shown separately.

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

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

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

**ATLANTA 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	
<b>3 358</b>	<b>351 458</b>	<b>8 629</b>	<b>13 011</b>	<b>43 383</b>	<b>53 051</b>	<b>43 763</b>	<b>77 668</b>	<b>65 001</b>	<b>22 454</b>	<b>14 543</b>	<b>9 955</b>	<b>36.8</b>	
<b>Professional, technical, and kindred workers</b>	<b>36</b>	<b>54 748</b>	<b>175</b>	<b>619</b>	<b>6 339</b>	<b>10 484</b>	<b>8 748</b>	<b>13 266</b>	<b>9 551</b>	<b>2 573</b>	<b>1 585</b>	<b>1 408</b>	<b>35.8</b>
Accountants	—	5 432	6	31	773	1 105	718	1 228	970	363	173	265	36.5
Architects	—	728	—	—	26	113	117	189	205	45	6	27	40.7
Computer specialists	—	1 899	—	18	358	606	384	370	139	19	5	—	29.7
Engineers	—	11 123	—	29	755	2 071	1 660	3 142	2 356	572	367	171	38.3
Aeronautical and astronautical	—	2 059	—	10	124	359	334	562	534	100	24	12	38.6
Civil	—	1 898	—	13	118	375	321	459	332	118	102	60	37.7
Electrical and electronic	—	2 329	—	—	171	418	300	713	486	116	120	5	38.9
Mechanical	—	976	—	—	53	191	96	299	231	54	34	18	39.9
Other engineers	—	3 861	—	6	289	728	609	1 109	773	184	87	76	37.7
Lawyers and judges	—	2 194	—	6	38	408	359	488	519	121	81	174	40.9
Life and physical scientists	—	891	—	12	81	162	157	249	145	39	19	27	36.3
Chemists	—	439	—	6	58	102	79	83	65	20	4	22	33.4
Physicians, dentists, and related practitioners	3	3 614	—	4	141	462	687	1 089	720	190	145	176	39.7
Dentists	—	619	—	—	5	70	155	135	156	49	23	26	40.9
Pharmacists	—	629	—	4	114	114	68	158	85	19	34	33	35.9
Physicians, medical and osteopathic	3	2 012	—	—	15	240	395	689	365	117	83	108	40.2
Other related practitioners	—	636	—	—	7	38	69	107	114	5	5	9	40.9
Health technologists and technicians	—	1 861	—	32	200	105	71	86	101	18	15	8	29.1
Religious workers	—	868	—	—	112	193	222	519	393	152	146	124	42.8
Social scientists	—	—	—	—	81	149	192	249	130	37	25	5	35.5
Social and recreation workers	4	691	5	34	108	172	132	101	114	10	11	4	31.0
Teachers	5	5 981	27	59	820	1 204	1 139	1 396	826	205	173	132	33.9
College and university	—	2 377	5	35	204	299	399	640	337	98	91	63	37.2
Elementary and prekindergarten	—	805	—	14	159	203	153	126	88	19	31	12	30.9
Secondary	—	2 395	11	—	381	583	467	483	321	72	42	35	32.4
Engineering and science technicians	4	4 502	48	208	1 177	1 067	527	690	491	188	61	45	28.8
Draftsmen and surveyors	—	2 282	37	136	760	543	243	280	157	72	34	20	26.9
Electrical and electronic engineering technicians	—	961	6	23	148	284	113	215	121	31	15	5	30.9
Technicians, except health, and engineering and science	—	3 010	—	21	156	590	706	902	541	68	26	—	35.4
Airplane pilots	—	1 681	—	—	28	296	509	502	327	13	6	—	35.1
Writers, artists, and entertainers	15	4 110	58	89	630	745	707	889	659	128	99	106	33.8
Other professional, technical, and kindred workers	5	7 008	31	76	883	1 332	970	1 679	1 242	418	233	144	36.3
<b>Managers and administrators, except farm</b>	<b>26</b>	<b>50 968</b>	<b>91</b>	<b>263</b>	<b>2 837</b>	<b>6 110</b>	<b>6 754</b>	<b>14 491</b>	<b>12 394</b>	<b>4 150</b>	<b>2 375</b>	<b>1 503</b>	<b>41.5</b>
Buyers, purchasing agents, and sales managers	3	8 440	5	52	471	1 037	1 230	2 616	2 072	535	307	115	40.4
School administrators	—	913	—	—	21	27	112	372	214	93	43	31	43.0
Specified managers and administrators, public administration	—	2 579	5	5	33	163	246	562	995	358	164	48	47.8
Other specified managers and administrators	15	9 020	41	92	1 026	1 610	1 337	1 949	1 702	655	362	246	37.1
Managers and administrators, n.e.c., salaried	8	25 435	40	114	1 148	2 870	3 397	7 761	6 440	2 020	1 130	715	41.6
Manufacturing	—	5 303	—	8	121	489	739	1 675	1 242	561	159	109	42.7
Wholesale and retail trade	8	8 769	24	80	607	1 192	1 110	2 459	2 047	617	360	273	40.6
Transportation, communications, and other public utilities	—	2 501	—	—	72	180	319	820	722	220	139	29	43.3
All other industries	—	8 862	16	26	348	1 009	1 229	2 807	2 029	622	472	304	41.4
Managers and administrators, n.e.c., self-employed	—	4 581	—	—	138	403	432	1 231	1 171	489	369	348	45.7
Construction	—	1 302	—	—	32	178	146	402	338	105	80	21	42.3
Manufacturing	—	227	—	—	12	—	17	51	59	38	24	26	50.7
Wholesale and retail trade	—	2 043	—	—	51	134	198	517	500	251	187	205	47.4
All other industries	—	1 009	—	—	43	91	71	261	274	95	78	96	46.4
<b>Sales workers</b>	<b>376</b>	<b>35 428</b>	<b>823</b>	<b>947</b>	<b>3 572</b>	<b>5 532</b>	<b>4 490</b>	<b>7 970</b>	<b>6 853</b>	<b>2 210</b>	<b>1 731</b>	<b>1 300</b>	<b>37.9</b>
Insurance agents, brokers, and underwriters	—	4 325	—	9	400	768	644	1 095	821	260	199	129	38.1
Real estate agents and brokers	—	2 158	—	5	136	344	238	484	434	196	123	198	42.4
Sales representatives, manufacturing industries	—	5 516	10	37	336	930	988	1 470	1 101	261	243	140	38.1
Sales representatives, wholesale trade	14	8 248	21	45	678	1 446	1 055	1 973	1 867	599	358	206	39.5
Sales clerks, retail trade	93	6 741	630	666	1 119	710	527	973	969	441	348	388	32.5
Salesmen, retail trade	—	3 120	30	72	331	381	356	800	694	171	191	94	39.9
Salesmen of services and construction	13	2 067	20	26	181	393	231	512	441	102	83	78	38.6
Other sales workers	256	3 223	112	87	391	560	451	663	526	180	186	67	35.2
<b>Clerical and kindred workers</b>	<b>204</b>	<b>35 797</b>	<b>1 119</b>	<b>2 306</b>	<b>6 964</b>	<b>5 856</b>	<b>3 930</b>	<b>6 274</b>	<b>5 213</b>	<b>1 882</b>	<b>1 296</b>	<b>957</b>	<b>32.1</b>
Bank tellers and cashiers	30	1 178	263	218	194	91	74	94	63	65	46	70	22.8
Bookkeepers and billing clerks	4	2 322	19	64	399	378	280	359	373	168	134	148	35.6
Mail handlers and postal clerks	5	4 408	27	150	697	662	503	970	920	298	125	56	36.7
Other clerical and kindred workers	165	27 889	810	1 874	5 674	4 725	3 073	4 851	3 857	1 351	991	683	31.4
<b>Craftsmen and kindred workers</b>	<b>210</b>	<b>71 154</b>	<b>654</b>	<b>1 946</b>	<b>8 649</b>	<b>11 104</b>	<b>9 004</b>	<b>16 212</b>	<b>14 352</b>	<b>4 790</b>	<b>3 110</b>	<b>1 833</b>	<b>37.6</b>
Apparel craftsmen and upholsterers	5	596	5	11	23	33	53	175	129	70	67	30	44.9
Bakers	4	541	5	18	83	77	66	81	96	67	48	—	37.7
Cabinetmakers	—	589	15	16	65	48	58	149	124	76	34	4	41.2
Construction craftsmen	46	18 716	250	564	2 289	2 725	2 502	3 932	3 878	1 343	861	372	37.6
Carpenters	12	4 620	66	133	566	617	510	860	1 063	435	264	106	39.9
Excavating, grading, and road machine operators	—	1 335	23	58	171	175	184	263	275	121	45	20	37.1
Electricians	—	3 238	20	77	493	619	469	586	635	223	100	16	34.4
Masons and tile setters	12	2 249	47	72	281	305	318	645	380	61	99	41	36.6
Painters, construction and maintenance, and paperhangers	6	3 030	37	68	293	395	388	666	610	279	181	113	40.0
Plasterers and cement finishers	7	831	8	29	63	97	103	183	233	49	42	24	41.3
Plumbers and pipe fitters	—	2 145	3	56	271	355	340	439	465	87	87	42	36.1
Other construction craftsmen	9	1 268	46	71	151	162	190	290	217	88	43	10	35.5
Foremen, n.e.c.	5	10 103	9	35	427	1 241	1 311	3 132	2 549	777	455	167	41.5
Manufacturing	—	4 373	4	9	151	471	622	1 439	1 134	318	185	40	41.5
Nonmanufacturing industries	5	5 730	5	26	276	770	689	1 693	1 415	459	270	127	41.5
Linemen and servicemen, telephone and power	—	3 262	14	164	982	708	338	631	314	39	56	16	28.3
Locomotive engineers and firemen	—	442	—	—	5	39	33	49	122	92	63	39	52.8
Mechanics and repairmen	39	20 331	189	611	2 539	3 755	2 667	4 658	3 865	1 168	652	227	35.9
Air conditioning, heating, and refrigeration	—	1 363	23	95	238	246	160	217	316	46	19	5	32.5
Aircraft	—	4 265	5	4	406	962	502	1 119	929	219	104	15	37.3
Automobile, including body	17	7 267	87	333	1 004	1 217	940	1 715	1 266	445	198	62	35.3
Radio and television	6	967	16	28	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

ATLANTA 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
<b>Operatives, except transport</b> .....	<b>271</b>	<b>34 833</b>	<b>1 352</b>	<b>2 106</b>	<b>5 927</b>	<b>5 766</b>	<b>4 350</b>	<b>6 544</b>	<b>5 098</b>	<b>1 915</b>	<b>1 130</b>	<b>645</b>	<b>32.6</b>
Assemblers.....	12	5 922	72	212	1 365	1 417	903	949	694	187	99	24	29.6
Checkers, examiners, and inspectors; manufacturing.....	3	1 717	10	41	157	262	199	482	393	108	55	10	38.9
Garage workers and gas station attendants.....	75	2 878	647	495	448	225	192	358	253	107	90	63	23.3
Laundry and drycleaning operatives, n.e.c.....	4	338	18	15	79	16	25	62	78	13	22	10	37.6
Meat cutters and butchers.....	-	1 021	23	34	168	171	160	177	156	32	54	46	33.6
Mine operatives, n.e.c.....	-	75	-	10	15	-	5	19	22	-	-	4	...
Packers and wrappers, except produce.....	-	1 399	89	172	255	181	95	268	226	76	28	9	30.1
Painters, manufactured articles.....	-	706	4	29	102	96	106	178	136	30	16	9	35.9
Precision machine operatives.....	-	560	5	12	119	71	53	117	105	40	18	20	36.7
Sawyers.....	-	265	14	6	33	33	23	55	65	26	10	-	39.3
Stationary firemen.....	-	296	5	6	16	32	32	89	45	35	25	11	41.4
Textile operatives.....	5	691	5	16	80	72	27	114	156	134	76	11	47.0
Welders and flamecutters.....	7	2 255	19	64	288	424	305	517	426	117	80	15	35.5
Other metalworking operatives.....	-	846	13	30	107	112	99	202	170	69	29	15	38.1
Other specified operatives.....	116	6 373	163	403	1 035	1 080	843	1 146	904	348	223	228	33.0
Miscellaneous and not specified operatives.....	49	9 491	265	561	1 660	1 574	1 283	1 811	1 269	593	305	170	32.7
Occupation:													
Machine operatives, miscellaneous specified.....	16	3 318	57	150	561	560	511	701	430	228	75	45	33.2
Machine operatives, not specified.....	-	2 021	40	127	325	401	304	347	294	117	43	23	31.9
Miscellaneous operatives.....	24	3 032	143	218	615	471	328	528	368	158	123	80	31.1
Not specified operatives.....	9	1 120	25	66	159	142	140	235	177	90	64	22	36.2
Industry:													
Manufacturing.....	12	6 635	139	392	1 010	1 136	966	1 337	918	437	210	90	33.3
Durable goods.....	12	3 732	73	201	458	624	517	836	567	282	125	49	34.9
Wood products, including furniture.....	-	305	31	29	40	26	21	40	37	39	21	21	36.4
Primary metal industries.....	-	403	-	56	53	53	39	91	54	35	22	-	35.1
Fabricated metal industries.....	5	377	13	19	45	69	71	87	29	25	12	7	33.0
Machinery, including electrical.....	7	517	20	33	73	98	73	85	89	30	10	6	32.4
Motor vehicles and equipment.....	-	535	4	9	80	114	81	133	68	33	9	4	33.7
Transportation equipment, except motor vehicles.....	-	895	-	10	86	145	125	232	200	56	30	11	38.5
Other durable goods.....	-	700	5	45	81	119	107	168	90	64	21	-	34.7
Nondurable goods.....	-	2 866	66	191	552	507	434	501	338	155	85	37	31.3
Food and kindred products.....	-	847	9	33	116	175	156	142	123	56	26	11	32.9
Apparel and other fabricated textile products.....	-	95	6	6	4	12	12	24	18	10	-	3	...
Paper and allied products.....	-	921	27	92	181	162	154	185	81	24	15	-	30.0
Chemicals and allied products.....	-	290	-	19	67	47	37	70	23	10	11	6	31.6
Other nondurable goods.....	-	713	24	41	184	111	75	80	93	55	33	17	29.8
Not specified manufacturing industries.....	-	37	-	-	-	5	15	-	13	-	-	4	...
Nonmanufacturing industries.....	37	2 856	126	169	650	438	317	474	351	156	95	80	30.7
Transportation, communications, and other public utilities.....	4	817	10	51	232	184	84	143	73	16	20	4	28.1
Wholesale and retail trade.....	33	858	67	53	151	121	114	137	101	59	15	40	31.6
All other industries.....	-	1 181	49	65	267	133	119	194	177	81	60	36	33.2
Transport equipment operatives.....	85	21 417	223	776	2 433	2 953	2 634	5 237	4 294	1 587	786	494	38.2
Bus drivers.....	-	1 170	-	11	77	84	97	256	352	163	83	47	46.7
Taxicab drivers and chauffeurs.....	-	1 130	11	14	93	151	137	160	277	114	83	90	44.9
Truck drivers and deliverymen.....	49	14 358	150	576	1 578	2 039	1 881	3 668	2 932	941	421	172	37.6
Other transport equipment operatives.....	36	4 759	62	175	685	679	519	1 153	733	369	199	185	37.3
Laborers, except farm.....	716	21 663	2 236	2 441	3 398	2 639	1 706	3 449	2 981	1 320	875	618	30.3
Construction laborers.....	74	4 174	230	346	679	456	372	864	722	304	111	90	35.0
Freight, stock, and material handlers.....	243	9 833	1 473	1 465	1 690	1 348	699	1 333	1 047	444	252	82	26.1
Other specified laborers.....	329	5 451	364	428	771	590	439	944	741	420	408	346	36.4
Miscellaneous and not specified laborers.....	70	2 205	169	202	258	245	196	308	471	152	104	100	36.1
Occupation:													
Miscellaneous laborers.....	4	560	39	33	68	53	60	66	146	61	22	12	39.1
Not specified laborers.....	66	1 645	130	169	190	192	136	242	325	91	82	88	35.2
Industry:													
Manufacturing.....	13	681	66	101	71	101	56	67	122	62	11	24	30.1
Durable goods.....	8	372	25	58	23	63	40	24	69	35	11	24	32.1
Wood products, including furniture.....	-	47	4	4	-	-	13	-	13	7	-	6	...
Metal industries.....	8	151	5	23	15	28	-	19	17	28	7	9	37.4
Machinery, including electrical.....	-	58	12	26	-	6	-	-	4	-	4	6	...
Transportation equipment.....	-	57	-	5	3	7	27	5	7	-	-	3	...
Other durable goods.....	-	59	4	-	5	22	-	-	28	-	-	-	...
Nondurable goods.....	5	304	36	43	48	38	16	43	53	27	-	-	28.3
Food and kindred products.....	-	162	15	18	26	22	16	25	36	4	-	-	30.0
Not specified manufacturing industries.....	-	5	5	-	-	-	-	-	-	-	-	-	...
Nonmanufacturing industries.....	57	1 524	103	101	187	144	140	241	349	90	93	76	38.6
Railroads and railway express service.....	-	121	-	-	-	8	14	3	51	27	11	7	52.0
Transportation, except railroads.....	-	153	18	-	28	21	11	40	25	-	5	5	34.3
Communications, and utilities and sanitary services.....	-	261	-	20	28	32	13	55	72	15	15	11	41.8
Wholesale and retail trade.....	38	412	47	18	62	39	49	75	81	18	8	15	34.1
All other industries.....	19	577	38	63	69	44	53	68	120	30	54	38	38.2
Farmers and farm managers.....	-	622	5	22	7	63	54	94	143	84	50	100	49.6
Farm laborers and farm foremen.....	76	855	82	46	77	81	51	152	174	70	68	54	41.0
Paid farm laborers and farm foremen.....	63	835	73	41	77	81	51	152	174	70	68	48	41.2
Unpaid family workers.....	13	20	9	5	-	-	-	-	-	-	-	6	...
Service workers, except private household <sup>1</sup> .....	1 313	23 611	1 859	1 527	3 155	2 432	2 033	3 904	3 867	1 849	1 511	1 474	37.0
Cleaning service workers.....	259	7 464	445	412	704	568	595	1 226	1 386	783	724	621	43.2
Food service workers.....	765	4 622	1 103	524	642	449	348	644	494	199	112	107	25.5
Cooks, except private household.....	159	1 887	380	182	181	176	189	358	249	75	57	40	30.6
Busboys and dishwashers.....	347	835	358	150	117	19	31	39	59	40	5	17	18.8
Health service workers.....	23	644	46	69	176	86	14	62	99	47	40	5	26.8
Personal service workers.....	64	2 511	114	153	338	348	221	476	429	163	110	159	36.7
Protective service workers.....	-	5 930	16	119	873	706	635	1 085	1 135	490	427	444	40.7
Firemen, fire protection.....	-	1 496	6	81	400	197	152	313	232	63	32	20	32.1
Guards and watchmen.....	-	2 181	10	25	159	132	155	309	484	246	318	343	51.2
Policemen and detectives.....	-	1 979	-	13	314	360	317	430	345	120	50	30	34.8
Private household workers.....	45	362	10	12	25	31	9	75	81	24	26	69	47.3

<sup>1</sup>Includes allocated cases not shown separately.



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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Persons 14 and 15 years old	Persons 16 years old and over											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		
<b>ATLANTA SMSA—Continued</b>														
<b>Total—Continued</b>														
Female employed	1 346	236 250	5 224	11 659	42 449	32 366	23 975	46 956	41 432	15 468	10 123	6 598		35.5
Professional, technical, and kindred workers	30	37 801	158	508	7 430	7 596	4 269	7 444	5 903	2 237	1 461	795		33.8
Accountants		3 153	5	104	561	379	226	767	765	196	104	46		38.9
Computer specialists		592	4	16	212	196	38	68	36	18	4	—		26.6
Librarians		812	6	18	116	94	69	178	172	78	57	24		40.8
Mathematical specialists		142	—	—	39	24	6	27	29	—	17	—		35.7
Life and physical scientists		323	—	—	92	64	71	47	29	11	9	—		30.4
Registered nurses, dietitians, and therapists	6	5 593	16	24	1 025	1 012	611	1 200	954	406	218	127		35.9
Dietitians		338	6	—	23	47	24	68	117	34	14	5		45.1
Registered nurses	6	4 952	5	7	917	886	572	1 072	805	367	204	117		35.8
Health technologists and technicians		1 641	9	75	401	435	197	215	210	40	49	10		28.9
Social scientists		185	—	—	21	57	30	32	29	10	—	6		32.4
Social and recreation workers		1 106	9	5	294	240	95	185	148	67	53	10		30.3
Teachers: College and university		893	6	15	149	178	124	161	124	78	33	25		34.0
Elementary and prekindergarten	6	10 751	21	54	1 913	2 194	1 297	2 243	1 698	635	509	187		34.6
Secondary		3 775	—	12	894	1 117	425	558	400	202	109	58		29.4
Other teachers		956	15	15	113	180	149	183	116	50	44	91		35.3
Engineering and science technicians		646	6	29	197	97	42	160	67	30	12	6		29.7
Technicians, except health, and engineering and science		127	—	—	15	14	21	26	29	9	9	4		40.2
Writers, artists, and entertainers	15	1 875	52	70	386	349	179	386	252	83	71	47		32.2
Actors and dancers		82	15	22	19	9	—	12	—	5	—	—		—
Authors, editors, and reporters		372	—	11	76	56	39	92	68	11	9	10		35.4
Other professional, technical, and kindred workers	3	5 231	9	71	1 002	966	689	1 008	845	324	163	154		34.1
Managers and administrators, except farm	8	8 691	34	84	882	1 055	829	1 887	2 235	786	567	332		42.7
Buyers, purchasing agents, and sales managers		1 228	—	20	189	182	104	177	334	132	67	23		41.7
Restaurant, cafeteria, and bar managers		803	—	4	30	32	106	236	217	90	50	38		44.7
School administrators		444	—	5	—	34	33	93	139	37	88	15		49.1
Other specified managers and administrators	3	2 399	16	19	340	345	219	521	541	206	123	69		40.0
Managers and administrators, n.e.c., salaried	5	3 179	11	36	314	413	332	701	822	258	171	121		41.9
Wholesale and retail trade		1 178	—	15	130	152	91	244	310	105	88	43		43.2
Managers and administrators, n.e.c., self-employed		438	7	—	9	49	35	159	182	63	68	66		48.3
Wholesale and retail trade		341	—	—	9	31	10	72	94	45	50	30		50.2
Sales workers	150	17 708	1 121	1 062	1 944	1 393	1 271	3 133	4 019	1 843	1 070	852		41.6
Demonstrators, hucksters, and peddlers	5	766	5	22	89	107	88	172	147	82	19	35		39.2
Insurance, real estate agents, and brokers		1 947	—	18	179	226	174	427	592	173	67	91		43.8
Sales clerks, retail trade	65	11 375	991	827	1 098	604	700	1 852	2 649	1 301	781	572		42.9
Salesmen, retail trade		466	10	10	38	45	30	103	100	81	45	4		44.7
Other sales workers	80	3 154	115	185	540	411	279	579	531	206	158	150		35.8
Clerical and kindred workers	396	99 220	2 352	7 412	23 051	14 113	9 868	18 522	14 876	4 549	2 984	1 493		31.4
Bank tellers		1 511	—	96	488	220	113	324	222	18	30	—		28.9
Bookkeepers	4	10 116	75	408	1 614	1 283	1 029	2 321	2 103	629	395	259		37.8
Cashiers	71	5 875	505	599	964	637	577	1 072	947	316	190	68		32.0
Counter clerks, except food	10	1 861	39	163	300	190	180	305	440	113	87	44		36.9
Enumerators and interviewers	6	295	6	12	39	24	17	87	75	24	11	—		40.7
File clerks	46	3 412	240	470	906	483	309	407	373	107	71	46		25.9
Office machine operators		4 898	94	365	1 323	932	602	810	543	141	62	26		28.6
Bookkeeping and billing machine operators		442	21	38	126	60	40	73	58	6	16	4		28.0
Keypunch operators		3 473	59	267	977	734	507	577	264	67	11	10		28.0
Payroll and timekeeping clerks		1 047	—	19	163	156	96	234	249	75	36	19		38.8
Receptionists	10	2 190	77	164	639	252	144	292	353	114	91	64		29.3
Secretaries	15	26 617	140	1 270	6 516	4 390	2 981	5 134	3 939	1 167	733	347		31.7
Stenographers	6	1 354	20	78	422	194	75	272	207	27	41	18		29.0
Telephone operators		3 536	233	416	933	396	237	645	315	126	150	85		27.3
Typists	15	8 334	257	2 413	1 092	642	422	1 300	911	263	152	53		26.1
Other clerical and kindred workers	213	28 174	666	2 101	6 331	3 864	2 866	5 319	4 199	1 429	935	464		32.0
Craftsmen and kindred workers	6	4 060	43	133	412	479	450	969	1 010	264	197	103		40.3
Foremen, n.e.c.		999	4	28	65	127	78	242	294	95	59	7		43.2
Operatives, except transport	122	21 291	204	606	2 617	2 558	2 377	5 233	4 285	1 917	969	525		39.4
Assemblers		1 253	5	37	167	220	105	423	198	80	4	14		37.2
Bottling and canning operatives		63	—	—	26	13	—	9	9	—	6	—		—
Checkers, examiners, and inspectors; manufacturing		1 574	12	22	155	184	201	434	366	121	63	16		39.9
Dressmakers and seamstresses, except factory		746	—	6	27	29	—	110	163	185	96	102		55.3
Laundry and dry cleaning operatives, including ironers	4	2 127	30	54	253	202	205	602	416	215	85	65		40.3
Graders and sorters, manufacturing		62	—	—	6	8	6	19	23	—	—	—		—
Packers and wrappers, except produce	18	2 883	48	150	418	451	423	642	454	185	93	19		34.4
Sewers and stitchers	6	3 639	11	87	305	316	317	913	899	429	245	117		43.6
Textile operatives		1 162	11	22	102	109	103	220	318	168	76	33		45.4
Other specified operatives	94	3 950	74	147	589	585	466	949	625	286	127	102		36.2
Miscellaneous and not specified operatives		3 832	13	81	569	441	523	912	814	248	174	57		38.2
Manufacturing		3 000	13	47	391	363	422	777	640	172	135	40		38.4
Durable goods		1 083	6	19	135	138	174	260	246	49	41	15		37.7
Machinery, including electrical		166	6	—	20	23	28	60	29	—	—	—		36.0
Other durable goods		917	—	19	115	115	146	200	217	49	41	15		38.2
Nondurable goods, including not specified manufacturing		1 917	7	28	256	225	248	517	394	123	94	25		38.8
Food and kindred products		442	7	13	37	26	62	101	107	42	43	4		42.5
Apparel and other fabricated textile products		300	—	—	52	23	33	89	63	32	4	4		39.7
Nonmanufacturing industries		832	—	34	178	78	101	135	174	76	39	17		36.9
Transport equipment operatives		1 115	18	21	79	196	197	283	211	28	40	42		36.6
Laborers, except farm	41	2 484	91	102	344	388	333	556	392	130	99	49		34.8
Farmers and farm managers		88	—	8	10	6	4	16	14	12	9	9		—
Farm laborers and farm foremen		261	5	—	47	35	47	50	32	7	31	7		34.6
Paid farm laborers and farm foremen		227	—	—	40	30	41	45	24	7	31	7		35.6
Unpaid family workers		34	5	—	7	5	6	5	6	—	—	—		—
Service workers, except private household	407	30 753	1 040	1 625	5 011	3 790	3 347	6 409	5 408	1 934	1 316	873		35.9
Cleaning service workers	32	4 266	46	97	290	395	385	1 113	1 106	393	333	108		43.3
Chambermaids and maids	3	1 801	15	41	142	210	133	453	451	145	173	38		42.9
Food service workers	193	11 086	643	684	1 297	1 300	1 322	2 673	2 003	682	247			

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

ATLANTA 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	
<b>Male employed</b>	<b>846</b>	<b>62 826</b>	<b>1 473</b>	<b>3 144</b>	<b>9 700</b>	<b>9 581</b>	<b>7 590</b>	<b>12 909</b>	<b>9 805</b>	<b>3 878</b>	<b>2 718</b>	<b>2 028</b>	<b>35.0</b>
Professional, technical, and kindred workers	14	3 193	27	93	442	628	550	705	399	158	81	110	33.7
Engineers	—	155	—	5	9	21	23	73	15	4	5	—	37.7
Lawyers and judges	—	32	—	—	6	18	—	8	—	—	—	—	...
Life and physical scientists	—	19	—	—	—	5	10	4	—	—	—	—	...
Physicians, dentists, and related practitioners	—	137	—	—	4	46	—	41	26	5	10	5	39.5
Health workers, except practitioners	—	184	8	15	36	22	32	36	10	4	14	7	31.7
Social and recreation workers	4	177	—	—	21	62	44	25	15	10	—	—	30.6
Teachers	—	1 046	11	22	77	200	227	273	148	34	19	35	34.7
Technicians, except health	—	227	—	10	51	27	49	50	34	6	—	—	32.6
Writers, artists, and entertainers	10	235	8	12	62	50	37	10	30	17	5	4	28.6
Other professional, technical, and kindred workers	—	981	—	29	176	177	128	185	121	78	28	59	34.2
Managers and administrators, except farm	15	2 050	—	10	170	286	343	511	381	191	83	75	39.2
Salaried	10	1 600	—	10	150	253	248	416	288	153	33	49	38.3
Manufacturing	6	134	—	4	10	28	32	36	17	7	—	—	33.9
Retail trade	—	468	—	6	64	151	50	95	72	26	—	4	31.3
All other industries	4	998	—	—	76	74	166	285	199	120	33	45	41.4
Self-employed	5	450	—	—	20	33	95	35	93	38	50	26	43.1
Retail trade	—	163	—	—	10	44	25	32	5	20	17	42	42.9
All other industries	5	287	—	—	20	23	51	60	61	33	30	9	43.3
Sales workers	30	1 261	73	95	225	222	144	233	133	44	47	45	30.5
Manufacturing and wholesale trade	18	232	15	9	35	58	34	40	20	7	7	7	29.9
Retail trade	4	705	58	86	139	87	75	103	79	27	35	16	29.0
All other industries	8	324	—	—	51	77	35	90	34	10	5	22	34.9
Clerical and kindred workers	47	7 387	150	533	1 642	1 299	835	1 425	956	298	158	91	30.4
Bookkeepers and billing clerks	—	139	—	5	18	30	34	22	20	4	—	6	32.4
Mail handlers and postal clerks	—	1 937	8	63	441	341	229	415	300	83	49	8	32.5
Other clerical and kindred workers	47	5 311	142	465	1 183	928	572	988	636	211	109	77	29.7
Craftsmen and kindred workers	44	9 093	101	280	1 358	1 377	1 198	2 208	1 559	439	381	192	36.1
Carpenters	—	342	—	5	46	56	24	72	102	24	2	11	40.6
Construction craftsmen, except carpenters	—	3 091	23	88	317	436	464	732	626	166	155	84	38.0
Automobile mechanics, including body repairmen	5	977	15	30	121	166	137	285	163	45	15	—	35.7
Mechanics and repairmen, except auto	4	1 065	9	24	201	143	141	276	164	39	43	25	35.5
Machinists	—	141	—	10	31	20	13	28	26	—	8	5	33.7
Metal craftsmen, except mechanics and machinists	—	107	7	—	10	12	11	29	9	23	—	6	39.7
Foremen, n.e.c.	5	550	—	4	47	110	63	174	93	28	27	4	37.9
Other craftsmen and kindred workers	30	2 820	47	119	585	434	345	612	376	114	131	57	33.3
Operatives, except transport	64	10 442	174	589	2 068	2 032	1 557	1 862	1 249	462	291	158	31.1
Assemblers	7	1 741	12	55	460	512	389	207	66	23	17	—	28.4
Garage workers and gas station attendants	5	534	36	57	72	57	58	136	55	27	21	15	33.9
Laundry and drycleaning operatives, including ironers	—	320	5	15	41	24	4	83	88	23	12	5	41.1
Precision machine operatives	—	109	—	2	43	9	7	18	20	—	10	—	30.4
Other operatives, except transport	52	7 738	121	460	1 432	1 430	1 099	1 418	1 020	389	231	138	31.7
Durable goods, manufacturing	21	3 040	49	170	527	619	446	556	354	183	84	52	31.9
Nondurable goods, including not specified manufacturing	21	2 505	12	167	499	507	419	438	255	83	83	42	30.8
Nonmanufacturing industries	10	2 193	60	123	406	304	234	424	411	123	64	44	34.3
Transport equipment operatives	34	7 839	34	249	938	1 259	1 023	1 925	1 362	522	338	189	37.2
Truck drivers	8	3 502	5	85	398	556	479	980	601	211	160	27	37.3
Other transport equipment operatives	26	4 337	29	164	540	703	544	945	761	311	178	162	37.0
Laborers, except farm	189	10 345	218	571	1 431	1 339	972	2 116	1 888	830	559	421	38.0
Construction laborers	10	2 378	26	94	285	273	245	621	488	216	81	49	39.3
Freight, stock, and material handlers	66	3 579	93	247	628	609	326	708	564	234	138	32	33.3
Other laborers, except farm	113	4 388	99	230	518	457	401	787	836	380	340	340	31.0
Manufacturing industries	7	723	22	63	103	98	57	104	146	74	18	38	36.8
Farmers and farm managers	—	108	—	6	4	19	23	7	30	—	—	—	37.9
Farm laborers and farm foremen	37	390	19	21	45	37	14	71	82	46	47	8	43.3
Service workers, except private household <sup>1</sup>	365	10 376	667	685	1 357	1 052	922	1 771	1 695	864	707	656	37.9
Cleaning service workers	104	5 072	216	233	519	397	380	919	969	520	522	397	43.6
Food service workers	137	2 164	361	231	259	259	198	356	242	113	61	84	29.5
Health service workers	—	320	5	26	49	48	14	47	65	37	24	5	38.8
Personal service workers	11	618	6	19	95	77	74	99	134	66	23	25	38.8
Protective service workers	—	705	—	41	212	107	99	101	88	18	10	29	29.6
Private household workers	7	342	10	12	20	31	9	75	71	24	26	64	47.0
<b>Female employed</b>	<b>320</b>	<b>57 374</b>	<b>959</b>	<b>2 737</b>	<b>9 462</b>	<b>8 008</b>	<b>7 098</b>	<b>11 940</b>	<b>8 859</b>	<b>3 741</b>	<b>2 380</b>	<b>2 190</b>	<b>35.4</b>
Professional, technical, and kindred workers	—	6 532	36	91	1 017	1 263	1 045	1 610	881	340	129	120	34.1
Registered nurses	—	848	5	3	121	148	132	207	73	58	25	16	35.7
Health workers, except nurses	—	410	6	4	58	94	62	97	15	14	—	—	35.5
Teachers, elementary and secondary schools	—	3 199	12	18	340	685	590	851	462	141	47	—	34.6
Technicians, except health	—	89	—	—	33	19	—	16	15	6	—	—	...
Other professional, technical, and kindred workers	—	1 986	13	66	465	317	261	439	196	121	57	51	32.5
Managers and administrators, except farm	3	749	11	15	74	53	101	172	163	47	72	41	42.0
Salaried	3	634	11	15	71	48	95	143	126	39	52	34	40.4
Self-employed	—	115	—	—	3	5	6	29	37	8	20	7	48.9
Sales workers	18	1 536	54	152	273	285	177	292	192	35	40	36	30.1
Retail trade	13	1 256	49	145	237	222	166	223	126	29	40	19	29.4
Clerical and kindred workers	98	11 733	463	1 332	4 031	2 074	1 369	1 458	672	147	113	74	25.1
Bookkeepers and cashiers	11	1 329	60	140	375	197	164	211	127	18	27	10	24.6
Office machine operators	—	611	19	56	251	161	74	31	11	8	—	—	27.3
Secretaries, stenographers, and typists	5	2 438	86	281	934	450	252	285	102	26	16	6	24.6
Other clerical and kindred workers	82	7 355	298	855	2 471	1 266	879	931	432	95	70	58	25.2
Craftsmen and kindred workers	—	849	14	38	104	97	140	197	170	50	28	11	36.6
Operatives, except transport	74	8 133	67	289	1 425	1 400	1 166	2 003	1 054	454	156	119	33.8
Sewers and stitchers	6	929	7	63	148	192	153	202	114	32	16	2	31.8
Laundry and drycleaning operatives, including ironers	4	1 804	17	36	234	196	173	497	355	168	70	58	39.9
Other operatives, except transport	64	5 400	43	190	1 043	1 012	840	1 304	585	254	70	59	32.5
Durable goods, manufacturing	13	1 491	—	64	217	277	255	416	165	83	10	4	33.4
Nondurable goods, including not specified manufacturing	42	2 362	24	91	527	472	378	536	244	51	10	27	30.9
Nonmanufacturing industries	9	1 547	19	35	299	263	207	352	176	120	50	28	33.8
Transport equipment operatives	—	262	8	—	31	41	35	46	53	7	12	27	38.3
Laborers, except farm	18	1 264	21	49	172	225	168	276	217	57	47	32	34.9
Farmers and farm managers	—	22	—	5	10	—	—	—	—				

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

AUGUSTA, GA.—S.C., 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	
<b>Total</b>	<b>492</b>	<b>49 799</b>	<b>1 397</b>	<b>1 856</b>	<b>5 494</b>	<b>6 282</b>	<b>5 133</b>	<b>11 250</b>	<b>10 555</b>	<b>3 817</b>	<b>2 377</b>	<b>1 638</b>	<b>39.2</b>
<b>Male employed</b>	<b>492</b>	<b>49 799</b>	<b>1 397</b>	<b>1 856</b>	<b>5 494</b>	<b>6 282</b>	<b>5 133</b>	<b>11 250</b>	<b>10 555</b>	<b>3 817</b>	<b>2 377</b>	<b>1 638</b>	<b>39.2</b>
<b>Professional, technical, and kindred workers</b>	<b>20</b>	<b>6 290</b>	<b>45</b>	<b>51</b>	<b>629</b>	<b>993</b>	<b>875</b>	<b>1 702</b>	<b>1 374</b>	<b>284</b>	<b>253</b>	<b>184</b>	<b>38.5</b>
Accountants	—	353	—	—	56	67	29	88	65	29	14	5	37.8
Architects	—	27	—	—	—	—	6	—	—	—	14	7	—
Computer specialists	—	116	—	—	13	28	5	44	26	—	—	—	37.7
Engineers	—	918	4	—	59	98	142	287	258	35	28	7	40.4
Aeronautical and astronautical	—	—	—	—	—	—	—	—	—	—	—	—	—
Civil	—	113	—	—	5	11	21	28	32	5	4	7	42.0
Electrical and electronic	—	142	—	—	6	23	20	54	39	—	—	—	39.1
Mechanical	—	125	—	—	18	5	11	43	38	6	4	—	41.6
Other engineers	—	538	4	—	30	59	90	162	149	24	20	—	40.3
Lawyers and judges	—	217	—	—	—	29	23	48	70	15	21	11	46.2
Life and physical scientists	—	345	—	9	19	58	57	97	83	18	—	4	38.0
Chemists	—	248	—	5	19	37	39	74	56	18	—	—	38.2
Physicians, dentists, and related practitioners	—	684	—	—	19	146	142	189	70	33	25	60	36.9
Dentists	—	91	—	—	—	20	18	16	9	—	10	18	—
Pharmacists	—	97	—	—	—	26	18	22	16	5	10	—	—
Physicians, medical and osteopathic	—	470	—	—	19	100	106	140	41	28	5	31	35.7
Other related practitioners	—	26	—	—	—	—	—	11	4	—	—	—	—
Health technologists and technicians	—	142	—	—	40	10	21	25	36	5	5	—	35.0
Religious workers	—	282	—	—	6	21	25	54	94	26	37	19	48.7
Social scientists	—	36	—	—	6	5	11	5	9	—	—	—	—
Social and recreation workers	—	79	—	6	16	9	12	10	10	5	11	—	—
Teachers	—	913	4	—	84	127	104	266	209	51	36	32	40.2
College and university	—	268	—	—	—	46	26	103	56	16	15	6	41.0
Elementary and prekindergarten	—	155	—	—	31	24	30	31	28	—	—	11	33.8
Secondary	—	284	—	—	47	39	32	71	43	20	21	11	38.4
Engineering and science technicians	4	696	6	13	86	149	68	229	136	4	5	—	36.1
Draftsmen and surveyors	4	161	—	8	17	34	6	53	38	—	5	—	37.9
Electrical and electronic engineering technicians	—	82	6	5	9	21	5	16	16	4	—	—	—
Technicians, except health, and engineering and science	—	130	—	—	17	25	—	50	38	—	—	—	39.6
Airplane pilots	—	38	—	—	—	10	—	18	10	—	—	—	—
Writers, artists, and entertainers	16	509	31	18	75	111	58	69	74	30	27	16	31.7
Other professional, technical, and kindred workers	—	943	—	5	133	110	172	241	196	33	30	23	37.1
<b>Managers and administrators, except farm</b>	<b>6</b>	<b>5 298</b>	<b>17</b>	<b>31</b>	<b>311</b>	<b>572</b>	<b>528</b>	<b>1 289</b>	<b>1 394</b>	<b>601</b>	<b>337</b>	<b>218</b>	<b>44.2</b>
Buyers, purchasing agents, and sales managers	—	571	12	11	37	71	57	126	159	53	34	11	42.7
School administrators	—	125	—	—	10	7	4	39	37	14	14	—	45.7
Specified managers and administrators, public administration	—	319	—	—	9	16	10	82	118	40	11	33	48.6
Other specified managers and administrators	—	970	—	9	114	149	103	227	198	90	33	47	39.8
Managers and administrators, n.e.c., salaried	6	2 490	5	11	132	307	295	652	621	286	122	59	42.6
Manufacturing	—	657	—	—	14	88	46	163	203	67	54	22	45.9
Wholesale and retail trade	—	1 014	—	6	62	135	145	204	278	119	42	23	42.8
Transportation, communications, and other public utilities	—	195	—	—	9	21	32	72	25	20	10	6	39.9
All other industries	6	624	5	5	47	63	72	213	115	80	16	8	40.6
Managers and administrators, n.e.c., self-employed	—	823	—	—	9	22	59	163	261	118	123	68	51.1
Construction	—	147	—	—	—	5	11	40	52	10	24	5	48.4
Manufacturing	—	40	—	—	—	—	—	16	10	10	4	—	—
Wholesale and retail trade	—	450	—	—	5	13	27	69	159	76	67	34	52.0
All other industries	—	186	—	—	4	4	21	38	40	22	28	29	51.5
<b>Sales workers</b>	<b>68</b>	<b>3 483</b>	<b>83</b>	<b>100</b>	<b>391</b>	<b>553</b>	<b>327</b>	<b>710</b>	<b>612</b>	<b>309</b>	<b>218</b>	<b>180</b>	<b>39.0</b>
Insurance agents, brokers, and underwriters	5	528	—	6	72	111	48	130	80	33	42	6	37.1
Real estate agents and brokers	—	220	—	—	6	9	22	10	76	52	28	17	53.3
Sales representatives, manufacturing industries	—	286	9	—	26	27	51	88	56	16	10	3	38.4
Sales representatives, wholesale trade	—	576	—	—	51	93	67	143	92	53	33	44	40.4
Sales clerks, retail trade	11	831	49	50	151	109	68	127	124	60	28	65	34.2
Salesmen, retail trade	—	470	4	18	28	107	27	103	74	65	33	11	40.0
Salesmen of services and construction	—	104	—	—	9	6	10	17	28	5	15	14	48.6
Other sales workers	52	468	21	26	48	91	34	92	82	25	29	20	36.5
<b>Clerical and kindred workers</b>	<b>34</b>	<b>3 384</b>	<b>91</b>	<b>241</b>	<b>499</b>	<b>319</b>	<b>284</b>	<b>757</b>	<b>694</b>	<b>229</b>	<b>145</b>	<b>125</b>	<b>38.4</b>
Bank tellers and cashiers	14	145	20	46	14	11	5	—	19	5	7	18	22.3
Bookkeepers and billing clerks	—	252	—	—	38	32	31	54	49	23	20	5	39.6
Mail handlers and postal clerks	—	379	16	5	28	30	34	159	63	24	—	—	39.8
Other clerical and kindred workers	20	2 608	55	190	419	246	214	544	543	177	118	102	38.3
<b>Craftsmen and kindred workers</b>	<b>42</b>	<b>11 666</b>	<b>68</b>	<b>219</b>	<b>1 108</b>	<b>1 374</b>	<b>1 253</b>	<b>3 012</b>	<b>2 885</b>	<b>869</b>	<b>613</b>	<b>265</b>	<b>41.0</b>
Apparel craftsmen and upholsterers	—	56	—	—	20	6	5	6	15	—	—	4	—
Bakers	—	62	—	10	16	6	4	5	21	—	—	—	—
Cabinetmakers	—	64	—	4	17	6	4	5	18	5	5	—	—
Construction craftsmen	—	3 336	11	79	323	360	364	820	845	236	192	106	41.5
Carpenters	—	918	6	21	86	79	98	176	261	90	76	25	44.6
Excavating, grading, and road machine operators	—	257	—	—	18	4	34	72	76	37	10	6	45.1
Electricians	—	584	—	9	89	78	46	166	113	46	37	—	39.2
Masons and tile setters	—	390	—	5	30	49	58	109	71	30	25	13	39.9
Painters, construction and maintenance, and paperhangers	—	395	—	29	40	47	37	89	81	17	19	36	40.0
Plasterers and cement finishers	—	41	—	—	—	4	—	10	27	—	—	—	—
Plumbers and pipe fitters	—	536	—	10	43	64	60	155	160	11	12	21	40.9
Other construction craftsmen	—	215	5	5	17	35	31	43	56	5	13	5	38.4
Foremen, n.e.c.	8	2 089	—	4	65	240	217	638	537	226	125	37	43.1
Manufacturing	5	1 389	—	—	39	158	149	448	363	153	70	9	42.8
Nonmanufacturing industries	3	700	—	4	26	82	68	190	174	73	55	28	43.9
Linemen and servicemen, telephone and power	7	388	—	7	63	78	55	89	77	12	7	—	34.2
Locomotive engineers and firemen	—	62	—	—	—	9	—	—	39	5	9	—	—
Mechanics and repairmen	9	3 080	25	72	285	388	340	841	709	228	128	64	40.1
Air conditioning, heating, and refrigeration	—	235	—	14	21	24	25	77	36	21	12	5	39.4
Aircraft	—	6	—	—	—	—	—	—	—	—	6	—	—
Automobile, including body	9	957	17	38	135	166	78	225	236	36	14	12	37.0
Radio and television	—	140	—	3	16	10	8	64	23	3	8	5	40.2
Other mechanics and repairmen	—	1 742	8	17	113	188	229	475	414	168	88	42	41.7
Metal craftsmen, except mechanics	—	626	—	14	69	66	69	156	166	44	34	8	41.1
Machinists and job and die setters	—	346	—	14	40	33	38	89	72	28	24	8	40.4
Sheetmetal workers and tinsmiths	—	130	—	—	15	33	21	35	26	—	—	—	34.0
Tool and die makers	—	16	—	—	—	—	5	6	5	—	—	—	—
Other metal craftsmen	—	134	—	—	14	—	5	26	63	16	10	—	48.5
Printing craftsmen	—	206	11	10	5	30</							

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

AUGUSTA, GA.—S.C., 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
<b>Operatives, except transport</b> .....	<b>69</b>	<b>8 117</b>	<b>320</b>	<b>563</b>	<b>1 285</b>	<b>1 283</b>	<b>943</b>	<b>1 728</b>	<b>1 252</b>	<b>470</b>	<b>171</b>	<b>102</b>	<b>33.2</b>
Assemblers.....	—	139	6	17	10	15	18	32	32	5	4	—	36.1
Checkers, examiners, and inspectors; manufacturing.....	—	279	—	5	52	45	38	91	36	7	5	—	34.9
Garage workers and gas station attendants.....	14	454	86	82	36	13	50	59	67	28	5	28	31.0
Laundry and drycleaning operatives, n.e.c.....	7	96	31	—	17	5	4	—	18	6	7	8	...
Meat cutters and butchers.....	—	278	9	51	32	20	21	75	60	—	5	5	35.8
Mine operatives, n.e.c.....	—	98	5	—	4	—	18	37	6	19	5	4	...
Packers and wrappers, except produce.....	4	292	16	56	55	54	17	32	52	6	—	4	26.8
Painters, manufactured articles.....	—	62	—	4	—	6	5	21	12	10	4	—	...
Precision machine operatives.....	—	62	—	—	10	12	—	14	26	—	—	—	...
Sawyers.....	—	57	—	5	—	—	7	12	12	21	—	—	...
Stationary firemen.....	—	104	—	—	5	29	20	14	14	12	10	—	34.5
Textile operatives.....	6	1 984	58	141	389	361	214	348	276	138	48	11	31.0
Welders and flamecutters.....	—	423	—	23	35	103	44	89	84	31	10	4	35.7
Other metalworking operatives.....	—	106	—	5	24	13	15	19	11	9	10	—	33.7
Other specified operatives.....	38	1 567	72	75	249	260	183	341	222	119	28	18	33.5
Miscellaneous and not specified operatives.....	—	2 116	37	99	367	347	289	544	324	59	30	20	33.6
Occupation:													
Machine operatives, miscellaneous specified.....	—	744	14	20	141	106	115	194	97	23	21	13	34.0
Machine operatives, not specified.....	—	638	—	18	104	117	91	194	94	7	6	7	34.4
Miscellaneous operatives.....	—	531	13	55	91	87	67	96	105	14	3	—	31.5
Not specified operatives.....	—	203	10	6	31	37	16	60	28	15	—	—	35.3
<b>Industry:</b>													
<b>Manufacturing</b> .....	<b>—</b>	<b>1 810</b>	<b>20</b>	<b>70</b>	<b>316</b>	<b>327</b>	<b>243</b>	<b>476</b>	<b>262</b>	<b>59</b>	<b>27</b>	<b>10</b>	<b>33.5</b>
Durable goods.....	—	599	5	36	122	96	90	128	65	35	22	—	32.3
Wood products, including furniture.....	—	49	—	—	10	17	6	4	6	6	—	—	...
Primary metal industries.....	—	5	—	—	—	—	—	—	5	—	—	—	...
Fabricated metal industries.....	—	10	—	—	—	—	—	6	—	4	—	—	...
Machinery, including electrical.....	—	52	5	3	11	17	6	5	5	—	—	—	...
Motor vehicles and equipment.....	—	6	—	—	—	6	—	—	—	—	—	—	...
Transportation equipment, except motor vehicles.....	—	7	—	—	—	—	—	—	—	7	—	—	...
Other durable goods.....	—	470	—	33	101	56	78	113	49	18	22	—	32.9
Nondurable goods.....	—	1 205	15	34	188	231	153	348	197	24	5	10	34.4
Food and kindred products.....	—	137	5	8	35	10	11	20	41	2	5	—	34.8
Apparel and other fabricated textile products.....	—	41	10	8	6	9	—	—	8	—	—	—	...
Paper and allied products.....	—	473	—	18	113	145	76	73	37	8	—	3	28.6
Chemicals and allied products.....	—	522	—	—	27	67	54	250	103	14	—	7	39.5
Other nondurable goods.....	—	32	—	—	7	—	12	5	8	—	—	—	...
Not specified manufacturing industries.....	—	6	—	—	6	—	—	—	—	—	—	—	...
<b>Nonmanufacturing industries</b> .....	<b>—</b>	<b>306</b>	<b>17</b>	<b>29</b>	<b>51</b>	<b>20</b>	<b>46</b>	<b>68</b>	<b>62</b>	<b>—</b>	<b>3</b>	<b>10</b>	<b>33.9</b>
Transportation, communications, and other public utilities.....	—	76	—	10	24	4	9	19	10	—	—	—	...
Wholesale and retail trade.....	—	91	13	9	15	4	5	3	32	—	—	10	...
All other industries.....	—	139	4	10	12	12	32	46	20	—	3	—	34.9
<b>Transport equipment operatives</b> .....	<b>17</b>	<b>3 023</b>	<b>125</b>	<b>147</b>	<b>335</b>	<b>384</b>	<b>341</b>	<b>623</b>	<b>641</b>	<b>209</b>	<b>110</b>	<b>108</b>	<b>37.9</b>
Bus drivers.....	—	204	68	—	9	11	12	23	54	14	10	3	35.9
Taxicab drivers and chauffeurs.....	—	175	—	7	16	14	3	38	59	20	5	13	46.6
Truck drivers and deliverymen.....	11	2 153	47	129	247	281	263	459	460	149	64	54	37.4
Other transport equipment operatives.....	6	491	10	11	63	78	63	103	68	26	31	38	37.0
<b>Laborers, except farm</b> .....	<b>105</b>	<b>3 254</b>	<b>356</b>	<b>273</b>	<b>446</b>	<b>340</b>	<b>228</b>	<b>507</b>	<b>558</b>	<b>302</b>	<b>136</b>	<b>108</b>	<b>34.6</b>
Construction laborers.....	4	499	30	24	54	63	34	91	91	72	27	13	39.9
Freight, stock, and material handlers.....	21	1 308	233	157	222	141	86	180	171	80	30	8	26.5
Other specified laborers.....	61	875	45	49	105	74	57	126	179	94	67	79	43.5
Miscellaneous and not specified laborers.....	19	572	48	43	65	62	51	110	117	56	12	8	36.5
Occupation:													
Miscellaneous laborers.....	—	167	7	10	18	23	18	35	26	16	6	8	37.1
Not specified laborers.....	19	405	41	33	47	39	33	75	91	40	6	—	36.3
<b>Industry:</b>													
<b>Manufacturing</b> .....	<b>8</b>	<b>309</b>	<b>31</b>	<b>19</b>	<b>42</b>	<b>52</b>	<b>35</b>	<b>55</b>	<b>37</b>	<b>32</b>	<b>6</b>	<b>—</b>	<b>31.5</b>
Durable goods.....	—	137	—	19	33	34	13	7	21	10	—	—	27.4
Wood products, including furniture.....	—	22	—	5	4	—	—	2	6	5	—	—	...
Metal industries.....	—	15	—	—	—	—	4	—	6	5	—	—	...
Machinery, including electrical.....	—	5	—	—	—	—	5	—	—	—	—	—	...
Transportation equipment.....	—	11	—	—	5	6	—	—	—	—	—	—	...
Other durable goods.....	—	84	—	14	24	28	4	5	9	—	—	—	...
Nondurable goods.....	8	172	31	—	9	18	22	48	16	22	6	—	36.3
Food and kindred products.....	8	26	—	—	—	—	—	13	—	7	6	—	...
Not specified manufacturing industries.....	—	—	—	—	—	—	—	—	—	—	—	—	...
<b>Nonmanufacturing industries</b> .....	<b>11</b>	<b>263</b>	<b>17</b>	<b>24</b>	<b>23</b>	<b>10</b>	<b>16</b>	<b>55</b>	<b>80</b>	<b>24</b>	<b>6</b>	<b>8</b>	<b>42.5</b>
Railroads and railway express service.....	—	14	—	—	5	—	—	—	9	—	—	—	...
Transportation, except railroads.....	—	50	5	3	6	—	—	20	10	6	—	—	...
Communications, and utilities and sanitary services.....	—	71	—	11	—	3	12	23	18	4	—	—	...
Wholesale and retail trade.....	11	94	7	10	12	7	4	12	20	14	—	8	...
All other industries.....	—	—	—	—	—	—	—	—	—	—	—	—	...
<b>Farmers and farm managers</b> .....	<b>—</b>	<b>327</b>	<b>—</b>	<b>—</b>	<b>7</b>	<b>24</b>	<b>28</b>	<b>49</b>	<b>71</b>	<b>77</b>	<b>22</b>	<b>49</b>	<b>52.8</b>
<b>Farm laborers and farm foremen</b> .....	<b>45</b>	<b>374</b>	<b>35</b>	<b>19</b>	<b>51</b>	<b>25</b>	<b>10</b>	<b>87</b>	<b>44</b>	<b>31</b>	<b>26</b>	<b>46</b>	<b>40.4</b>
Paid farm laborers and farm foremen.....	40	358	35	14	51	20	10	81	44	31	26	46	41.0
Unpaid family workers.....	5	16	—	5	—	5	—	6	—	—	—	—	...
<b>Service workers, except private household</b> .....	<b>86</b>	<b>4 420</b>	<b>253</b>	<b>212</b>	<b>432</b>	<b>410</b>	<b>316</b>	<b>775</b>	<b>1 020</b>	<b>425</b>	<b>341</b>	<b>236</b>	<b>42.6</b>
Cleaning service workers.....	18	1 323	119	45	123	83	76	204	273	156	137	107	45.4
Food service workers.....	34	610	113	79	61	30	47	102	102	42	16	14	32.3
Cooks, except private household.....	14	316	58	52	38	25	25	39	45	19	10	5	27.0
Busboys and dishwashers.....	4	66	28	16	2	—	—	5	10	—	—	5	...
Health service workers.....	—	538	—	17	62	34	49	94	197	52	21	12	45.7
Personal service workers.....	5	553	21	33	54	76	24	80	137	50	58	20	43.6
Protective service workers.....	4	1 043	—	16	64	136	105	190	266	118	88	60	45.4
Firemen, fire protection.....	—	140	—	5	24	29	16	26	40	—	—	—	33.8
Guards and watchmen.....	4	516	—	6	4	11	17	119	139	99	65	56	52.3
Policemen and detectives.....	—	300	—	—	11	81	61	45	73	9	16	4	34.8
<b>Private household workers</b> .....	<b>—</b>	<b>63</b>	<b>4</b>	<b>—</b>	<b>—</b>	<b>5</b>	<b>—</b>	<b>11</b>	<b>10</b>	<b>11</b>	<b>5</b>	<b>17</b>	<b>...</b>

Includes allocated cases not shown separately.

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

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

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

**AUGUSTA, GA.—S.C., 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	
<b>Female employed</b> .....	<b>206</b>	<b>34 133</b>	<b>585</b>	<b>1 474</b>	<b>5 155</b>	<b>4 029</b>	<b>3 184</b>	<b>8 011</b>	<b>6 544</b>	<b>2 455</b>	<b>1 621</b>	<b>1 075</b>	<b>38.3</b>
<b>Professional, technical, and kindred workers</b> .....	<b>20</b>	<b>5 415</b>	<b>33</b>	<b>90</b>	<b>976</b>	<b>743</b>	<b>537</b>	<b>1 214</b>	<b>963</b>	<b>394</b>	<b>312</b>	<b>153</b>	<b>37.7</b>
Accountants.....	—	149	—	4	—	9	30	34	38	6	23	5	44.3
Computer specialists.....	—	18	—	—	10	3	5	—	—	—	—	—	...
Librarians.....	—	100	—	4	6	4	9	22	38	17	—	—	...
Mathematical specialists.....	—	—	—	—	—	—	—	—	—	—	—	—	...
Life and physical scientists.....	—	20	—	—	—	—	—	13	7	—	—	—	...
Registered nurses, dietitians, and therapists.....	—	1 242	4	32	186	168	122	288	266	84	65	27	38.8
Dietitians.....	—	100	—	18	5	9	5	38	16	9	—	—	...
Registered nurses.....	—	1 102	4	14	177	150	112	239	245	75	59	27	38.9
Health technologists and technicians.....	—	338	—	20	118	52	21	78	34	9	—	6	28.0
Social scientists.....	—	—	—	—	—	—	—	—	—	—	—	—	...
Social and recreation workers.....	—	186	5	7	44	16	34	29	23	17	—	11	33.1
Teachers: College and university.....	—	107	—	—	6	19	41	26	15	—	—	—	33.5
Elementary and prekindergarten.....	4	1 557	2	—	301	192	110	329	297	152	136	38	40.3
Secondary.....	—	646	—	6	124	138	59	148	70	42	41	18	34.7
Other teachers.....	—	166	16	5	17	9	24	34	25	18	—	18	38.5
Engineering and science technicians.....	—	185	—	4	24	23	20	71	36	—	7	—	38.0
Technicians, except health, and engineering and science.....	—	20	—	4	—	—	—	5	—	4	—	7	...
Writers, artists, and entertainers.....	11	128	6	—	27	14	20	15	15	16	10	5	34.3
Actors and dancers.....	—	6	—	—	—	—	6	—	—	—	—	—	...
Authors, editors, and reporters.....	—	36	6	—	—	—	—	—	9	11	5	5	...
Other professional, technical, and kindred workers.....	5	553	—	4	113	96	42	122	99	29	30	18	36.8
<b>Managers and administrators, except farm</b> .....	<b>5</b>	<b>1 135</b>	<b>8</b>	<b>—</b>	<b>89</b>	<b>73</b>	<b>98</b>	<b>246</b>	<b>325</b>	<b>150</b>	<b>85</b>	<b>61</b>	<b>46.6</b>
Buyers, purchasing agents, and sales managers.....	—	157	—	—	32	3	11	57	21	27	4	2	40.7
Restaurant, cafeteria, and bar managers.....	—	168	—	—	—	10	10	33	74	26	11	4	49.2
School administrators.....	—	85	—	—	5	—	—	20	24	23	13	—	...
Other specified managers and administrators.....	—	222	—	—	26	16	32	57	37	23	21	10	41.5
Managers and administrators, n.e.c., salaried.....	5	347	8	—	26	32	45	45	113	32	22	24	46.5
Wholesale and retail trade.....	—	175	4	—	16	21	16	28	63	11	16	—	45.4
Managers and administrators, n.e.c., self-employed.....	—	156	—	—	—	12	—	34	56	19	14	21	50.7
Wholesale and retail trade.....	—	101	—	—	—	12	—	14	32	13	14	16	52.7
<b>Sales workers</b> .....	<b>14</b>	<b>2 082</b>	<b>95</b>	<b>177</b>	<b>205</b>	<b>140</b>	<b>121</b>	<b>481</b>	<b>450</b>	<b>152</b>	<b>152</b>	<b>109</b>	<b>41.3</b>
Demonstrators, hucksters, and peddlers.....	—	149	—	5	28	29	30	34	6	—	—	17	32.1
Insurance, real estate agents, and brokers.....	—	127	—	5	—	13	10	35	34	13	17	—	45.1
Sales clerks, retail trade.....	14	1 469	75	142	139	68	71	334	330	122	116	72	42.2
Salesmen, retail trade.....	—	32	—	—	—	4	—	16	7	—	—	5	...
Other sales workers.....	—	305	20	25	38	26	10	62	73	17	19	15	40.4
<b>Clerical and kindred workers</b> .....	<b>84</b>	<b>9 682</b>	<b>185</b>	<b>687</b>	<b>1 912</b>	<b>1 282</b>	<b>939</b>	<b>2 199</b>	<b>1 493</b>	<b>493</b>	<b>313</b>	<b>179</b>	<b>34.1</b>
Bank tellers.....	—	202	—	4	65	43	14	45	19	5	7	—	28.7
Bookkeepers.....	12	1 115	8	39	134	127	66	344	247	69	44	37	40.3
Cashiers.....	12	867	49	134	151	128	76	176	100	29	16	8	28.9
Counter clerks, except food.....	—	130	4	11	13	19	6	21	35	5	11	5	40.7
Enumerators and interviewers.....	—	79	—	6	6	—	11	17	30	4	—	5	...
File clerks.....	—	188	4	27	45	21	9	33	25	14	10	—	29.3
Office machine operators.....	—	234	5	16	77	48	26	31	20	11	—	—	27.0
Bookkeeping and billing machine operators.....	—	24	—	—	10	9	5	—	—	—	—	—	...
Keypunch operators.....	—	161	5	16	51	30	12	21	15	11	—	—	26.4
Payroll and timekeeping clerks.....	—	144	—	—	39	33	10	22	25	—	6	9	30.0
Receptionists.....	—	225	—	16	42	29	20	50	33	16	10	9	36.1
Secretaries.....	5	2 850	19	155	561	483	352	626	404	130	79	41	32.9
Stenographers.....	—	74	—	—	18	8	5	18	13	—	—	12	...
Telephone operators.....	—	540	41	75	154	51	66	86	21	19	27	—	25.0
Typists.....	—	631	11	80	158	90	62	104	77	20	14	15	28.7
Other clerical and kindred workers.....	55	2 403	44	124	449	202	216	626	444	171	89	38	37.7
<b>Craftsmen and kindred workers</b> .....	<b>—</b>	<b>623</b>	<b>5</b>	<b>14</b>	<b>55</b>	<b>63</b>	<b>77</b>	<b>155</b>	<b>126</b>	<b>60</b>	<b>35</b>	<b>33</b>	<b>41.3</b>
Foremen, n.e.c.....	—	190	—	—	—	10	36	57	47	20	20	—	43.6
<b>Operatives, except transport</b> .....	<b>28</b>	<b>6 011</b>	<b>46</b>	<b>163</b>	<b>888</b>	<b>892</b>	<b>622</b>	<b>1 542</b>	<b>1 137</b>	<b>429</b>	<b>215</b>	<b>77</b>	<b>37.6</b>
Assemblers.....	—	151	4	11	24	36	33	14	29	—	—	—	30.1
Bottling and canning operatives.....	—	5	—	—	—	—	—	—	5	—	—	—	...
Checkers, examiners, and inspectors; manufacturing.....	—	386	—	19	39	41	38	95	62	46	40	6	40.9
Dressmakers and seamstresses, except factory.....	—	130	—	—	4	10	5	28	19	24	21	19	54.5
Laundry and dry cleaning operatives, including ironers.....	—	463	5	20	45	25	50	133	108	51	16	10	41.5
Grocers and sorters, manufacturing.....	—	55	5	—	12	—	—	8	30	—	—	—	...
Packers and wrappers, except produce.....	—	664	4	10	93	122	135	193	101	—	—	6	33.8
Sewers and sitchers.....	5	694	10	25	109	94	73	223	81	33	41	5	36.6
Textile operatives.....	10	1 981	—	29	272	319	125	452	514	200	56	14	40.4
Other specified operatives.....	13	774	5	18	142	123	90	197	101	48	33	17	35.5
Miscellaneous and not specified operatives.....	—	708	13	31	148	122	73	199	87	27	8	—	32.7
Manufacturing.....	—	632	5	26	142	118	69	177	66	21	8	—	31.8
Durable goods.....	—	341	—	16	112	78	42	66	20	7	—	—	27.7
Machinery, including electrical.....	—	22	—	11	5	—	—	6	—	—	—	—	...
Other durable goods.....	—	319	—	5	107	78	42	60	20	7	—	—	28.0
Nondurable goods, including not specified manufacturing.....	—	291	5	10	30	40	27	111	46	14	8	—	38.0
Food and kindred products.....	—	86	—	4	4	9	9	26	23	6	5	—	...
Apparel and other fabricated textile products.....	—	118	5	4	21	12	6	56	8	3	3	—	37.0
Nonmanufacturing industries.....	—	76	8	5	6	4	4	22	21	6	—	—	...
<b>Transport equipment operatives</b> .....	<b>10</b>	<b>185</b>	<b>14</b>	<b>5</b>	<b>10</b>	<b>5</b>	<b>6</b>	<b>81</b>	<b>41</b>	<b>19</b>	<b>4</b>	<b>—</b>	<b>41.5</b>
Laborers, except farm.....	—	413	29	23	41	27	57	116	62	10	38	10	37.5
Farmers and farm managers.....	—	25	—	—	—	—	—	5	10	5	—	5	...
Farm laborers and farm foremen.....	—	44	—	5	7	—	5	6	5	9	7	—	...
Paid farm laborers and farm foremen.....	—	44	—	5	7	—	5	6	5	9	7	—	...
Unpaid family workers.....	—	—	—	—	—	—	—	—	—	—	—	—	...
<b>Service workers, except private household<sup>1</sup></b> .....	<b>26</b>	<b>5 525</b>	<b>95</b>	<b>272</b>	<b>799</b>	<b>662</b>	<b>535</b>	<b>1 340</b>	<b>1 138</b>	<b>361</b>	<b>204</b>	<b>119</b>	<b>38.0</b>
Cleaning service workers.....	—	824	10	18	75	58	72	190	251	59	59	32	44.4
Chambermaids and maids.....	—	339	5	14	36	30	26	66	103	28	27	4	43.9
Food service workers.....	—	1 998	53	143	312	206	173	480	401	145	45	40	37.3
Cooks, except private household.....	—	852	—	20	91	60	75	226	234	96	27	23	43.0
Waiters and food counter workers.....	—	879	40	118	185	113	68	218	99	18	14	6	29.3
Health service workers.....	5	1 329	11	62	226	244	153	331	185	70	31	16	34.0
Nursing aides, orderlies, and attendants.....	5	835	5	47	122	179	116	197	109	31	18	11	32.8
Practical nurses.....	—	231	—	—	59	18	19	49	47	25	9	5	39.0
Personal service workers.....	9	827											

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

AUGUSTA, GA.—S.C., 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	
<b>Male employed</b>	<b>120</b>	<b>11 764</b>	<b>290</b>	<b>531</b>	<b>1 660</b>	<b>1 381</b>	<b>1 089</b>	<b>2 475</b>	<b>2 260</b>	<b>985</b>	<b>629</b>	<b>464</b>	<b>38.8</b>
Professional, technical, and kindred workers	—	563	4	—	96	98	101	139	86	7	17	15	34.1
Engineers	—	11	—	—	—	—	11	—	—	—	—	—	—
Lawyers and judges	—	4	—	—	—	—	—	4	—	—	—	—	—
Life and physical scientists	—	9	—	—	—	—	9	—	—	—	—	—	—
Physicians, dentists, and related practitioners	—	5	—	—	—	—	5	—	—	—	—	—	—
Health workers, except practitioners	—	41	—	—	10	—	17	5	7	2	—	—	—
Social and recreation workers	—	11	—	—	—	—	6	—	—	—	5	—	—
Teachers	—	211	—	—	17	50	26	69	43	—	6	—	36.8
Technicians, except health	—	68	—	—	12	25	—	18	13	—	—	—	—
Writers, artists, and entertainers	—	93	4	—	26	8	13	22	12	—	—	8	—
Other professional, technical, and kindred workers	—	110	—	—	31	15	14	21	11	5	6	7	33.2
Managers and administrators, except farm	6	298	—	—	9	27	34	82	73	55	13	5	44.6
Salaried	6	209	—	—	9	22	22	65	53	25	13	—	42.9
Manufacturing	—	9	—	—	—	—	—	9	—	—	—	—	—
Retail trade	—	51	—	—	—	10	—	10	22	4	5	—	—
All other industries	6	149	—	—	9	12	22	46	31	21	8	—	41.8
Self-employed	—	89	—	—	—	5	12	17	20	30	—	5	—
Retail trade	—	47	—	—	—	5	7	7	9	26	—	—	—
All other industries	—	42	—	—	—	—	5	17	11	4	—	5	—
Sales workers	12	112	—	—	19	27	12	19	12	4	—	—	34.2
Manufacturing and wholesale trade	12	28	—	—	11	6	5	6	—	—	—	5	—
Retail trade	—	71	—	—	8	21	7	13	12	—	—	—	—
All other industries	—	13	—	—	—	—	—	—	—	4	9	—	—
Clerical and kindred workers	—	493	11	34	124	57	39	84	72	52	16	4	32.6
Bookkeepers and billing clerks	—	21	—	—	6	7	3	—	5	—	—	—	—
Mail handlers and postal clerks	—	50	4	—	15	—	—	17	10	4	—	—	—
Other clerical and kindred workers	—	422	7	34	103	50	36	67	57	48	16	4	32.4
Craftsmen and kindred workers	9	2 023	18	35	218	244	176	574	442	118	129	69	40.6
Carpenters	—	168	—	—	16	23	11	30	34	15	24	15	46.2
Construction craftsmen, except carpenters	—	651	5	6	55	50	79	166	193	43	41	13	42.9
Automobile mechanics, including body repairmen	3	204	3	12	13	38	9	55	41	16	5	12	39.9
Mechanics and repairmen, except auto	—	287	—	7	19	17	20	110	59	21	19	15	42.3
Machinists	—	38	—	3	4	3	7	12	—	9	—	—	—
Metal craftsmen, except mechanics and machinists	—	13	—	—	5	4	—	—	4	—	—	—	—
Foremen, n.e.c.	—	152	—	—	4	22	3	93	19	—	6	5	40.1
Other craftsmen and kindred workers	6	510	10	7	102	87	47	108	92	14	34	9	35.2
Operatives, except transport	11	2 685	93	189	514	396	287	545	411	126	83	41	32.6
Assemblers	—	40	—	—	13	—	4	7	12	—	4	—	—
Garage workers and gas station attendants	—	124	16	16	5	9	13	17	27	8	—	13	36.8
Laundry and drycleaning operatives, including ironers	7	110	19	—	17	11	14	6	25	11	7	—	32.9
Precision machine operatives	—	23	—	—	4	—	—	—	19	—	—	—	—
Other operatives, except transport	4	2 388	58	160	488	372	260	515	328	107	72	28	32.2
Durable goods, manufacturing	4	755	5	47	168	128	91	166	68	46	32	4	31.6
Non-durable goods, including not specified manufacturing	—	1 236	34	72	271	220	134	263	174	32	25	11	30.8
Nonmanufacturing industries	—	397	19	41	49	24	35	86	86	29	15	13	38.5
Transport equipment operatives	6	1 312	24	50	136	159	143	282	302	111	47	58	40.1
Truck drivers	—	713	7	8	66	71	84	166	185	65	38	23	42.3
Other transport equipment operatives	6	599	17	42	70	88	59	116	117	46	9	35	37.0
Laborers, except farm	36	1 795	45	98	255	168	125	317	360	241	105	81	41.5
Construction laborers	—	299	6	20	21	20	22	47	62	72	22	7	47.2
Freight, stock, and material handlers	—	626	28	46	125	66	40	144	102	61	14	—	35.6
Other laborers, except farm	36	870	11	32	109	82	63	126	196	108	69	74	45.6
Manufacturing industries	—	329	4	12	49	66	36	37	66	38	21	—	34.7
Farmers and farm managers	—	86	—	—	—	6	10	8	5	33	5	19	—
Farm laborers and farm foremen	24	234	27	10	38	5	10	36	22	23	22	41	42.5
Service workers, except private household <sup>1</sup>	16	2 105	64	115	251	189	152	378	465	204	173	114	42.4
Cleaning service workers	9	999	31	40	101	62	49	155	230	126	122	83	37.7
Food service workers	7	324	29	45	33	25	32	61	52	27	6	14	34.7
Health service workers	—	276	—	4	52	28	40	52	75	19	—	6	37.7
Personal service workers	—	235	4	14	21	40	9	42	62	21	20	2	42.0
Protective service workers	—	106	—	5	12	19	12	25	15	9	9	—	37.0
Private household workers	—	58	4	—	—	5	—	11	10	11	5	12	—
<b>Female employed</b>	<b>47</b>	<b>10 288</b>	<b>140</b>	<b>329</b>	<b>1 725</b>	<b>1 231</b>	<b>1 032</b>	<b>2 286</b>	<b>1 911</b>	<b>797</b>	<b>433</b>	<b>404</b>	<b>38.0</b>
Professional, technical, and kindred workers	4	1 061	5	31	168	148	99	284	184	66	47	29	37.8
Registered nurses	—	168	—	5	32	13	29	39	37	3	5	—	36.3
Health workers, except nurses	—	80	—	18	8	6	—	39	5	4	—	—	—
Teachers, elementary and secondary schools	4	612	—	—	111	88	43	161	109	39	37	24	39.0
Technicians, except health	—	—	—	—	—	—	—	—	—	—	—	—	—
Other professional, technical, and kindred workers	—	201	5	8	17	41	27	45	33	20	5	—	35.6
Managers and administrators, except farm	—	134	—	—	12	6	21	21	20	48	—	6	48.5
Salaried	—	113	—	—	12	6	21	12	12	44	—	6	49.6
Self-employed	—	21	—	—	—	—	—	9	8	4	—	—	—
Sales workers	—	161	7	4	35	13	4	71	27	—	—	—	37.5
Retail trade	—	136	—	4	35	13	4	68	12	—	—	—	36.8
Clerical and kindred workers	12	852	15	97	300	122	109	87	65	19	20	18	25.6
Bookkeepers and cashiers	—	200	7	16	49	42	9	43	9	15	—	10	28.3
Office machine operators	—	19	—	—	—	6	4	4	5	—	—	—	—
Secretaries, stenographers, and typists	—	226	—	30	90	43	41	16	—	—	6	—	24.6
Other clerical and kindred workers	12	407	8	51	161	31	55	24	51	4	14	8	24.5
Craftsmen and kindred workers	—	107	—	5	23	12	9	21	25	—	—	12	37.1
Operatives, except transport	5	2 003	22	71	504	378	239	456	205	91	20	17	30.6
Sewers and stitchers	—	224	—	—	12	59	38	65	13	14	—	—	30.7
Laundry and drycleaning operatives, including ironers	—	387	5	20	45	21	46	105	83	42	10	10	40.4
Other operatives, except transport	5	1 392	17	39	400	319	170	286	109	35	10	7	28.8
Durable goods, manufacturing	—	255	9	9	87	61	54	26	5	—	4	—	26.8
Non-durable goods, including not specified manufacturing	—	914	—	30	253	233	87	206	84	8	6	7	28.7
Nonmanufacturing industries	5	223	8	—	60	25	29	54	20	27	—	—	33.2
Transport equipment operatives	10	46	4	—	5	—	—	16	12	5	4	—	—
Laborers, except farm	—	194	11	9	27	12	34	57	19	4	21	—	35.7
Farmers and farm managers	—	5	—	—	—	—	—	—	—	5	—	—	—
Farm laborers and farm foremen	—	21	—	—	7	—	5	—	—	4	—	—	—
Service workers, except private household <sup>1</sup>	12	2 977	35	79	479	403	334	674	599	206	107	61	37.4
Cleaning service workers	—	745	10	13	75	50	68	179	231	49	43	27	43.7
Food service workers	—	1 063	17	44	179	109	112	218	219	110	33	22	38.2
Health service workers	—	715	—	22	158	192	94	167	48	14	11	9	29.6
Practical nurses	—	115	—	—	45	13	9	25	15	—	5	3	29.8
Personal service workers	—	222	4	—	15	30	32						

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**

**CHATTANOOGA, TENN.—GA., 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	
<b>Total</b>	<b>477</b>	<b>73 638</b>	<b>1 193</b>	<b>2 386</b>	<b>8 411</b>	<b>9 351</b>	<b>7 908</b>	<b>16 522</b>	<b>14 791</b>	<b>6 098</b>	<b>4 331</b>	<b>2 647</b>	<b>39.6</b>
<b>Male employed</b>													
<b>Professional, technical, and kindred workers</b>	<b>7</b>	<b>9 005</b>	<b>16</b>	<b>130</b>	<b>1 101</b>	<b>1 512</b>	<b>1 349</b>	<b>2 104</b>	<b>1 583</b>	<b>580</b>	<b>388</b>	<b>242</b>	<b>36.9</b>
Accountants	703	—	—	135	128	72	117	170	33	31	17	—	36.4
Architects	32	—	—	—	—	12	10	5	—	5	—	—	—
Computer specialists	227	—	—	63	46	73	34	—	11	—	—	—	30.3
Engineers	1 951	—	14	205	358	260	398	375	170	118	53	—	38.5
Aeronautical and astronautical	7	—	—	—	—	—	—	7	—	—	—	—	—
Civil	289	—	7	11	53	17	53	75	55	18	—	—	45.5
Electrical and electronic	551	—	—	50	103	72	121	86	52	56	11	—	39.2
Mechanical	261	—	—	25	43	35	56	62	22	5	13	—	39.9
Other engineers	843	—	7	119	159	136	168	145	41	39	29	—	35.0
Lawyers and judges	388	—	—	—	44	78	66	112	43	28	17	—	45.5
Life and physical scientists	—	190	—	—	19	15	68	56	16	10	6	—	34.5
Chemists	169	—	—	19	15	68	39	16	6	6	—	—	33.7
Physicians, dentists, and related practitioners	7	640	—	—	9	90	58	223	156	60	18	26	42.3
Dentists	7	125	—	—	—	33	4	41	33	—	5	—	41.2
Pharmacists	—	154	—	—	5	35	14	63	18	15	9	4	38.7
Physicians, medical and osteopathic	—	326	—	—	4	17	28	119	87	45	—	17	44.6
Other related practitioners	—	35	—	—	—	5	12	—	18	—	—	—	—
Health technologists and technicians	—	48	—	—	—	10	5	19	3	—	—	—	—
Religious workers	—	482	—	5	30	61	88	125	90	15	26	42	39.6
Social scientists	—	43	—	—	6	12	6	14	5	—	—	—	—
Social and recreation workers	—	114	—	—	25	9	26	46	8	—	—	—	34.4
Teachers	—	1 097	11	6	133	228	145	280	148	54	45	47	35.9
College and university	—	308	—	—	18	79	51	78	27	28	5	22	35.8
Elementary and prekindergarten	—	320	6	6	46	60	59	69	47	5	18	4	33.6
Secondary	—	388	—	—	58	89	24	112	64	14	16	11	37.1
Engineering and science technicians	—	1 251	—	41	294	257	169	234	147	54	49	6	31.0
Draftsmen and surveyors	—	716	—	23	197	141	97	111	89	19	33	6	29.9
Electrical and electronic engineering technicians	—	117	—	10	24	28	7	24	19	—	5	—	29.4
Technicians, except health, and engineering and science	—	67	—	—	—	9	6	23	24	5	—	—	—
Airplane pilots	—	13	—	—	—	9	—	—	4	—	—	—	—
Writers, artists, and entertainers	—	554	—	43	38	75	92	131	96	47	13	19	37.2
Other professional, technical, and kindred workers	—	1 218	5	21	144	170	191	328	228	78	38	15	37.4
<b>Managers and administrators, except farm</b>	<b>—</b>	<b>8 718</b>	<b>23</b>	<b>67</b>	<b>456</b>	<b>808</b>	<b>952</b>	<b>2 306</b>	<b>2 195</b>	<b>928</b>	<b>630</b>	<b>353</b>	<b>43.9</b>
Buyers, purchasing agents, and sales managers	—	927	—	22	58	111	118	233	229	98	37	21	41.6
School administrators	—	216	—	—	—	6	—	59	61	42	24	24	52.0
Specified managers and administrators, public administration	—	303	—	—	11	14	22	73	89	49	25	20	48.5
Other specified managers and administrators	—	1 657	—	20	179	180	229	416	356	130	94	53	40.3
Managers and administrators, n.e.c., salaried	—	4 324	23	25	204	439	515	1 165	1 109	387	298	159	43.2
Manufacturing	—	1 311	—	4	31	80	207	379	377	105	93	35	43.8
Wholesale and retail trade	—	1 436	18	15	136	174	133	318	338	120	107	77	42.6
Transportation, communications, and other public utilities	—	413	—	—	—	28	11	151	131	53	25	14	46.3
All other industries	—	1 164	5	6	37	157	164	317	263	109	73	33	41.7
Managers and administrators, n.e.c., self-employed	—	1 291	—	—	4	58	68	360	351	222	152	76	49.4
Construction	—	289	—	—	—	16	13	97	89	43	22	9	47.1
Manufacturing	—	108	—	—	—	5	6	40	25	17	5	10	46.2
Wholesale and retail trade	—	635	—	—	4	37	44	162	153	105	91	39	49.6
All other industries	—	259	—	—	—	—	5	61	84	57	34	18	52.6
<b>Sales workers</b>	<b>32</b>	<b>5 491</b>	<b>138</b>	<b>178</b>	<b>513</b>	<b>775</b>	<b>537</b>	<b>1 317</b>	<b>998</b>	<b>419</b>	<b>334</b>	<b>282</b>	<b>39.6</b>
Insurance agents, brokers, and underwriters	—	776	—	—	63	179	45	214	161	42	38	34	39.7
Real estate agents and brokers	—	255	—	—	4	16	19	44	47	38	31	56	54.5
Sales representatives, manufacturing industries	—	765	5	5	42	85	121	232	176	61	33	5	40.4
Sales representatives, wholesale trade	—	977	5	7	95	169	110	275	152	84	45	35	38.7
Sales clerks, retail trade	—	1 066	99	99	161	104	63	156	150	70	79	85	35.4
Salesmen, retail trade	—	765	6	20	92	104	64	173	175	59	51	21	40.6
Salesmen of services and construction	—	225	—	12	21	14	33	61	44	6	23	11	40.3
Other sales workers	—	662	23	35	35	104	82	162	93	59	34	35	38.2
<b>Clerical and kindred workers</b>	<b>57</b>	<b>5 122</b>	<b>91</b>	<b>210</b>	<b>801</b>	<b>654</b>	<b>502</b>	<b>997</b>	<b>971</b>	<b>417</b>	<b>290</b>	<b>189</b>	<b>38.0</b>
Bank tellers and cashiers	—	140	23	11	44	—	10	18	13	4	—	17	24.1
Bookkeepers and billing clerks	—	397	—	10	42	48	28	69	106	43	23	28	45.1
Mail handlers and postal clerks	—	629	5	6	40	53	63	147	218	75	19	3	45.0
Other clerical and kindred workers	—	3 956	63	183	675	553	401	763	634	295	248	141	36.3
<b>Craftsmen and kindred workers</b>	<b>43</b>	<b>16 789</b>	<b>78</b>	<b>220</b>	<b>1 548</b>	<b>1 881</b>	<b>1 785</b>	<b>4 161</b>	<b>3 951</b>	<b>1 553</b>	<b>1 137</b>	<b>475</b>	<b>41.9</b>
Apparel craftsmen and upholsterers	—	203	—	—	17	30	11	44	42	23	12	24	44.9
Bakers	—	71	5	9	6	—	20	6	5	16	—	4	—
Cabinetmakers	—	140	—	—	23	28	21	13	28	13	5	5	33.6
Construction craftsmen	—	3 998	11	56	366	386	452	1 079	846	359	287	156	41.7
Carpenters	—	990	—	3	76	102	94	209	206	149	75	76	45.5
Excavating, grading, and road machine operators	—	341	—	11	28	33	44	113	55	33	18	6	39.8
Electricians	—	882	—	10	91	72	141	273	181	46	54	14	39.7
Masons and tile setters	—	367	8	4	20	54	60	106	78	—	37	—	38.5
Painters, construction and maintenance, and paperhangers	—	418	3	10	34	33	36	96	105	51	18	32	44.7
Plasterers and cement finishers	—	96	—	—	5	4	7	33	42	—	5	—	—
Plumbers and pipe fitters	—	553	—	6	60	62	22	142	95	71	67	28	43.9
Other construction craftsmen	—	351	—	12	52	26	48	107	84	9	13	—	38.5
Foremen, n.e.c.	—	3 098	6	5	161	318	383	789	863	338	187	48	43.6
Manufacturing	—	2 273	6	—	138	248	273	603	638	234	111	22	42.8
Nonmanufacturing industries	—	825	—	5	23	70	110	186	225	104	76	26	45.8
Linemen and servicemen, telephone and power	—	431	—	14	61	77	24	159	84	12	—	—	37.5
Locomotive engineers and firemen	—	88	—	—	—	11	—	10	40	11	16	—	—
Mechanics and repairmen	—	3 645	27	36	371	497	389	936	842	309	176	62	40.4
Air conditioning, heating, and refrigeration	—	144	—	6	22	27	—	35	23	14	11	6	39.9
Aircraft	—	30	—	—	—	4	—	13	13	—	—	—	—
Automobile, including body	—	1 134	7	21	147	180	126	230	295	84	40	4	38.7
Radio and television	—	133	5	—	24	15	21	37	19	6	6	—	35.4
Other mechanics and repairmen	—	2 204	15	9	178	271	242	621	492	205	119	52	41.2
<b>Metal craftsmen, except mechanics</b>	<b>5</b>	<b>1 982</b>	<b>5</b>	<b>44</b>	<b>166</b>	<b>216</b>	<b>167</b>	<b>552</b>	<b>443</b>	<b>191</b>	<b>153</b>	<b>45</b>	<b>42.1</b>
Machinists and job and die makers	—	953	—	15	63	127	86	283	173	94	74	33	41.4
Sheetmetal workers and tinsmiths	—	201	—	9	45	30	12	38	40	15	7	5	36.2
Tool and die makers	—	114	—	—	24	15	17	22					

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

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

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

CHATTANOOGA, TENN.—GA., 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
<b>Operatives, except transport</b> .....	<b>66</b>	<b>13 025</b>	<b>228</b>	<b>638</b>	<b>2 077</b>	<b>2 011</b>	<b>1 331</b>	<b>2 608</b>	<b>2 349</b>	<b>906</b>	<b>653</b>	<b>224</b>	<b>35.9</b>
Assemblers.....	—	444	6	4	119	67	35	110	77	8	18	—	33.7
Checkers, examiners, and inspectors; manufacturing.....	—	582	5	31	89	106	54	101	124	47	16	9	35.6
Garage workers and gas station attendants.....	10	627	61	58	96	73	42	62	103	69	38	25	33.0
Laundry and drycleaning operatives, n.e.c.....	—	72	—	—	13	—	6	19	17	11	6	—	...
Meat cutters and butchers.....	—	265	18	16	33	47	11	46	37	20	21	16	36.6
Mine operatives, n.e.c.....	—	28	—	2	—	—	—	11	15	—	—	—	...
Packers and wrappers, except produce.....	4	360	4	39	98	39	63	81	9	6	17	4	30.0
Painters, manufactured articles.....	—	146	—	9	31	16	—	23	41	22	4	—	42.4
Precision machine operatives.....	—	474	—	—	73	102	65	83	97	40	14	—	34.8
Sawyers.....	—	80	—	—	—	8	4	9	30	7	10	12	...
Stationary firemen.....	—	149	—	—	4	29	—	26	40	29	14	7	48.9
Textile operatives.....	6	2 059	25	144	364	371	241	377	273	144	101	19	32.6
Welders and flamecutters.....	—	1 570	9	35	257	251	166	375	284	118	51	24	36.8
Other metalworking operatives.....	—	422	5	22	49	36	24	157	91	34	4	—	39.8
Other specified operatives.....	41	2 489	64	145	380	331	239	473	511	163	145	38	36.8
Miscellaneous and not specified operatives.....	5	3 258	31	133	471	535	381	655	600	188	194	70	36.2
Occupation:													
Machine operatives, miscellaneous specified.....	—	1 237	10	19	143	189	152	279	237	77	100	31	38.8
Machine operatives, not specified.....	—	851	10	19	121	155	103	175	171	45	33	19	36.0
Miscellaneous operatives.....	5	839	11	84	143	121	90	160	121	48	44	17	33.4
Not specified operatives.....	—	331	—	11	64	70	36	41	71	18	17	3	32.8
Industry:													
Manufacturing.....	—	2 803	26	96	421	498	333	537	520	160	160	52	35.5
Durable goods.....	—	1 629	26	65	222	259	175	281	324	114	125	38	37.4
Wood products, including furniture.....	—	127	4	19	13	10	—	18	18	11	21	13	44.7
Primary metal industries.....	—	309	—	6	42	13	30	68	100	29	21	—	44.3
Fabricated metal industries.....	—	470	16	6	105	69	57	70	84	25	27	11	33.4
Machinery, including electrical.....	—	253	—	21	28	57	40	33	28	8	35	3	32.6
Motor vehicles and equipment.....	—	25	—	—	—	4	5	—	5	6	5	—	...
Transportation equipment, except motor vehicles.....	—	100	—	4	12	12	12	34	12	7	7	—	...
Other durable goods.....	—	345	6	9	22	94	31	58	77	28	9	11	36.8
Nondurable goods.....	—	1 153	—	31	194	239	153	250	196	41	35	14	33.7
Food and kindred products.....	—	248	—	13	52	24	34	66	53	6	—	—	35.2
Apparel and other fabricated textile products.....	—	23	—	—	—	10	—	—	13	—	—	—	...
Paper and allied products.....	—	265	—	10	33	38	31	66	56	15	11	5	38.1
Chemicals and allied products.....	—	528	—	4	86	167	77	97	56	8	24	9	30.5
Other nondurable goods.....	—	89	—	4	23	—	11	21	18	12	—	—	...
Not specified manufacturing industries.....	—	21	—	—	5	—	5	6	—	5	—	—	...
Nonmanufacturing industries.....	5	455	5	37	50	37	48	118	80	28	34	18	39.3
Transportation, communications, and other public utilities.....	—	68	—	6	5	9	7	24	17	—	—	—	...
Wholesale and retail trade.....	—	161	—	9	27	12	12	44	24	11	18	4	39.7
All other industries.....	5	226	5	22	18	16	29	50	39	17	16	14	39.6
Transport equipment operatives.....	11	5 110	28	190	630	714	560	1 300	979	389	194	126	38.3
Bus drivers.....	—	240	—	—	17	14	35	37	59	49	29	—	47.9
Taxicab drivers and chauffeurs.....	—	132	—	7	9	7	21	21	40	12	9	6	45.3
Truck drivers and deliverymen.....	11	3 356	24	121	387	443	353	983	668	202	94	81	38.6
Other transport equipment operatives.....	—	1 382	4	62	217	250	151	259	212	126	62	39	35.3
Laborers, except farm.....	128	4 684	357	495	700	462	437	678	823	320	242	170	33.8
Construction laborers.....	—	890	28	56	139	78	91	161	207	74	39	17	38.3
Freight, stock, and material handlers.....	30	1 488	249	259	241	126	73	214	185	78	26	37	24.9
Other specified laborers.....	90	1 258	59	114	153	123	155	143	229	89	108	85	36.7
Miscellaneous and not specified laborers.....	8	1 048	21	66	167	135	118	160	202	79	69	31	36.1
Occupation:													
Miscellaneous laborers.....	—	259	—	15	26	30	21	43	62	23	21	18	43.7
Not specified laborers.....	8	789	21	51	141	105	97	117	140	56	48	13	33.9
Industry:													
Manufacturing.....	—	687	5	39	137	98	90	102	130	23	46	17	33.6
Durable goods.....	—	468	—	27	82	62	61	84	91	23	31	7	35.2
Wood products, including furniture.....	—	52	—	10	10	6	5	16	—	—	—	—	...
Metal industries.....	—	297	—	6	43	36	39	72	55	23	16	7	38.4
Machinery, including electrical.....	—	58	—	—	10	17	—	7	15	—	9	—	...
Transportation equipment.....	—	9	—	—	6	3	—	—	—	—	—	—	...
Other durable goods.....	—	52	—	11	13	—	17	—	5	—	6	—	...
Nondurable goods.....	—	213	5	12	55	36	29	18	39	—	15	4	29.8
Food and kindred products.....	—	74	—	3	—	18	18	—	23	—	8	4	...
Not specified manufacturing industries.....	—	6	—	—	—	—	—	—	—	—	—	6	...
Nonmanufacturing industries.....	8	361	16	27	30	37	28	58	72	56	23	14	42.3
Railroads and railway express service.....	—	51	—	—	—	3	5	9	8	17	9	—	...
Transportation, except railroads.....	—	10	—	—	—	—	5	—	—	—	—	5	...
Communications, and utilities and sanitary services.....	—	75	—	10	6	10	5	10	13	12	9	—	...
Wholesale and retail trade.....	8	92	—	6	6	9	9	19	19	14	5	5	...
All other industries.....	—	133	16	11	18	15	4	20	32	13	—	4	36.3
Farmers and farm managers.....	—	393	—	—	26	32	14	81	120	33	34	53	48.6
Farm laborers and farm foremen.....	53	324	5	48	38	35	27	61	51	19	8	32	36.5
Paid farm laborers and farm foremen.....	46	318	5	48	32	35	27	61	51	19	8	32	37.0
Unpaid family workers.....	7	6	—	—	6	—	—	—	—	—	—	—	...
Service workers, except private household <sup>1</sup> .....	80	4 856	229	205	499	458	414	891	757	514	405	484	42.0
Cleaning service workers.....	29	2 017	49	84	186	159	103	348	361	268	208	251	47.2
Food service workers.....	35	545	119	46	105	48	47	64	27	42	29	18	25.3
Cooks, except private household.....	—	253	41	16	47	15	33	35	25	21	13	7	31.1
Busboys and dishwashers.....	30	138	43	10	25	15	—	13	—	11	10	11	23.2
Health service workers.....	7	141	10	14	28	25	14	12	14	9	10	5	28.7
Personal service workers.....	—	536	23	27	47	50	55	89	78	58	31	78	42.4
Protective service workers.....	—	1 087	19	8	74	129	142	284	166	84	86	95	41.0
Firemen, fire protection.....	—	196	6	8	29	34	33	57	23	—	—	6	33.2
Guards and watchmen.....	—	407	3	—	6	21	11	63	94	68	63	78	55.4
Policemen and detectives.....	—	391	—	—	35	69	92	137	35	5	14	4	35.0
Private household workers.....	—	121	—	5	22	9	—	18	14	20	16	17	49.6

<sup>1</sup>Includes allocated cases not shown separately.



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

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

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

CHATTANOOGA, TENN.—GA., 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	
<b>Female employed</b> .....	<b>258</b>	<b>47 910</b>	<b>483</b>	<b>2 196</b>	<b>6 725</b>	<b>5 030</b>	<b>4 798</b>	<b>10 539</b>	<b>9 658</b>	<b>3 852</b>	<b>2 701</b>	<b>1 928</b>	<b>39.5</b>
<b>Professional, technical, and kindred workers</b> .....	<b>21</b>	<b>7 270</b>	<b>17</b>	<b>84</b>	<b>1 011</b>	<b>1 024</b>	<b>712</b>	<b>1 665</b>	<b>1 401</b>	<b>589</b>	<b>423</b>	<b>344</b>	<b>39.7</b>
Accountants.....	—	206	—	—	48	40	14	46	20	12	—	—	35.2
Computer specialists.....	—	56	—	4	30	4	9	—	—	—	—	—	—
Librarians.....	—	141	—	21	11	5	4	24	45	8	5	18	46.2
Mathematical specialists.....	—	15	—	—	—	—	—	4	11	—	—	—	—
Life and physical scientists.....	—	42	—	—	9	—	10	—	9	5	—	—	—
Registered nurses, dietitians, and therapists.....	5	1 338	—	7	155	169	120	292	356	116	69	54	42.5
Dietitians.....	—	70	—	—	—	—	—	9	46	5	—	—	—
Registered nurses.....	5	1 210	—	7	136	153	113	274	298	111	64	54	42.2
Health technologists and technicians.....	—	280	—	6	82	72	21	67	19	—	13	—	28.6
Social scientists.....	—	4	—	—	—	—	—	4	—	—	—	—	—
Social and recreation workers.....	7	315	—	—	45	72	21	71	51	35	—	20	37.7
Teachers: College and university.....	—	230	—	10	31	47	30	38	36	10	—	28	34.5
Elementary and prekindergarten.....	—	2 163	7	9	260	243	182	552	339	231	232	108	41.9
Secondary.....	5	719	—	6	106	140	61	142	158	46	26	34	38.3
Other teachers.....	4	187	10	—	28	26	29	51	23	20	—	—	35.1
Engineering and science technicians.....	—	296	—	5	55	40	27	96	67	6	—	—	37.2
Technicians, except health, and engineering and science.....	—	18	—	—	—	—	4	5	—	4	—	5	—
Writers, artists, and entertainers.....	—	257	—	10	31	39	11	64	66	6	13	17	40.9
Actors and dancers.....	—	10	—	—	—	—	—	—	—	—	—	—	—
Authors, editors, and reporters.....	—	59	—	4	—	12	—	11	13	6	7	6	—
Other professional, technical, and kindred workers.....	—	1 003	—	6	120	127	169	191	201	90	50	49	39.2
<b>Managers and administrators, except farm</b> .....	<b>5</b>	<b>1 535</b>	<b>—</b>	<b>4</b>	<b>95</b>	<b>87</b>	<b>92</b>	<b>451</b>	<b>411</b>	<b>163</b>	<b>166</b>	<b>66</b>	<b>45.9</b>
Buyers, purchasing agents, and sales managers.....	—	223	—	—	24	16	10	88	37	19	24	5	42.0
Restaurant, cafeteria, and bar managers.....	—	238	—	4	7	8	9	67	87	33	12	11	47.8
School administrators.....	—	56	—	—	—	5	9	28	—	4	—	10	—
Other specified managers and administrators.....	—	286	—	—	28	25	13	118	60	16	20	6	41.5
Managers and administrators, n.e.c., salaried.....	5	534	—	—	31	23	47	118	168	54	64	29	47.9
Wholesale and retail trade.....	—	162	—	—	12	—	9	43	61	19	13	5	47.8
Managers and administrators, n.e.c., self-employed.....	—	198	—	—	5	10	4	32	59	37	46	5	53.1
Wholesale and retail trade.....	—	124	—	—	—	10	—	6	54	26	23	5	53.5
<b>Sales workers</b> .....	<b>34</b>	<b>2 984</b>	<b>33</b>	<b>195</b>	<b>300</b>	<b>105</b>	<b>203</b>	<b>628</b>	<b>730</b>	<b>371</b>	<b>239</b>	<b>180</b>	<b>45.4</b>
Demonstrators, hucksters, and peddlers.....	—	131	—	—	6	10	30	22	32	9	16	6	43.9
Insurance, real estate agents, and brokers.....	—	242	—	—	38	5	8	72	73	21	8	17	44.7
Sales clerks, retail trade.....	15	1 843	29	167	156	38	71	388	483	265	147	99	46.5
Salesmen, retail trade.....	—	89	—	6	10	—	—	17	24	27	—	5	—
Other sales workers.....	19	679	4	22	90	52	94	129	118	49	68	53	41.0
<b>Clerical and kindred workers</b> .....	<b>26</b>	<b>14 515</b>	<b>157</b>	<b>1 152</b>	<b>2 939</b>	<b>1 589</b>	<b>1 677</b>	<b>2 829</b>	<b>2 488</b>	<b>767</b>	<b>599</b>	<b>318</b>	<b>34.2</b>
Bank tellers.....	—	320	—	21	92	44	77	57	24	—	5	—	30.2
Bookkeepers.....	4	1 825	5	86	230	189	260	355	415	141	61	83	39.0
Cashiers.....	3	896	36	107	137	54	110	179	147	46	49	31	35.2
Counter clerks, except food.....	2	230	5	9	27	21	20	55	48	14	17	14	41.0
Enumerators and interviewers.....	—	129	—	6	5	40	20	21	16	11	5	5	33.4
File clerks.....	—	336	—	57	105	16	38	53	46	10	11	—	26.9
Office machine operators.....	—	479	6	23	144	68	75	100	47	6	10	—	29.9
Bookkeeping and billing machine operators.....	—	40	—	—	11	17	—	12	—	—	—	—	—
Key punch operators.....	—	374	6	23	123	51	65	73	28	—	5	—	28.4
Payroll and timekeeping clerks.....	—	187	—	—	27	—	16	72	41	10	16	5	42.0
Receptionists.....	—	391	6	42	99	42	37	55	54	25	20	11	30.9
Secretaries.....	9	3 721	6	168	783	498	458	703	719	155	157	74	34.4
Stenographers.....	—	180	—	24	19	15	38	43	10	16	15	—	34.2
Telephone operators.....	—	572	5	62	131	57	24	125	111	15	33	9	35.6
Typists.....	3	992	19	134	305	157	74	118	123	21	28	13	26.2
Other clerical and kindred workers.....	5	4 257	69	413	835	388	430	893	687	297	172	73	34.9
<b>Craftsman and kindred workers</b> .....	<b>6</b>	<b>1 085</b>	<b>22</b>	<b>27</b>	<b>114</b>	<b>99</b>	<b>82</b>	<b>286</b>	<b>224</b>	<b>128</b>	<b>49</b>	<b>54</b>	<b>41.9</b>
Foremen, n.e.c.....	—	294	—	—	18	30	21	83	95	29	4	14	44.4
<b>Operatives, except transport</b> .....	<b>39</b>	<b>9 873</b>	<b>71</b>	<b>334</b>	<b>1 034</b>	<b>1 208</b>	<b>1 195</b>	<b>2 591</b>	<b>1 972</b>	<b>824</b>	<b>411</b>	<b>233</b>	<b>39.2</b>
Assemblers.....	—	465	—	14	54	93	74	142	53	17	5	13	34.8
Bottling and canning operatives.....	—	11	—	—	—	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing.....	—	914	—	40	61	78	125	306	195	61	21	27	40.0
Dressmakers and seamstresses, except factory.....	—	139	—	—	11	6	3	16	25	25	21	32	56.7
Laundry and dry cleaning operatives, including ironers.....	6	445	4	9	34	10	12	105	134	74	32	31	48.6
Graders and sorters, manufacturing.....	—	35	—	11	—	—	—	19	5	—	—	—	—
Packers and wrappers, except produce.....	3	485	16	40	38	70	50	132	97	26	5	11	37.2
Sewers and stitchers.....	—	1 314	4	9	186	148	138	278	300	149	75	27	41.2
Textile operatives.....	14	3 012	11	93	223	346	419	851	612	289	130	38	39.9
Other specified operatives.....	16	1 919	22	61	263	310	211	410	361	141	90	50	37.3
Miscellaneous and not specified operatives.....	—	1 134	14	57	164	147	158	332	184	42	32	4	35.8
Manufacturing.....	—	1 037	14	40	157	147	146	292	169	42	26	4	35.5
Durable goods.....	—	375	—	—	50	62	59	106	60	27	11	—	36.6
Machinery, including electrical.....	—	99	—	—	22	16	14	30	5	12	—	—	—
Other durable goods.....	—	276	—	—	28	46	45	76	55	15	11	—	37.5
Nondurable goods, including not specified manufacturing.....	—	662	14	40	107	85	87	186	109	15	15	4	34.9
Food and kindred products.....	—	205	5	35	50	18	39	39	14	5	—	—	28.5
Apparel and other fabricated textile products.....	—	106	6	—	16	11	—	32	32	5	—	4	41.3
Nonmanufacturing industries.....	—	97	—	17	7	—	12	40	15	—	6	—	—
Transport equipment operatives.....	—	145	—	5	19	6	38	30	32	6	—	9	36.5
<b>Laborers, except farm</b> .....	<b>—</b>	<b>598</b>	<b>14</b>	<b>38</b>	<b>66</b>	<b>66</b>	<b>88</b>	<b>110</b>	<b>165</b>	<b>29</b>	<b>14</b>	<b>8</b>	<b>37.5</b>
Farmers and farm managers.....	—	56	—	—	—	—	13	4	18	6	15	—	—
Farm laborers and farm foremen.....	—	116	11	—	11	9	21	25	34	—	5	—	37.4
Paid farm laborers and farm foremen.....	—	98	7	—	11	9	21	20	25	—	5	—	—
Unpaid family workers.....	—	18	4	—	—	—	—	5	9	—	—	—	—
<b>Service workers, except private household<sup>1</sup></b> .....	<b>115</b>	<b>7 283</b>	<b>126</b>	<b>303</b>	<b>985</b>	<b>730</b>	<b>561</b>	<b>1 493</b>	<b>1 616</b>	<b>682</b>	<b>455</b>	<b>332</b>	<b>41.3</b>
Cleaning service workers.....	5	926	12	50	126	62	64	165	204	76	128	39	44.0
Chambermaids and maids.....	—	310	7	6	29	42	11	48	58	36	63	10	47.1
Food service workers.....	40	2 567	68	113	355	222	205	572	562	252	117	101	40.6
Cooks, except private household.....	—	1 016	6	18	64	56	76	243	296	134	64	59	46.5
Waiters and food counter workers.....	40	1 160	55	91	239	138	106	228	164	75	39	25	32.7
Health service workers.....	3	1 400	10	28	161	170	117	294	351	165	55	49	42.3
Nursing aides, orderlies, and attendants.....	3	862	10	18	103	96	98	174	206	79	40	38	

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**

**CHATTANOOGA, TENN.—GA., SMSA—Continued**

**Negro**

**Male employed**

	Persons 14 and 15 years old	Persons 16 years old and over											Median age
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	
Professional, technical, and kindred workers	41	8 375	131	285	946	849	885	1 777	1 809	822	495	376	41.1
Engineers		373	11		47	39	81	120	39	12	14	10	35.7
Lawyers and judges		15			6	4		5					...
Life and physical scientists							18						...
Physicians, dentists, and related practitioners		18								6			...
Health workers, except practitioners		6											...
Social and recreation workers		24						13	11				...
Teachers		30			4	4	13	9					...
Technicians, except health		107	11		9	10	15	34	17		5	6	37.5
Writers, artists, and entertainers		27			9			12		6			...
Other professional, technical, and kindred workers		19			4	10		5					...
Managers and administrators, except farm		127			15	11	35	42	11		9	4	35.6
Salaried		248			7	24	28	52	48	36	37	16	47.7
Manufacturing		169			7	19	19	41	30	9	33	11	44.6
Retail trade		26						9	17				...
All other industries		30						3			20		...
Self-employed		113			5	19	5	21	30	9	13	11	47.2
Retail trade		79						11	18	27	4	5	...
All other industries		26						6	4	6			...
Sales workers		53						9	14	21	4		...
Manufacturing and wholesale trade		104	9	18		9	9	30	14	7	4	4	37.3
Retail trade		19		9		5		5					...
All other industries		63	9			4	5	16	14	7	4	4	...
Clerical and kindred workers		22					4	9					...
Bookkeepers and billing clerks		375	5	9	55	3	54	74	93	51	9	22	43.3
Mail handlers and postal clerks		16						4	12				...
Other clerical and kindred workers		50					4	5	23	14	4		...
Craftsmen and kindred workers		309	5	9	55	3	50	65	58	37	5	22	40.0
Carpenters		1 149	3	24	112	98	129	271	313	87	58	54	42.7
Construction craftsmen, except carpenters		38			3	6	4	7	6	7		5	...
Automobile mechanics, including body repairmen		216			12	4	35	81	64		13	7	42.0
Mechanics and repairmen, except auto		84			22		4	12	18	20	4	4	...
Machinists		59			11	3	11	19	12	3			...
Metal craftsmen, except mechanics and machinists		74			10	16		21	20			7	...
Foremen, n.e.c.		154		6		4	7	39	55	27	16		48.8
Other craftsmen and kindred workers		85			14	11	12	22	21		5		...
Operatives, except transport		439	3	18	40	54	56	70	117	30	20	31	41.9
Assemblers	4	2 211	25	106	404	268	221	473	463	151	58	42	36.7
Garage workers and gas station attendants		80			19	12	16	12	17		4		...
Laundry and drycleaning operatives, including ironers	4	72		6	11	8		12	25		5	5	...
Precision machine operatives		37			8	5		13	11				...
Other operatives, except transport		162			27	39	16	35	33	9	3		34.7
Durable goods, manufacturing		1 860	25	100	339	204	189	401	377	142	46	37	36.8
Nondurable goods, including not specified manufacturing		892	12	44	124	107	76	217	217	60	23	12	38.8
Nonmanufacturing industries		770	13	34	190	97	109	146	119	40	11	11	32.3
Transport equipment operatives		198			22	25		38	41	42	12	14	47.4
Truck drivers	11	834	4	39	43	116	82	211	178	81	45	35	41.3
Other transport equipment operatives		359		10	10	31	45	108	93	28	22	12	42.7
Laborers, except farm	11	475	4	29	33	85	37	103	85	53	23	23	39.8
Construction laborers	9	1 480	14	68	148	185	152	270	336	134	116	57	41.4
Freight, stock, and material handlers		197		6	4	14	14	49	50	46	14		47.3
Other laborers, except farm	9	257	4	22	48	40	10	57	56	10	6	4	35.8
Manufacturing industries		1 026	10	40	96	131	128	164	230	78	96	53	41.6
Farmers and farm managers		521		14	75	82	77	80	118	23	45	7	36.6
Farm laborers and farm foremen		73											...
Service workers, except private household <sup>1</sup>	17	1 420	60	16	114	102	117	238	299	226	138	110	47.1
Cleaning service workers		772	17	6	39	59	47	124	199	132	80	69	49.7
Food service workers	17	217	19	5	44	13	15	38	15	27	23	18	38.3
Health service workers		42			12	6	10		14				...
Personal service workers		83	14		8	4		4	24	26		3	...
Protective service workers		101	10		11	13	23	31		10	3		33.6
Private household workers		108		5	16	5		18	14	20	16	14	52.1
<b>Female employed</b>	40	8 172	55	215	1 038	865	869	1 995	1 576	607	553	489	40.5
Professional, technical, and kindred workers	12	871		6	100	133	95	232	180	50	37	38	39.4
Registered nurses	5	81			10	14		15	29	10		3	...
Health workers, except nurses		32			4	10			18				...
Teachers, elementary and secondary schools		398			45	54	66	118	70	16	17	12	37.9
Technicians, except health		15			5		4	6					...
Other professional, technical, and kindred workers	7	345		6	36	55	25	93	63	24	20	23	40.4
Managers and administrators, except farm		81			8			28	24		5	12	...
Salaried		57			8		4	16	18		5	6	...
Self-employed		24						12	6			6	...
Sales workers		160		41	23	13	23	49	4		7		30.7
Retail trade		123		41	17	10	23	25			7		26.8
Clerical and kindred workers	3	773	14	49	219	97	107	161	58	35	7	26	30.4
Bookkeepers and cashiers	3	110		10	15	14	17	31	13	6		4	34.7
Office machine operators		25			20			5					...
Secretaries, stenographers, and typists		148		9	57	37	6	26	6			7	26.1
Other clerical and kindred workers		490	14	30	127	46	84	99	39	29	7	15	31.7
Craftsmen and kindred workers		105			15	5	11	43	14	4	13		40.0
Operatives, except transport	12	1 533	17	37	223	238	236	354	269	92	39	28	35.4
Sewers and stitchers		75			27	16	15	12	5				...
Laundry and drycleaning operatives, including ironers	6	273			19	10	6	70	101	44	17	6	48.1
Other operatives, except transport	6	1 185	17	37	177	212	215	272	163	48	22	22	33.5
Durable goods, manufacturing		284			12	67	45	50	79	13	7	11	38.6
Nondurable goods, including not specified manufacturing	6	736	12	37	110	122	158	191	67	23	11	5	32.8
Nonmanufacturing industries		165	5		55	23	12	31	17	12	4	6	29.9
Transport equipment operatives		19			8			11					...
Laborers, except farm		129	5	9	23	12	13	41	21		5		35.6
Farmers and farm managers		14					9						...
Farm laborers and farm foremen		13			7		6						...
Service workers, except private household <sup>1</sup>	7	2 571	7	54	314	289	275	628	523	189	197	95	40.5
Cleaning service workers		646	7	6	90	52	53	135	169	42	75	17	43.5
Food service workers		810		13	111	76	72	206	168	77	43	44	41.5
Health service workers	3	509			43	88	101	165	67	22	10	13	36.4
Practical nurses		99			25	6	40	14	7			7	...
Personal service workers		206		14	20	5	33	44	44	24	16	6	42.0
Protective service workers		13			7								...
Private household workers	6	1 903	12	19	98	78	90	358	483	237	238	290	51.1

<sup>1</sup>Includes allocated cases not shown separately.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969											Median earnings (dollars)	
	Total, 16 years old and over	\$1 to \$1,999 or loss	\$2,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$7,999	\$8,000 to \$9,999	\$10,000 to \$14,999	\$15,000 or more	All earners	Earnings worked 50 to 52 weeks	
<b>THE STATE</b>													
<b>Total</b>													
<b>Experienced civilian labor force</b>	1 051 223	136 610	164 654	97 011	107 449	95 747	92 956	131 597	144 814	80 385	6 208	7 087	
<b>Professional, technical, and kindred workers</b>	113 544	6 667	7 469	4 454	6 377	7 966	9 606	17 086	29 892	24 027	9 666	10 713	
Accountants	9 081	471	393	246	450	569	773	1 688	2 816	1 675	9 941	10 855	
Architects	1 037	61	26	31	19	8	51	74	375	392	13 313	13 994	
Computer specialists	2 713	110	124	64	131	139	276	464	1 060	345	10 229	10 911	
Engineers	18 032	439	404	349	446	501	965	2 363	7 410	5 155	12 395	12 793	
Aeronautical and astronautical	2 375	31	14	29	18	19	77	171	908	1 108	14 562	14 802	
Civil	3 727	78	89	124	146	153	233	609	1 401	894	11 540	12 005	
Electrical and electronic	3 365	75	69	50	56	103	202	443	1 468	899	12 331	12 676	
Mechanical	1 628	42	39	21	28	32	94	202	676	494	12 633	12 981	
Other engineers	6 937	213	193	125	198	359	938	2 957	1 760	12 111	12 551		
Lawyers and judges	4 111	130	166	51	107	95	177	244	860	2 281	15000+	15000+	
Life and physical scientists	2 120	93	99	79	51	113	154	339	771	421	10 856	11 527	
Chemists	1 074	30	68	48	35	77	83	184	341	208	10 176	11 110	
Physicians, dentists, and related practitioners	8 704	266	417	166	257	248	183	476	1 709	4 982	15000+	15000+	
Dentists	1 362	16	44	27	24	10	29	59	193	960	15000+	15000+	
Pharmacists	2 039	145	133	58	58	87	13	212	839	494	11 868	12 506	
Physicians, medical and osteopathic	4 270	72	181	49	138	125	113	155	372	3 065	15000+	15000+	
Other related practitioners	1 033	33	59	32	37	26	28	50	305	463	14 123	14 574	
Health technologists and technicians	1 495	213	161	144	138	149	142	278	202	68	6 614	7 692	
Religious workers	5 851	415	762	537	838	805	733	839	699	223	6 464	6 639	
Social scientists	1 265	69	78	25	53	37	79	139	374	411	12 039	13 423	
Social and recreation workers	1 748	243	184	107	141	210	207	256	303	97	6 948	7 776	
Teachers	17 548	1 153	1 383	610	1 102	1 898	2 160	3 565	3 516	2 161	8 263	9 249	
College and university	5 971	402	476	182	182	217	185	822	1 626	1 879	11 597	13 400	
Elementary and prekindergarten	3 186	250	298	126	297	523	562	712	369	49	7 176	7 629	
Secondary	6 714	341	501	220	504	1 060	1 250	1 609	1 109	120	7 585	8 197	
Engineering and science technicians	11 299	797	1 082	772	1 052	1 309	1 373	2 082	2 359	473	7 464	8 085	
Draftsmen and surveyors	4 938	421	556	358	557	631	596	815	768	236	6 914	7 706	
Electrical and electronic engineering technicians	2 093	86	74	45	107	161	205	406	855	84	9 643	9 899	
Technicians, except health, and engineering and science	5 043	168	204	136	232	264	244	574	1 243	1 982	12 830	13 387	
Airplane pilots	2 258	54	55	15	17	47	52	196	348	1 474	15000+	15000+	
Writers, artists, and entertainers	7 601	884	683	360	486	562	693	1 160	1 733	1 040	8 228	9 347	
Other professional, technical, and kindred workers	15 896	1 155	1 303	777	874	1 059	1 400	2 545	4 462	2 321	9 084	9 938	
<b>Managers and administrators, except farm</b>	123 432	5 360	6 427	4 475	7 610	9 138	9 880	18 155	32 510	29 877	10 103	10 621	
Buyers, purchasing agents, and sales managers	14 611	302	385	352	642	1 034	972	2 029	4 365	4 530	11 821	12 141	
School administrators	2 950	71	62	27	38	79	146	470	1 368	689	12 127	12 635	
Specified managers and administrators, public administration	7 749	243	212	254	425	783	752	1 579	2 250	1 251	9 527	9 727	
Other specified managers and administrators	20 463	990	1 314	913	1 509	1 689	1 751	3 221	5 289	3 787	9 283	9 802	
Managers and administrators, n.e.c., salaried	57 810	1 916	2 269	1 667	3 184	3 864	4 721	8 689	15 861	15 639	10 818	11 238	
Manufacturing	12 712	261	300	142	403	508	757	1 701	3 886	4 754	12 939	13 134	
Wholesale and retail trade	22 177	874	1 211	959	1 703	1 967	2 410	3 626	4 946	4 481	9 084	9 430	
Transportation, communications, and other public utilities	5 021	102	91	51	135	261	341	920	1 887	1 233	11 615	11 769	
All other industries	17 900	679	667	515	943	1 128	1 213	2 442	5 142	5 171	11 325	11 789	
Managers and administrators, n.e.c., self-employed	19 849	1 838	2 185	1 262	1 812	1 689	1 538	2 167	3 377	3 263	7 740	8 224	
Construction	3 938	244	381	259	289	348	268	433	822	894	8 831	10 460	
Manufacturing	1 482	147	218	63	113	82	89	125	255	390	8 464	9 810	
Wholesale and retail trade	10 963	1 166	1 285	702	1 206	1 016	891	1 187	1 799	1 799	7 120	7 360	
All other industries	3 466	281	301	238	204	243	290	422	589	898	8 834	9 254	
Sales workers	77 824	8 498	6 508	4 252	6 209	6 272	6 746	11 059	16 214	12 066	8 077	8 993	
Insurance agents, brokers, and underwriters	11 106	328	472	322	776	940	1 156	2 189	2 984	1 939	9 424	9 754	
Real estate agents and brokers	3 773	333	236	127	225	168	187	397	798	1 302	11 358	12 664	
Sales representatives, manufacturing industries	9 531	313	284	342	423	534	788	1 587	2 934	2 326	10 843	11 320	
Sales representatives, wholesale trade	14 858	624	668	611	1 060	1 154	1 621	2 660	3 651	2 809	9 271	9 607	
Sales clerks, retail trade	18 488	4 663	2 992	1 561	1 909	1 648	1 256	1 608	1 797	1 054	5 015	6 271	
Salesmen, retail trade	9 495	806	817	707	1 092	1 018	852	1 272	1 993	938	7 361	8 051	
Salesmen of services and construction	3 525	286	329	152	212	350	298	596	801	501	8 455	9 189	
Other sales workers	7 048	1 145	710	430	512	460	588	750	1 256	1 197	7 454	8 634	
<b>Clerical and kindred workers</b>	77 370	9 531	9 317	6 161	8 155	8 374	9 689	13 930	9 843	2 370	6 659	7 396	
Bank tellers and cashiers	2 729	1 023	675	181	288	205	88	117	103	49	3 012	4 644	
Bookkeepers and billing clerks	5 508	467	591	500	645	713	666	919	756	251	6 773	7 273	
Mail handlers and postal clerks	9 795	570	569	471	550	1 156	1 915	3 266	1 142	156	7 826	8 035	
Other clerical and kindred workers	59 338	7 471	7 482	5 009	6 672	6 300	7 020	9 628	7 842	1 914	6 482	7 308	
<b>Craftsmen and kindred workers</b>	231 294	18 108	29 834	22 370	26 981	25 881	26 886	37 757	36 360	7 117	6 709	7 300	
Apparel craftsmen and upholsterers	2 240	265	488	364	454	195	165	182	103	24	5 007	5 347	
Bakers	1 122	87	167	144	226	140	176	141	29	12	5 721	5 891	
Cabinetmakers	1 892	180	359	289	326	288	141	163	91	55	5 362	5 833	
Construction craftsmen	70 778	7 897	13 777	8 520	8 861	7 529	6 624	8 242	7 802	1 526	5 586	6 417	
Carpenters	22 890	3 269	4 943	3 114	2 937	2 379	2 155	2 309	1 563	221	5 041	5 924	
Excavating, grading, and road machine operators	8 511	709	2 264	1 284	1 197	935	645	819	528	130	4 999	5 430	
Electricians	10 183	396	796	676	1 054	1 168	1 312	1 958	2 337	486	7 763	8 045	
Masons and tile setters	7 363	956	1 671	902	982	793	580	798	587	94	5 155	5 953	
Painters, construction and maintenance, and paperhangers	8 902	1 351	2 030	1 074	1 144	1 029	717	834	599	124	4 996	5 963	
Plasterers and cement finishers	2 017	248	511	274	289	245	156	183	91	20	4 911	5 726	
Plumbers and pipe fitters	7 298	499	891	775	846	654	722	950	1 588	373	6 976	7 471	
Other construction craftsmen	3 614	469	671	421	412	326	337	391	509	78	5 597	6 553	
Foremen, n.e.c.	33 797	756	1 169	1 547	2 598	3 367	4 564	8 165	9 159	2 472	8 710	8 857	
Manufacturing	19 022	340	525	768	1 397	1 976	2 723	4 854	9 471	1 468	8 734	8 871	
Nonmanufacturing industries	14 775	416	644	779	1 201	1 391	1 841	3 311	4 188	1 004	8 674	8 836	
Linemen and servicemen, telephone and power	9 129	418	765	597	883	960	1 119	2 065	2 121	201	7 841	8 267	
Locomotive engineers and firemen	1 204	51	12	36	33	43	24	137	596	272	12 232	12 514	
Mechanics and repairmen	63 856	4 387	7 071	6 302	8 134	8 334	8 746	10 560	9 140	1 182	6 724	7 096	
Air conditioning, heating, and refrigeration	3 382	255	411	287	312	407	537	632	465	76</			

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

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

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

THE STATE—Continued

Total—Continued

Experienced civilian labor force—Continued

	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	\$1 to \$1,999 or less	\$2,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$7,999	\$8,000 to \$9,999	\$10,000 to \$14,999	\$15,000 or more	All earners	Earners worked 50 to 52 weeks
<b>Operatives, except transport</b> .....	<b>152 936</b>	<b>18 096</b>	<b>31 754</b>	<b>22 323</b>	<b>23 301</b>	<b>17 958</b>	<b>14 553</b>	<b>15 934</b>	<b>7 926</b>	<b>1 091</b>	<b>5 184</b>	<b>5 680</b>
Assemblers.....	12 040	725	1 539	1 048	1 458	1 658	2 122	2 499	941	50	6 754	7 180
Checkers, examiners, and inspectors, manufacturing.....	6 230	278	573	790	946	810	867	1 119	745	102	6 652	6 987
Garage workers and gas station attendants.....	9 971	3 633	2 846	1 075	1 039	569	337	248	153	71	2 950	4 075
Laundry and drycleaning operatives, n.e.c.....	1 197	180	405	209	150	89	60	32	50	22	4 065	4 299
Meat cutters and butchers.....	4 517	531	925	448	670	711	636	396	168	32	5 529	5 985
Mine operatives, n.e.c.....	1 812	134	286	260	456	346	140	144	46	—	5 496	5 669
Packers and wrappers, except produce.....	5 514	1 122	1 497	853	739	537	420	245	74	27	4 162	4 962
Painters, manufactured articles.....	2 064	197	375	257	278	260	230	312	134	21	5 730	6 232
Precision machine operatives.....	2 261	197	321	338	276	261	313	359	169	27	5 995	6 737
Sawyers.....	3 454	591	1 501	559	273	182	119	162	28	39	3 514	3 905
<b>Stationary firemen</b> .....	<b>1 612</b>	<b>74</b>	<b>223</b>	<b>196</b>	<b>188</b>	<b>166</b>	<b>193</b>	<b>346</b>	<b>226</b>	<b>—</b>	<b>6 753</b>	<b>7 189</b>
Textile operatives.....	23 355	1 958	4 992	5 205	5 408	3 020	1 488	936	314	34	4 908	5 259
Welders and flamecutters.....	10 013	555	1 282	1 079	1 481	1 511	1 374	1 580	1 002	149	6 403	6 683
Other metalworking operatives.....	3 684	319	786	606	700	444	345	318	143	23	5 187	5 489
Other specified operatives.....	26 674	3 695	6 296	4 090	3 858	3 021	1 870	2 339	1 300	205	4 818	5 414
Miscellaneous and not specified operatives.....	38 538	3 907	7 907	5 310	5 381	4 373	4 039	4 899	2 433	289	5 399	5 926
<b>Occupation:</b>												
Machine operatives, miscellaneous specified.....	14 191	1 197	2 774	1 953	1 971	1 677	1 756	1 798	958	107	5 594	6 074
Machine operatives, not specified.....	8 975	686	1 819	1 274	1 469	1 172	851	1 197	488	19	5 482	5 827
Miscellaneous operatives.....	11 049	1 520	2 420	1 525	1 452	1 080	1 011	1 378	569	94	5 041	5 739
Not specified operatives.....	4 323	504	894	558	489	444	421	526	418	69	5 420	6 223
<b>Industry:</b>												
<b>Manufacturing</b> .....	<b>29 755</b>	<b>2 547</b>	<b>6 080</b>	<b>4 077</b>	<b>4 252</b>	<b>3 453</b>	<b>3 122</b>	<b>3 967</b>	<b>2 098</b>	<b>159</b>	<b>5 511</b>	<b>5 980</b>
<b>Durable goods</b> .....	<b>14 396</b>	<b>1 251</b>	<b>3 222</b>	<b>2 118</b>	<b>2 207</b>	<b>1 469</b>	<b>1 259</b>	<b>1 731</b>	<b>1 044</b>	<b>95</b>	<b>5 275</b>	<b>5 724</b>
Wood products, including furniture.....	2 960	509	1 139	570	318	180	106	84	49	5	3 705	4 307
Primary metal industries.....	1 327	114	296	183	262	192	124	110	46	—	5 269	5 705
Fabricated metal industries.....	1 660	112	402	270	289	151	183	144	98	11	5 159	5 523
Machinery, including electrical.....	2 012	141	361	282	357	317	190	232	126	6	5 622	5 902
Motor vehicles and equipment.....	1 195	67	63	132	189	139	171	322	107	5	7 044	7 132
Transportation equipment, except motor vehicles.....	2 349	108	273	182	205	230	223	594	443	46	7 590	8 093
Other durable goods.....	2 893	200	688	499	542	260	262	245	175	22	5 110	5 408
<b>Nondurable goods</b> .....	<b>15 135</b>	<b>1 256</b>	<b>2 766</b>	<b>1 935</b>	<b>2 021</b>	<b>1 961</b>	<b>1 856</b>	<b>2 231</b>	<b>1 045</b>	<b>64</b>	<b>5 797</b>	<b>6 291</b>
Food and kindred products.....	3 922	495	1 145	618	519	469	339	247	78	12	4 519	4 951
Apparel and other fabricated textile products.....	1 207	149	406	214	221	93	77	26	21	—	4 227	4 818
Paper and allied products.....	5 173	275	400	408	565	752	843	1 209	688	33	7 221	7 535
Chemicals and allied products.....	1 975	83	261	169	266	288	277	491	133	7	6 274	7 044
Other nondurable goods.....	2 858	254	92	526	450	359	320	258	125	12	5 211	5 756
Not specified manufacturing industries.....	224	40	—	24	—	23	7	—	—	—	3 565	4 238
<b>Nonmanufacturing industries</b> .....	<b>8 783</b>	<b>1 360</b>	<b>1 827</b>	<b>1 233</b>	<b>1 129</b>	<b>920</b>	<b>917</b>	<b>932</b>	<b>335</b>	<b>130</b>	<b>4 977</b>	<b>5 705</b>
Transportation, communications, and other public utilities.....	1 788	149	218	164	211	181	261	449	133	22	6 840	7 422
Wholesale and retail trade.....	2 683	572	663	449	314	216	228	139	56	46	4 237	4 887
All other industries.....	4 312	639	946	620	604	523	428	344	146	62	4 921	5 590
<b>Transport equipment operatives</b> .....	<b>69 779</b>	<b>7 578</b>	<b>15 813</b>	<b>9 527</b>	<b>9 033</b>	<b>7 040</b>	<b>6 237</b>	<b>8 052</b>	<b>5 453</b>	<b>1 046</b>	<b>5 218</b>	<b>5 724</b>
Bus drivers.....	4 133	850	1 189	293	398	369	247	371	373	43	4 094	5 612
Taxicab drivers and chauffeurs.....	2 780	657	976	321	345	249	109	78	45	—	3 502	4 031
Truck drivers and deliverymen.....	49 542	4 748	11 156	6 918	6 280	5 049	4 475	5 927	4 046	943	5 310	5 785
Other transport equipment operatives.....	13 324	1 323	2 492	1 995	2 010	1 373	1 406	1 676	989	60	5 424	5 792
<b>Laborers, except farm</b> .....	<b>82 620</b>	<b>24 016</b>	<b>25 907</b>	<b>10 882</b>	<b>8 290</b>	<b>5 293</b>	<b>3 520</b>	<b>2 949</b>	<b>1 287</b>	<b>476</b>	<b>3 335</b>	<b>4 272</b>
Construction laborers.....	16 864	4 226	5 661	2 474	1 921	1 019	601	514	343	105	3 486	4 301
Freight, stock, and material handlers.....	29 670	8 559	8 394	3 894	3 087	2 118	1 630	1 445	460	83	3 495	4 563
Other specified laborers.....	23 134	7 794	7 709	2 632	1 875	1 207	683	619	374	241	2 979	3 823
Miscellaneous and not specified laborers.....	12 952	3 437	4 143	1 882	1 407	949	606	371	110	47	3 467	4 272
<b>Occupation:</b>												
Miscellaneous laborers.....	4 424	1 091	1 408	611	497	341	227	172	40	37	3 592	4 273
Not specified laborers.....	8 528	2 346	2 735	1 271	910	608	379	199	70	10	3 403	4 271
<b>Industry:</b>												
<b>Manufacturing</b> .....	<b>5 924</b>	<b>1 110</b>	<b>1 975</b>	<b>1 050</b>	<b>728</b>	<b>515</b>	<b>271</b>	<b>202</b>	<b>53</b>	<b>20</b>	<b>3 875</b>	<b>4 511</b>
<b>Durable goods</b> .....	<b>2 641</b>	<b>481</b>	<b>958</b>	<b>471</b>	<b>316</b>	<b>181</b>	<b>112</b>	<b>76</b>	<b>31</b>	<b>15</b>	<b>3 753</b>	<b>4 311</b>
Wood products, including furniture.....	818	185	420	138	44	9	17	—	—	—	3 067	3 408
Metal industries.....	590	70	186	144	98	43	18	14	17	—	4 271	4 644
Machinery, including electrical.....	239	53	64	40	29	29	14	10	—	—	4 063	4 176
Transportation equipment.....	433	63	123	38	66	57	38	34	14	—	4 803	5 704
Other durable goods.....	561	110	165	111	79	43	25	18	—	10	4 050	4 413
<b>Nondurable goods</b> .....	<b>3 237</b>	<b>616</b>	<b>995</b>	<b>573</b>	<b>412</b>	<b>329</b>	<b>159</b>	<b>126</b>	<b>22</b>	<b>5</b>	<b>4 013</b>	<b>4 687</b>
Food and kindred products.....	952	234	353	141	113	52	30	19	5	5	3 371	4 195
Not specified manufacturing industries.....	46	13	22	6	—	5	—	—	—	—	—	—
<b>Nonmanufacturing industries</b> .....	<b>7 028</b>	<b>2 327</b>	<b>2 168</b>	<b>832</b>	<b>679</b>	<b>434</b>	<b>335</b>	<b>169</b>	<b>57</b>	<b>27</b>	<b>3 095</b>	<b>3 984</b>
Railroads and railway express service.....	850	66	138	109	226	135	108	50	18	—	5 496	5 673
Transportation, except railroads.....	367	70	115	43	32	49	30	28	—	—	3 974	4 967
Communications, and utilities and sanitary services.....	1 029	190	428	168	89	71	51	26	6	—	3 516	3 798
Wholesale and retail trade.....	1 838	662	604	210	138	88	73	41	17	5	2 851	3 754
All other industries.....	2 944	1 339	883	302	194	91	73	24	16	22	2 301	3 342
<b>Farmers and farm managers</b> .....	<b>26 599</b>	<b>8 304</b>	<b>5 762</b>	<b>2 204</b>	<b>2 556</b>	<b>1 383</b>	<b>1 070</b>	<b>1 654</b>	<b>2 250</b>	<b>1 416</b>	<b>3 734</b>	<b>4 106</b>
<b>Farm laborers and farm foremen</b> .....	<b>25 640</b>	<b>12 686</b>	<b>8 672</b>	<b>1 541</b>	<b>1 001</b>	<b>511</b>	<b>344</b>	<b>366</b>	<b>354</b>	<b>165</b>	<b>2 031</b>	<b>2 689</b>
Paid farm laborers and farm foremen.....	25 117	12 339	8 574	1 537	957	511	339	355	349	156	2 051	2 713
Unpaid family workers.....	523	347	98	4	44	—	5	11	5	9	1 507	1 596
<b>Service workers, except private household<sup>1</sup></b> .....	<b>68 754</b>	<b>16 799</b>	<b>16 869</b>	<b>8 756</b>	<b>7 893</b>	<b>5 924</b>	<b>4 412</b>	<b>4 642</b>	<b>2 725</b>	<b>734</b>	<b>4 081</b>	<b>5 001</b>
Cleaning service workers.....	24 162	6 361	7 812	3 628	2 375	1 512	1 006	929	426	113	3 464	4 162
Food service workers.....	11 181	4 897	2 827	949	817	599	421	394	187	90	2 491	4 038
Cooks, except private household.....	4 754	1 312	1 394	537	485	373	275	176	128	74	3 528	4 609
Busboys and dishwashers.....	1 773	1 321	353	53	16	10	10	10	—	—	1 342	2 338
Health service workers.....	3 553	811	1 126	591	347	356	176	86	54	6	3 715	

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

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

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

THE STATE—Continued

Negro

	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	\$1 to \$1,999 or less	\$2,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$7,999	\$8,000 to \$9,999	\$10,000 to \$14,999	\$15,000 or more	All earners	Earners worked 50 to 52 weeks
<b>Experienced civilian labor force</b> .....	<b>212 398</b>	<b>46 622</b>	<b>68 247</b>	<b>31 489</b>	<b>23 867</b>	<b>16 097</b>	<b>10 685</b>	<b>9 776</b>	<b>4 420</b>	<b>1 195</b>	<b>3 746</b>	<b>4 309</b>
<b>Professional, technical, and kindred workers</b> .....	<b>7 363</b>	<b>752</b>	<b>916</b>	<b>574</b>	<b>682</b>	<b>920</b>	<b>1 083</b>	<b>1 336</b>	<b>784</b>	<b>316</b>	<b>6 823</b>	<b>7 239</b>
Accountants.....	148	20	26	—	11	6	23	32	30	—	7 478	...
Architects.....	26	—	4	16	—	—	—	—	6	—	...	...
Computer specialists.....	49	—	—	—	—	11	4	16	12	6	...	...
Engineers.....	258	17	13	31	38	15	58	35	46	5	7 259	7 179
Aeronautical and astronautical.....	43	—	—	12	—	—	9	4	18	—	...	...
Civil.....	71	12	—	9	24	5	10	6	—	5	...	...
Electrical and electronic.....	46	—	—	10	5	10	16	5	—	—	...	...
Mechanical.....	38	—	—	—	—	—	17	11	10	—	...	...
Other engineers.....	60	5	13	—	9	—	6	9	18	—	...	...
Lawyers and judges.....	54	6	7	—	—	—	10	—	11	20	...	...
Life and physical scientists.....	56	7	—	15	—	5	9	12	8	—	...	...
Chemists.....	41	—	—	15	—	5	5	8	8	—	...	...
Physicians, dentists, and related practitioners.....	211	17	30	7	9	6	5	12	20	105	14 875	13 875
Dentists.....	35	—	5	—	5	—	—	—	6	19	...	...
Pharmacists.....	47	—	4	—	4	6	—	7	4	22	...	...
Physicians, medical and osteopathic.....	119	13	15	7	—	—	5	5	10	64	15000+	14 500
Other related practitioners.....	10	4	6	—	—	—	—	—	—	—	...	...
Health technologists and technicians.....	196	30	8	40	33	25	14	32	14	—	5 606	5 977
Religious workers.....	602	121	213	79	38	16	19	55	45	16	3 690	3 935
Social scientists.....	27	—	—	—	6	—	6	5	—	10	...	...
Social and recreation workers.....	310	44	44	36	41	34	45	45	17	4	5 756	6 638
Teachers.....	3 217	176	144	123	374	547	597	762	387	107	7 410	7 725
College and university.....	391	58	31	14	19	18	14	61	89	87	9 361	12 664
Elementary and prekindergarten.....	1 082	37	72	30	137	180	254	287	77	8	7 335	7 416
Secondary.....	1 588	71	30	58	209	329	310	358	216	7	7 313	7 597
Engineering and science technicians.....	419	22	74	61	19	89	63	71	20	—	6 376	6 649
Draftsmen and surveyors.....	141	7	33	22	16	12	19	27	5	—	5 531	5 781
Electrical and electronic engineering technicians.....	49	—	—	—	3	20	9	11	6	—	...	...
Technicians, except health, and engineering and science.....	91	16	16	—	16	14	—	24	5	—	...	...
Airplane pilots.....	—	—	—	—	—	—	—	—	—	—	...	...
Writers, artists, and entertainers.....	424	87	94	46	36	31	42	50	33	5	4 674	5 900
Other professional, technical, and kindred workers.....	1 275	189	243	120	61	121	188	185	130	38	6 202	7 230
<b>Managers and administrators, except farm</b> .....	<b>5 001</b>	<b>602</b>	<b>837</b>	<b>447</b>	<b>538</b>	<b>475</b>	<b>389</b>	<b>711</b>	<b>702</b>	<b>300</b>	<b>6 161</b>	<b>6 603</b>
Buyers, purchasing agents, and sales managers.....	172	5	19	8	23	35	16	31	30	5	6 886	6 850
School administrators.....	613	16	10	15	12	24	52	173	229	82	10 898	10 748
Specified managers and administrators, public administration.....	350	11	9	48	40	78	25	75	43	21	6 859	7 020
Other specified managers and administrators.....	1 458	228	295	141	202	125	122	176	111	58	5 322	5 829
Managers and administrators, n.e.c., salaried.....	1 524	185	229	147	167	170	131	165	219	111	6 200	6 748
Manufacturing.....	204	16	30	19	13	23	15	19	48	21	7 067	8 737
Wholesale and retail trade.....	629	90	83	55	101	97	67	67	53	16	5 856	6 059
Transportation, communications, and other public utilities.....	55	4	11	—	5	9	—	10	12	4	...	...
All other industries.....	636	75	105	73	48	41	49	69	106	70	6 415	7 250
Managers and administrators, n.e.c., self-employed.....	884	157	275	88	94	43	43	91	70	23	4 114	4 685
Construction.....	232	36	74	15	36	3	15	28	25	—	4 400	5 229
Manufacturing.....	106	19	64	—	5	5	—	6	7	—	3 063	...
Wholesale and retail trade.....	366	66	91	35	35	30	23	48	29	9	4 743	5 529
All other industries.....	180	36	46	38	18	5	5	9	9	14	4 211	4 238
<b>Sales workers</b> .....	<b>2 601</b>	<b>569</b>	<b>540</b>	<b>421</b>	<b>271</b>	<b>217</b>	<b>111</b>	<b>228</b>	<b>184</b>	<b>60</b>	<b>4 455</b>	<b>5 241</b>
Insurance agents, brokers, and underwriters.....	301	10	50	44	24	66	28	36	38	5	6 341	6 735
Real estate agents and brokers.....	132	12	—	—	5	20	—	45	29	21	9 289	...
Sales representatives, manufacturing industries.....	140	20	12	36	8	4	11	39	10	—	5 250	7 227
Sales representatives, wholesale trade.....	257	30	43	36	31	19	17	29	42	10	5 629	6 421
Sales clerks, retail trade.....	1 018	301	273	187	120	57	29	37	9	5	3 524	4 414
Salesmen, retail trade.....	231	31	37	42	29	25	10	12	26	19	5 190	6 020
Salesmen of services and construction.....	97	16	23	4	11	4	21	5	6	—	...	...
Other sales workers.....	425	149	102	72	43	5	11	24	19	—	3 245	4 094
<b>Clerical and kindred workers</b> .....	<b>12 123</b>	<b>1 746</b>	<b>2 277</b>	<b>1 685</b>	<b>1 684</b>	<b>1 618</b>	<b>1 352</b>	<b>1 269</b>	<b>443</b>	<b>49</b>	<b>5 210</b>	<b>5 855</b>
Bank tellers and cashiers.....	292	89	100	33	33	28	6	—	3	—	3 140	4 076
Bookkeepers and billing clerks.....	247	54	28	21	71	26	26	17	—	4	5 289	5 734
Mail handlers and postal clerks.....	2 744	203	223	234	253	514	528	598	182	9	6 893	7 159
Other clerical and kindred workers.....	8 840	1 400	1 926	1 397	1 327	1 050	792	654	258	36	4 783	5 395
<b>Craftsmen and kindred workers</b> .....	<b>31 371</b>	<b>4 335</b>	<b>9 312</b>	<b>5 308</b>	<b>4 434</b>	<b>3 069</b>	<b>2 071</b>	<b>1 826</b>	<b>836</b>	<b>180</b>	<b>4 384</b>	<b>4 832</b>
Apparel craftsmen and upholsterers.....	423	50	170	63	69	29	13	10	19	—	3 900	4 173
Bakers.....	548	60	128	100	109	48	53	44	—	6	4 860	5 144
Cabinetmakers.....	198	18	85	36	31	16	—	7	5	—	3 906	4 333
Construction craftsmen.....	13 861	2 290	4 418	2 229	1 815	1 301	739	666	317	86	4 100	4 683
Carpenters.....	3 287	715	1 168	562	376	179	126	124	29	8	3 590	4 375
Excavating, grading, and road machine operators.....	1 940	224	746	375	263	121	93	71	32	15	4 000	4 324
Electricians.....	442	34	113	74	88	79	26	23	5	—	5 000	5 122
Masons and tile setters.....	3 175	487	866	453	419	342	209	248	112	39	4 518	5 119
Painters, construction and maintenance, and paperhangers.....	1 702	305	520	235	232	225	89	61	31	4	4 111	5 017
Plasterers and cement finishers.....	1 631	221	438	210	238	203	131	107	68	15	4 745	5 583
Plumbers and pipe fitters.....	904	127	330	189	98	61	39	23	32	5	3 970	4 368
Other construction craftsmen.....	780	177	237	131	101	91	26	9	8	—	3 797	4 247
Foremen, n.e.c.....	1 639	81	178	226	356	178	212	289	88	31	5 940	6 066
Manufacturing.....	761	29	65	107	178	77	127	114	44	20	6 019	6 269
Nonmanufacturing industries.....	878	52	113	119	178	101	85	175	44	11	5 871	5 955
Linemen and servicemen, telephone and power.....	513	72	162	91	38	36	58	25	25	6	4 247	4 862
Locomotive engineers and firemen.....	90	5	3	6	7	7	5	18	26	—	...	...
Mechanics and repairmen.....	6 898	701	1 950	1 307	1 051	726	491	430	208	34	4 611	4 836
Air conditioning, heating, and refrigeration.....	171	18	32	24	31	25	33	8	—	—	5 371	5 636
Aircraft.....	483	10	9	37	70	82	61	107	102	5	7 549	7 509
Automobile, including body.....	3 344	462	1 105	628	466	278	207	137	45	16	4 167	4 361
Radio and television.....	239	30	66	35	26	52	14	11	5	—	4 671	5 114
Other mechanics and repairmen.....	2 661	181	738	583	458	289	176	167	56	13	4 706	4 952
Metal craftsmen, except mechanics.....	1 105	135	288	189	193	138	94	51	17	—	4 685	5 164
Machinists and job and die setters.....	553	61	119	119	92	64	57	29	12	—	4 811	5 107
Sheetmetal workers and tinsmiths.....	167	4	39	27	32	32	—	—	5	—	5 422	5 571
Tool and die makers.....	24	—	10	—	—	6	—	—	—	—	...	...
Other metal craftsmen.....	359	70	120	43	49	36	9	10	—	—	...	...
Printing craftsmen.....	535	32	118	96	79	91	57	47	15	—	3 825	5 021
Compositors and typesetters.....	260	21	65	47	33	38	19	22	15	—	5 236	5 442
Pressmen and plate printers, printing.....	258	11	49	49	52							

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

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

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

THE STATE—Continued

Negro—Continued

Experienced civilian labor force—Continued

	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	\$1 to \$1,999 or loss	\$2,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$7,999	\$8,000 to \$9,999	\$10,000 to \$14,999	\$15,000 or more	All earners	Earners worked 50 to 52 weeks
<b>Operatives, except transport</b> .....	<b>41 749</b>	<b>6 075</b>	<b>13 859</b>	<b>7 582</b>	<b>5 889</b>	<b>3 557</b>	<b>2 242</b>	<b>1 878</b>	<b>598</b>	<b>69</b>	<b>4 124</b>	<b>4 538</b>
Assemblers.....	3 011	238	580	372	457	476	312	411	161	4	5 690	6 070
Checkers, examiners, and inspectors; manufacturing.....	936	60	199	163	168	109	93	91	53	—	5 274	5 489
Garage workers and gas station attendants.....	2 021	596	820	260	176	80	59	24	6	—	3 011	3 478
Laundry and drycleaning operatives, n.e.c.....	570	87	267	122	56	31	3	4	—	—	3 483	3 593
Meat cutters and butchers.....	999	155	392	128	137	93	48	40	—	6	3 758	4 127
Mine operatives, n.e.c.....	765	86	176	154	236	89	24	—	—	—	4 782	5 106
Packers and wrappers, except produce.....	2 314	511	702	368	322	217	109	65	15	5	3 840	4 538
Painters, manufactured articles.....	625	81	196	124	108	37	20	41	12	6	4 286	4 809
Precision machine operatives.....	401	62	130	69	29	46	25	16	24	—	4 123	4 647
Sawyers.....	1 757	359	1 008	226	70	36	38	16	4	—	3 031	3 244
Stationary firemen.....	348	8	136	90	31	46	21	16	—	—	4 333	4 380
Textile operatives.....	4 746	561	1 690	1 262	795	258	131	32	17	—	4 097	4 382
Welders and flamecutters.....	1 576	142	366	300	311	190	93	153	21	—	4 933	4 982
Other metalworking operatives.....	1 085	149	342	199	199	61	71	55	9	—	4 259	4 582
Other specified operatives.....	8 029	1 417	2 819	1 484	954	632	317	295	102	9	3 843	4 292
Miscellaneous and not specified operatives.....	12 566	1 563	4 036	2 261	1 840	1 156	878	619	174	39	4 303	4 715
Occupation:												
Machine operatives, miscellaneous specified.....	4 640	554	1 439	833	669	476	348	230	70	21	4 393	4 802
Machine operatives, not specified.....	3 380	344	979	636	583	318	276	215	29	—	4 577	4 830
Miscellaneous operatives.....	3 261	477	1 148	606	436	263	157	112	44	18	4 009	4 447
Not specified operatives.....	1 285	188	470	186	152	99	97	62	31	—	3 934	4 731
<b>Industry:</b>												
<b>Manufacturing</b> .....	<b>9 663</b>	<b>1 139</b>	<b>3 110</b>	<b>1 715</b>	<b>1 445</b>	<b>837</b>	<b>701</b>	<b>543</b>	<b>161</b>	<b>12</b>	<b>4 340</b>	<b>4 764</b>
Durable goods.....	4 805	562	1 738	901	678	356	248	198	112	12	4 114	4 571
Wood products, including furniture.....	1 572	333	781	250	92	64	13	14	5	—	3 134	3 591
Primary metal industries.....	513	55	147	96	111	63	27	10	4	—	4 568	4 885
Fabricated metal industries.....	490	40	179	111	93	22	36	9	—	—	4 234	4 437
Machinery, including electrical.....	442	23	142	76	98	63	18	10	12	—	4 737	4 849
Motor vehicles and equipment.....	211	17	14	37	30	37	33	29	14	7	6 203	6 554
Transportation equipment, except motor vehicles.....	434	18	76	54	59	25	51	83	61	7	6 400	7 185
Other durable goods.....	1 163	76	399	277	195	82	70	43	16	5	4 384	4 600
Nondurable goods.....	4 777	577	1 320	808	748	477	453	345	49	—	4 608	4 978
Food and kindred products.....	1 849	289	704	316	234	132	105	64	5	—	3 805	4 296
Apparel and other fabricated textile products.....	282	38	134	47	52	6	5	—	—	—	3 937	3 565
Paper and allied products.....	1 323	130	161	164	253	202	233	167	13	—	5 816	6 072
Chemicals and allied products.....	664	48	154	115	88	78	68	98	15	—	5 170	5 514
Other nondurable goods.....	659	72	167	166	121	59	42	16	16	—	4 545	4 906
Not specified manufacturing industries.....	81	—	52	6	19	4	—	—	—	—	—	—
Nonmanufacturing industries.....	2 903	424	926	546	395	319	177	76	13	27	4 186	4 585
Transportation, communications, and other public utilities.....	389	32	72	67	57	95	46	15	5	—	5 412	5 786
Wholesale and retail trade.....	1 282	209	461	253	185	77	55	26	5	11	3 874	4 311
All other industries.....	1 232	183	393	226	153	147	76	35	3	16	4 177	4 526
<b>Transport equipment operatives</b> .....	<b>23 537</b>	<b>2 919</b>	<b>8 354</b>	<b>4 363</b>	<b>3 263</b>	<b>1 895</b>	<b>1 211</b>	<b>1 115</b>	<b>384</b>	<b>33</b>	<b>4 114</b>	<b>4 425</b>
Bus drivers.....	1 302	328	508	127	126	59	48	43	53	10	3 272	3 768
Taxicab drivers and chauffeurs.....	1 157	236	458	123	191	66	34	39	10	—	3 496	3 822
Truck drivers and deliverymen.....	15 580	1 803	5 877	3 038	2 003	1 183	737	710	213	16	4 036	4 323
Other transport equipment operatives.....	5 498	552	1 511	1 075	943	587	392	323	108	7	4 638	4 879
<b>Laborers, except farm</b> .....	<b>42 631</b>	<b>11 354</b>	<b>16 077</b>	<b>6 187</b>	<b>4 207</b>	<b>2 428</b>	<b>1 318</b>	<b>785</b>	<b>202</b>	<b>73</b>	<b>3 239</b>	<b>3 816</b>
Construction laborers.....	8 712	2 140	3 289	1 388	1 004	486	239	121	32	13	3 348	3 898
Freight, stock, and material handlers.....	13 255	2 710	4 912	2 140	1 487	908	554	418	110	16	3 595	4 152
Other specified laborers.....	13 077	4 567	5 152	1 562	837	548	232	105	40	34	2 765	3 345
Miscellaneous and not specified laborers.....	7 587	1 937	2 724	1 097	879	486	293	141	20	10	3 363	3 946
Occupation:												
Miscellaneous laborers.....	2 690	764	983	331	311	146	95	60	—	—	3 182	3 697
Not specified laborers.....	4 897	1 173	1 741	766	568	340	198	81	20	10	3 465	4 081
<b>Industry:</b>												
<b>Manufacturing</b> .....	<b>3 282</b>	<b>583</b>	<b>1 243</b>	<b>606</b>	<b>386</b>	<b>225</b>	<b>139</b>	<b>86</b>	<b>4</b>	<b>10</b>	<b>3 702</b>	<b>4 207</b>
Durable goods.....	1 536	258	651	319	190	38	41	25	4	10	3 567	3 971
Wood products, including furniture.....	595	118	320	101	34	9	13	—	—	—	3 122	3 390
Metal industries.....	313	22	116	80	75	13	3	4	—	—	4 231	4 464
Machinery, including electrical.....	76	14	24	26	12	—	—	—	—	—	—	—
Transportation equipment.....	167	37	66	11	17	5	12	15	4	—	3 409	—
Other durable goods.....	385	67	125	101	52	11	13	6	—	10	4 005	4 267
Nondurable goods.....	1 715	317	580	281	196	182	98	61	—	—	3 864	4 470
Food and kindred products.....	510	137	211	65	50	24	19	4	—	—	3 118	3 762
Not specified manufacturing industries.....	31	8	12	6	—	5	—	—	—	—	—	—
Nonmanufacturing industries.....	4 305	1 354	1 481	491	493	261	154	55	16	—	3 078	3 719
Railroads and railway express service.....	700	55	133	94	203	111	86	18	—	—	5 335	5 514
Transportation, except railroads.....	226	45	75	25	22	29	19	11	—	—	3 813	4 917
Communications, and utilities and sanitary services.....	633	110	322	93	50	34	13	11	—	—	3 283	3 399
Wholesale and retail trade.....	981	332	359	115	81	48	28	11	7	—	2 883	3 479
All other industries.....	1 765	812	592	164	137	39	8	4	9	—	2 238	3 025
<b>Farmers and farm managers</b> .....	<b>2 711</b>	<b>1 474</b>	<b>712</b>	<b>145</b>	<b>182</b>	<b>45</b>	<b>52</b>	<b>35</b>	<b>40</b>	<b>26</b>	<b>1 839</b>	<b>2 018</b>
<b>Farm laborers and farm foremen</b> .....	<b>14 205</b>	<b>8 192</b>	<b>5 236</b>	<b>451</b>	<b>149</b>	<b>77</b>	<b>30</b>	<b>13</b>	<b>53</b>	<b>4</b>	<b>1 734</b>	<b>2 195</b>
Paid farm laborers and farm foremen.....	14 142	8 141	5 224	451	149	77	30	13	53	4	1 737	2 199
Unpaid family workers.....	63	51	12	—	—	—	—	—	—	—	—	—
<b>Service workers, except private household<sup>1</sup></b> .....	<b>27 886</b>	<b>7 783</b>	<b>9 839</b>	<b>4 264</b>	<b>2 539</b>	<b>1 792</b>	<b>817</b>	<b>573</b>	<b>194</b>	<b>85</b>	<b>3 252</b>	<b>3 829</b>
Cleaning service workers.....	14 878	4 003	5 677	2 564	1 269	715	340	233	58	19	3 210	3 727
Food service workers.....	5 308	1 832	1 759	586	436	330	196	106	30	33	2 935	3 772
Cooks, except private household.....	2 242	363	846	343	257	205	129	47	24	28	3 792	4 378
Busboys and dishwashers.....	951	635	245	37	16	10	4	4	—	—	1 498	2 560
Health service workers.....	1 816	391	704	357	143	137	60	17	7	—	3 469	3 964
Personal service workers.....	1 679	447	538	248	157	144	55	43	31	16	3 459	4 024
Protective service workers.....	1 488	237	329	174	245	258	90	78	60	17	5 016	5 392
Firemen, fire protection.....	277	45	34	31	66	55	23	11	12	—	5 432	5 575
Guards and watchmen.....	645	122	198	86	64	98	15	33	29	—	4 029	4 481
Policemen and detectives.....	521	58	81	50	110	100	52	34	19	17	5 650	5 916
<b>Private household workers</b> .....	<b>1 220</b>	<b>821</b>	<b>288</b>	<b>62</b>	<b>29</b>	<b>4</b>	<b>9</b>	<b>7</b>	<b>—</b>	<b>—</b>	<b>1 486</b>	<b>1 791</b>

<sup>1</sup>Includes allocated cases not shown separately.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	\$1 to \$1,999 or less	\$2,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$7,999	\$8,000 to \$9,999	\$10,000 to \$14,999	\$15,000 or more	All earners	Earners worked 50 to 52 weeks
<b>THE STATE—Continued</b>												
<b>Persons of Spanish Language</b>												
<b>Experienced civilian labor force</b>	5 806	695	597	317	437	514	549	782	1 105	810	7 625	8 750
<b>Professional, technical, and kindred workers</b>	1 398	71	64	58	90	70	91	181	451	322	10 820	11 772
Accountants	79	—	7	—	13	7	6	23	17	6	...	...
Architects	40	—	—	—	—	—	—	—	40	—	...	...
Computer specialists	30	—	—	—	8	5	—	7	10	—	...	...
Engineers	272	7	—	8	6	7	—	58	137	49	11 825	11 923
Aeronautical and astronautical	55	—	—	—	—	—	—	7	28	20	...	...
Civil	47	—	—	—	6	—	—	13	28	—	...	...
Electrical and electronic	42	7	—	8	—	—	—	8	14	5	...	...
Mechanical	33	—	—	—	—	—	—	9	12	12	...	...
Other engineers	95	—	—	—	—	7	—	21	55	12	...	...
Lawyers and judges	19	—	—	—	6	—	—	6	—	7	...	...
Life and physical scientists	15	—	—	—	—	—	7	—	8	—	...	...
Chemists	—	—	—	—	—	—	—	—	—	—	...	...
Physicians, dentists, and related practitioners	204	—	7	—	6	—	7	—	61	123	15000+	15000+
Dentists	20	—	—	—	—	—	7	—	7	6	...	...
Pharmacists	—	—	—	—	—	—	—	—	—	—	...	...
Physicians, medical and osteopathic	166	—	7	—	6	—	—	—	41	112	15000+	15000+
Other related practitioners	18	—	—	—	—	—	—	—	13	5	...	...
Health technologists and technicians	19	—	—	—	—	—	13	—	—	6	...	...
Religious workers	58	7	8	11	15	—	17	—	—	—	...	...
Social scientists	28	—	7	—	—	—	—	—	13	8	...	...
Social and recreation workers	6	—	—	—	6	—	—	—	—	—	...	...
Teachers	227	13	19	24	16	19	—	6	88	42	10 938	11 579
College and university	150	7	6	7	16	5	—	—	82	27	12 073	...
Elementary and prekindergarten	17	—	—	5	—	6	—	—	6	—	...	...
Secondary	35	6	13	—	—	8	—	—	—	8	...	...
Engineering and science technicians	121	31	—	—	14	7	16	27	26	—	7 531	...
Draftsmen and surveyors	73	31	—	—	—	7	16	—	19	—	...	...
Electrical and electronic engineering technicians	20	—	—	—	7	—	—	6	7	—	...	...
Technicians, except health, and engineering and science	62	—	—	7	—	—	—	6	13	36	...	...
Airplane pilots	42	—	—	—	—	—	—	6	—	36	...	...
Writers, artists, and entertainers	103	6	9	8	—	17	5	6	21	31	10 119	...
Other professional, technical, and kindred workers	115	7	7	—	—	8	20	42	17	14	8 738	...
<b>Managers and administrators, except farm</b>	943	54	48	17	47	33	57	155	220	312	11 375	11 530
Buyers, purchasing agents, and sales managers	124	—	—	—	—	—	7	20	36	61	14 861	14 375
School administrators	30	—	7	—	10	—	—	—	6	7	...	...
Specified managers and administrators, public administration	32	—	—	—	—	—	—	12	7	13	...	...
Other specified managers and administrators	180	7	6	7	14	14	18	35	50	29	9 371	9 371
Managers and administrators, n.e.c., salaried	496	39	25	10	23	19	32	81	113	154	10 841	11 615
Manufacturing	96	7	6	—	—	—	5	20	26	32	...	...
Wholesale and retail trade	187	6	12	6	19	11	27	18	60	28	9 389	9 722
Transportation, communications, and other public utilities	31	—	—	—	—	—	—	18	6	7	...	...
All other industries	182	26	7	4	4	8	—	25	21	87	14 048	15000+
Managers and administrators, n.e.c., self-employed	81	8	10	—	—	—	—	7	8	48	...	...
Construction	7	—	—	—	—	—	—	—	—	7	...	...
Manufacturing	—	—	—	—	—	—	—	—	—	—	...	...
Wholesale and retail trade	48	8	10	—	—	—	—	7	8	15	...	...
All other industries	26	—	—	—	—	—	—	—	—	26	...	...
Sales workers	473	66	44	35	12	42	25	64	82	103	8 391	9 857
Insurance agents, brokers, and underwriters	59	8	—	8	—	11	13	6	4	9	...	...
Real estate agents and brokers	30	—	—	6	—	—	—	8	—	16	...	...
Sales representatives, manufacturing industries	117	—	—	—	—	8	—	8	52	49	14 087	14 087
Sales representatives, wholesale trade	84	—	—	16	—	—	—	28	13	21	...	...
Sales clerks, retail trade	120	35	25	5	12	17	12	7	7	—	4 000	...
Salesmen, retail trade	20	9	5	—	—	—	—	—	6	—	...	...
Salesmen of services and construction	8	—	—	—	—	—	—	—	—	8	...	...
Other sales workers	35	14	14	—	—	—	—	7	—	—	...	...
<b>Clerical and kindred workers</b>	558	94	68	27	67	61	70	72	86	13	6 377	7 468
Bank tellers and cashiers	35	12	7	—	—	—	—	—	8	8	...	...
Bookkeepers and billing clerks	40	—	9	—	7	11	—	7	6	—	...	...
Mail handlers and postal clerks	26	6	—	13	—	—	7	—	—	—	...	...
Other clerical and kindred workers	457	76	52	14	60	50	63	65	72	5	6 530	7 482
<b>Craftsmen and kindred workers</b>	944	68	103	52	61	148	112	165	192	43	7 357	8 029
Apparel craftsmen and upholsterers	—	—	—	—	—	—	—	—	—	—	...	...
Bakers	15	—	—	—	7	—	—	8	—	—	...	...
Cabinetmakers	26	—	17	—	—	—	9	—	—	—	...	...
Construction craftsmen	176	20	21	15	5	33	15	26	37	4	6 818	7 567
Carpenters	28	—	12	8	—	—	8	—	—	—	...	...
Excavating, grading, and road machine operators	—	—	—	—	—	—	—	—	—	—	...	...
Electricians	39	—	—	7	5	12	7	—	8	—	...	...
Masons and tile setters	14	7	—	—	—	7	—	—	—	—	...	...
Painters, construction and maintenance, and paperhangers	48	6	4	—	—	14	—	13	7	4	...	...
Plasterers and cement finishers	—	—	—	—	—	—	—	—	—	—	...	...
Plumbers and pipe fitters	15	—	—	—	—	—	—	—	15	—	...	...
Other construction craftsmen	32	7	5	—	—	—	—	13	7	—	...	...
Foremen, n.e.c.	176	6	—	—	13	6	20	55	68	8	9 564	9 690
Manufacturing	78	—	—	—	6	—	4	19	41	8	...	...
Nonmanufacturing industries	98	6	—	—	7	6	16	36	27	—	...	...
Linemen and servicemen, telephone and power	20	7	—	—	—	7	—	6	—	—	...	...
Locomotive engineers and firemen	8	—	—	—	—	—	—	—	8	—	...	...
Mechanics and repairmen	295	19	43	19	32	40	39	40	54	9	6 863	7 757
Air conditioning, heating, and refrigeration	17	5	—	—	—	5	—	—	7	—	...	...
Aircraft	86	—	—	7	—	13	11	12	34	9	...	...
Automobile, including body	63	6	16	6	8	14	—	6	7	—	...	...
Radio and television	13	—	—	—	—	—	—	7	6	—	...	...
Other mechanics and repairmen	116	8	27	6	24	8	28	15	—	—	5 708	...
Metal craftsmen, except mechanics	48	—	—	6	—	13	16	7	6	—	...	...
Machinists and job and die setters	26	—	—	6	—	13	—	7	—	—	...	...
Sheetmetal workers and tinsmiths	22	—	—	—	—	—	16	—	6	—	...	...
Tool and die makers	—	—	—	—	—	—	—	—	—	—	...	...
Other metal craftsmen	—	—	—	—	—	—	—	—	—	—	...	...
Printing craftsmen	19	6	5	—	—	—	—	—	8	—	...	...
Compositors and typesetters	14	6	—	—	—	—	—	—	8	—	...	...
Pressmen and plate printers, printing	5	—	5	—	—	—	—	—	—	—	...	...
Stationary engineers and power station operators	11	—	—	—	4	7	—	—	—	—	...	...
Other craftsmen and kindred workers	150	10	17	12	—	42	13	23	11	22	6 857	...

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

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

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

**THE STATE—Continued**

**Persons of Spanish Language—Continued**

**Experienced civilian labor force—Continued**

	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	\$1 to \$1,999 or less	\$2,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$7,999	\$8,000 to \$9,999	\$10,000 to \$14,999	\$15,000 or more	All earners	Earners worked 50 to 52 weeks
<b>Operatives, except transport</b> .....	586	78	84	53	87	75	100	65	38	6	5 897	6 475
Assemblers.....	86	4	6	7	12	14	17	18	8	—	...	...
Checkers, examiners, and inspectors; manufacturing.....	6	—	—	—	—	—	6	—	—	—	...	...
Garage workers and gas station attendants.....	66	35	18	13	—	—	—	—	—	—	...	...
Laundry and drycleaning operatives, n.e.c.....	—	—	—	—	—	—	—	—	—	—	...	...
Meat cutters and butchers.....	34	—	—	—	7	8	19	—	—	—	...	...
Mine operatives, n.e.c.....	—	—	—	—	—	—	—	—	—	—	...	...
Packers and wrappers, except produce.....	13	9	—	—	4	—	—	—	—	—	...	...
Painters, manufactured articles.....	—	—	—	—	—	—	—	—	—	—	...	...
Precision machine operatives.....	—	—	—	—	—	—	—	—	—	—	...	...
Sawyers.....	8	—	—	—	—	8	—	—	—	—	...	...
Stationary firemen.....	6	—	—	—	—	—	—	6	—	—	...	...
Textile operatives.....	32	6	5	21	—	—	—	—	—	—	...	...
Welders and flamecutters.....	61	—	14	12	14	—	8	13	—	—	...	...
Other metalworking operatives.....	—	—	—	—	—	—	—	—	—	—	...	...
Other specified operatives.....	102	—	32	—	16	13	8	13	20	6	6 231	6 813
Miscellaneous and not specified operatives.....	172	24	9	—	34	32	42	15	10	6	6 594	6 813
Occupation:												
Machine operatives, miscellaneous specified.....	50	5	—	—	—	6	20	8	5	6	...	...
Machine operatives, not specified.....	45	—	—	—	17	7	16	—	5	—	...	...
Miscellaneous operatives.....	66	19	9	—	17	14	—	7	—	—	...	...
Not specified operatives.....	11	—	—	—	—	5	6	—	—	—	...	...
<b>Industry:</b>												
<b>Manufacturing</b> .....	128	9	—	—	28	26	42	7	10	6	7 024	...
Durable goods.....	70	5	—	—	28	13	6	7	5	6	...	...
Wood products, including furniture.....	13	—	—	—	13	—	—	—	—	—	...	...
Primary metal industries.....	—	—	—	—	—	—	—	—	—	—	...	...
Fabricated metal industries.....	—	—	—	—	—	—	—	—	5	—	...	...
Machinery, including electrical.....	11	—	—	—	6	7	—	—	—	—	...	...
Motor vehicles and equipment.....	7	—	—	—	—	—	—	—	—	—	...	...
Transportation equipment, except motor vehicles.....	22	—	—	—	9	—	6	7	—	—	...	...
Other durable goods.....	17	5	—	—	—	6	—	—	—	6	...	...
Nondurable goods.....	58	4	—	—	—	13	36	—	5	—	...	...
Food and kindred products.....	—	—	—	—	—	—	—	—	—	—	...	...
Apparel and other fabricated textile products.....	4	4	—	—	—	—	—	—	—	—	...	...
Paper and allied products.....	14	—	—	—	—	—	9	—	5	—	...	...
Chemicals and allied products.....	32	—	—	—	—	—	27	—	—	—	...	...
Other nondurable goods.....	8	—	—	—	—	8	—	—	—	—	...	...
Not specified manufacturing industries.....	—	—	—	—	—	—	—	—	—	—	...	...
Nonmanufacturing industries.....	44	15	9	—	6	6	—	8	—	—	...	...
Transportation, communications, and other public utilities.....	6	—	—	—	—	6	—	—	—	—	...	...
Wholesale and retail trade.....	15	9	—	—	6	—	—	—	—	—	...	...
All other industries.....	23	6	9	—	—	—	—	8	—	—	...	...
<b>Transport equipment operatives</b> .....	213	18	44	14	27	18	54	33	5	—	6 194	7 043
Bus drivers.....	17	—	—	—	—	—	17	—	—	—	...	...
Taxicab drivers and chauffeurs.....	8	—	4	—	4	—	—	—	—	—	...	...
Truck drivers and deliverymen.....	141	18	7	14	23	18	30	26	5	—	6 472	7 000
Other transport equipment operatives.....	47	—	33	—	—	—	7	—	—	—	...	...
<b>Laborers, except farm</b> .....	220	96	52	16	—	16	14	7	19	—	2 538	6 063
Construction laborers.....	15	15	—	—	—	—	—	—	—	—	...	...
Freight, stock, and material handlers.....	99	50	30	—	—	7	5	—	7	—	...	...
Other specified laborers.....	49	7	16	10	—	—	9	7	—	—	...	...
Miscellaneous and not specified laborers.....	57	24	6	6	—	9	—	—	12	—	...	...
Occupation:												
Miscellaneous laborers.....	9	9	—	—	—	—	—	—	—	—	...	...
Not specified laborers.....	48	15	6	6	—	9	—	—	12	—	...	...
<b>Industry:</b>												
<b>Manufacturing</b> .....	21	—	—	—	—	9	—	—	12	—	...	...
Durable goods.....	—	—	—	—	—	—	—	—	—	—	...	...
Wood products, including furniture.....	—	—	—	—	—	—	—	—	—	—	...	...
Metal industries.....	—	—	—	—	—	—	—	—	—	—	...	...
Machinery, including electrical.....	—	—	—	—	—	—	—	—	—	—	...	...
Transportation equipment.....	—	—	—	—	—	—	—	—	—	—	...	...
Other durable goods.....	—	—	—	—	—	—	—	—	—	—	...	...
Nondurable goods.....	21	—	—	—	—	9	—	—	12	—	...	...
Food and kindred products.....	—	—	—	—	—	—	—	—	—	—	...	...
Not specified manufacturing industries.....	—	—	—	—	—	—	—	—	—	—	...	...
Nonmanufacturing industries.....	36	24	6	6	—	—	—	—	—	—	...	...
Railroads and railway express service.....	—	—	—	—	—	—	—	—	—	—	...	...
Transportation, except railroads.....	—	—	—	—	—	—	—	—	—	—	...	...
Communications, and utilities and sanitary services.....	—	—	—	—	—	—	—	—	—	—	...	...
Wholesale and retail trade.....	21	9	6	6	—	—	—	—	—	—	...	...
All other industries.....	15	15	—	—	—	—	—	—	—	—	...	...
<b>Farmers and farm managers</b> .....	23	8	9	—	—	—	6	—	—	—	...	...
Farm laborers and farm foremen.....	67	37	18	—	—	—	12	—	—	—	...	...
Paid farm laborers and farm foremen.....	67	37	18	—	—	—	12	—	—	—	...	...
Unpaid family workers.....	—	—	—	—	—	—	—	—	—	—	...	...
<b>Service workers, except private household<sup>1</sup></b> .....	381	105	63	45	46	39	20	40	12	11	4 500	6 308
Cleaning service workers.....	56	21	15	—	6	—	—	7	7	—	...	...
Food service workers.....	119	44	14	12	19	12	13	5	—	—	4 125	...
Cooks, except private household.....	62	26	—	—	6	12	13	5	—	—	...	...
Busboys and dishwashers.....	—	—	—	—	—	—	—	—	—	—	...	...
Health service workers.....	15	—	—	8	7	—	—	—	—	—	...	...
Personal service workers.....	68	27	7	5	8	—	—	5	5	11	...	...
Protective service workers.....	105	7	21	20	6	27	7	17	—	—	5 750	...
Firemen, fire protection.....	8	—	—	—	—	—	—	8	—	—	...	...
Guards and watchmen.....	64	7	15	13	6	7	7	9	—	—	...	...
Policemen and detectives.....	33	—	6	7	—	20	—	—	—	—	...	...
<b>Private household workers</b> .....	—	—	—	—	—	—	—	—	—	—	...	...

<sup>1</sup>Includes allocated cases not shown separately.



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

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

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

ATLANTA SMSA

	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	\$1 to \$1,999 or less	\$2,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$7,999	\$8,000 to \$9,999	\$10,000 to \$14,999	\$15,000 or more	All earners	Earners worked 50 to 52 weeks
<b>Total</b>	<b>354 118</b>	<b>34 414</b>	<b>35 179</b>	<b>22 802</b>	<b>27 228</b>	<b>28 547</b>	<b>33 186</b>	<b>54 410</b>	<b>71 822</b>	<b>46 530</b>	<b>7 871</b>	<b>8 958</b>
<b>Experienced civilian labor force</b>	<b>354 118</b>	<b>34 414</b>	<b>35 179</b>	<b>22 802</b>	<b>27 228</b>	<b>28 547</b>	<b>33 186</b>	<b>54 410</b>	<b>71 822</b>	<b>46 530</b>	<b>7 871</b>	<b>8 958</b>
<b>Professional, technical, and kindred workers</b>	<b>55 252</b>	<b>2 648</b>	<b>3 192</b>	<b>1 575</b>	<b>2 004</b>	<b>2 650</b>	<b>3 886</b>	<b>7 640</b>	<b>16 822</b>	<b>14 635</b>	<b>11 198</b>	<b>12 227</b>
Accountants	5 677	280	222	95	259	362	471	1 004	1 831	1 153	10 397	11 348
Architects	731	21	6	21	10	8	40	37	309	279	13 600	14 113
Computer specialists	1 925	69	91	58	66	93	213	287	746	302	10 573	11 375
Engineers	11 314	198	261	162	216	163	440	1 208	4 783	3 883	13 146	13 528
Aeronautical and astronautical	2 142	31	14	22	18	11	57	144	804	1 041	14 813	15000+
Civil	1 923	22	50	30	63	33	90	231	796	608	12 780	13 242
Electrical and electronic	2 327	39	58	34	15	56	90	294	1 044	697	12 766	13 062
Mechanical	984	15	18	5	6	5	42	106	445	342	13 315	13 537
Other engineers	3 938	91	121	71	114	58	161	433	1 694	1 195	12 715	13 209
Lawyers and judges	2 200	57	97	23	41	36	81	102	459	1 304	15000+	15000+
Life and physical scientists	895	28	38	31	15	36	67	148	319	213	11 324	12 178
Chemists	438	16	26	21	5	21	38	75	156	80	10 545	11 788
Physicians, dentists, and related practitioners	3 619	94	161	82	87	99	85	185	695	2 131	15000+	15000+
Dentists	619	10	16	9	9	5	14	36	61	459	15000+	15000+
Pharmacists	629	45	34	43	5	16	4	67	317	98	11 585	12 138
Physicians, medical and osteopathic	2 017	29	93	25	61	73	63	62	202	1 409	15000+	15000+
Other related practitioners	354	10	18	5	12	5	20	115	165	14 478	15000+	
Health technologists and technicians	627	77	82	53	71	38	52	112	88	54	6 803	8 402
Religious workers	1 850	129	214	87	142	186	218	369	382	123	7 766	8 061
Social scientists	884	40	63	20	33	10	40	84	255	339	12 980	14 417
Social and recreation workers	686	92	87	36	26	62	92	85	147	59	7 435	8 407
Teachers	5 946	368	584	180	173	420	633	1 240	1 353	995	8 992	10 380
College and university	2 160	155	198	56	40	52	47	266	504	842	12 639	15000+
Elementary and prekindergarten	801	58	92	36	11	93	129	262	108	12	7 857	8 529
Secondary	2 379	71	247	73	87	251	432	571	595	52	8 100	9 016
Engineering and science technicians	4 578	348	411	205	336	500	501	760	1 251	266	7 976	8 994
Draftsmen and surveyors	2 308	221	258	129	237	295	266	368	420	114	7 053	8 011
Electrical and electronic engineering technicians	985	28	31	10	40	43	115	185	471	62	10 430	10 779
Technicians, except health, and engineering and science	3 020	45	87	53	74	91	111	311	650	1 598	15000+	15000+
Airplane pilots	1 686	20	43	6	-	10	24	118	251	1 214	15000+	15000+
Writers, artists, and entertainers	4 228	374	270	175	191	252	337	697	1 216	716	9 478	10 788
Other professional, technical, and kindred workers	7 072	428	518	294	264	294	505	1 011	2 338	1 420	10 475	11 599
<b>Managers and administrators, except farm</b>	<b>51 277</b>	<b>1 503</b>	<b>1 510</b>	<b>1 098</b>	<b>1 898</b>	<b>2 748</b>	<b>3 453</b>	<b>7 085</b>	<b>14 645</b>	<b>17 337</b>	<b>12 166</b>	<b>12 658</b>
Buyers, purchasing agents, and sales managers	8 492	141	95	146	238	404	409	939	2 635	3 485	13 556	13 808
School administrators	926	34	22	11	14	18	20	100	387	320	13 152	13 742
Specified managers and administrators, public administration	2 609	54	16	9	49	140	246	447	898	750	11 913	12 272
Other specified managers and administrators	9 061	343	453	320	459	685	786	1 487	2 399	2 129	9 997	10 929
Managers and administrators, n.e.c., salaried	25 626	585	640	410	859	1 198	1 615	3 556	7 445	9 318	12 653	13 042
Manufacturing	5 334	73	82	46	133	165	180	549	1 612	2 494	14 463	14 635
Wholesale and retail trade	8 834	217	286	228	393	559	842	1 527	2 243	2 539	10 814	11 414
Transportation, communications, and other public utilities	2 535	57	31	5	33	79	43	1 002	830	12 817	12 933	
All other industries	8 923	238	241	131	300	408	514	1 048	2 588	3 455	13 055	13 492
Managers and administrators, n.e.c., self-employed	4 563	346	284	202	279	303	377	556	881	1 335	9 764	10 557
Construction	1 320	85	80	52	72	101	86	132	289	423	10 900	12 705
Manufacturing	2 233	34	5	5	10	12	18	27	33	89	10 833	12 063
Wholesale and retail trade	2 021	155	157	79	156	146	206	266	374	482	8 838	9 248
All other industries	989	72	42	66	41	44	67	131	185	341	10 851	11 215
<b>Sales workers</b>	<b>35 655</b>	<b>3 235</b>	<b>2 252</b>	<b>1 327</b>	<b>1 821</b>	<b>2 085</b>	<b>2 819</b>	<b>5 495</b>	<b>8 910</b>	<b>7 711</b>	<b>9 561</b>	<b>10 620</b>
Insurance agents, brokers, and underwriters	4 323	130	137	64	175	217	421	931	1 289	959	10 336	10 841
Real estate agents and brokers	2 150	206	162	57	110	72	117	203	452	771	11 637	13 141
Sales representatives, manufacturing industries	5 568	148	110	110	122	219	341	889	1 906	1 723	12 217	12 738
Sales representatives, wholesale trade	8 289	299	230	237	372	512	782	1 490	2 263	2 104	10 492	11 030
Sales clerks, retail trade	6 823	1 690	957	457	570	568	518	661	867	535	5 539	7 298
Salesmen, retail trade	3 129	217	249	181	218	212	219	455	927	451	9 180	10 284
Salesmen of services and construction	2 101	173	161	62	72	141	184	399	548	361	9 291	9 898
Other sales workers	3 272	372	246	159	182	144	237	467	658	807	9 268	10 479
<b>Clerical and kindred workers</b>	<b>35 839</b>	<b>4 279</b>	<b>3 951</b>	<b>2 345</b>	<b>3 106</b>	<b>3 656</b>	<b>4 576</b>	<b>7 204</b>	<b>5 409</b>	<b>1 313</b>	<b>7 127</b>	<b>7 916</b>
Bank tellers and cashiers	1 166	423	278	57	131	101	32	89	36	19	3 151	5 168
Bookkeepers and billing clerks	2 349	185	219	170	225	308	302	416	396	128	7 224	7 795
Mail handlers and postal clerks	4 384	291	306	221	257	629	793	1 287	532	68	7 615	7 959
Other clerical and kindred workers	27 940	3 380	3 148	1 897	2 493	2 618	3 449	5 412	4 445	1 098	7 126	7 979
<b>Craftsmen and kindred workers</b>	<b>72 112</b>	<b>4 791</b>	<b>6 294</b>	<b>4 730</b>	<b>6 276</b>	<b>6 494</b>	<b>7 911</b>	<b>14 137</b>	<b>17 842</b>	<b>3 637</b>	<b>7 944</b>	<b>8 654</b>
Apparel craftsmen and upholsterers	601	85	77	71	71	33	75	111	67	11	5 951	7 120
Bakers	545	38	61	78	95	76	91	75	25	6	6 007	6 567
Cabinetmakers	589	33	101	51	90	97	58	93	36	30	6 201	6 621
Construction craftsmen	19 238	1 763	2 535	1 644	2 046	1 994	1 915	3 004	3 577	760	6 818	7 524
Carpenters	4 813	448	691	490	468	504	621	755	729	107	6 614	7 346
Excavating, grading, and road machine operators	1 323	137	159	129	155	176	148	220	161	98	6 463	7 346
Electricians	3 296	110	174	124	241	279	340	705	1 053	270	9 078	9 536
Masons and tile setters	2 309	301	448	251	312	244	168	316	243	26	5 495	6 301
Painters, construction and maintenance, and paperhangers	3 183	370	569	276	442	407	296	399	363	61	5 852	6 717
Plasterers and cement finishers	838	109	166	98	98	122	73	95	66	11	5 469	6 157
Plumbers and pipe fitters	2 177	132	164	158	178	135	148	361	712	189	8 961	9 775
Other construction craftsmen	1 299	156	164	118	152	127	121	153	250	58	6 469	7 439
Foremen, n.e.c.	10 162	201	268	291	433	546	973	2 243	3 984	1 223	10 158	10 389
Manufacturing	4 388	85	81	93	197	163	356	939	1 792	682	10 781	10 928
Nonmanufacturing industries	5 774	116	187	198	236	383	617	1 304	2 192	541	9 764	9 555
Linemen and servicemen, telephone and power	3 251	149	275	201	272	302	373	718	874	87	8 149	8 664
Locomotive engineers and firemen	456	29	8	5	12	15	15	43	236	93	12 140	12 574
Mechanics and repairmen	20 399	1 195	1 377	1 144	1 695	1 932	2 618	4 503	5 253	682	8 106	8 618
Air conditioning, heating, and refrigeration	1 366	114	123	84	77	159	225	258	271	55	7 560	7 975
Aircraft	4 277	114	65	77	100	129	257	1 035	2 282	218	10 792	11 042
Automobile, including body	7 282	516	658	554	887	869	1 047	1 503	1 053	195		

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

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

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

**ATLANTA SMSA—Continued**

**Total—Continued**

**Experienced civilian labor force—Continued**

	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	\$1 to \$1,999 or loss	\$2,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$7,999	\$8,000 to \$9,999	\$10,000 to \$14,999	\$15,000 or more	All earners	Earners worked 50 to 52 weeks
<b>Operatives, except transport</b> .....	<b>35 218</b>	<b>3 904</b>	<b>4 691</b>	<b>3 587</b>	<b>4 214</b>	<b>4 266</b>	<b>4 661</b>	<b>5 801</b>	<b>3 589</b>	<b>505</b>	<b>6 284</b>	<b>7 017</b>
Assemblers.....	6 002	339	457	390	610	867	1 135	1 502	674	28	7 298	7 879
Checkers, examiners, and inspectors; manufacturing.....	1 737	59	75	81	146	187	300	458	394	37	8 090	8 627
Garage workers and gas station attendants.....	2 947	1 170	599	287	333	191	146	112	73	36	3 013	5 228
Laundry and drycleaning operatives, n.e.c.....	342	64	119	46	38	37	21	—	11	6	3 798	4 319
Meat cutters and butchers.....	1 006	45	117	78	115	168	246	146	86	5	6 881	7 161
Mine operatives, n.e.c.....	81	16	25	6	7	11	—	—	5	—	—	—
Packers and wrappers, except produce.....	1 374	247	305	154	147	196	137	132	50	6	4 877	6 003
Painters, manufactured articles.....	720	47	64	62	76	105	106	129	110	21	7 057	7 367
Precision machine operatives.....	567	46	62	34	66	49	79	116	94	21	7 335	8 190
Sawyers.....	270	15	46	58	33	19	31	60	—	8	5 485	6 105
<b>Stationary firemen</b> .....	<b>312</b>	<b>14</b>	<b>9</b>	<b>26</b>	<b>36</b>	<b>24</b>	<b>39</b>	<b>62</b>	<b>102</b>	<b>—</b>	<b>8 258</b>	<b>8 694</b>
Textile operatives.....	718	81	134	179	126	68	44	49	32	5	4 804	5 321
Welders and flamecutters.....	2 288	95	181	181	249	359	329	490	370	34	7 240	7 663
Other metalworking operatives.....	858	74	101	90	165	85	135	120	70	18	5 994	6 363
Other specified operatives.....	6 401	715	1 155	839	857	794	566	752	597	126	5 574	6 260
Miscellaneous and not specified operatives.....	9 595	877	1 242	1 076	1 210	1 106	1 336	1 673	921	154	6 355	7 083
<b>Occupation:</b>												
Machine operatives, miscellaneous specified.....	3 379	236	364	397	421	490	576	544	301	50	6 554	6 991
Machine operatives, not specified.....	2 051	156	325	230	418	224	233	301	149	15	5 752	6 193
Miscellaneous operatives.....	3 039	371	442	333	292	273	362	643	270	53	6 299	7 463
Not specified operatives.....	1 126	114	111	116	79	119	165	185	201	36	7 145	7 875
<b>Industry:</b>												
<b>Manufacturing</b> .....	<b>6 745</b>	<b>512</b>	<b>871</b>	<b>761</b>	<b>840</b>	<b>803</b>	<b>936</b>	<b>1 180</b>	<b>748</b>	<b>94</b>	<b>6 484</b>	<b>7 113</b>
<b>Durable goods</b> .....	<b>3 815</b>	<b>272</b>	<b>408</b>	<b>319</b>	<b>441</b>	<b>397</b>	<b>515</b>	<b>782</b>	<b>610</b>	<b>71</b>	<b>7 137</b>	<b>7 710</b>
Wood products, including furniture.....	295	65	55	55	44	30	36	—	10	—	4 500	5 250
Primary metal industries.....	395	34	94	50	61	44	29	48	35	—	5 320	6 569
Fabricated metal industries.....	400	20	37	46	55	47	71	60	53	11	6 894	7 422
Machinery, including electrical.....	528	30	66	57	87	99	58	77	54	—	6 242	6 596
Motor vehicles and equipment.....	544	24	17	35	59	61	111	171	61	5	7 685	7 792
Transportation equipment, except motor vehicles.....	935	38	24	22	45	39	107	336	287	37	9 146	9 359
Other durable goods.....	718	61	115	54	90	77	103	90	110	18	6 506	7 250
<b>Nondurable goods</b> .....	<b>2 898</b>	<b>240</b>	<b>450</b>	<b>433</b>	<b>395</b>	<b>400</b>	<b>421</b>	<b>398</b>	<b>138</b>	<b>23</b>	<b>5 825</b>	<b>6 394</b>
Food and kindred products.....	850	85	115	127	65	171	155	106	19	7	6 193	6 455
Apparel and other fabricated textile products.....	95	22	29	16	17	—	7	4	—	—	—	—
Paper and allied products.....	945	93	138	124	173	143	102	123	49	—	5 679	6 195
Chemicals and allied products.....	290	4	36	34	53	22	63	61	13	4	6 818	7 134
Other nondurable goods.....	718	36	132	132	87	64	94	104	57	12	5 678	6 804
Not specified manufacturing industries.....	32	—	13	9	4	6	—	—	—	—	—	—
<b>Nonmanufacturing industries</b> .....	<b>2 850</b>	<b>365</b>	<b>371</b>	<b>315</b>	<b>370</b>	<b>303</b>	<b>400</b>	<b>493</b>	<b>173</b>	<b>60</b>	<b>6 013</b>	<b>7 016</b>
Transportation, communications, and other public utilities.....	817	63	42	59	62	44	144	299	98	6	7 962	8 418
Wholesale and retail trade.....	850	163	92	124	152	90	115	78	15	21	5 303	5 857
All other industries.....	1 183	139	237	132	156	169	141	116	60	33	5 535	6 500
<b>Transport equipment operatives</b> .....	<b>21 394</b>	<b>1 864</b>	<b>3 145</b>	<b>2 354</b>	<b>2 542</b>	<b>2 405</b>	<b>2 464</b>	<b>3 458</b>	<b>2 643</b>	<b>519</b>	<b>6 329</b>	<b>6 903</b>
Bus drivers.....	1 172	64	199	30	78	193	137	238	218	15	7 161	7 922
Taxicab drivers and chauffeurs.....	1 104	195	363	127	174	102	72	55	16	—	3 967	4 649
Truck drivers and deliverymen.....	14 465	1 112	1 869	1 662	1 655	1 609	1 645	2 459	1 979	475	6 581	7 102
Other transport equipment operatives.....	4 653	493	714	535	635	501	610	706	430	29	5 920	6 503
<b>Laborers, except farm</b> .....	<b>21 907</b>	<b>5 931</b>	<b>4 975</b>	<b>2 720</b>	<b>2 779</b>	<b>2 060</b>	<b>1 532</b>	<b>1 330</b>	<b>445</b>	<b>135</b>	<b>4 017</b>	<b>5 322</b>
Construction laborers.....	4 336	1 083	942	666	683	393	244	163	109	53	4 215	5 363
Freight, stock, and material handlers.....	9 911	2 647	2 061	1 060	1 162	1 024	857	814	244	42	4 233	5 717
Other specified laborers.....	5 433	1 646	1 404	649	640	486	228	285	55	40	3 525	4 760
Miscellaneous and not specified laborers.....	2 227	555	568	345	294	157	203	68	37	—	3 967	4 937
<b>Occupation:</b>												
Miscellaneous laborers.....	574	109	141	86	96	57	58	21	6	—	4 430	5 017
Not specified laborers.....	1 653	446	427	259	198	100	145	47	31	—	3 782	4 902
<b>Industry:</b>												
<b>Manufacturing</b> .....	<b>669</b>	<b>154</b>	<b>152</b>	<b>101</b>	<b>107</b>	<b>39</b>	<b>75</b>	<b>21</b>	<b>20</b>	<b>—</b>	<b>4 282</b>	<b>5 267</b>
<b>Durable goods</b> .....	<b>365</b>	<b>59</b>	<b>101</b>	<b>46</b>	<b>75</b>	<b>14</b>	<b>43</b>	<b>12</b>	<b>15</b>	<b>—</b>	<b>4 489</b>	<b>5 125</b>
Wood products, including furniture.....	47	5	16	18	8	—	—	—	—	—	—	—
Metal industries.....	150	25	50	23	30	12	5	—	5	—	4 000	—
Machinery, including electrical.....	46	16	21	—	9	—	—	—	—	—	—	—
Transportation equipment.....	57	8	10	—	6	2	21	—	10	—	—	—
Other durable goods.....	65	5	4	—	5	—	17	12	—	—	—	—
<b>Nondurable goods</b> .....	<b>299</b>	<b>90</b>	<b>51</b>	<b>55</b>	<b>32</b>	<b>25</b>	<b>32</b>	<b>9</b>	<b>5</b>	<b>—</b>	<b>4 155</b>	<b>5 500</b>
Food and kindred products.....	153	41	30	13	27	9	19	9	5	—	4 423	—
Not specified manufacturing industries.....	5	—	—	—	—	—	—	—	—	—	—	—
<b>Nonmanufacturing industries</b> .....	<b>1 558</b>	<b>401</b>	<b>416</b>	<b>244</b>	<b>187</b>	<b>118</b>	<b>128</b>	<b>47</b>	<b>17</b>	<b>—</b>	<b>3 817</b>	<b>4 830</b>
Railroads and railway express service.....	121	8	11	22	38	16	21	—	5	—	5 513	—
Transportation, except railroads.....	153	4	45	20	24	29	21	10	—	—	5 313	5 833
Communications, and utilities and sanitary services.....	272	62	66	57	39	24	13	11	—	—	4 140	4 547
Wholesale and retail trade.....	403	73	130	56	49	21	51	16	7	—	3 977	5 061
All other industries.....	609	254	164	89	37	28	22	10	5	—	2 616	3 965
<b>Farmers and farm managers</b> .....	<b>597</b>	<b>185</b>	<b>97</b>	<b>32</b>	<b>87</b>	<b>6</b>	<b>22</b>	<b>40</b>	<b>54</b>	<b>74</b>	<b>4 516</b>	<b>5 213</b>
<b>Farm laborers and farm foremen</b> .....	<b>832</b>	<b>365</b>	<b>244</b>	<b>87</b>	<b>40</b>	<b>40</b>	<b>5</b>	<b>20</b>	<b>26</b>	<b>5</b>	<b>2 418</b>	<b>3 077</b>
Paid farm laborers and farm foremen.....	826	359	244	87	40	40	5	20	26	5	2 443	3 109
Unpaid family workers.....	6	6	—	—	—	—	—	—	—	—	—	—
<b>Service workers, except private household<sup>1</sup></b> .....	<b>23 687</b>	<b>5 560</b>	<b>4 672</b>	<b>2 925</b>	<b>2 455</b>	<b>2 133</b>	<b>1 852</b>	<b>2 194</b>	<b>1 437</b>	<b>459</b>	<b>4 551</b>	<b>5 715</b>
Cleaning service workers.....	7 507	1 731	1 806	1 343	912	592	475	413	178	57	4 161	4 775
Food service workers.....	4 700	1 956	1 042	429	324	298	212	244	134	61	2 756	4 717
Cooks, except private household.....	1 926	544	483	202	167	175	118	77	99	61	3 735	5 296
Busboys and dishwashers.....	865	603	183	43	16	6	10	4	—	—	1 434	2 733
Health service workers.....	652	195	221	87	42	30	45	23	9	—	3 186	4 539
Personal service workers.....	2 553	560	384	339	300	260	144	213	243	110	4 981	5 915
Protective service workers.....	5 905	433	643	424	674	761	852	1 165	755	198	7 021	7 483
Firemen, fire protection.....	1 462	54	88	56	122	260	314	346	198	24	7 481	7 885
Guards and watchmen.....	2 179	288	390	245	324	150	159	349	248	26	5 514	6 345
Policemen and detectives.....	1 990	65	146	111	186	318	309	448	273	134	7 547	7 839
<b>Private household workers</b> .....	<b>348</b>	<b>149</b>	<b>156</b>	<b>22</b>	<b>6</b>							

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

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

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

**ATLANTA SMSA—Continued**

**Negro**

	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	\$1 to \$1,999 or less	\$2,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$7,999	\$8,000 to \$9,999	\$10,000 to \$14,999	\$15,000 or more	All earners	Earners worked 50 to 52 weeks
<b>Experienced civilian labor force</b> .....	63 032	9 573	13 266	9 542	8 983	7 438	5 436	5 503	2 620	671	4 909	5 529
<b>Professional, technical, and kindred workers</b> .....	3 183	331	354	238	175	297	452	662	477	197	7 435	7 963
Accountants.....	117	14	16	—	11	6	23	26	21	—	7 500	...
Architects.....	22	—	—	16	—	—	—	—	6	—	...	...
Computer specialists.....	49	—	—	—	—	11	4	16	12	6	...	...
Engineers.....	159	7	—	15	25	—	53	35	24	—	7 613	7 643
Aeronautical and astronautical.....	36	—	—	5	—	—	9	4	18	—	...	...
Civil.....	39	7	—	—	16	—	10	6	—	—	...	...
Electrical and electronic.....	26	—	—	10	—	—	11	5	—	—	...	...
Mechanical.....	28	—	—	—	—	—	17	11	—	—	...	...
Other engineers.....	30	—	—	—	9	—	6	9	6	—	...	...
Lawyers and judges.....	32	—	7	—	—	—	6	—	11	8	...	...
Life and physical scientists.....	19	—	—	5	—	—	4	5	5	—	...	...
Chemists.....	15	—	—	5	—	—	—	5	5	—	...	...
Physicians, dentists, and related practitioners.....	137	13	14	4	—	6	5	12	4	79	15000+	15000+
Dentists.....	15	—	—	—	—	—	—	—	—	15	...	...
Pharmacists.....	38	—	4	—	—	6	—	7	4	17	...	...
Physicians, medical and osteopathic.....	84	13	10	4	—	—	5	5	—	47	...	...
Other related practitioners.....	—	—	—	—	—	—	—	—	—	—	...	...
Health technologists and technicians.....	103	16	8	16	17	—	9	27	10	—	5 676	...
Religious workers.....	168	34	41	12	10	—	13	24	30	4	4 750	5 750
Social scientists.....	22	—	—	—	6	—	6	—	—	10	...	...
Social and recreation workers.....	177	20	23	15	16	23	26	37	13	4	6 630	7 250
Teachers.....	1 041	46	46	35	31	106	159	330	239	49	8 591	9 188
College and university.....	179	31	31	10	—	—	11	21	31	44	8 619	...
Elementary and prekindergarten.....	294	5	5	4	—	14	62	151	53	—	8 755	8 908
Secondary.....	527	5	10	21	27	87	86	141	150	—	8 390	8 744
Engineering and science technicians.....	175	—	26	21	11	48	34	24	11	—	6 615	6 744
Draftsmen and surveyors.....	71	—	15	11	11	12	5	12	5	—	...	...
Electrical and electronic engineering technicians.....	29	—	—	—	—	10	9	4	6	—	...	...
Technicians, except health, and engineering and science.....	52	10	6	—	7	14	—	10	5	—	...	...
Airplane pilots.....	—	—	—	—	—	—	—	—	—	—	...	...
Writers, artists, and entertainers.....	236	50	42	29	15	23	15	35	22	5	4 897	6 267
Other professional, technical, and kindred workers.....	674	121	125	70	26	60	95	81	64	32	5 808	7 283
<b>Managers and administrators, except farm</b> .....	2 073	197	237	197	192	233	226	288	331	172	6 916	7 536
Buyers, purchasing agents, and sales managers.....	97	5	5	8	14	29	11	15	10	—	12 201	13 333
School administrators.....	187	10	5	11	—	—	5	33	67	56	8 813	8 953
Specified managers and administrators, public administration.....	175	6	—	—	11	40	11	48	38	21	6 088	6 960
Other specified managers and administrators.....	699	81	135	66	61	74	97	93	76	16	6 883	7 481
Managers and administrators, n.e.c., salaried.....	655	49	52	72	83	81	73	65	106	74	8 571	...
Manufacturing.....	104	—	—	15	7	17	5	14	24	18	6 345	6 564
Wholesale and retail trade.....	276	28	16	33	42	55	45	24	22	11	...	...
Transportation, communications, and other public utilities.....	17	4	5	—	—	—	—	4	—	—	...	...
All other industries.....	258	17	27	24	34	9	23	23	60	41	7 783	9 000
Managers and administrators, n.e.c., self-employed.....	260	46	40	40	23	9	29	34	34	5	5 174	7 088
Construction.....	80	28	27	—	—	—	10	—	15	—	...	...
Manufacturing.....	—	—	—	—	—	—	—	—	—	—	...	...
Wholesale and retail trade.....	123	18	6	14	13	9	19	29	10	5	7 079	...
All other industries.....	57	—	7	26	10	—	—	5	9	—	...	...
<b>Sales workers</b> .....	1 256	215	209	174	126	155	62	169	114	32	5 238	6 264
Insurance agents, brokers, and underwriters.....	127	10	17	12	6	37	10	21	9	5	6 500	...
Real estate agents and brokers.....	101	12	—	—	—	20	—	27	21	21	9 370	...
Sales representatives, manufacturing industries.....	66	—	—	7	4	4	6	35	10	—	...	...
Sales representatives, wholesale trade.....	122	10	12	9	19	11	12	23	26	—	7 000	...
Sales clerks, retail trade.....	438	117	92	72	58	53	16	21	9	—	4 139	5 154
Salesmen, retail trade.....	96	—	18	23	6	10	5	12	16	6	...	...
Salesmen of services and construction.....	74	16	15	—	6	15	5	6	11	—	...	...
Other sales workers.....	232	50	55	51	27	5	8	24	12	—	4 216	4 770
<b>Clerical and kindred workers</b> .....	7 249	949	1 096	866	1 000	1 150	880	991	371	46	5 764	6 432
Bank tellers and cashiers.....	165	51	39	15	29	28	—	—	3	—	3 615	...
Bookkeepers and billing clerks.....	139	21	13	10	35	21	26	9	—	4	5 729	6 071
Mail handlers and postal clerks.....	1 926	114	156	112	177	414	354	440	150	9	6 976	7 274
Other clerical and kindred workers.....	5 119	763	888	729	759	687	500	542	218	33	5 236	5 985
<b>Craftsmen and kindred workers</b> .....	9 228	986	1 763	1 340	1 451	1 234	956	960	455	83	5 362	5 826
Apparel craftsmen and upholsterers.....	128	5	24	30	28	19	—	10	12	—	5 179	...
Bakers.....	285	32	49	50	46	31	27	44	—	6	5 250	5 814
Cabinetmakers.....	51	—	22	10	6	—	—	7	—	—	...	...
Construction craftsmen.....	3 492	480	733	503	503	504	277	333	131	28	5 060	5 728
Carpenters.....	346	62	73	66	47	38	27	25	—	8	4 576	5 121
Excavating, grading, and road machine operators.....	268	33	71	35	31	36	17	40	5	—	4 857	6 016
Electricians.....	141	19	18	21	33	15	10	20	5	—	5 379	...
Masons and tile setters.....	980	151	216	138	143	109	67	115	31	10	4 091	5 664
Painters, construction and maintenance, and paperhangers.....	614	65	128	96	85	136	51	38	11	4	5 212	5 763
Plasterers and cement finishers.....	724	101	134	83	92	106	73	73	56	6	5 478	6 077
Plumbers and pipe fitters.....	178	24	47	27	23	18	11	13	15	—	4 667	5 545
Other construction craftsmen.....	241	25	46	37	49	46	21	9	8	—	5 255	5 475
Foremen, n.e.c.....	559	—	7	39	103	69	83	151	44	14	7 151	7 292
Manufacturing.....	188	9	47	10	50	14	27	50	20	10	7 481	7 648
Nonmanufacturing industries.....	371	9	40	29	53	55	56	101	24	4	6 991	7 100
Linemen and servicemen, telephone and power.....	164	16	28	39	15	18	17	19	12	—	4 974	6 188
Locomotive engineers and firemen.....	36	5	3	—	7	—	5	—	—	—	...	...
Mechanics and repairmen.....	2 058	171	269	300	353	281	271	232	154	27	5 819	6 044
Air conditioning, heating, and refrigeration.....	84	10	9	11	15	12	19	8	—	—	...	...
Aircraft.....	297	5	5	28	30	31	39	74	80	5	8 284	8 017
Automobile, including body.....	973	88	144	142	208	131	114	89	41	16	5 541	5 609
Radio and television.....	58	20	22	—	6	10	—	—	—	—	...	...
Other mechanics and repairmen.....	646	48	89	119	94	97	99	61	33	6	5 713	6 189
Metal craftsmen, except mechanics.....	253	22	48	26	52	48	27	24	6	—	5 587	5 932
Machinists and job and die setters.....	163	10	27	15	28	26	27	24	6	—	6 058	6 173
Sheetmetal workers and tinsmiths.....	18	—	4	6	8	—	—	—	—	—	...	...
Tool and die makers.....	6	—	—	—	—	6	—	—	—	—	...	...
Other metal craftsmen.....	66	12	17	5	16	16	—	—	—	—	...	...
Printing craftsmen.....	305	11	59	59	38	51	47	25	15	—	5 618	6 054
Compositors and typesetters.....	131	7	39	21	11	21	13	4	15	—	4 929	...
Pressmen and plate printers, printing.....	163	4	16	38	27	30	34	14	—	—	5 870	5 979
Stationary engineers and power station operators.....	48	7	7	4	6	15	9	—	—	—	...	...
Other craftsmen and kindred workers.....	1 849	228	474	280	294	186	193	115	71	8	4 795	5 231

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

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

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

ATLANTA SMSA—Continued

Negro—Continued

Experienced civilian labor force—Continued

	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	\$1 to \$1,999 or less	\$2,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$7,999	\$8,000 to \$9,999	\$10,000 to \$14,999	\$15,000 or more	All earners	Earners worked 50 to 52 weeks
<b>Operatives, except transport</b> .....	10 577	1 186	1 981	1 613	1 830	1 387	1 010	1 104	417	49	5 278	5 679
Assemblers.....	1 776	121	203	156	238	323	226	354	151	4	6 526	7 063
Checkers, examiners, and inspectors; manufacturing.....	373	5	41	26	76	51	71	64	39	—	6 755	6 793
Garage workers and gas station attendants.....	558	168	108	84	102	31	39	20	6	—	4 036	5 092
Laundry and drycleaning operatives, n.e.c.....	219	37	97	36	23	26	—	—	—	—	3 495	3 915
Meat cutters and butchers.....	175	4	38	16	31	34	28	24	—	—	5 952	6 324
Mine operatives, n.e.c.....	29	10	—	6	7	6	—	—	—	—	—	—
Packers and wrappers, except produce.....	708	113	169	108	103	116	45	43	11	—	4 667	5 118
Painters, manufactured articles.....	182	16	38	41	21	10	7	31	12	6	4 902	5 619
Precision machine operatives.....	111	16	9	12	12	19	21	11	11	—	6 342	—
Sawyers.....	63	—	21	19	—	—	19	4	—	—	—	—
Stationary firemen.....	59	3	5	15	8	14	7	7	—	—	—	—
Textile operatives.....	177	46	59	21	37	—	5	9	—	—	3 441	—
Welders and flamecutters.....	521	32	45	76	108	105	43	101	11	—	5 995	6 244
Other metalworking operatives.....	248	26	55	34	54	13	29	32	5	—	5 167	5 488
Other specified operatives.....	2 237	252	543	443	389	282	126	146	51	5	4 730	5 142
Miscellaneous and not specified operatives.....	3 141	337	550	520	621	357	344	258	120	34	5 263	5 687
Occupation:												
Machine operatives, miscellaneous specified.....	1 161	105	169	207	222	170	140	86	46	16	5 448	5 825
Machine operatives, not specified.....	933	96	193	129	245	87	89	82	12	—	5 198	5 417
Miscellaneous operatives.....	726	104	133	149	103	66	64	53	36	18	4 846	5 662
Not specified operatives.....	321	32	55	35	51	34	51	37	26	—	5 755	6 500
<b>Industry:</b>												
Manufacturing.....	2 261	234	403	364	439	233	253	208	115	12	5 295	5 760
Durable goods.....	1 150	117	169	121	239	140	138	118	96	12	5 703	6 385
Wood products, including furniture.....	148	61	20	22	26	15	4	—	—	—	3 300	—
Primary metal industries.....	210	13	43	39	56	27	22	10	—	—	5 179	—
Fabricated metal industries.....	81	—	5	10	26	18	13	9	—	—	—	—
Machinery, including electrical.....	91	—	16	5	32	14	9	10	—	—	—	—
Motor vehicles and equipment.....	149	5	14	11	21	28	33	23	14	—	6 839	6 964
Transportation equipment, except motor vehicles.....	207	7	7	5	19	—	40	61	61	7	8 836	9 054
Other durable goods.....	264	31	64	29	59	38	17	5	16	5	5 136	5 564
Nondurable goods.....	1 096	117	229	237	196	93	115	90	19	—	4 852	5 183
Food and kindred products.....	364	56	76	91	23	49	46	23	—	—	4 549	4 804
Apparel and other fabricated textile products.....	10	—	4	—	6	—	—	—	—	—	—	—
Paper and allied products.....	435	56	82	58	113	31	36	55	4	—	5 190	5 464
Chemicals and allied products.....	117	—	22	25	31	5	23	6	5	—	5 371	5 519
Other nondurable goods.....	170	5	45	63	23	8	10	6	10	—	4 556	4 859
Not specified manufacturing industries.....	15	—	5	—	4	—	—	—	—	—	—	—
Nonmanufacturing industries.....	880	103	147	156	182	124	91	50	5	22	5 187	5 492
Transportation, communications, and other public utilities.....	107	14	12	21	10	15	20	10	5	—	5 650	—
Wholesale and retail trade.....	402	49	59	74	110	47	42	10	—	11	5 173	5 354
All other industries.....	371	40	76	61	62	62	29	30	—	11	5 137	5 929
<b>Transport equipment operatives</b> .....	7 756	775	1 691	1 452	1 346	926	711	628	216	11	4 972	5 360
Bus drivers.....	234	17	70	26	31	22	25	22	21	—	5 129	5 960
Taxicab drivers and chauffeurs.....	547	97	191	57	113	34	22	28	5	—	3 848	4 317
Truck drivers and deliverymen.....	4 847	409	984	1 013	801	616	453	443	124	4	5 022	5 436
Other transport equipment operatives.....	2 128	252	446	356	401	254	211	135	66	7	5 025	5 352
<b>Laborers, except farm</b> .....	10 401	2 003	2 750	1 787	1 694	1 131	609	329	77	21	4 250	4 895
Construction laborers.....	2 392	432	575	488	439	255	124	55	15	9	4 387	5 022
Freight, stock, and material handlers.....	3 662	485	875	615	672	481	299	194	34	7	4 766	5 298
Other specified laborers.....	3 079	863	945	466	356	292	71	65	16	5	3 432	4 199
Miscellaneous and not specified laborers.....	1 268	223	355	218	227	103	115	15	12	—	4 257	4 954
Occupation:												
Miscellaneous laborers.....	313	41	91	49	64	32	30	6	—	—	4 500	5 058
Not specified laborers.....	955	182	264	169	163	71	85	9	12	—	4 186	4 912
<b>Industry:</b>												
Manufacturing.....	383	60	96	72	89	19	43	4	—	—	4 493	5 226
Durable goods.....	197	13	55	44	62	8	15	—	—	—	4 693	—
Wood products, including furniture.....	31	—	7	16	8	—	—	—	—	—	—	—
Metal industries.....	103	10	32	23	30	8	—	—	—	—	4 413	—
Machinery, including electrical.....	10	—	6	—	—	—	—	—	—	—	—	—
Transportation equipment.....	26	3	10	—	3	—	10	—	—	—	—	—
Other durable goods.....	27	—	—	5	17	—	5	—	—	—	—	—
Nondurable goods.....	186	47	41	28	27	11	28	4	—	—	4 179	5 295
Food and kindred products.....	105	36	24	—	—	—	19	4	—	—	3 375	—
Not specified manufacturing industries.....	—	—	—	—	—	—	—	—	—	—	—	—
Nonmanufacturing industries.....	885	163	259	146	138	84	72	11	12	—	4 140	4 840
Railroads and railway express service.....	111	8	11	17	38	16	21	—	—	—	5 513	—
Transportation, except railroads.....	98	4	32	14	19	13	16	—	—	—	—	—
Communications, and utilities and sanitary services.....	166	35	45	34	21	18	13	—	—	—	4 088	4 350
Wholesale and retail trade.....	233	33	76	41	29	14	22	11	7	—	4 183	4 743
All other industries.....	277	83	95	40	31	23	—	—	5	—	3 168	4 362
<b>Farmers and farm managers</b> .....	107	57	15	7	12	6	5	—	5	—	1 877	—
<b>Farm laborers and farm foremen</b> .....	393	210	111	26	11	21	—	4	10	—	1 871	2 281
Paid farm laborers and farm foremen.....	393	210	111	26	11	21	—	4	10	—	1 871	2 281
Unpaid family workers.....	—	—	—	—	—	—	—	—	—	—	—	—
<b>Service workers, except private household<sup>1</sup></b> .....	10 381	2 525	2 903	1 824	1 140	894	520	368	147	60	3 836	4 485
Cleaning service workers.....	5 073	1 137	1 451	1 085	606	362	213	160	45	14	3 929	4 433
Food service workers.....	2 172	674	664	258	187	177	99	70	24	19	3 241	4 274
Cooks, except private household.....	901	133	319	130	91	109	53	23	24	19	3 981	4 720
Busboys and dishwashers.....	451	280	114	27	16	6	4	—	—	—	1 611	3 103
Health service workers.....	324	59	116	72	24	20	33	—	—	—	3 776	4 460
Personal service workers.....	670	125	136	100	111	80	38	39	25	16	4 740	5 231
Protective service workers.....	709	119	122	71	70	134	79	54	49	11	5 607	6 195
Firemen, fire protection.....	176	34	15	21	30	41	18	5	12	—	5 600	6 000
Guards and watchmen.....	287	57	67	28	21	59	15	15	25	—	4 696	6 000
Policemen and detectives.....	241	28	40	22	14	34	46	34	12	11	6 485	6 706
<b>Private household workers</b> .....	328	139	156	18	6	4	5	—	—	—	2 321	2 854

<sup>1</sup>Includes allocated cases not shown separately.

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

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

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

AUGUSTA, GA.—S.C., SMSA

	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	\$1 to \$1,999 or less	\$2,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$7,999	\$8,000 to \$9,999	\$10,000 to \$14,999	\$15,000 or more	All earners	Earners worked 50 to 52 weeks
<b>Total</b>												
<b>Experienced civilian labor force</b>	<b>50 061</b>	<b>5 185</b>	<b>7 500</b>	<b>4 902</b>	<b>5 467</b>	<b>4 927</b>	<b>4 453</b>	<b>7 258</b>	<b>6 848</b>	<b>3 521</b>	<b>6 401</b>	<b>7 090</b>
<b>Professional, technical, and kindred workers</b>	<b>6 359</b>	<b>363</b>	<b>369</b>	<b>218</b>	<b>381</b>	<b>435</b>	<b>508</b>	<b>1 154</b>	<b>1 593</b>	<b>1 338</b>	<b>9 569</b>	<b>10 419</b>
Accountants	358	26	25	22	24	22	24	60	91	64	9 200	10 192
Architects	27	7	—	6	—	—	—	—	6	8	—	—
Computer specialists	116	—	4	—	4	—	5	23	76	4	11 447	11 908
Engineers	913	57	8	5	22	17	42	95	367	300	12 868	13 310
Aeronautical and astronautical	—	—	—	—	—	—	—	—	—	—	—	—
Civil	113	5	4	—	7	—	—	14	36	42	12 986	13 750
Electrical and electronic	142	—	—	—	—	5	10	15	81	31	12 531	12 840
Mechanical	120	—	4	—	5	6	12	19	45	29	11 556	11 889
Other engineers	538	52	—	5	10	6	15	47	205	198	13 268	13 763
Lawyers and judges	217	4	—	—	5	—	17	20	36	135	15000+	15000+
Life and physical scientists	345	9	14	21	—	9	—	42	127	123	13 051	13 648
Chemists	248	5	10	17	—	9	—	21	95	91	13 263	13 789
Physicians, dentists, and related practitioners	674	23	64	6	25	33	24	73	106	320	14 198	15000+
Dentists	91	11	5	—	—	—	—	5	15	55	—	—
Pharmacists	97	—	—	—	—	—	—	11	59	27	—	—
Physicians, medical and osteopathic	460	12	59	6	20	33	24	57	32	217	12 969	15000+
Other related practitioners	26	—	—	—	5	—	—	—	—	21	—	—
Health technologists and technicians	132	11	15	9	10	12	10	49	11	5	7 900	—
Religious workers	282	17	16	25	54	60	43	42	21	4	6 483	6 542
Social scientists	36	—	—	—	—	—	11	5	15	5	—	—
Social and recreation workers	79	5	22	5	6	15	11	—	10	5	—	—
Teachers	914	35	49	31	54	76	107	236	220	106	8 890	9 799
College and university	268	6	12	—	—	11	18	31	94	96	12 979	14 033
Elementary and prekindergarten	155	11	8	6	39	18	34	23	11	5	6 750	—
Secondary	285	13	20	19	—	33	44	104	52	—	8 260	8 985
Engineering and science technicians	685	30	42	14	37	67	61	230	161	43	8 796	9 018
Draftsmen and surveyors	161	25	—	—	12	20	10	32	53	9	8 844	9 281
Electrical and electronic engineering technicians	82	5	6	—	—	17	17	27	10	—	—	—
Technicians, except health, and engineering and science	130	25	—	5	25	9	12	21	21	12	7 083	7 917
Airplane pilots	38	4	—	—	—	4	6	6	6	12	—	—
Writers, artists, and entertainers	513	49	52	45	62	30	56	79	92	48	7 330	8 367
Other professional, technical, and kindred workers	938	65	58	24	53	85	85	179	233	156	9 106	9 545
<b>Managers and administrators, except farm</b>	<b>5 327</b>	<b>258</b>	<b>248</b>	<b>174</b>	<b>371</b>	<b>412</b>	<b>501</b>	<b>858</b>	<b>1 367</b>	<b>1 138</b>	<b>9 631</b>	<b>9 930</b>
Buyers, purchasing agents, and sales managers	571	11	31	3	49	60	35	69	196	117	10 702	11 277
School administrators	125	—	6	—	—	—	17	17	65	20	11 731	—
Specified managers and administrators, public administration	314	11	—	12	21	33	16	71	117	33	9 803	9 817
Other specified managers and administrators	974	57	47	58	83	92	118	160	211	148	10 400	8 774
Managers and administrators, n.e.c., salaried	2 514	120	83	78	140	160	248	410	628	647	8 143	10 589
Manufacturing	667	19	12	—	14	20	44	77	171	305	14 167	14 561
Wholesale and retail trade	1 019	56	71	30	82	91	109	190	218	172	8 742	8 831
Transportation, communications, and other public utilities	200	—	—	5	21	28	50	49	41	—	9 600	9 756
All other industries	628	45	—	23	38	28	67	93	190	129	10 132	10 761
Managers and administrators, n.e.c., self-employed	829	59	81	38	78	67	67	131	150	173	8 603	8 793
Construction	153	10	19	6	—	7	11	44	28	28	9 068	10 446
Manufacturing	40	—	9	—	—	—	—	16	15	—	—	—
Wholesale and retail trade	450	27	37	17	56	49	43	54	49	118	7 907	7 930
All other industries	186	22	16	—	22	11	13	33	57	12	8 545	8 394
<b>Sales workers</b>	<b>3 495</b>	<b>387</b>	<b>296</b>	<b>258</b>	<b>370</b>	<b>291</b>	<b>316</b>	<b>487</b>	<b>702</b>	<b>388</b>	<b>7 460</b>	<b>8 325</b>
Insurance agents, brokers, and underwriters	522	23	27	15	74	70	70	116	81	46	7 743	8 207
Real estate agents and brokers	220	5	11	14	5	10	10	14	60	91	13 417	13 583
Sales representatives, manufacturing industries	290	15	11	—	14	5	57	60	105	23	9 433	9 875
Sales representatives, wholesale trade	576	37	11	30	85	43	50	79	176	65	8 810	9 522
Sales clerks, retail trade	840	179	151	115	101	61	29	81	76	47	4 783	5 793
Salesmen, retail trade	476	44	28	37	43	73	39	44	131	37	7 333	7 923
Salesmen of services and construction	97	14	8	—	5	9	16	19	9	8	—	—
Other sales workers	474	70	49	38	43	20	45	74	64	71	7 378	8 086
<b>Clerical and kindred workers</b>	<b>3 414</b>	<b>394</b>	<b>410</b>	<b>349</b>	<b>353</b>	<b>424</b>	<b>404</b>	<b>599</b>	<b>379</b>	<b>102</b>	<b>6 474</b>	<b>6 999</b>
Bank tellers and cashiers	145	60	46	6	15	—	4	—	10	4	2 543	—
Bookkeepers and billing clerks	252	11	27	32	38	26	16	51	41	10	6 692	7 045
Mail handlers and postal clerks	387	23	8	11	30	49	104	127	35	—	7 697	7 803
Other clerical and kindred workers	2 630	300	329	300	270	349	280	421	293	88	6 332	6 786
<b>Craftsmen and kindred workers</b>	<b>11 871</b>	<b>699</b>	<b>1 462</b>	<b>1 150</b>	<b>1 265</b>	<b>1 271</b>	<b>1 297</b>	<b>2 382</b>	<b>1 921</b>	<b>424</b>	<b>7 068</b>	<b>7 582</b>
Apparel craftsmen and upholsterers	59	31	10	7	6	5	—	—	—	—	—	—
Bakers	62	19	—	17	—	—	7	4	—	—	—	—
Cabinetmakers	59	—	15	20	10	—	14	—	—	—	—	—
Construction craftsmen	3 444	264	670	358	456	384	293	563	381	75	5 943	6 752
Carpenters	977	91	231	115	134	134	74	129	60	9	5 384	6 217
Excavating, grading, and road machine operators	257	16	67	25	25	16	40	57	11	—	5 820	6 781
Electricians	592	24	39	33	64	75	36	174	123	24	8 287	8 373
Masons and tile setters	385	45	83	34	80	44	42	37	12	8	5 381	6 000
Painters, construction and maintenance, and paperhangers	425	46	103	85	62	31	24	37	16	21	4 747	5 194
Plasterers and cement finishers	41	—	—	10	5	12	4	10	—	—	—	—
Plumbers and pipe fitters	550	23	79	39	57	64	48	87	140	13	7 271	7 788
Other construction craftsmen	217	19	68	17	29	8	25	32	19	—	5 155	5 118
Foremen, n.e.c.	2 099	50	33	115	92	156	204	558	697	194	9 432	9 594
Manufacturing	1 399	24	9	60	39	114	106	390	524	133	9 782	9 861
Nonmanufacturing industries	700	26	24	55	53	42	98	168	173	61	8 619	8 960
Linemen and servicemen, telephone and power	393	17	35	23	44	30	48	92	93	11	7 990	8 302
Locomotive engineers and firemen	62	—	—	6	—	8	—	9	29	10	—	—
Mechanics and repairmen	3 102	175	369	349	362	421	428	641	314	43	6 703	7 037
Air conditioning, heating, and refrigeration	245	9	41	35	9	29	28	62	24	6	6 983	7 518
Aircraft	6	—	—	—	—	—	—	—	6	—	—	—
Automobile, including body	954	110	170	136	95	118	112	104	78	31	5 642	6 204
Radio and television	140	13	20	16	18	37	14	17	5	—	6 081	6 284
Other mechanics and repairmen	1 757	43	138	162	240	237	274	458	199	6	7 214	7 442
<b>Metal craftsmen, except mechanics</b>	<b>632</b>	<b>18</b>	<b>29</b>	<b>29</b>	<b>71</b>	<b>62</b>	<b>87</b>	<b>201</b>	<b>125</b>	<b>10</b>	<b>8 199</b>	<b>8 355</b>
Machinists and job and die setters	343	18	29	24	28	25	63	117	39	—	7 754	8 018
Sheetmetal workers and tinsmiths	139	—	—	—	38	17	11	32	36	5	8 219	8 565
Tool and die makers	16	—	—	—	—	5	5	—	6	—	—	—
Other metal craftsmen	134	—	—	5	5	15	8	52	44	5	9 308	—
<b>Printing craftsmen</b>	<b>206</b>	<b>29</b>	<b>9</b>	<b>11</b>	<b>11</b>	<b>22</b>	<b>30</b>	<b>14</b>	<b>75</b>	<b>5</b>	<b>7 700&lt;/</b>	

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	\$1 to \$1,999 or loss	\$2,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$7,999	\$8,000 to \$9,999	\$10,000 to \$14,999	\$15,000 or more	All earners	Earners worked 50 to 52 weeks
<b>AUGUSTA, GA.—S.C., SMSA—Continued</b>												
<b>Total—Continued</b>												
<b>Experienced civilian labor force—Continued</b>												
<b>Operatives, except transport</b>	8 156	768	1 431	1 194	1 341	1 005	751	1 121	502	43	5 511	5 944
Assemblers	141	24	33	4	10	33	21	10	6	—	5 950	6 268
Checkers, examiners, and inspectors, manufacturing	279	3	29	30	41	18	41	69	48	—	7 451	7 764
Garage workers and gas station attendants	394	179	53	60	48	24	6	4	20	—	2 679	4 482
Laundry and drycleaning operatives, n.e.c.	93	33	37	5	18	—	—	—	—	—	—	—
Meat cutters and butchers	278	45	42	30	49	48	28	25	5	6	5 449	5 789
Mine operatives, n.e.c.	98	18	31	26	17	—	6	—	—	—	—	—
Packers and wrappers, except produce	288	29	87	60	26	43	32	11	—	—	4 467	4 848
Painters, manufactured articles	65	5	17	9	5	10	6	9	—	—	—	—
Precision machine operatives	66	—	11	14	4	27	6	4	—	—	—	—
Sawyers	53	5	26	8	14	—	—	—	—	—	—	—
Stationary firemen	107	—	12	22	12	5	11	40	5	—	7 227	—
Textile operatives	2 001	86	294	441	512	342	185	107	34	—	5 351	5 645
Welders and flamecutters	444	34	36	47	37	50	60	91	89	—	7 300	7 611
Other metalworking operatives	112	6	17	—	19	20	20	19	11	—	6 700	—
Other specified operatives	1 585	156	347	204	219	201	140	242	65	11	5 390	5 923
Miscellaneous and not specified operatives	2 152	145	359	234	310	184	189	490	219	22	6 152	6 843
<b>Occupation:</b>												
Machine operatives, miscellaneous specified	757	38	144	87	87	57	60	184	91	9	6 395	6 868
Machine operatives, not specified	642	35	88	58	102	90	63	137	65	4	6 422	6 792
Miscellaneous operatives	539	56	94	73	86	26	49	117	38	—	5 541	6 615
Not specified operatives	214	16	33	16	35	11	17	52	25	9	6 636	7 538
<b>Industry:</b>												
Manufacturing	1 816	78	284	192	253	163	167	455	208	16	6 620	7 162
Durable goods	614	40	173	105	108	78	42	39	25	4	4 895	5 355
Wood products, including furniture	5	—	—	—	—	—	—	—	—	—	—	—
Primary metal industries	10	—	6	—	—	—	—	4	—	—	—	—
Fabricated metal industries	47	8	11	5	12	—	—	5	6	—	—	—
Machinery, including electrical	12	—	—	—	—	6	—	—	—	—	—	—
Motor vehicles and equipment	6	—	7	—	—	—	—	—	—	—	—	—
Transportation equipment, except motor vehicles	1	—	—	—	—	—	—	—	—	—	—	—
Other durable goods	483	26	131	84	80	67	42	30	19	4	5 006	5 500
Nondurable goods	1 196	38	105	87	145	85	125	416	183	12	8 063	8 228
Food and kindred products	132	19	53	12	34	6	5	3	—	—	3 774	3 848
Apparel and other fabricated textile products	32	5	8	15	4	—	—	—	—	—	—	—
Paper and allied products	473	9	22	40	55	40	63	125	112	7	8 120	8 433
Chemicals and allied products	523	5	22	16	47	32	50	275	71	5	8 651	8 648
Other nondurable goods	36	—	—	4	5	7	7	13	—	—	—	—
Not specified manufacturing industries	6	—	6	—	—	—	—	—	—	—	—	—
Nonmanufacturing industries	336	67	75	42	57	21	22	35	11	6	4 619	5 385
Transportation, communications, and other public utilities	76	19	4	10	19	5	—	14	5	—	—	—
Wholesale and retail trade	106	27	26	4	17	16	—	10	—	6	4 000	—
All other industries	154	21	45	28	21	—	22	11	6	—	4 393	4 727
<b>Transport equipment operatives</b>	3 067	353	826	426	481	369	219	246	128	19	4 832	5 260
Bus drivers	203	80	35	6	33	13	5	26	5	—	3 229	5 614
Taxicab drivers and chauffeurs	182	43	61	32	5	41	—	—	—	—	3 574	4 212
Truck drivers and deliverymen	2 197	204	616	315	368	270	155	158	92	19	4 884	5 285
Other transport equipment operatives	485	26	114	73	75	45	59	62	31	—	5 393	5 410
<b>Laborers, except farm</b>	3 245	916	1 031	496	324	173	148	87	50	20	3 371	4 204
Construction laborers	519	116	196	87	31	20	23	15	15	16	3 464	4 339
Freight, stock, and material handlers	1 271	368	384	208	143	69	49	31	19	—	3 393	4 229
Other specified laborers	897	312	271	109	90	44	37	25	5	4	3 007	3 813
Miscellaneous and not specified laborers	558	120	180	92	60	40	39	16	11	—	3 767	4 534
<b>Occupation:</b>												
Miscellaneous laborers	166	30	52	30	21	10	17	6	—	—	4 033	4 542
Not specified laborers	392	90	128	62	39	30	22	10	11	—	3 656	4 530
<b>Industry:</b>												
Manufacturing	302	50	75	59	44	29	33	6	6	—	4 441	5 023
Durable goods	137	19	53	31	13	4	11	—	6	—	3 868	—
Wood products, including furniture	22	—	7	5	4	—	6	—	—	—	—	—
Metal industries	15	—	5	4	—	—	—	—	6	—	—	—
Machinery, including electrical	5	—	5	—	—	—	—	—	—	—	—	—
Transportation equipment	11	—	11	—	—	—	—	—	—	—	—	—
Other durable goods	84	19	25	22	9	4	5	—	—	—	—	—
Nondurable goods	165	31	22	28	31	25	22	6	—	—	5 048	5 790
Food and kindred products	26	7	7	6	6	—	—	—	—	—	—	—
Not specified manufacturing industries	—	—	—	—	—	—	—	—	—	—	—	—
Nonmanufacturing industries	256	70	105	33	16	11	6	10	5	—	3 105	3 767
Railroads and railway express service	34	—	—	—	7	11	6	5	5	—	—	—
Transportation, except railroads	14	5	—	4	—	—	—	5	—	—	—	—
Communications, and utilities and sanitary services	50	15	29	6	—	—	—	—	—	—	—	—
Wholesale and retail trade	65	13	45	7	—	—	—	—	—	—	—	—
All other industries	93	37	31	16	9	—	—	—	—	—	—	—
<b>Farmers and farm managers</b>	317	92	96	23	21	20	5	7	37	16	3 385	3 614
<b>Farm laborers and farm foremen</b>	364	162	133	5	15	10	8	22	9	—	2 301	2 835
Paid farm laborers and farm foremen	359	162	128	5	15	10	8	22	9	—	2 273	2 826
Unpaid family workers	5	—	5	—	—	—	—	—	—	—	—	—
<b>Service workers, except private household<sup>1</sup></b>	4 383	756	1 198	593	540	517	296	290	160	33	4 401	5 075
Cleaning service workers	1 303	301	536	175	150	62	32	38	9	—	3 308	3 762
Food service workers	601	289	190	79	49	45	11	18	—	—	2 963	4 008
Cooks, except private household	303	89	97	51	27	19	11	9	—	—	3 289	4 216
Busboys and dishwashers	58	38	20	—	—	—	—	—	—	—	—	—
Health service workers	532	24	129	58	64	141	74	22	20	—	5 859	6 081
Personal service workers	551	131	135	122	52	32	31	25	23	—	4 078	4 636
Protective service workers	1 043	27	97	143	175	225	112	142	89	33	6 353	6 512
Firemen, fire protection	140	—	6	9	23	51	15	27	4	5	6 627	6 750
Guards and watchmen	516	19	82	113	94	64	48	59	31	6	5 468	5 628
Policemen and detectives	300	—	4	17	38	92	44	39	44	22	6 989	7 064
<b>Private household workers</b>	63	37	—	16	5	—	—	—	5	—	—	—

<sup>1</sup>Includes allocated cases not shown separately.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	\$1 to \$1,999 or less	\$2,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$7,999	\$8,000 to \$9,999	\$10,000 to \$14,999	\$15,000 or more	All earners	Earners worked 50 to 52 weeks
<b>AUGUSTA, GA.—S.C., SMSA—Continued</b>												
<b>Negro</b>												
<b>Experienced civilian labor force</b>	11 931	1 922	3 967	2 249	1 555	984	518	525	183	28	4 034	4 424
<b>Professional, technical, and kindred workers</b>	578	68	62	68	48	67	86	113	59	7	6 642	7 173
Accountants	14	6	5	—	—	—	—	—	3	—	—	—
Architects	—	—	—	—	—	—	—	—	—	—	—	—
Computer specialists	—	—	—	—	—	—	—	—	—	—	—	—
Engineers	11	—	—	—	—	—	—	6	5	—	—	—
Aeronautical and astronautical	—	—	—	—	—	—	—	—	—	—	—	—
Civil	—	—	—	—	—	—	—	—	—	—	—	—
Electrical and electronic	—	—	—	—	—	—	—	—	—	—	—	—
Mechanical	—	—	—	—	—	—	—	—	—	—	—	—
Other engineers	11	—	—	—	—	—	—	6	5	—	—	—
Lawyers and judges	4	—	—	—	—	—	—	—	—	4	—	—
Life and physical scientists	9	—	—	6	—	—	—	—	3	—	—	—
Chemists	9	—	—	6	—	—	—	—	3	—	—	—
Physicians, dentists, and related practitioners	5	—	5	—	—	—	—	—	—	—	—	—
Dentists	—	—	—	—	—	—	—	—	—	—	—	—
Pharmacists	—	—	—	—	—	—	—	—	—	—	—	—
Physicians, medical and osteopathic	5	—	5	—	—	—	—	—	—	—	—	—
Other related practitioners	—	—	—	—	—	—	—	—	—	—	—	—
Health technologists and technicians	24	5	—	2	—	7	5	5	—	—	—	—
Religious workers	34	17	3	14	—	—	—	—	—	—	—	—
Social scientists	—	—	—	—	—	—	—	—	—	—	—	—
Social and recreation workers	11	—	6	5	—	—	—	—	—	—	—	—
Teachers	217	6	14	6	29	34	43	55	30	—	7 453	—
College and university	25	—	—	—	—	11	—	—	14	—	—	—
Elementary and prekindergarten	82	—	—	—	29	9	19	18	7	—	—	—
Secondary	86	6	9	—	—	14	24	24	9	—	—	—
Engineering and science technicians	57	—	—	10	7	10	—	27	—	3	—	—
Draftsmen and surveyors	—	—	—	—	—	—	—	—	—	—	—	—
Electrical and electronic engineering technicians	4	—	—	—	—	4	—	—	—	—	—	—
Technicians, except health, and engineering and science	11	6	—	—	—	—	—	5	—	—	—	—
Airplane pilots	—	—	—	—	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	105	20	14	21	12	8	12	12	6	—	4 881	—
Other professional, technical, and kindred workers	76	8	15	4	—	8	26	3	12	—	—	—
<b>Managers and administrators, except farm</b>	298	22	33	24	31	53	21	61	36	17	6 736	6 744
Buyers, purchasing agents, and sales managers	24	—	—	—	—	19	—	—	—	5	—	—
School administrators	46	—	—	—	—	—	10	13	23	—	—	—
Specified managers and administrators, public administration	32	—	—	12	8	8	—	4	—	—	—	—
Other specified managers and administrators	68	12	11	5	8	10	—	12	6	4	—	—
Managers and administrators, n.e.c., salaried	51	—	12	—	10	4	11	7	7	—	—	—
Manufacturing	3	—	3	—	—	—	—	—	—	—	—	—
Wholesale and retail trade	37	—	9	—	10	—	11	7	—	—	—	—
Transportation, communications, and other public utilities	4	—	—	—	—	4	—	—	—	—	—	—
All other industries	7	—	—	—	—	—	—	—	7	—	—	—
Managers and administrators, n.e.c., self-employed	77	10	10	7	5	12	—	25	—	8	—	—
Construction	29	5	10	—	—	3	—	11	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—
Wholesale and retail trade	39	—	—	7	5	9	—	14	—	4	—	—
All other industries	9	5	—	—	—	—	—	—	—	4	—	—
<b>Sales workers</b>	122	20	30	25	22	—	5	6	14	—	4 440	—
Insurance agents, brokers, and underwriters	4	—	—	—	—	—	—	—	4	—	—	—
Real estate agents and brokers	9	—	5	—	—	—	—	—	4	—	—	—
Sales representatives, manufacturing industries	11	—	7	—	4	—	—	—	—	—	—	—
Sales representatives, wholesale trade	17	—	—	—	—	—	5	6	6	—	—	—
Sales clerks, retail trade	64	10	16	25	13	—	—	—	—	—	—	—
Salesmen, retail trade	—	—	—	—	—	—	—	—	—	—	—	—
Salesmen of services and construction	—	—	—	—	—	—	—	—	—	—	—	—
Other sales workers	17	10	2	—	5	—	—	—	—	—	—	—
<b>Clerical and kindred workers</b>	506	74	130	124	65	61	37	9	6	—	4 395	4 757
Bank tellers and cashiers	8	2	6	—	—	—	—	—	—	—	—	—
Bookkeepers and billing clerks	21	6	—	3	5	—	7	—	—	—	—	—
Mail handlers and postal clerks	56	4	5	—	—	18	12	6	—	—	—	—
Other clerical and kindred workers	421	62	119	115	55	43	18	3	6	—	4 257	4 554
<b>Craftsmen and kindred workers</b>	2 056	239	597	453	306	223	87	115	36	—	4 424	4 719
Apparel craftsmen and upholsters	33	20	6	7	—	—	—	—	—	—	—	—
Bakers	40	—	14	17	9	—	—	—	—	—	—	—
Cabinetmakers	6	—	—	—	—	—	—	—	—	—	—	—
Construction craftsmen	849	133	284	119	127	79	39	56	12	—	4 063	4 778
Carpenters	177	44	51	18	29	14	7	14	—	—	3 745	5 190
Excavating, grading, and road machine operators	103	11	37	21	15	10	4	5	—	—	4 167	—
Electricians	22	6	5	—	—	11	—	—	—	—	—	—
Masons and tile setters	223	30	50	29	41	25	19	22	7	—	5 061	5 780
Painters, construction and maintenance, and paperhangers	105	16	38	28	18	—	—	—	5	—	3 921	—
Plasterers and cement finishers	37	—	—	6	5	12	4	10	—	—	—	—
Plumbers and pipe fitters	57	7	47	—	—	3	—	—	—	—	—	—
Other construction craftsmen	125	19	56	17	19	4	5	5	—	—	3 554	—
Foremen, n.e.c.	158	—	—	51	35	32	12	21	7	—	5 800	5 931
Manufacturing	104	—	—	33	19	24	12	9	7	—	6 000	—
Nonmanufacturing industries	54	—	—	18	16	8	—	12	—	—	—	—
Linemen and servicemen, telephone and power	23	7	7	—	4	5	—	—	—	—	—	—
Locomotive engineers and firemen	10	—	—	6	—	4	—	—	—	—	—	—
Mechanics and repairmen	496	42	136	158	56	56	18	22	8	—	4 443	4 553
Air conditioning, heating, and refrigeration	24	—	13	11	—	—	—	—	—	—	—	—
Aircraft	—	—	—	—	—	—	—	—	—	—	—	—
Automobile, including body	205	33	64	64	11	13	5	11	4	—	4 086	4 237
Radio and television	36	—	—	11	4	21	—	—	—	—	—	—
Other mechanics and repairmen	231	9	59	72	41	22	13	11	4	—	4 660	4 746
<b>Metal craftsmen, except mechanics</b>	51	—	16	12	15	4	4	—	—	—	—	—
Machinists and job and die setters	38	—	16	12	6	4	—	—	—	—	—	—
Sheetmetal workers and tinsmiths	8	—	—	—	4	—	4	—	—	—	—	—
Tool and die makers	—	—	—	—	—	—	—	—	—	—	—	—
Other metal craftsmen	5	—	—	—	5	—	—	—	—	—	—	—
<b>Printing craftsmen</b>	—	—	—	—	—	—	—	—	—	—	—	—
Compositors and typesetters	—	—	—	—	—	—	—	—	—	—	—	—
Pressmen and plate printers, printing	—	—	—	—	—	—	—	—	—	—	—	—
Stationary engineers and power station operators	13	—	4	—	—	—	—	—	—	—	—	—
Other craftsmen and kindred workers	377	37	124	83	60	43	14	9	9	—	4 331	4 576

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

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

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

AUGUSTA, GA.—S.C., SMSA—Continued

Negro—Continued

Experienced civilian labor force—Continued

	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	\$1 to \$1,999 or loss	\$2,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$7,999	\$8,000 to \$9,999	\$10,000 to \$14,999	\$15,000 or more	All earners	Earners worked 50 to 52 weeks
<b>Operatives, except transport</b> .....	<b>2 737</b>	<b>325</b>	<b>853</b>	<b>647</b>	<b>409</b>	<b>247</b>	<b>117</b>	<b>120</b>	<b>19</b>		<b>4 294</b>	<b>4 642</b>
Assemblers.....	40	7	7	4	10	6	6	—	—		...	...
Checkers, examiners, and inspectors; manufacturing.....	52	3	12	16	11	—	3	7	—		...	...
Garage workers and gas station attendants.....	101	38	18	20	13	8	—	4	—		3 389	...
Laundry and drycleaning operatives, n.e.c.....	75	19	37	5	14	—	—	—	—		...	...
Meat cutters and butchers.....	96	31	16	18	9	17	—	5	—		...	...
Mine operatives, n.e.c.....	80	13	31	26	10	—	—	—	—		...	...
Packers and wrappers, except produce.....	145	16	58	36	12	12	5	6	—		3 948	4 391
Painters, manufactured articles.....	8	—	4	4	—	—	—	—	—		...	...
Precision machine operatives.....	23	—	—	9	4	6	—	4	—		...	...
Sawyers.....	34	5	26	3	—	—	—	—	—		...	...
Stationary firemen.....	25	—	12	6	7	—	—	—	—		...	...
Textile operatives.....	636	38	141	225	96	76	38	10	12		4 618	4 831
Welders and flamecutters.....	65	11	7	20	16	5	6	—	—		...	...
Other metalworking operatives.....	29	—	8	—	6	5	5	—	—		...	...
Other specified operatives.....	532	97	214	101	39	37	12	32	—		3 579	4 063
Miscellaneous and not specified operatives.....	796	47	262	154	162	75	42	47	7		4 578	4 962
Occupation:												
Machine operatives, miscellaneous specified.....	304	14	117	64	46	25	14	24	—		4 328	4 458
Machine operatives, not specified.....	270	30	51	49	66	40	17	10	7		5 076	5 424
Miscellaneous operatives.....	162	3	66	33	36	10	6	8	—		4 364	4 833
Not specified operatives.....	60	—	28	8	14	—	5	5	—		...	...
<b>Industry:</b>												
<b>Manufacturing</b> .....	<b>704</b>	<b>43</b>	<b>215</b>	<b>144</b>	<b>140</b>	<b>75</b>	<b>37</b>	<b>43</b>	<b>7</b>		<b>4 653</b>	<b>5 027</b>
Durable goods.....	394	20	150	78	63	62	8	6	7		4 346	4 775
Wood products, including furniture.....	34	6	12	16	—	—	—	—	—		...	...
Primary metal industries.....	5	—	—	—	5	—	—	—	—		...	...
Fabricated metal industries.....	6	—	6	—	—	—	—	—	—		...	...
Machinery, including electrical.....	18	3	5	5	5	—	—	—	—		...	...
Motor vehicles and equipment.....	—	—	—	—	—	—	—	—	—		...	...
Transportation equipment, except motor vehicles.....	—	—	—	—	—	—	—	—	—		...	...
Other durable goods.....	331	11	127	57	53	62	8	6	7		4 482	5 071
Nondurable goods.....	304	23	59	66	77	13	29	37	—		5 052	5 292
Food and kindred products.....	96	19	43	12	22	—	—	—	—		...	...
Apparel and other fabricated textile products.....	12	—	3	9	—	—	—	—	—		...	...
Paper and allied products.....	106	4	4	25	33	5	26	9	—		5 606	...
Chemicals and allied products.....	73	—	9	16	17	8	3	20	—		...	...
Other nondurable goods.....	17	—	—	4	5	—	—	8	—		...	...
Not specified manufacturing industries.....	6	—	6	—	—	—	—	—	—		...	...
Nonmanufacturing industries.....	92	4	47	10	22	—	5	4	—		...	...
Transportation, communications, and other public utilities.....	8	—	4	—	4	—	—	—	—		...	...
Wholesale and retail trade.....	48	4	22	4	14	—	—	4	—		...	...
All other industries.....	36	—	21	6	4	—	5	—	—		...	...
<b>Transport equipment operatives</b> .....	<b>1 309</b>	<b>73</b>	<b>516</b>	<b>248</b>	<b>248</b>	<b>106</b>	<b>59</b>	<b>59</b>			<b>4 264</b>	<b>4 430</b>
Bus drivers.....	71	4	17	—	20	13	—	17	—		...	...
Taxicab drivers and chauffeurs.....	42	8	8	21	5	—	—	—	—		...	...
Truck drivers and deliverymen.....	962	58	423	169	174	62	52	24	—		4 000	4 357
Other transport equipment operatives.....	234	3	68	58	49	31	7	18	—		4 793	4 500
<b>Laborers, except farm</b> .....	<b>1 829</b>	<b>471</b>	<b>666</b>	<b>322</b>	<b>195</b>	<b>87</b>	<b>61</b>	<b>23</b>		<b>4</b>	<b>3 332</b>	<b>3 907</b>
Construction laborers.....	319	74	149	50	16	15	15	—	—		3 148	3 734
Freight, stock, and material handlers.....	628	140	227	139	88	22	4	8	—		3 533	4 068
Other specified laborers.....	555	212	164	60	52	28	25	10	—		2 799	3 456
Miscellaneous and not specified laborers.....	327	45	126	73	39	22	17	5	—		3 861	4 262
Occupation:												
Miscellaneous laborers.....	83	7	27	16	16	6	11	—	—		...	...
Not specified laborers.....	244	38	99	57	23	16	6	5	—		3 697	4 111
<b>Industry:</b>												
<b>Manufacturing</b> .....	<b>185</b>	<b>19</b>	<b>62</b>	<b>54</b>	<b>28</b>	<b>11</b>	<b>11</b>				<b>4 213</b>	<b>4 381</b>
Durable goods.....	112	15	47	26	13	—	11	—	—		3 745	...
Wood products, including furniture.....	22	—	7	5	4	—	6	—	—		...	...
Metal industries.....	9	—	5	—	—	—	—	—	—		...	...
Machinery, including electrical.....	5	—	5	—	—	—	—	—	—		...	...
Transportation equipment.....	11	—	11	—	—	—	—	—	—		...	...
Other durable goods.....	65	15	19	17	9	—	5	—	—		...	...
Nondurable goods.....	73	4	15	28	15	11	—	—	—		...	...
Food and kindred products.....	12	—	—	6	6	—	—	—	—		...	...
Not specified manufacturing industries.....	—	—	—	—	—	—	—	—	—		...	...
Nonmanufacturing industries.....	142	26	64	19	11	11	6	5	—		3 406	...
Railroads and railway express service.....	24	—	—	—	7	11	6	—	—		...	...
Transportation, except railroads.....	5	—	—	—	—	—	—	5	—		...	...
Communications, and utilities and sanitary services.....	14	—	14	—	—	—	—	—	—		...	...
Wholesale and retail trade.....	44	4	33	7	—	—	—	—	—		...	...
All other industries.....	55	22	17	12	4	—	—	—	—		...	...
<b>Farmers and farm managers</b> .....	<b>76</b>	<b>40</b>	<b>30</b>		<b>6</b>							
Farm laborers and farm foremen.....	235	131	94	5	—	5	—	—	—		1 794	2 017
Paid farm laborers and farm foremen.....	235	131	94	5	—	5	—	—	—		1 794	2 017
Unpaid family workers.....	—	—	—	—	—	—	—	—	—		—	—
<b>Service workers, except private household<sup>1</sup></b> .....	<b>2 127</b>	<b>422</b>	<b>956</b>	<b>317</b>	<b>220</b>	<b>135</b>	<b>45</b>	<b>19</b>	<b>13</b>		<b>3 342</b>	<b>3 687</b>
Cleaning service workers.....	998	214	509	145	87	24	12	7	—		3 120	3 410
Food service workers.....	345	96	126	53	30	30	6	4	—		3 214	3 929
Cooks, except private household.....	162	42	56	36	18	4	6	—	—		3 393	...
Busboys and dishwashers.....	38	23	15	—	—	—	—	—	—		...	...
Health service workers.....	276	—	106	44	47	54	17	8	—		4 727	4 864
Personal service workers.....	236	45	106	59	15	5	—	—	6		3 377	3 859
Protective service workers.....	104	13	19	16	28	16	7	—	7		5 179	...
Firemen, fire protection.....	—	—	—	—	—	—	—	—	—		...	...
Guards and watchmen.....	67	5	14	16	15	10	7	—	—		...	...
Police and detectives.....	26	—	—	—	13	6	—	—	7		...	...
<b>Private household workers</b> .....	<b>58</b>	<b>37</b>		<b>16</b>	<b>5</b>							

<sup>1</sup>Includes allocated cases not shown separately.



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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	\$1 to \$1,999 or less	\$2,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$7,999	\$8,000 to \$9,999	\$10,000 to \$14,999	\$15,000 or more	All earners	Earners worked 50 to 52 weeks
<b>CHATTANOOGA, TENN.—GA., SMSA</b>												
<b>Total</b>	<b>73 743</b>	<b>7 203</b>	<b>8 101</b>	<b>5 961</b>	<b>7 879</b>	<b>8 098</b>	<b>8 234</b>	<b>12 046</b>	<b>10 699</b>	<b>5 522</b>	<b>6 954</b>	<b>7 571</b>
<b>Experienced civilian labor force</b>												
Professional, technical, and kindred workers	8 934	558	515	220	497	718	910	1 498	2 350	1 668	9 401	10 164
Accountants	703	51	45	11	36	57	30	118	199	156	10 088	11 470
Architects	32	5	—	—	—	5	—	5	5	12	—	—
Computer specialists	231	14	22	13	—	15	31	51	80	5	8 804	9 471
Engineers	1 927	87	45	11	76	53	90	270	842	453	11 969	12 494
Aeronautical and astronautical	7	—	—	—	—	—	—	—	—	7	—	—
Civil	289	5	—	—	6	22	14	46	172	24	11 497	11 570
Electrical and electronic	527	19	7	4	9	—	25	61	223	179	13 105	13 476
Mechanical	256	4	10	—	6	—	6	15	132	83	13 295	13 648
Other engineers	848	59	28	7	55	31	45	148	315	160	10 810	11 772
Lawyers and judges	379	16	5	—	10	15	8	25	96	204	15000+	15000+
Life and physical scientists	190	5	12	7	—	6	25	44	63	28	9 818	10 088
Chemists	169	5	12	7	—	6	25	44	53	17	9 341	9 618
Physicians, dentists, and related practitioners	645	25	—	5	10	21	27	39	121	397	15000+	15000+
Dentists	125	10	—	—	5	—	—	—	12	98	15000+	15000+
Pharmacists	154	4	—	5	—	12	17	10	74	32	11 959	12 246
Physicians, medical and osteopathic	331	11	—	—	5	9	4	23	27	252	15000+	15000+
Other related practitioners	35	—	—	—	—	—	6	6	8	15	—	—
Health technologists and technicians	48	—	—	—	5	8	15	—	9	11	—	—
Religious workers	478	25	67	28	60	104	35	106	36	17	6 567	6 828
Social scientists	43	—	—	6	—	4	—	—	11	22	—	—
Social and recreation workers	114	19	12	4	5	9	19	23	16	7	7 421	—
Teachers	1 070	49	73	20	54	141	137	288	228	80	8 424	8 764
College and university	303	6	15	10	10	16	6	76	127	37	10 492	10 661
Elementary and prekindergarten	309	12	18	—	18	75	69	81	22	14	7 457	7 560
Secondary	377	20	25	10	14	45	52	126	68	17	8 357	8 686
Engineering and science technicians	1 252	97	83	41	124	168	257	250	188	44	7 440	7 766
Draftsmen and surveyors	717	54	66	28	65	98	174	105	113	14	7 273	7 574
Electrical and electronic engineering technicians	117	30	5	—	10	5	17	11	34	5	7 500	—
Technicians, except health, and engineering and science	67	—	—	—	16	5	13	4	20	9	—	—
Airplane pilots	13	—	—	—	5	—	—	4	—	4	—	—
Writers, artists, and entertainers	559	65	36	10	22	53	66	110	157	40	8 500	9 000
Other professional, technical, and kindred workers	1 196	100	115	64	79	54	157	165	279	183	8 352	9 554
Managers and administrators, except farm	8 709	261	327	206	428	551	776	1 493	2 397	2 270	10 652	11 030
Buyers, purchasing agents, and sales managers	927	17	21	19	48	73	88	160	292	209	10 642	11 165
School administrators	216	—	—	—	5	—	8	6	136	61	13 272	13 311
Specified managers and administrators, public administration	303	7	15	5	11	20	34	67	87	57	9 776	9 791
Other specified managers and administrators	1 642	80	63	40	128	96	134	273	502	326	10 070	10 630
Managers and administrators, n.e.c., salaried	4 319	82	145	96	161	255	382	834	1 123	1 241	10 911	11 216
Manufacturing	1 311	24	21	19	17	38	98	223	348	523	13 096	13 243
Wholesale and retail trade	1 426	28	51	59	120	120	155	351	256	286	9 026	9 159
Transportation, communications, and other public utilities	413	—	10	—	11	8	21	55	160	148	13 172	13 156
All other industries	1 169	30	63	18	13	89	108	205	359	284	10 815	11 246
Managers and administrators, n.e.c., self-employed	1 302	75	83	46	75	107	130	153	257	376	9 765	10 258
Construction	295	15	18	5	21	30	31	24	47	104	10 372	12 988
Manufacturing	113	—	15	—	11	—	9	13	18	47	12 361	—
Wholesale and retail trade	635	60	31	26	23	65	64	95	127	144	9 021	9 247
All other industries	259	—	19	15	20	12	26	21	65	81	11 269	11 083
Sales workers	5 460	590	418	246	424	502	495	892	1 176	717	8 123	8 851
Insurance agents, brokers, and underwriters	775	18	33	15	48	106	97	164	200	94	8 860	9 101
Real estate agents and brokers	250	26	36	10	18	11	5	21	70	53	9 810	10 346
Sales representatives, manufacturing industries	762	48	31	19	26	28	57	144	241	168	10 581	11 134
Sales representatives, wholesale trade	971	85	35	42	59	110	97	184	209	150	8 625	9 069
Sales clerks, retail trade	1 044	259	168	64	122	91	66	100	106	68	5 254	6 506
Salesmen, retail trade	765	51	79	55	71	106	75	132	116	80	7 273	7 879
Salesmen of services and construction	216	16	5	5	20	10	25	44	54	37	9 227	9 523
Other sales workers	677	87	31	36	60	40	73	103	180	67	8 223	9 082
Clerical and kindred workers	5 150	543	457	444	576	717	756	978	532	147	6 774	7 241
Bank tellers and cashiers	145	51	20	23	23	13	10	5	—	—	4 065	—
Bookkeepers and billing clerks	381	34	26	27	41	53	63	79	48	10	7 151	7 310
Mail handlers and postal clerks	636	11	16	34	40	69	155	243	60	8	7 955	8 144
Other clerical and kindred workers	3 988	447	395	360	472	582	528	651	424	129	6 550	7 025
Craftsmen and kindred workers	16 892	1 052	1 316	1 257	1 772	2 000	2 266	3 879	2 871	479	7 463	7 843
Apparel craftsmen and upholsterers	192	19	30	37	50	14	22	5	10	5	5 200	5 300
Bakers	77	29	4	10	10	5	19	—	—	—	—	—
Cabinetmakers	134	16	22	16	16	17	15	16	12	4	5 813	6 647
Construction craftsmen	4 056	379	480	270	468	505	446	825	620	63	6 853	7 688
Carpenters	1 030	158	120	98	140	140	121	168	66	19	5 993	7 260
Excavating, grading, and road machine operators	334	11	34	11	66	69	41	59	39	4	6 652	6 733
Electricians	891	37	50	25	42	80	118	267	260	12	8 700	8 951
Masons and tile setters	372	37	46	24	51	37	27	68	70	12	6 757	7 250
Painters, construction and maintenance, and paperhangers	432	73	115	41	58	47	32	51	10	5	4 683	5 726
Plasterers and cement finishers	102	7	28	—	14	12	12	23	6	—	6 167	—
Plumbers and pipe fitters	544	39	42	45	49	87	69	92	115	6	7 145	7 429
Other construction craftsmen	351	17	45	26	48	33	26	97	54	5	7 250	8 262
Foremen, n.e.c.	3 118	79	68	84	191	270	397	877	924	228	9 072	9 159
Manufacturing	2 284	42	38	65	154	198	319	645	678	145	9 011	9 076
Nonmanufacturing industries	834	37	30	19	37	72	78	232	246	83	9 241	9 390
Linemen and servicemen, telephone and power	425	7	37	27	40	14	43	133	124	—	8 669	8 959
Locomotive engineers and firemen	88	7	—	—	5	—	6	25	36	9	—	—
Mechanics and repairmen	3 662	143	319	307	490	523	544	801	468	67	7 090	7 345
Air conditioning, heating, and refrigeration	138	17	20	7	13	19	19	18	14	11	6 632	—
Aircraft	24	—	—	—	—	—	7	5	—	—	—	—
Automobile, including body	1 132	71	110	136	189	168	129	181	138	10	6 357	6 548
Radio and television	128	—	27	12	19	4	5	25	26	10	7 400	7 900
Other mechanics and repairmen	2 240	55	162	152	269	320	384	572	290	36	7 422	7 667
Metal craftsmen, except mechanics	2 021	70	68	138	220	329	324	571	301	—	7 573	7 673
Machinists and job and die setters	970	25	33	45	133	173	202	238	121	—	7 376	7 505
Sheetmetal workers and tinsmiths	207	13	5	18	23	17	18	68	45	—	8 279	8 038
Tool and die makers	114	—	5	5	6	5	23	53	17	—	8 491	8 453
Other metal craftsmen	730	32	25	70	58	134	81	212	118	—	7 568	7 760
Printing craftsmen	426	28	23	34	52	28	81	98	63	19	7 593	7 759
Compositors and typesetters	234	4	6	34	33	14	60	62	16	5	7 433	7 542
Pressmen and plate printers, printing	130	13	—	—	19	7	21	26	27	—	7 429	—
Stationary engineers and power station operators	232	13	5	12	11	11	27	73	66	14	9 014	9 345
Other craftsmen and kindred workers	2 461	262	260	322	219	284	342	455	247	70	6 590	7 125

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

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

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

CHATTANOOGA, TENN.—GA., SMSA—Continued

Total—Continued

Experienced civilian labor force—Continued

	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	\$1 to \$1,999 or less	\$2,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$7,999	\$8,000 to \$9,999	\$10,000 to \$14,999	\$15,000 or more	All earners	Earners worked 50 to 52 weeks
<b>Operatives, except transport</b>	13 177	1 267	1 787	1 646	2 229	1 890	1 790	1 924	569	75	5 847	6 382
Assemblers	435	40	50	39	71	60	84	52	39	—	6 292	7 032
Checkers, examiners, and inspectors; manufacturing	582	25	65	88	88	106	70	110	15	15	6 236	6 735
Garage workers and gas station attendants	643	156	148	85	103	50	49	31	16	5	4 206	5 170
Laundry and drycleaning operatives, n.e.c.	72	12	17	11	16	11	—	5	—	—	—	—
Meat cutters and butchers	265	40	60	17	29	51	33	29	6	—	5 534	6 163
Mine operatives, n.e.c.	28	—	—	—	4	11	5	6	—	—	—	—
Packers and wrappers, except produce	364	69	65	54	77	54	18	22	5	—	4 889	5 500
Painters, manufactured articles	146	5	20	14	28	18	10	45	6	—	6 333	7 200
Precision machine operatives	491	29	26	25	129	100	67	92	18	5	6 365	6 624
Sawyers	80	—	40	11	16	—	8	5	—	—	—	—
Stationary firemen	149	—	21	15	22	27	32	32	—	—	6 611	6 643
Textile operatives	2 098	142	313	386	364	231	276	336	43	7	5 571	6 089
Welders and flamecutters	1 563	66	126	133	200	285	303	288	148	14	6 900	7 247
Other metalworking operatives	479	75	78	70	65	60	42	59	30	—	5 254	5 898
Other specified operatives	2 470	316	410	281	439	322	291	291	96	24	5 519	6 066
Miscellaneous and not specified operatives	3 312	292	348	415	578	504	502	521	147	5	6 046	6 525
<b>Occupation:</b>												
Machine operatives, miscellaneous specified	1 258	93	130	102	235	178	203	217	100	—	6 388	6 753
Machine operatives, not specified	846	28	95	109	143	163	126	157	25	—	6 294	6 748
Miscellaneous operatives	868	114	100	173	125	129	103	102	17	5	5 376	5 958
Not specified operatives	340	57	23	31	75	34	70	45	5	—	5 787	6 647
<b>Industry:</b>												
<b>Manufacturing</b>	2 851	206	250	374	499	466	448	472	136	—	6 207	6 602
Durable goods	1 655	133	147	286	332	299	244	158	56	—	5 788	6 162
Wood products, including furniture	118	32	38	28	15	5	—	—	—	—	3 421	—
Primary metal industries	325	15	24	57	67	94	36	27	5	—	5 993	6 167
Fabricated metal industries	469	37	34	84	74	56	97	61	26	—	6 098	6 616
Machinery, including electrical	255	11	24	41	55	54	44	15	11	—	5 936	6 448
Motor vehicles and equipment	25	—	5	—	—	6	14	—	—	—	—	—
Transportation equipment, except motor vehicles	113	4	4	38	24	11	—	32	—	—	5 438	—
Other durable goods	350	34	18	38	97	73	53	23	14	—	5 876	6 000
Nondurable goods	1 175	73	103	88	161	167	199	309	75	—	6 973	7 237
Food and kindred products	253	27	37	32	47	48	35	17	10	—	5 649	6 229
Apparel and other fabricated textile products	23	—	11	7	—	—	5	—	—	—	—	—
Paper and allied products	265	25	29	25	30	56	40	44	16	—	6 420	6 412
Chemicals and allied products	542	16	17	13	58	59	101	229	49	—	8 061	8 215
Other nondurable goods	92	5	9	11	26	4	18	19	—	—	—	—
Not specified manufacturing industries	21	—	—	—	6	—	5	5	5	—	—	—
Nonmanufacturing industries	461	86	98	41	79	38	54	49	11	5	5 070	5 816
Transportation, communications, and other public utilities	68	—	10	—	6	9	15	28	—	—	—	—
Wholesale and retail trade	168	29	44	11	36	12	29	7	—	—	5 000	—
All other industries	225	57	44	30	37	17	10	14	11	5	4 383	5 338
<b>Transport equipment operatives</b>	5 113	362	664	650	855	709	619	678	493	83	6 036	6 382
Bus drivers	243	23	25	13	39	28	32	35	42	6	6 768	6 750
Taxicab drivers and chauffeurs	132	17	34	20	20	20	15	6	—	—	4 750	—
Truck drivers and deliverymen	3 375	229	454	396	546	438	429	439	372	72	6 143	6 471
Other transport equipment operatives	1 363	93	151	221	250	223	143	198	79	5	5 866	6 222
<b>Laborers, except farm</b>	4 650	1 206	1 166	686	514	443	232	242	116	45	3 919	4 994
Construction laborers	918	164	286	140	114	87	51	49	22	5	4 064	5 242
Freight, stock, and material handlers	1 469	496	323	225	151	105	63	58	25	23	3 477	4 655
Other specified laborers	1 240	428	261	157	115	90	59	62	51	17	3 471	4 842
Miscellaneous and not specified laborers	1 023	118	296	164	134	161	59	73	18	—	4 595	5 471
<b>Occupation:</b>												
Miscellaneous laborers	258	27	60	48	15	76	8	24	—	—	4 875	6 071
Not specified laborers	765	91	236	116	119	85	51	49	18	—	4 478	5 351
<b>Industry:</b>												
<b>Manufacturing</b>	678	68	177	107	105	126	45	44	6	—	4 879	5 569
Durable goods	456	37	154	67	78	88	19	13	—	—	4 552	5 366
Wood products, including furniture	52	6	46	—	—	—	—	—	—	—	—	—
Metal industries	291	15	76	34	67	76	10	13	—	—	5 306	5 652
Machinery, including electrical	58	10	16	11	6	6	9	—	—	—	—	—
Transportation equipment	9	6	—	—	3	—	—	—	—	—	—	—
Other durable goods	46	—	16	22	5	3	—	—	—	—	—	—
Nondurable goods	216	31	17	40	27	38	26	31	6	—	5 741	6 227
Food and kindred products	74	11	5	22	18	—	12	6	—	—	—	—
Not specified manufacturing industries	6	—	6	—	—	—	—	—	—	—	—	—
Nonmanufacturing industries	345	50	119	57	29	35	14	29	12	—	4 061	5 100
Railroads and railway express service	51	—	9	4	5	9	11	6	7	—	—	—
Transportation, except railroads	10	—	10	—	—	—	—	—	—	—	—	—
Communications, and utilities and sanitary services	62	—	19	16	5	19	—	3	—	—	—	—
Wholesale and retail trade	93	10	46	12	5	—	3	17	—	—	—	—
All other industries	129	40	35	25	14	7	—	3	5	—	3 400	—
<b>Farmers and farm managers</b>	382	118	92	18	34	28	36	28	8	20	3 587	4 115
<b>Farm laborers and farm foremen</b>	307	130	97	21	17	6	11	14	5	6	2 485	3 500
Paid farm laborers and farm foremen	307	130	97	21	17	6	11	14	5	6	2 485	3 500
Unpaid family workers	—	—	—	—	—	—	—	—	—	—	—	—
<b>Service workers, except private household<sup>1</sup></b>	4 848	1 035	1 222	567	533	534	343	420	182	12	4 295	5 185
Cleaning service workers	2 031	443	613	244	211	178	87	166	86	3	3 868	4 687
Food service workers	325	215	172	44	44	17	12	21	—	—	2 552	3 831
Cooks, except private household	230	61	74	32	35	13	6	9	—	—	3 459	—
Busboys and dishwashers	146	81	60	—	5	—	—	—	—	—	1 802	—
Health service workers	146	25	61	28	20	12	—	—	—	—	3 574	3 761
Personal service workers	541	126	96	61	65	37	49	58	49	—	4 795	5 627
Protective service workers	1 091	91	132	134	159	233	154	153	26	9	6 127	6 344
Firemen, fire protection	196	11	18	6	24	60	38	34	5	—	6 650	6 767
Guards and watchmen	415	58	65	73	64	34	56	51	9	5	5 180	5 703
Policemen and detectives	396	—	45	55	55	121	60	49	12	4	6 397	6 392
<b>Private household workers</b>	121	81	40	—	—	—	—	—	—	—	1 494	—

<sup>1</sup> Includes allocated cases not shown separately.

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

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

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

CHATTANOOGA, TENN.—GA., SMSA—Continued

Negro

	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	\$1 to \$1,999 or less	\$2,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$7,999	\$8,000 to \$9,999	\$10,000 to \$14,999	\$15,000 or more	All earners	Earners worked 50 to 52 weeks
<b>Experienced civilian labor force</b> .....	<b>8 488</b>	<b>1 298</b>	<b>2 071</b>	<b>1 326</b>	<b>1 224</b>	<b>1 080</b>	<b>654</b>	<b>584</b>	<b>209</b>	<b>42</b>	<b>4 660</b>	<b>5 229</b>
<b>Professional, technical, and kindred workers</b> .....	<b>370</b>	<b>34</b>	<b>43</b>	<b>27</b>	<b>27</b>	<b>63</b>	<b>90</b>	<b>58</b>	<b>22</b>	<b>6</b>	<b>6 857</b>	<b>6 708</b>
Accountants.....	—	—	—	—	—	—	—	—	—	—	—	—
Architects.....	—	—	—	—	—	—	—	—	—	—	—	—
Computer specialists.....	5	5	—	—	—	—	—	—	—	—	—	—
Engineers.....	24	6	—	4	6	—	8	—	—	—	—	—
Aeronautical and astronautical.....	—	—	—	—	—	—	—	—	—	—	—	—
Civil.....	5	—	—	—	—	—	5	—	—	—	—	—
Electrical and electronic.....	4	—	—	4	—	—	—	—	—	—	—	—
Mechanical.....	—	—	—	—	—	—	—	—	—	—	—	—
Other engineers.....	15	6	—	—	6	—	3	—	—	—	—	—
Lawyers and judges.....	—	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists.....	18	—	—	—	—	—	18	—	—	—	—	—
Chemists.....	18	—	—	—	—	—	18	—	—	—	—	—
Physicians, dentists, and related practitioners.....	6	—	—	—	—	—	6	—	—	—	—	—
Dentists.....	—	—	—	—	—	—	—	—	—	—	—	—
Pharmacists.....	6	—	—	—	—	—	6	—	—	—	—	—
Physicians, medical and osteopathic.....	—	—	—	—	—	—	—	—	—	—	—	—
Other related practitioners.....	—	—	—	—	—	—	—	—	—	—	—	—
Health technologists and technicians.....	—	—	—	—	—	—	—	—	—	—	—	—
Religious workers.....	9	—	—	5	—	4	—	—	—	—	—	—
Social scientists.....	—	—	—	—	—	—	—	—	—	—	—	—
<b>Social and recreation workers</b> .....	<b>30</b>	<b>4</b>	<b>—</b>	<b>4</b>	<b>—</b>	<b>9</b>	<b>5</b>	<b>4</b>	<b>4</b>	<b>—</b>	<b>—</b>	<b>—</b>
Teachers.....	99	6	15	—	—	24	17	31	6	—	—	—
College and university.....	—	—	—	—	—	—	—	—	—	—	—	—
Elementary and prekindergarten.....	41	6	4	—	—	19	—	12	—	—	—	—
Secondary.....	48	—	6	—	—	—	17	19	6	—	—	—
Engineering and science technicians.....	27	—	6	—	5	7	4	5	—	—	—	—
Draftsmen and surveyors.....	—	—	—	—	—	—	—	—	—	—	—	—
Electrical and electronic engineering technicians.....	—	—	—	—	—	—	—	—	—	—	—	—
Technicians, except health, and engineering and science.....	—	—	—	—	—	—	—	—	—	—	—	—
Airplane pilots.....	—	—	—	—	—	—	—	—	—	—	—	—
Writers, artists, and entertainers.....	19	—	4	—	6	9	—	—	—	—	—	—
Other professional, technical, and kindred workers.....	133	13	18	14	10	10	32	18	12	6	7 047	—
<b>Managers and administrators, except farm</b> .....	<b>235</b>	<b>10</b>	<b>16</b>	<b>22</b>	<b>53</b>	<b>23</b>	<b>17</b>	<b>37</b>	<b>42</b>	<b>15</b>	<b>6 717</b>	<b>7 265</b>
Buyers, purchasing agents, and sales managers.....	2	—	2	—	—	—	—	—	—	—	—	—
School administrators.....	29	—	—	—	—	—	—	—	—	—	—	—
Specified managers and administrators, public administration.....	10	—	5	5	—	—	—	—	15	9	—	—
Other specified managers and administrators.....	77	10	—	12	32	—	11	—	—	—	—	—
Managers and administrators, n.e.c., salaried.....	82	—	—	—	11	13	6	31	21	6	—	—
Manufacturing.....	20	—	—	—	—	3	—	—	17	—	—	—
Wholesale and retail trade.....	23	—	—	—	3	10	—	10	—	—	—	—
Transportation, communications, and other public utilities.....	—	—	—	—	—	—	—	—	—	—	—	—
All other industries.....	39	—	—	—	8	—	6	21	4	—	—	—
Managers and administrators, n.e.c., self-employed.....	35	—	9	5	5	10	—	—	6	—	—	—
Construction.....	19	—	9	5	5	—	—	—	—	—	—	—
Manufacturing.....	—	—	—	—	—	—	—	—	—	—	—	—
Wholesale and retail trade.....	11	—	—	—	—	5	—	—	6	—	—	—
All other industries.....	5	—	—	—	—	5	—	—	—	—	—	—
<b>Sales workers</b> .....	<b>98</b>	<b>25</b>	<b>15</b>	<b>13</b>	<b>22</b>	<b>14</b>	<b>—</b>	<b>4</b>	<b>5</b>	<b>—</b>	<b>—</b>	<b>—</b>
Insurance agents, brokers, and underwriters.....	—	—	—	—	—	—	—	—	—	—	—	—
Real estate agents and brokers.....	—	—	—	—	—	—	—	—	—	—	—	—
Sales representatives, manufacturing industries.....	5	—	—	—	—	5	—	—	—	—	—	—
Sales representatives, wholesale trade.....	5	—	—	—	5	—	—	—	—	—	—	—
Sales clerks, retail trade.....	34	9	—	9	11	—	—	—	5	—	—	—
Salesmen, retail trade.....	18	4	5	4	—	5	—	—	—	—	—	—
Salesmen of services and construction.....	10	—	—	—	6	—	—	4	—	—	—	—
Other sales workers.....	26	12	10	—	—	4	—	—	—	—	—	—
<b>Clerical and kindred workers</b> .....	<b>380</b>	<b>56</b>	<b>39</b>	<b>29</b>	<b>83</b>	<b>62</b>	<b>62</b>	<b>49</b>	<b>—</b>	<b>—</b>	<b>5 795</b>	<b>5 946</b>
Bank tellers and cashiers.....	8	—	—	—	—	8	—	—	—	—	—	—
Bookkeepers and billing clerks.....	16	—	—	—	11	5	—	—	—	—	—	—
Mail handlers and postal clerks.....	50	—	5	—	18	14	13	—	—	—	—	—
Other clerical and kindred workers.....	306	56	34	29	54	35	49	49	—	—	5 630	5 907
<b>Craftsmen and kindred workers</b> .....	<b>1 171</b>	<b>117</b>	<b>212</b>	<b>235</b>	<b>150</b>	<b>208</b>	<b>64</b>	<b>133</b>	<b>52</b>	<b>—</b>	<b>5 143</b>	<b>5 559</b>
Apparel craftsmen and upholsterers.....	14	—	4	—	—	5	—	5	—	—	—	—
Bakers.....	23	6	—	10	4	—	3	—	—	—	—	—
Cabinetmakers.....	—	—	—	—	—	—	—	—	—	—	—	—
Construction craftsmen.....	260	40	58	18	49	49	7	33	6	—	5 286	5 958
Carpenters.....	38	10	—	6	4	12	—	—	6	—	—	—
Excavating, grading, and road machine operators.....	10	—	—	—	—	5	—	5	—	—	—	—
Electricians.....	34	—	7	—	5	22	—	—	—	—	—	—
Masons and tile setters.....	53	11	—	5	12	4	—	21	—	—	—	—
Painters, construction and maintenance, and paperhangers.....	28	4	7	7	10	—	—	—	—	—	—	—
Plasterers and cement finishers.....	52	—	23	—	9	6	7	7	—	—	—	—
Plumbers and pipe fitters.....	35	15	15	—	5	—	—	—	—	—	—	—
Other construction craftsmen.....	10	—	6	—	4	—	—	—	—	—	—	—
Foremen, n.e.c.....	85	—	14	27	6	14	—	24	—	—	—	—
Manufacturing.....	61	—	9	22	6	4	—	20	—	—	—	—
Nonmanufacturing industries.....	24	—	5	5	—	10	—	—	—	—	—	—
Linemen and servicemen, telephone and power.....	17	—	3	6	4	—	—	4	—	—	—	—
Locomotive engineers and firemen.....	5	—	—	—	5	—	—	—	—	—	—	—
Mechanics and repairmen.....	147	14	16	22	38	18	21	15	3	—	5 566	5 788
Air conditioning, heating, and refrigeration.....	—	—	—	—	—	—	—	—	—	—	—	—
Aircraft.....	—	—	—	—	—	—	—	—	—	—	—	—
Automobile, including body.....	84	10	13	15	20	8	7	11	—	—	—	—
Radio and television.....	7	—	—	7	—	—	—	—	—	—	—	—
Other mechanics and repairmen.....	56	4	3	—	18	10	14	4	3	—	—	—
<b>Metal craftsmen, except mechanics</b> .....	<b>226</b>	<b>12</b>	<b>23</b>	<b>37</b>	<b>30</b>	<b>69</b>	<b>27</b>	<b>13</b>	<b>15</b>	<b>—</b>	<b>6 159</b>	<b>6 140</b>
Machinists and job and die setters.....	80	—	11	8	16	37	8	—	—	—	—	—
Sheetmetal workers and tinsmiths.....	—	—	—	—	—	—	—	—	—	—	—	—
Tool and die makers.....	—	—	—	—	—	—	—	—	—	—	—	—
Other metal craftsmen.....	146	12	12	29	14	32	19	13	15	—	6 188	6 150
Printing craftsmen.....	13	3	—	4	—	—	6	—	—	—	—	—
Compositors and typesetters.....	10	—	—	4	—	—	6	—	—	—	—	—
Pressmen and plate printers, printing.....	3	3	—	—	—	—	—	—	—	—	—	—
Stationary engineers and power station operators.....	10	6	—	—	—	—	—	4	—	—	—	—
Other craftsmen and kindred workers.....	371	36	94	111	14	53	—	35	28	—	4 500	4 625

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

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

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

**CHATTANOOGA, TENN.—GA., SMSA—Continued**

**Negro—Continued**

**Experienced civilian labor force—Continued**

	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	\$1 to \$1,999 or less	\$2,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$7,999	\$8,000 to \$9,999	\$10,000 to \$14,999	\$15,000 or more	All earners	Earners worked 50 to 52 weeks
<b>Operatives, except transport</b> .....	<b>2 261</b>	<b>268</b>	<b>522</b>	<b>281</b>	<b>386</b>	<b>329</b>	<b>274</b>	<b>148</b>	<b>44</b>	<b>9</b>	<b>5 154</b>	<b>5 615</b>
Assemblers.....	74	5	22	4	9	7	11	5	11	—	...	...
Checkers, examiners, and inspectors; manufacturing.....	96	14	25	12	7	21	6	7	—	4	...	...
Garage workers and gas station attendants.....	76	25	34	—	6	5	—	—	6	—	...	...
Laundry and drycleaning operatives, n.e.c.....	16	—	7	5	4	—	—	—	—	—	...	...
Meat cutters and butchers.....	13	—	—	6	—	—	—	7	—	—	...	...
Mine operatives, n.e.c.....	—	—	—	—	—	—	—	—	—	—	...	...
Packers and wrappers, except produce.....	60	19	15	11	6	—	4	—	5	—	...	...
Painters, manufactured articles.....	25	—	9	5	5	3	—	3	—	—	...	...
Precision machine operatives.....	168	9	15	10	43	35	33	12	6	5	6 200	6 533
Sawyers.....	10	—	7	3	—	—	—	—	—	—	...	...
Stationary firemen.....	17	—	7	—	—	6	4	—	—	—	...	...
Textile operatives.....	220	15	56	46	45	23	14	21	—	—	4 848	5 144
Welders and flamecutters.....	74	12	17	4	5	—	36	—	—	—	...	...
Other metalworking operatives.....	203	14	49	24	10	38	27	34	7	—	6 118	6 382
Other specified operatives.....	468	60	163	23	64	76	44	33	5	—	4 478	5 526
Miscellaneous and not specified operatives.....	741	95	96	128	182	115	95	26	4	—	5 283	5 583
<b>Occupation:</b>												
Machine operatives, miscellaneous specified.....	310	34	37	40	84	49	52	10	4	—	5 524	5 726
Machine operatives, not specified.....	149	8	14	25	35	28	23	16	—	—	5 786	6 333
Miscellaneous operatives.....	219	38	37	55	44	25	20	—	—	—	4 627	4 847
Not specified operatives.....	63	15	8	8	19	13	—	—	—	—	...	...
<b>Industry:</b>												
<b>Manufacturing</b> .....	<b>648</b>	<b>52</b>	<b>69</b>	<b>128</b>	<b>171</b>	<b>109</b>	<b>89</b>	<b>26</b>	<b>4</b>	<b>—</b>	<b>5 439</b>	<b>5 636</b>
Durable goods.....	415	35	35	92	101	89	52	11	—	—	5 450	5 687
Wood products, including furniture.....	9	4	—	—	—	5	—	—	—	—	...	...
Primary metal industries.....	154	15	5	30	54	38	12	—	—	—	5 500	5 580
Fabricated metal industries.....	144	12	18	30	26	31	22	5	—	—	5 462	5 962
Machinery, including electrical.....	41	—	7	14	6	—	14	—	—	—	...	...
Motor vehicles and equipment.....	9	—	5	—	—	—	4	—	—	—	...	...
Transportation equipment, except motor vehicles.....	13	—	—	7	—	—	—	6	—	—	...	...
Other durable goods.....	45	4	—	11	15	15	—	—	—	—	...	...
Nondurable goods.....	228	17	34	36	70	20	32	15	4	—	5 386	5 490
Food and kindred products.....	32	9	4	3	7	—	9	—	—	—	...	...
Apparel and other fabricated textile products.....	—	—	—	—	—	—	—	—	—	—	...	...
Paper and allied products.....	64	—	13	16	20	6	9	—	—	—	...	...
Chemicals and allied products.....	121	8	13	10	43	14	14	15	4	—	5 686	...
Other nondurable goods.....	11	—	4	7	—	—	5	—	—	—	...	...
Not specified manufacturing industries.....	5	—	—	—	—	—	—	—	—	—	...	...
<b>Nonmanufacturing industries</b> .....	<b>93</b>	<b>43</b>	<b>27</b>	<b>—</b>	<b>11</b>	<b>6</b>	<b>6</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Transportation, communications, and other public utilities.....	4	—	4	—	—	—	—	—	—	—	...	...
Wholesale and retail trade.....	48	15	16	—	11	—	6	—	—	—	...	...
All other industries.....	41	28	7	—	—	6	—	—	—	—	...	...
<b>Transport equipment operatives</b> .....	<b>841</b>	<b>62</b>	<b>176</b>	<b>183</b>	<b>164</b>	<b>123</b>	<b>58</b>	<b>67</b>	<b>8</b>	<b>—</b>	<b>4 997</b>	<b>5 210</b>
Bus drivers.....	15	—	7	8	—	—	—	—	—	—	...	...
Taxicab drivers and chauffeurs.....	53	—	18	15	—	14	—	6	—	—	...	...
Truck drivers and deliverymen.....	447	24	98	114	94	52	29	32	4	—	4 890	4 980
Other transport equipment operatives.....	326	38	53	46	70	57	29	29	4	—	5 371	5 667
<b>Laborers, except farm</b> .....	<b>1 498</b>	<b>287</b>	<b>418</b>	<b>286</b>	<b>168</b>	<b>193</b>	<b>52</b>	<b>54</b>	<b>28</b>	<b>12</b>	<b>4 154</b>	<b>4 879</b>
Construction laborers.....	202	25	85	33	19	31	5	4	—	—	3 788	4 457
Freight, stock, and material handlers.....	283	48	79	90	27	25	10	4	—	—	4 161	4 473
Other specified laborers.....	459	157	97	69	35	34	19	15	21	12	3 495	4 737
Miscellaneous and not specified laborers.....	554	57	157	94	87	103	18	31	7	—	4 670	5 443
<b>Occupation:</b>												
Miscellaneous laborers.....	163	18	29	33	15	49	4	15	—	—	5 100	6 131
Not specified laborers.....	391	39	128	61	72	54	14	16	7	—	4 467	5 250
<b>Industry:</b>												
<b>Manufacturing</b> .....	<b>377</b>	<b>42</b>	<b>91</b>	<b>60</b>	<b>72</b>	<b>79</b>	<b>10</b>	<b>23</b>	<b>—</b>	<b>—</b>	<b>4 925</b>	<b>5 507</b>
Durable goods.....	278	31	79	38	48	59	10	13	—	—	4 763	5 563
Wood products, including furniture.....	12	—	12	—	—	—	—	—	—	—	...	...
Metal industries.....	206	15	51	19	42	56	10	13	—	—	5 429	5 857
Machinery, including electrical.....	28	10	5	7	6	—	—	—	—	—	...	...
Transportation equipment.....	6	6	—	—	—	—	—	—	—	—	...	...
Other durable goods.....	26	—	11	12	—	3	—	—	—	—	...	...
Nondurable goods.....	99	11	12	22	24	20	—	10	—	—	...	...
Food and kindred products.....	58	11	5	18	18	—	—	6	—	—	...	...
Not specified manufacturing industries.....	—	—	—	—	—	—	—	—	—	—	...	...
<b>Nonmanufacturing industries</b> .....	<b>177</b>	<b>15</b>	<b>66</b>	<b>34</b>	<b>15</b>	<b>24</b>	<b>8</b>	<b>8</b>	<b>7</b>	<b>—</b>	<b>4 221</b>	<b>5 133</b>
Railroads and railway express service.....	42	—	9	4	5	9	8	—	7	—	...	...
Transportation, except railroads.....	5	—	5	—	—	—	—	—	—	—	...	...
Communications, and utilities and sanitary services.....	25	—	8	6	—	8	—	3	—	—	...	...
Wholesale and retail trade.....	64	5	37	12	5	—	—	5	—	—	...	...
All other industries.....	41	10	7	12	5	7	—	—	—	—	...	...
<b>Farmers and farm managers</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Farm laborers and farm foremen</b> .....	<b>68</b>	<b>41</b>	<b>13</b>	<b>—</b>	<b>9</b>	<b>—</b>	<b>—</b>	<b>5</b>	<b>—</b>	<b>—</b>	<b>...</b>	<b>...</b>
Paid farm laborers and farm foremen.....	68	41	13	—	9	—	—	5	—	—	...	...
Unpaid family workers.....	—	—	—	—	—	—	—	—	—	—	...	...
<b>Service workers, except private household<sup>1</sup></b> .....	<b>1 458</b>	<b>326</b>	<b>581</b>	<b>250</b>	<b>162</b>	<b>65</b>	<b>37</b>	<b>29</b>	<b>8</b>	<b>—</b>	<b>3 387</b>	<b>3 887</b>
Cleaning service workers.....	800	144	359	137	92	44	15	9	—	—	3 426	3 795
Food service workers.....	221	69	82	32	38	—	—	—	—	—	3 012	...
Cooks, except private household.....	108	23	30	26	29	—	—	—	—	—	4 038	...
Busboys and dishwashers.....	66	24	37	—	5	—	—	—	—	—	...	...
Health service workers.....	42	5	27	4	—	6	—	—	—	—	...	...
Personal service workers.....	88	36	20	14	9	—	4	5	—	—	...	...
Protective service workers.....	97	10	16	25	4	9	18	15	—	—	...	...
Firemen, fire protection.....	10	—	—	—	4	—	6	—	—	—	...	...
Guards and watchmen.....	30	—	5	13	—	—	6	6	—	—	...	...
Policemen and detectives.....	47	—	11	12	—	9	6	9	—	—	...	...
<b>Private household workers</b> .....	<b>108</b>	<b>72</b>	<b>36</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>1 500</b>	<b>...</b>

<sup>1</sup>Includes allocated cases not shown separately.

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

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

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

THE STATE

Total

	Females with earnings in 1969											Median earnings (dollars)	
	Total, 16 years old and over	\$1 to \$499 or loss	\$500 to \$999	\$1,000 to \$1,999	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 or more	All earners	Earnings worked 50 to 52 weeks
<b>Experienced civilian labor force</b> .....	676 705	54 599	56 506	92 880	88 876	113 452	93 476	67 197	45 538	50 668	13 513	3 401	4 261
<b>Professional, technical, and kindred workers</b> .....	93 080	3 756	3 980	7 398	7 588	7 233	7 644	11 011	16 001	23 167	5 302	5 812	6 452
Accountants.....	4 763	107	121	375	226	396	641	766	692	1 105	334	5 673	6 441
Computer specialists.....	849	14	9	49	48	44	73	97	90	211	214	7 007	8 088
Librarians.....	2 277	69	86	108	157	129	113	185	376	880	174	6 775	6 965
Mathematical specialists.....	168	—	5	—	21	6	20	15	30	47	24	6 567	7 032
Life and physical scientists.....	475	14	10	7	18	19	32	31	57	169	118	7 879	8 460
Registered nurses, dietitians, and therapists.....	15 641	504	654	1 393	1 365	2 062	2 022	1 786	2 136	3 188	531	4 911	6 033
Dietitians.....	1 071	40	38	123	141	221	186	88	81	133	20	3 876	4 504
Registered nurses.....	13 981	434	594	1 211	1 194	1 762	1 738	1 630	2 017	2 910	491	5 035	6 115
Health technologists and technicians.....	3 766	156	173	235	270	442	589	539	581	662	119	5 033	5 828
Social scientists.....	257	22	—	19	20	16	27	28	15	56	54	5 875	8 463
Social and recreation workers.....	3 134	52	96	168	305	384	301	465	597	590	176	5 561	6 268
Teachers:.....	2 425	72	186	218	155	174	148	177	183	641	471	6 451	7 981
Elementary and prekindergarten.....	30 606	1 240	1 326	2 462	2 594	1 494	1 456	3 778	6 497	8 967	792	6 147	6 690
Secondary.....	10 393	303	276	565	708	515	411	1 209	2 790	3 150	466	6 434	6 749
Other teachers.....	2 653	253	326	396	314	258	210	266	156	382	92	3 145	5 247
Engineering and science technicians.....	1 629	80	46	90	154	215	305	246	186	236	71	4 752	5 413
Technicians, except health, and engineering and science.....	316	10	11	12	40	24	42	17	55	74	31	6 036	6 656
Writers, artists, and entertainers.....	3 384	333	302	436	372	218	325	348	306	503	241	4 095	5 685
Actors and dancers.....	99	4	16	15	10	14	—	9	5	26	—	—	—
Authors, editors, and reporters.....	870	68	97	79	86	22	124	95	86	159	54	4 669	5 976
Other professional, technical, and kindred workers.....	10 344	527	353	865	821	837	929	1 058	1 254	2 306	1 394	5 794	6 599
<b>Managers and administrators, except farm</b> .....	23 330	772	907	2 089	1 976	2 707	2 673	2 812	2 435	4 063	2 896	5 192	5 826
Buyers, purchasing agents, and sales managers.....	2 439	35	58	126	163	322	403	361	311	451	209	5 312	5 939
Restaurant, cafeteria, and bar managers.....	2 710	91	152	403	478	484	346	290	155	164	147	3 477	4 326
School administrators.....	1 242	10	50	113	90	81	75	47	76	266	434	7 891	8 244
Other specified managers and administrators.....	5 472	150	201	406	377	463	530	666	664	1 319	696	5 914	6 538
Managers and administrators, n.e.c., salaried.....	8 191	199	253	520	491	983	1 027	1 145	1 020	1 560	993	5 544	6 058
Wholesale and retail trade.....	3 400	87	143	208	285	491	473	459	364	574	316	5 028	5 579
Managers and administrators, n.e.c., self-employed.....	3 276	287	193	521	377	374	292	303	209	303	417	3 695	3 834
Wholesale and retail trade.....	2 387	207	135	418	290	267	199	220	141	224	286	3 537	3 623
<b>Sales workers</b> .....	40 776	4 775	4 190	7 001	6 473	7 600	4 412	2 591	1 294	1 365	1 075	2 683	3 665
Demonstrators, hucksters, and peddlers.....	1 944	521	360	419	201	180	94	34	70	38	27	1 217	2 445
Insurance, real estate agents, and brokers.....	2 989	95	116	225	262	287	419	420	302	382	481	5 215	5 993
Sales clerks, retail trade.....	28 252	3 417	3 094	5 271	4 884	5 822	3 023	1 518	521	464	238	2 480	3 478
Salesmen, retail trade.....	1 127	66	70	152	132	259	182	72	72	59	63	3 554	3 931
Other sales workers.....	6 464	676	550	934	994	1 052	694	547	329	422	266	3 074	4 030
<b>Clerical and kindred workers</b> .....	201 456	10 267	11 353	20 154	20 372	31 311	38 880	31 972	18 620	16 022	2 505	4 187	4 950
Bank tellers.....	4 269	112	130	303	327	888	1 309	816	262	103	19	4 286	4 639
Bookkeepers.....	25 583	773	1 109	2 191	2 295	4 290	5 450	4 536	2 504	2 043	392	4 391	4 893
Cashiers.....	14 304	1 559	1 553	2 668	2 239	2 555	2 022	1 107	353	207	41	2 613	3 793
Counter clerks, except food.....	3 549	250	332	409	502	741	616	361	164	158	16	3 380	4 231
Enumerators and interviewers.....	902	284	145	179	94	68	54	44	12	22	—	1 123	3 909
File clerks.....	5 097	406	447	707	500	789	966	640	344	253	45	3 619	4 777
Office machine operators.....	7 489	238	244	647	545	1 026	1 551	1 611	859	659	109	4 673	5 349
Bookkeeping and billing machine operators.....	832	19	32	79	79	179	202	133	59	41	9	4 139	4 820
Keypunch operators.....	5 059	159	154	436	359	685	1 020	1 156	552	475	63	4 722	5 368
Payroll and timekeeping clerks.....	2 533	21	69	128	164	290	604	596	345	296	20	4 984	5 339
Receptionists.....	4 510	309	421	594	612	857	917	508	190	58	44	3 372	4 247
Secretaries.....	52 443	1 680	2 066	4 200	4 927	7 565	10 000	9 732	6 375	5 182	716	4 578	5 255
Stenographers.....	2 439	65	41	86	193	211	418	718	354	333	20	5 286	5 589
Telephone operators.....	8 173	453	444	1 020	961	1 605	1 831	943	433	433	50	3 753	4 519
Typists.....	15 221	955	1 038	1 633	1 304	1 950	3 375	2 764	1 261	865	76	4 216	4 974
Other clerical and kindred workers.....	54 944	3 162	3 314	5 389	5 709	8 476	9 767	7 596	5 164	5 410	957	4 146	5 005
<b>Craftsmen and kindred workers</b> .....	13 282	477	687	902	1 425	2 487	2 323	1 863	1 127	1 521	470	4 285	4 881
Foremen, n.e.c.....	4 022	44	62	146	284	617	932	821	418	560	138	4 921	5 197
<b>Operatives, except transport</b> .....	140 047	5 835	7 375	15 165	24 213	42 450	27 217	11 812	3 553	2 052	375	3 411	3 861
Assemblers.....	4 206	169	196	513	468	1 080	917	419	240	194	10	3 701	4 271
Bottling and canning operatives.....	193	11	21	36	34	57	30	4	—	—	—	2 838	—
Checkers, examiners, and inspectors, manufacturing.....	11 176	240	346	829	1 407	3 594	2 882	1 285	358	212	23	3 770	4 146
Dressmakers and seamstresses, except factory.....	1 951	234	215	338	386	424	216	61	39	22	16	2 488	3 096
Laundry and drycleaning operatives, including ironers.....	7 511	441	546	1 278	2 255	2 057	657	176	54	29	23	2 663	3 011
Graders and sorters, manufacturing.....	937	58	55	167	189	271	111	61	—	18	7	2 997	3 706
Packers and wrappers, except produce.....	9 774	473	538	1 182	1 601	2 717	1 772	1 009	369	83	30	3 402	4 007
Sewers and stitchers.....	43 253	1 555	2 235	4 583	9 049	15 481	7 152	2 316	518	279	85	3 272	3 669
Textile operatives.....	25 768	608	911	1 839	2 877	6 807	7 563	3 754	986	385	38	3 977	4 377
Other specified operatives.....	17 336	1 059	1 234	2 181	2 927	4 248	2 960	1 194	423	488	122	3 267	3 771
Miscellaneous and not specified operatives.....	17 942	987	1 078	2 224	3 020	5 714	2 957	1 533	566	342	21	3 319	3 831
Manufacturing.....	15 724	792	861	1 865	2 653	4 741	2 646	1 368	493	284	21	3 357	3 835
Durable goods.....	4 970	215	204	585	757	1 462	955	461	181	138	12	3 495	3 987
Machinery, including electrical.....	571	23	13	85	66	167	88	58	39	28	4	3 590	4 178
Other durable goods.....	4 399	192	191	500	691	1 295	867	403	142	110	8	3 483	3 972
Nondurable goods, including not specified manufacturing.....	10 754	577	657	1 280	1 896	3 279	1 691	907	312	146	9	3 295	3 771
Food and kindred products.....	3 387	254	280	571	736	856	388	182	85	35	—	2 800	3 437
Apparel and other fabricated textile products.....	3 738	137	221	416	618	1 485	540	243	68	5	5	3 321	3 684
Nonmanufacturing industries.....	2 218	195	217	359	367	473	311	165	73	58	—	2 921	3 782
Transport equipment operatives.....	2 926	232	256	481	640	352	348	236	149	145	87	2 772	4 175
<b>Laborers, except farm</b> .....	8 479	827	761	1 114	1 485	2 018	1 240	661	192	165	16	3 026	3 622
Farmers and farm managers.....	1 240	224	115	225	152	145	56	112	59	67	85	2 368	2 791
Farm laborers and farm foremen.....	6 059	2 465	1 065	1 044	781	401	159	78	22	41	3	765	2 272

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

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

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

THE STATE—Continued

Negro

	Females with earnings in 1969											Median earnings (dollars)	
	Total, 16 years old and over	\$1 to \$499 or loss	\$500 to \$999	\$1,000 to \$1,999	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 or more	All earners	Earners worked 50 to 52 weeks
<b>Experienced civilian labor force</b>	<b>177 488</b>	<b>24 910</b>	<b>25 183</b>	<b>36 849</b>	<b>29 685</b>	<b>26 379</b>	<b>13 928</b>	<b>7 029</b>	<b>5 546</b>	<b>6 724</b>	<b>1 255</b>	<b>2 061</b>	<b>2 730</b>
<b>Professional, technical, and kindred workers</b>	<b>16 837</b>	<b>507</b>	<b>653</b>	<b>979</b>	<b>1 286</b>	<b>1 467</b>	<b>1 335</b>	<b>2 086</b>	<b>3 144</b>	<b>4 727</b>	<b>653</b>	<b>6 034</b>	<b>6 214</b>
Accountants	193	5	—	16	20	4	54	39	31	18	6	4 954	5 371
Computer specialists	51	—	—	5	—	6	15	11	8	—	—	—	—
Librarians	426	13	12	12	15	19	14	37	85	188	31	7 096	7 243
Mathematical specialists	—	—	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists	41	—	5	4	—	5	5	—	7	7	8	—	—
Registered nurses, dietitians, and therapists	2 387	106	164	179	305	439	327	209	282	323	53	4 002	4 653
Dietitians	284	9	17	32	60	85	47	20	8	6	—	3 282	3 523
Registered nurses	2 043	86	147	147	234	343	266	185	270	312	53	4 242	4 938
Health technologists and technicians	402	7	10	28	70	113	66	55	29	12	12	3 761	4 015
Social scientists	12	—	—	—	—	—	—	—	—	—	—	—	—
Social and recreation workers	660	17	39	59	42	148	84	34	51	146	40	4 298	5 103
Teachers: College and university	341	5	36	41	35	—	38	5	16	119	46	6 656	6 813
Elementary and prekindergarten	7 799	176	217	330	417	366	470	1 192	1 750	2 705	176	6 418	6 724
Secondary	2 506	32	41	94	119	116	116	357	707	823	104	6 539	6 627
Other teachers	212	7	7	15	37	16	—	27	20	50	24	5 556	6 409
Engineering and science technicians	139	10	21	7	32	31	15	10	—	3	5	2 851	—
Technicians, except health, and engineering and science	29	5	—	5	11	—	4	4	—	—	—	—	—
Writers, artists, and entertainers	161	22	29	11	19	23	10	10	—	18	19	2 974	—
Actors and dancers	12	5	—	—	7	—	—	—	—	—	—	—	—
Authors, editors, and reporters	29	—	12	—	—	—	—	—	—	—	—	—	—
Other professional, technical, and kindred workers	1 478	88	72	169	164	181	117	95	158	309	125	4 556	5 063
<b>Managers and administrators, except farm</b>	<b>1 912</b>	<b>122</b>	<b>114</b>	<b>248</b>	<b>193</b>	<b>319</b>	<b>233</b>	<b>148</b>	<b>154</b>	<b>203</b>	<b>178</b>	<b>3 875</b>	<b>4 354</b>
Buyers, purchasing agents, and sales managers	55	—	6	3	5	13	9	12	7	—	—	—	—
Restaurant, cafeteria, and bar managers	529	25	27	91	88	116	91	36	37	8	10	3 289	3 722
School administrators	297	5	12	13	11	33	22	—	22	68	111	8 346	6 727
Other specified managers and administrators	384	31	5	44	30	56	37	40	60	60	21	4 703	5 133
Managers and administrators, n.e.c., salaried	438	35	33	53	54	82	57	34	19	49	22	3 537	4 292
Wholesale and retail trade	173	17	6	7	37	33	40	15	—	18	—	3 591	4 028
Managers and administrators, n.e.c., self-employed	209	26	31	44	5	19	17	26	9	18	14	2 700	3 684
Wholesale and retail trade	136	10	18	39	5	15	11	14	9	12	3	2 200	3 167
<b>Sales workers</b>	<b>3 156</b>	<b>287</b>	<b>385</b>	<b>577</b>	<b>612</b>	<b>676</b>	<b>337</b>	<b>114</b>	<b>85</b>	<b>50</b>	<b>33</b>	<b>2 538</b>	<b>3 271</b>
Demonstrators, hucksters, and peddlers	168	10	42	37	31	16	16	5	6	5	—	1 865	—
Insurance, real estate agents, and brokers	264	5	—	19	51	56	67	15	34	8	9	4 015	3 848
Sales clerks, retail trade	2 006	197	294	406	374	426	207	56	31	15	—	2 283	3 189
Salesmen, retail trade	84	—	—	12	19	12	19	9	—	4	9	—	—
Other sales workers	634	75	49	103	137	166	28	29	14	18	15	2 657	3 276
<b>Clerical and kindred workers</b>	<b>18 203</b>	<b>1 649</b>	<b>1 608</b>	<b>2 461</b>	<b>2 481</b>	<b>3 178</b>	<b>3 220</b>	<b>1 625</b>	<b>968</b>	<b>922</b>	<b>91</b>	<b>3 284</b>	<b>4 212</b>
Bank tellers	144	6	8	—	—	17	34	26	—	10	—	3 953	—
Bookkeepers	612	33	41	87	60	168	132	72	4	10	5	3 506	3 943
Cashiers	1 924	232	225	291	420	413	257	50	36	—	—	2 510	3 258
Counter clerks, except food	360	20	26	36	79	111	73	15	—	—	—	3 171	3 284
Enumerators and interviewers	98	25	27	5	5	17	12	7	—	—	—	—	—
File clerks	972	68	111	158	135	134	183	100	55	13	15	3 104	4 325
Office machine operators	745	57	19	109	46	108	199	110	52	33	12	4 168	4 859
Bookkeeping and billing machine operators	31	—	—	12	—	9	6	—	4	—	—	—	—
Keypunch operators	599	43	19	66	41	80	173	89	48	28	12	4 292	4 896
Payroll and timekeeping clerks	78	—	—	8	3	—	16	18	14	15	4	—	—
Receptionists	411	47	50	65	74	60	72	27	6	10	—	2 588	3 483
Secretaries	2 335	174	189	294	344	412	367	304	151	100	—	3 404	4 417
Stenographers	73	—	—	—	25	4	10	19	10	5	—	—	—
Telephone operators	1 340	101	74	157	161	321	393	100	21	12	—	3 551	4 179
Typists	1 567	221	147	217	87	163	371	225	78	58	—	3 684	4 554
Other clerical and kindred workers	7 544	665	691	1 034	1 025	1 224	1 101	552	541	656	55	3 292	4 317
<b>Craftsmen and kindred workers</b>	<b>2 265</b>	<b>119</b>	<b>192</b>	<b>187</b>	<b>429</b>	<b>556</b>	<b>372</b>	<b>225</b>	<b>64</b>	<b>81</b>	<b>40</b>	<b>3 370</b>	<b>3 777</b>
Foremen, n.e.c.	331	—	6	7	52	61	74	61	19	39	12	4 534	4 830
<b>Operatives, except transport</b>	<b>35 545</b>	<b>2 312</b>	<b>2 510</b>	<b>5 508</b>	<b>8 333</b>	<b>10 247</b>	<b>4 383</b>	<b>1 450</b>	<b>463</b>	<b>266</b>	<b>73</b>	<b>2 893</b>	<b>3 385</b>
Assemblers	1 071	57	60	166	120	370	170	62	56	10	—	3 358	3 783
Bottling and canning operatives	117	6	21	31	9	37	13	—	—	—	—	2 056	—
Checkers, examiners, and inspectors; manufacturing	1 455	40	49	197	271	489	286	84	6	9	—	3 300	3 642
Dressmakers and seamstresses, except factory	376	49	49	44	98	92	31	13	—	—	—	2 469	3 174
Laundry and drycleaning operatives, including ironers	5 644	379	384	1 007	1 822	1 448	425	113	33	19	14	2 577	2 884
Graders and sorters, manufacturing	367	34	16	89	100	97	31	—	—	—	—	2 445	3 152
Packers and wrappers, except produce	3 001	155	201	458	667	761	390	243	103	23	—	3 026	3 654
Sewers and stitchers	7 593	408	466	1 028	2 004	2 555	825	216	39	20	32	2 945	3 380
Textile operatives	4 092	183	204	507	772	1 201	859	289	18	55	4	3 316	3 751
Other specified operatives	5 116	446	479	843	1 094	1 357	582	137	88	72	18	2 722	3 283
Miscellaneous and not specified operatives	6 713	555	557	1 138	1 376	1 840	771	293	120	58	5	2 804	3 424
Manufacturing	5 611	408	431	916	1 159	1 625	662	254	97	54	5	2 906	3 458
Durable goods	1 956	120	93	255	344	627	289	166	40	22	—	3 265	3 628
Machinery, including electrical	173	9	8	24	23	49	25	16	13	6	—	3 459	—
Other durable goods	1 783	111	85	231	321	578	264	150	27	16	—	3 248	3 622
Nondurable goods, including not specified manufacturing	3 655	288	338	661	815	998	373	88	57	32	5	2 663	3 350
Food and kindred products	1 967	173	202	417	516	443	156	26	15	19	—	2 371	3 021
Apparel and other fabricated textile products	754	27	74	120	148	279	82	14	5	—	5	3 029	3 477
Nonmanufacturing industries	1 102	147	126	222	217	215	109	39	23	4	—	2 258	3 147
<b>Transport equipment operatives</b>	<b>821</b>	<b>67</b>	<b>73</b>	<b>113</b>	<b>178</b>	<b>113</b>	<b>144</b>	<b>67</b>	<b>26</b>	<b>35</b>	<b>5</b>	<b>2 885</b>	<b>3 747</b>
<b>Laborers, except farm</b>	<b>3 664</b>	<b>460</b>	<b>381</b>	<b>530</b>	<b>743</b>	<b>813</b>	<b>425</b>	<b>182</b>	<b>66</b>	<b>64</b>	<b>—</b>	<b>2 620</b>	<b>3 282</b>
Farmers and farm managers	137	59	16	26	12	—	6	—	—	14	4	797	—
Farm laborers and farm foremen	3 894	1 934	770	619	354	124	47	13	11	19	3	508	1 766
Paid farm laborers and farm foremen	3 879	1 932	767	613	350	124	47	13	11	19	3	505	1 766
Unpaid family workers	15	2	3	6	4	—	—	—	—	—	—	—	—
<b>Service workers, except private household<sup>1</sup></b>	<b>43 053</b>	<b>4 248</b>	<b>5 446</b>	<b>10 238</b>	<b>10 682</b>	<b>7 593</b>	<b>3 058</b>	<b>976</b>	<b>434</b>	<b>275</b>	<b>103</b>	<b>2 149</b>	<b>2 677</b>
Cleaning service workers	11 985	1 278	1 629	3 138	3 081	2 072	556	127	47	43	17	1 983	2 422
Chambermaids and maids	5 214	570	645	1 449	1 457	767	201	64	22	25	11	1 961	

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

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

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

**THE STATE—Continued**

**Persons of Spanish Language**

	Females with earnings in 1969											Median earnings (dollars)	
	Total, 16 years old and over	\$1 to \$499 or less	\$500 to \$999	\$1,000 to \$1,999	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 or more	All earners	Earners worked 50 to 52 weeks
<b>Experienced civilian labor force</b> .....	3 369	194	300	389	442	550	341	414	342	319	78	3 654	4 956
<b>Professional, technical, and kindred workers</b> .....	763	19	36	61	45	53	43	133	169	154	50	5 936	6 559
Accountants.....	42	—	—	—	—	—	6	7	23	6	—	...	...
Computer specialists.....	10	—	—	—	—	—	—	10	—	—	—	...	...
Librarians.....	—	—	—	—	—	—	—	—	—	—	—	...	...
Mathematical specialists.....	—	—	—	—	—	—	—	—	—	—	—	...	...
Life and physical scientists.....	6	—	—	—	—	—	—	6	—	—	—	...	...
Registered nurses, dietitians, and therapists.....	123	—	10	9	—	5	17	25	14	43	—	5 820	...
Dietitians.....	6	—	—	—	—	—	—	6	—	—	—	...	...
Registered nurses.....	117	—	10	9	—	5	17	19	14	43	—	5 921	...
Health technologists and technicians.....	50	7	—	7	—	7	—	—	14	15	—	...	...
Social scientists.....	6	—	—	—	6	—	—	—	—	—	—	...	...
Social and recreation workers.....	54	—	—	8	7	21	—	—	18	—	—	...	...
Teachers:.....	51	—	7	12	—	—	—	16	—	5	11	...	...
College and university.....	148	5	—	6	20	—	—	42	48	27	—	6 021	...
Elementary and prekindergarten.....	94	—	—	7	12	14	13	6	6	31	5	...	...
Secondary.....	26	—	—	—	—	7	—	7	7	12	—	...	...
Other teachers.....	42	—	7	7	—	6	—	6	16	—	—	...	...
Engineering and science technicians.....	6	—	—	—	—	—	—	—	6	—	—	...	...
Technicians, except health, and engineering and science.....	68	7	12	5	—	—	—	—	11	15	18	...	...
Writers, artists, and entertainers.....	—	—	—	—	—	—	—	—	—	—	—	...	...
Actors and dancers.....	11	—	—	—	—	—	—	—	11	—	—	...	...
Authors, editors, and reporters.....	37	—	—	—	—	—	—	15	6	—	16	...	...
Other professional, technical, and kindred workers.....	135	—	—	7	—	29	14	33	15	32	5	5 530	5 742
<b>Managers and administrators, except farm</b> .....	29	—	—	—	—	7	—	4	10	8	—	...	...
Buyers, purchasing agents, and sales managers.....	25	—	—	7	—	—	—	13	5	—	—	...	...
Restaurant, cafeteria, and bar managers.....	—	—	—	—	—	—	—	—	—	—	—	...	...
School administrators.....	26	—	—	—	—	7	7	7	—	5	—	...	...
Other specified managers and administrators.....	55	—	—	—	—	15	7	9	—	19	5	...	...
Managers and administrators, n.e.c., salaried.....	5	—	—	—	—	5	—	—	—	—	—	...	...
Wholesale and retail trade.....	—	—	—	—	—	—	—	—	—	—	—	...	...
Managers and administrators, n.e.c., self-employed.....	—	—	—	—	—	—	—	—	—	—	—	...	...
Wholesale and retail trade.....	297	55	57	54	50	60	—	9	—	6	6	1 676	...
<b>Sales workers</b> .....	7	—	—	7	—	—	—	—	—	—	—	...	...
Demonstrators, hucksters, and peddlers.....	14	—	—	—	8	—	—	—	—	6	—	...	...
Insurance, real estate agents, and brokers.....	224	39	57	41	27	60	—	—	—	—	—	1 390	...
Sales clerks, retail trade.....	—	—	—	—	—	—	—	—	—	—	—	...	...
Salesmen, retail trade.....	52	16	—	6	15	—	—	9	—	—	—	...	...
Other sales workers.....	1 320	40	100	158	184	250	193	176	131	76	12	3 712	4 866
<b>Clerical and kindred workers</b> .....	5	—	—	5	—	—	—	—	—	—	—	...	...
Bank tellers.....	153	—	6	21	5	49	18	21	18	8	7	3 908	...
Bookkeepers.....	97	12	27	18	16	13	—	11	—	—	—	...	...
Cashiers.....	20	—	—	—	—	—	—	14	—	6	—	...	...
Counter clerks, except food.....	—	—	—	—	—	—	—	—	—	—	—	...	...
Enumerators and interviewers.....	31	—	6	12	6	—	—	—	—	7	—	...	...
File clerks.....	53	—	9	7	—	—	15	8	7	7	—	...	...
Office machine operators.....	—	—	—	—	—	—	—	—	—	—	—	...	...
Bookkeeping and billing machine operators.....	46	—	9	7	—	—	15	8	—	7	—	...	...
Keypunch operators.....	17	—	5	—	—	—	—	7	5	—	—	...	...
Payroll and timekeeping clerks.....	12	—	6	6	—	—	—	—	—	—	—	...	...
Receptionists.....	400	11	—	25	66	60	82	74	61	21	—	4 463	5 250
Secretaries.....	—	—	—	—	—	—	—	—	—	—	—	...	...
Stenographers.....	63	6	6	6	39	6	—	—	—	—	—	...	...
Telephone operators.....	143	5	12	11	14	48	5	26	7	15	—	3 615	...
Typists.....	326	6	23	47	38	74	73	15	33	12	5	3 662	4 173
Other clerical and kindred workers.....	43	—	15	—	13	7	—	—	—	8	—	...	...
<b>Craftsmen and kindred workers</b> .....	31	—	10	—	6	7	—	—	—	8	—	...	...
Foremen, n.e.c.....	390	12	40	44	60	123	60	42	9	—	—	3 317	3 971
<b>Operatives, except transport</b> .....	28	—	—	14	8	6	—	—	—	—	—	...	...
Assemblers.....	21	—	—	—	—	15	—	6	—	—	—	...	...
Bottling and canning operatives.....	32	—	—	7	—	15	4	6	—	—	—	...	...
Checkers, examiners, and inspectors, manufacturing.....	26	—	—	—	—	—	—	6	—	—	—	...	...
Dressmakers and seamstresses, except factory.....	32	—	13	—	7	—	—	—	—	—	—	...	...
Laundry and drycleaning operatives, including ironers.....	37	7	—	7	14	—	—	—	9	—	—	...	...
Graders and sorters, manufacturing.....	119	—	17	16	14	42	15	15	—	—	—	3 298	...
Packers and wrappers, except produce.....	30	—	—	—	9	6	15	—	—	—	—	...	...
Sewers and stitchers.....	49	—	—	—	8	23	11	7	—	—	—	...	...
Textile operatives.....	48	5	10	—	—	16	9	8	—	—	—	...	...
Other specified operatives.....	29	5	—	—	—	16	—	8	—	—	—	...	...
Miscellaneous and not specified operatives.....	11	—	—	—	—	11	—	—	—	—	—	...	...
Manufacturing.....	11	—	—	—	—	11	—	—	—	—	—	...	...
Durable goods.....	11	—	—	—	—	11	—	—	—	—	—	...	...
Machinery, including electrical.....	18	5	—	—	—	5	—	8	—	—	—	...	...
Other durable goods.....	5	—	—	—	—	—	—	—	—	—	—	...	...
Nondurable goods, including not specified manufacturing.....	5	—	—	—	—	—	—	—	—	—	—	...	...
Food and kindred products.....	5	—	—	—	—	5	—	—	—	—	—	...	...
Apparel and other fabricated textile products.....	19	—	10	—	—	—	9	—	—	—	—	...	...
Nonmanufacturing industries.....	11	—	—	11	—	—	—	—	—	—	—	...	...
Transport equipment operatives.....	15	—	—	—	9	—	—	6	—	—	—	...	...
<b>Laborers, except farm</b> .....	—	—	—	—	—	—	—	—	—	—	—	...	...
Farmers and farm managers.....	9	—	9	—	—	—	—	—	—	—	—	...	...
Farm laborers and farm foremen.....	9	—	9	—	—	—	—	—	—	—	—	...	...
Paid farm laborers and farm foremen.....	—	—	—	—	—	—	—	—	—	—	—	...	...
Unpaid family workers.....	350	55	38	54	63	28	31	15	18	43	5	2 444	4 250
<b>Service workers, except private household<sup>1</sup></b> .....	30	—	—	10	20	—	—	—	—	—	—	...	...
Cleaning service workers.....	10	—	—	10	—	—	—	—	—	—	—	...	...
Chambermaids and maids.....	147	32	7	31	20	20	—	12	—	20	5	2 175	...
Food service workers.....	18	—	—	—	—	5	—	6	—	7	—	...	...
Cooks, except private household.....	129	32	7	31	20	15	—	6	—	13	5	1 823	...
Waiters and food counter workers.....	55	—	10	—	19	—	23	3	—	—	—	...	...
Health service workers.....	40	—	10	—	19	—	8	3	—	—	—	...	...
Nursing aides, orderlies, and attendants.....	10	—	—	—	—	—	10	—	—	—	—	...	...
Practical nurses.....	85	17	—	7	4	8	8	—	18	23	—	...	...
Personal service workers.....	47	10	—	7	—	8	8	—	6	8	—	...	...
Hairdressers and cosmetologists.....	36	13	5	—	18	—	—	—	—	—	—	...	...
<b>Private household workers</b> .....	6	—	—	—	6	—	—	—	—	—	—	...	...
Private household workers, living in.....	30	13	5	—	12	—	—	—	—	—	—	...	...
Private household workers, living out.....	—	—	—	—	—	—	—	—	—	—	—	...	...

<sup>1</sup>Includes protective service workers and allocated cases not shown separately.





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

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

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

**ATLANTA SMSA—Continued**

**Negro**

	Females with earnings in 1969											Median earnings (dollars)	
	Total, 16 years old and over	\$1 to \$499 or less	\$500 to \$999	\$1,000 to \$1,999	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 or more	All earners	Earners worked 50 to 52 weeks
<b>Experienced civilian labor force</b> .....	<b>57 054</b>	<b>4 951</b>	<b>5 674</b>	<b>9 389</b>	<b>10 065</b>	<b>10 202</b>	<b>6 806</b>	<b>3 192</b>	<b>2 523</b>	<b>3 499</b>	<b>753</b>	<b>2 846</b>	<b>3 460</b>
<b>Professional, technical, and kindred workers</b> .....	<b>6 501</b>	<b>127</b>	<b>259</b>	<b>334</b>	<b>530</b>	<b>621</b>	<b>567</b>	<b>473</b>	<b>1 029</b>	<b>2 121</b>	<b>440</b>	<b>6 330</b>	<b>6 521</b>
Accountants.....	171	5	—	11	12	4	49	35	31	18	6	5 129	5 516
Computer specialists.....	51	—	—	5	—	6	15	11	8	6	—	7 771	...
Librarians.....	169	—	12	—	8	12	—	5	29	72	31	...	...
Mathematical specialists.....	—	—	—	—	—	—	—	—	—	—	—	...	...
Life and physical scientists.....	29	—	5	4	—	—	5	—	7	—	8	...	...
Registered nurses, dietitians, and therapists.....	1 002	26	38	48	85	181	154	81	136	217	36	4 799	5 048
Dietitians.....	137	—	—	15	20	40	37	11	8	6	—	3 838	...
Registered nurses.....	834	21	38	33	54	136	112	70	128	206	36	5 329	5 809
Health technologists and technicians.....	215	—	10	5	37	34	45	48	29	—	7	4 478	5 238
Social scientists.....	8	—	—	4	—	—	—	—	—	—	4	...	...
Social and recreation workers.....	357	4	28	16	20	65	29	23	28	109	35	5 717	7 559
Teachers: College and university.....	182	5	10	29	18	—	34	—	5	63	18	4 853	...
Elementary and prekindergarten.....	2 419	29	65	66	133	128	96	132	504	1 131	135	7 150	7 382
Secondary.....	766	—	11	32	52	26	33	49	181	303	79	6 994	7 330
Other teachers.....	100	—	7	9	12	9	—	13	11	28	11	...	...
Engineering and science technicians.....	79	5	11	7	17	27	6	6	—	—	—	...	...
Technicians, except health, and engineering and science.....	23	5	—	5	5	—	4	4	—	—	—	...	...
Writers, artists, and entertainers.....	90	5	15	7	19	5	10	5	—	18	6	...	...
Actors and dancers.....	12	—	5	—	—	—	—	—	—	7	—	...	...
Authors, editors, and reporters.....	17	—	5	—	7	5	—	—	—	—	—	...	...
Other professional, technical, and kindred workers.....	840	43	47	86	112	124	87	61	60	156	64	4 092	4 324
<b>Managers and administrators, except farm</b> .....	<b>744</b>	<b>37</b>	<b>7</b>	<b>58</b>	<b>72</b>	<b>141</b>	<b>108</b>	<b>69</b>	<b>68</b>	<b>95</b>	<b>89</b>	<b>4 528</b>	<b>5 154</b>
Buyers, purchasing agents, and sales managers.....	36	—	—	5	5	7	9	12	—	—	—	...	...
Restaurant, cafeteria, and bar managers.....	154	14	—	15	21	32	28	14	17	3	10	3 844	...
School administrators.....	116	—	7	—	6	9	6	—	12	13	63	10000+	...
Other specified managers and administrators.....	183	6	—	13	25	31	17	12	29	45	5	4 971	6 353
Managers and administrators, n.e.c., salaried.....	207	7	—	22	15	53	45	19	5	30	11	4 144	4 811
Wholesale and retail trade.....	92	—	—	15	23	31	5	—	5	18	—	...	...
Managers and administrators, n.e.c., self-employed.....	48	10	—	5	—	9	3	12	5	4	—	...	...
Wholesale and retail trade.....	29	6	—	5	—	9	—	—	5	4	—	...	...
<b>Sales workers</b> .....	<b>1 516</b>	<b>104</b>	<b>158</b>	<b>263</b>	<b>244</b>	<b>350</b>	<b>218</b>	<b>80</b>	<b>59</b>	<b>28</b>	<b>12</b>	<b>2 955</b>	<b>3 694</b>
Demonstrators, hucksters, and peddlers.....	49	—	8	27	—	3	6	5	—	—	—	...	...
Insurance, real estate agents, and brokers.....	109	—	—	11	5	24	39	—	22	8	—	4 372	...
Sales clerks, retail trade.....	970	77	122	162	137	231	150	51	31	9	—	2 905	3 726
Salesmen, retail trade.....	47	—	—	12	14	7	4	5	—	—	5	...	...
Other sales workers.....	341	27	28	51	88	85	19	19	6	11	7	2 733	3 384
<b>Clerical and kindred workers</b> .....	<b>11 760</b>	<b>834</b>	<b>955</b>	<b>1 354</b>	<b>1 286</b>	<b>1 914</b>	<b>2 474</b>	<b>1 266</b>	<b>748</b>	<b>853</b>	<b>76</b>	<b>3 758</b>	<b>4 554</b>
Bank tellers.....	97	6	8	—	13	5	34	21	—	10	—	...	...
Bookkeepers.....	379	27	23	31	13	101	102	63	4	10	5	3 946	4 233
Cashiers.....	1 003	88	114	127	222	226	170	35	21	—	—	2 777	3 574
Counter clerks, except food.....	226	11	13	9	31	91	62	9	—	—	—	3 538	3 947
Enumerators and interviewers.....	27	11	4	5	—	—	—	—	—	—	—	...	...
File clerks.....	777	44	90	115	112	122	146	74	50	9	15	3 225	4 370
Office machine operators.....	635	57	19	93	46	87	148	102	43	28	12	4 105	4 982
Bookkeeping and billing machine operators.....	25	—	—	12	—	3	6	—	4	—	—	...	...
Keypunch operators.....	522	43	19	60	41	69	127	84	39	28	12	4 228	5 036
Payroll and timekeeping clerks.....	43	—	—	—	—	—	16	7	8	12	—	...	...
Receptionists.....	279	16	35	42	48	34	67	27	6	4	—	2 969	4 202
Secretaries.....	1 257	70	88	166	98	186	212	237	110	90	—	4 097	4 893
Stenographers.....	45	—	—	—	7	4	5	14	10	5	—	...	...
Telephone operators.....	869	67	37	66	96	162	332	80	17	12	—	4 020	4 367
Typists.....	1 103	111	85	145	54	121	332	149	56	50	—	4 107	4 551
Other clerical and kindred workers.....	5 020	326	439	555	546	775	848	441	423	623	44	3 831	4 785
<b>Craftsmen and kindred workers</b> .....	<b>834</b>	<b>26</b>	<b>53</b>	<b>78</b>	<b>126</b>	<b>226</b>	<b>149</b>	<b>103</b>	<b>19</b>	<b>37</b>	<b>17</b>	<b>3 593</b>	<b>3 888</b>
Foremen, n.e.c.....	127	—	—	—	20	17	21	36	7	22	4	5 153	...
<b>Operatives, except transport</b> .....	<b>8 342</b>	<b>540</b>	<b>440</b>	<b>1 062</b>	<b>1 593</b>	<b>2 413</b>	<b>1 450</b>	<b>477</b>	<b>215</b>	<b>121</b>	<b>31</b>	<b>3 222</b>	<b>3 593</b>
Assemblers.....	486	6	9	50	66	176	101	36	32	10	—	3 636	3 925
Bottling and canning operatives.....	36	—	—	17	—	6	13	—	—	—	—	...	...
Checkers, examiners, and inspectors; manufacturing.....	394	16	6	31	58	154	100	17	6	6	—	3 558	3 739
Dressmakers and seamstresses, except factory.....	143	12	16	6	30	45	21	13	—	—	—	3 167	...
Laundry and drycleaning operatives, including ironers.....	1 800	124	125	274	503	482	220	38	14	11	9	2 750	3 146
Graders and sorters, manufacturing.....	45	6	—	—	6	20	13	—	—	—	—	...	...
Packers and wrappers, except produce.....	1 121	43	56	145	182	325	180	110	64	16	—	3 414	3 960
Sewers and stitchers.....	989	53	49	124	173	306	217	51	5	4	7	3 312	3 740
Textile operatives.....	342	13	—	21	66	108	110	15	5	—	4	3 657	3 720
Other specified operatives.....	1 520	184	113	212	256	370	223	57	54	45	6	2 980	3 427
Miscellaneous and not specified operatives.....	1 466	83	66	182	253	421	252	140	35	29	5	3 354	3 692
<b>Manufacturing</b> .....	<b>1 112</b>	<b>54</b>	<b>49</b>	<b>128</b>	<b>170</b>	<b>347</b>	<b>186</b>	<b>126</b>	<b>22</b>	<b>25</b>	<b>5</b>	<b>3 447</b>	<b>3 686</b>
Durable goods.....	511	24	8	52	84	155	76	83	7	22	—	3 565	3 685
Machinery, including electrical.....	52	—	—	—	6	—	17	16	7	6	—	...	...
Other durable goods.....	459	24	8	52	78	155	59	67	—	16	—	3 435	3 586
Nondurable goods, including not specified manufacturing.....	601	30	41	76	86	192	110	43	15	3	5	3 352	3 688
Food and kindred products.....	147	15	4	26	23	41	35	—	—	3	—	3 134	...
Apparel and other fabricated textile products.....	135	6	9	15	11	74	15	—	—	—	5	3 358	...
Nonmanufacturing industries.....	354	29	17	54	83	74	66	14	13	4	—	2 928	3 720
<b>Transport equipment operatives</b> .....	<b>254</b>	<b>11</b>	<b>21</b>	<b>8</b>	<b>74</b>	<b>27</b>	<b>45</b>	<b>34</b>	<b>10</b>	<b>24</b>	<b>—</b>	<b>3 481</b>	<b>4 400</b>
<b>Laborers, except farm</b> .....	<b>1 254</b>	<b>120</b>	<b>70</b>	<b>166</b>	<b>251</b>	<b>284</b>	<b>204</b>	<b>87</b>	<b>51</b>	<b>21</b>	<b>—</b>	<b>3 070</b>	<b>3 613</b>
Farmers and farm managers.....	22	12	—	5	—	—	—	—	—	5	—	...	...
Farm laborers and farm foremen.....	112	37	18	9	11	23	6	3	5	—	—	1 111	...
Paid farm laborers and farm foremen.....	112	37	18	9	11	23	6	3	5	—	—	1 111	...
Unpaid family workers.....	—	—	—	—	—	—	—	—	—	—	—	...	...
<b>Service workers, except private household<sup>1</sup></b> .....	<b>14 473</b>	<b>1 173</b>	<b>1 461</b>	<b>2 547</b>	<b>3 510</b>	<b>3 405</b>	<b>1 394</b>	<b>533</b>	<b>248</b>	<b>152</b>	<b>50</b>	<b>2 586</b>	<b>3 151</b>
Cleaning service workers.....	3 834	317	360	772	938	1 054	277	65	31	20	—	2 499	3 023
Chambermaids and maids.....	1 562	104	117	309	441	420	105	37	18	11	—	2 569	3 075
Food service workers.....	5 150	399	570	934	1 471	1 081	445	129	76	28	17	2 457	2 966
Cooks, except private household.....	2 535	109	218	393	813	609	253	61	48	17	14	2 673	3 021
Waiters and food counter workers.....	1 268	155	163	267	304	237	82	31	21	5	3		

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

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

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

AUGUSTA, GA.—S.C., SMSA

Total

	Females with earnings in 1969											Median earnings (dollars)	
	Total, 16 years old and over	\$1 to \$499 or less	\$500 to \$999	\$1,000 to \$1,999	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 or more	All earners	Earners worked 50 to 52 weeks
<b>Experienced civilian labor force</b> .....	33 352	2 405	2 558	4 475	3 823	5 923	5 217	3 611	2 265	2 467	608	3 577	4 221
<b>Professional, technical, and kindred workers</b> .....	5 316	176	200	416	346	446	494	779	820	1 384	255	5 745	6 220
Accountants.....	138	9	5	9	4	11	27	30	10	17	16	5 133	...
Computer specialists.....	18	—	—	—	5	—	—	8	—	—	5	...	...
Librarians.....	100	—	—	—	—	5	—	10	25	60	—	...	...
Mathematical specialists.....	—	—	—	—	—	—	—	—	—	—	—	...	...
Life and physical scientists.....	20	—	—	—	—	9	7	—	—	—	4	...	...
Registered nurses, dietitians, and therapists.....	1 210	18	23	86	80	107	157	118	205	342	74	6 078	6 691
Dietitians.....	91	—	13	9	17	22	14	—	6	10	—	...	...
Registered nurses.....	1 079	18	10	72	63	85	143	108	199	318	63	6 204	6 746
Health technologists and technicians.....	347	20	28	45	7	43	52	62	28	62	—	4 587	5 631
Social scientists.....	—	—	—	—	—	—	—	—	—	—	—	...	...
Social and recreation workers.....	182	5	9	17	—	46	13	15	38	28	11	5 067	5 667
Teachers: College and university.....	107	—	—	12	8	—	—	10	6	37	34	8 419	...
Elementary and prekindergarten.....	1 536	50	74	128	131	80	95	242	259	451	26	5 868	6 513
Secondary.....	639	10	21	35	37	40	23	104	132	227	10	6 375	6 717
Other teachers.....	166	25	18	23	20	17	15	23	10	15	—	2 850	...
Engineering and science technicians.....	177	—	—	4	—	32	19	16	46	49	11	6 380	6 478
Technicians, except health, and engineering and science.....	20	—	—	4	—	—	—	11	—	—	—	...	...
Writers, artists, and entertainers.....	124	14	11	5	15	23	5	15	5	25	6	3 739	...
Actors and dancers.....	6	6	—	—	—	—	—	—	—	—	—	...	...
Authors, editors, and reporters.....	36	—	6	—	5	—	—	5	5	15	—	...	...
Other professional, technical, and kindred workers.....	532	25	11	48	39	33	70	126	56	66	58	5 317	5 335
<b>Managers and administrators, except farm</b> .....	1 073	61	59	98	59	175	116	133	112	147	113	4 728	5 522
Buyers, purchasing agents, and sales managers.....	148	9	6	5	—	32	11	26	24	25	10	5 423	5 500
Restaurant, cafeteria, and bar managers.....	165	4	4	44	9	33	28	22	4	—	17	3 652	...
School administrators.....	86	5	—	13	6	11	6	—	11	16	18	...	...
Other specified managers and administrators.....	212	22	18	16	—	27	21	18	21	51	18	5 111	6 310
Managers and administrators, n.e.c., salaried.....	346	12	21	15	37	59	40	61	49	26	26	4 725	5 378
Wholesale and retail trade.....	182	6	11	5	27	53	22	27	22	9	—	3 792	4 433
Managers and administrators, n.e.c., self-employed.....	116	9	10	5	7	13	10	6	3	29	24	5 667	...
Wholesale and retail trade.....	82	9	—	5	7	9	5	6	3	29	9	...	...
<b>Sales workers</b> .....	1 949	232	147	327	305	434	245	99	67	71	22	2 880	3 620
Demonstrators, hucksters, and peddlers.....	102	31	6	18	11	11	—	14	5	6	—	1 778	...
Insurance, real estate agents, and brokers.....	107	—	6	—	16	14	15	5	14	25	12	5 500	...
Sales clerks, retail trade.....	1 410	164	117	256	222	350	198	51	16	26	10	2 757	3 540
Salesmen, retail trade.....	39	11	—	5	—	—	8	8	7	—	—	...	...
Other sales workers.....	291	26	18	48	56	59	24	21	25	14	—	2 955	3 500
<b>Clerical and kindred workers</b> .....	9 412	432	616	809	832	1 776	1 906	1 462	847	630	102	4 126	4 735
Bank tellers.....	198	—	11	10	18	44	63	31	9	12	—	4 254	4 548
Bookkeepers.....	1 061	24	63	104	77	223	170	166	112	94	28	4 232	4 949
Cashiers.....	870	116	106	138	130	214	75	68	5	18	—	2 577	3 586
Counter clerks, except food.....	125	—	21	31	29	15	19	4	—	—	6	2 362	...
Enumerators and interviewers.....	49	17	16	6	6	4	—	—	—	—	—	...	...
File clerks.....	187	18	17	11	16	11	18	41	36	19	—	5 061	5 635
Office machine operators.....	237	10	8	19	22	45	87	15	16	15	—	4 167	4 475
Bookkeeping and billing machine operators.....	28	—	—	—	8	—	15	5	—	—	—	...	...
Keypunch operators.....	160	10	8	10	4	45	58	10	4	11	—	4 052	...
Payroll and timekeeping clerks.....	144	—	—	6	5	33	23	38	15	24	—	5 132	5 132
Receptionists.....	224	17	22	23	16	53	66	17	4	6	—	3 642	4 242
Secretaries.....	2 772	79	149	165	211	490	672	509	278	201	18	4 435	4 884
Stenographers.....	74	—	—	16	—	—	9	20	10	19	—	...	...
Telephone operators.....	532	5	36	73	92	92	110	66	40	12	6	3 652	4 601
Typists.....	645	10	37	45	38	95	179	120	86	24	11	4 545	4 916
Other clerical and kindred workers.....	2 294	136	130	162	172	457	415	367	236	186	33	4 217	4 771
<b>Craftsmen and kindred workers</b> .....	610	10	10	47	61	104	138	84	48	62	46	4 529	4 833
Foremen, n.e.c.....	184	—	—	12	6	10	78	14	24	28	12	4 821	4 857
<b>Operatives, except transport</b> .....	6 100	234	284	510	816	1 606	1 595	771	225	49	10	3 751	4 166
Assemblers.....	144	7	—	15	21	61	11	9	14	—	6	3 475	...
Bottling and canning operatives.....	5	—	—	—	—	5	—	—	—	—	—	...	...
Checkers, examiners, and inspectors, manufacturing.....	366	11	12	6	28	66	138	94	5	6	—	4 435	4 654
Dressmakers and seamstresses, except factory.....	129	4	—	37	25	35	16	—	12	—	—	2 940	...
Laundry and drycleaning operatives, including ironers.....	456	41	32	100	114	117	34	5	9	4	—	2 482	2 797
Graders and sorters, manufacturing.....	52	—	5	—	7	6	27	7	—	—	—	...	...
Packers and wrappers, except produce.....	658	12	36	79	109	221	133	43	16	5	4	3 421	3 820
Sewers and stitchers.....	682	41	46	59	117	292	96	23	—	8	—	3 267	3 554
Textile operatives.....	2 157	19	70	66	167	393	870	445	117	10	—	4 418	4 644
Other specified operatives.....	716	56	47	42	134	192	135	85	12	13	—	3 411	3 829
Miscellaneous and not specified operatives.....	735	43	36	106	94	218	135	60	40	3	—	3 406	3 911
Manufacturing.....	663	30	25	88	83	214	126	54	40	3	—	3 493	3 924
Durable goods.....	352	16	15	38	31	100	68	49	35	—	—	3 760	4 207
Machinery, including electrical.....	22	—	—	5	—	17	—	—	—	—	—	...	...
Other durable goods.....	330	16	15	33	31	83	68	49	35	—	—	3 843	4 586
Nondurable goods, including not specified manufacturing.....	311	14	10	50	52	114	58	5	5	3	—	3 259	3 792
Food and kindred products.....	82	—	—	25	4	32	21	—	—	—	—	...	...
Apparel and other fabricated textile products.....	132	10	5	12	35	54	16	—	—	—	—	3 074	...
Nonmanufacturing industries.....	72	13	11	18	11	4	9	6	—	—	—	...	...
Transport equipment operatives.....	176	26	25	4	35	18	16	19	15	6	12	2 943	...
<b>Laborers, except farm</b> .....	448	52	29	52	96	83	90	17	12	17	—	2 948	3 940
Farmers and farm managers.....	14	—	—	9	—	—	—	—	5	—	—	...	...
Farm laborers and farm foremen.....	52	20	5	21	—	—	6	—	—	—	—	...	...
Paid farm laborers and farm foremen.....	52	20	5	21	—	—	6	—	—	—	—	...	...
Unpaid family workers.....	—	—	—	—	—	—	—	—	—	—	—	...	...
<b>Service workers, except private household<sup>1</sup></b> .....	5 326	385	572	1 067	1 029	1 190	583	244	107	101	48	2 621	3 243
Cleaning service workers.....	817	78	104	228	207	132	40	12	5	5	6	1 993	2 383
Chambermaids and maids.....	331	33	34	97	106	39	11	—	—	5	6	2 014	2 344
Food service workers.....	1 923	178	222	506	398	349	136	77	35	9	13	2 139	2 874
Cooks, except private household.....	848	43	67	276	161	187	44	36	25	—	9	2 236	2 859
Waiters and food counter workers.....	793	94	130	152	185	100	73	41	5	9	4	2 111	2 875
Health service workers.....	1 312	52	66	128	217	452	271	75	33	14	4	3 427	3 685
Nursing aides, orderlies, and attendants.....	830	35	35	90	149	343	135	32	3	4	4	3 309	3 488
Practical nurses.....	221	5	—	21	26	45	81	25	12	6	—	4 167	4 390
Personal service workers.....	800	41	73	129	152	144	93	69	21	53	25	3 035	3 716
Hairdressers and cosmetologists.....	492	26	57	60	104	94	36	49	13	44	9</		

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

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

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

AUGUSTA, GA.—S.C., SMSA—Continued

Negro

	Females with earnings in 1969											Median earnings (dollars)	
	Total, 16 years old and over	\$1 to \$499 or loss	\$500 to \$999	\$1,000 to \$1,999	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 or more	All earners	Earners worked 50 to 52 weeks
<b>Experienced civilian labor force</b>	<b>10 253</b>	<b>1 194</b>	<b>1 114</b>	<b>2 272</b>	<b>1 636</b>	<b>1 903</b>	<b>907</b>	<b>489</b>	<b>350</b>	<b>329</b>	<b>59</b>	<b>2 334</b>	<b>2 978</b>
<b>Professional, technical, and kindred workers</b>	<b>1 077</b>	<b>32</b>	<b>18</b>	<b>63</b>	<b>60</b>	<b>131</b>	<b>90</b>	<b>174</b>	<b>188</b>	<b>288</b>	<b>33</b>	<b>5 830</b>	<b>5 747</b>
Accountants	—	—	—	—	—	—	—	—	—	—	—	—	—
Computer specialists	—	—	—	—	—	—	—	—	—	—	—	—	—
Librarians	33	—	—	—	—	—	—	5	5	23	—	—	—
Mathematical specialists	—	—	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists	5	—	—	—	—	5	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	211	13	9	23	13	31	39	9	29	45	—	4 423	5 778
Dietitians	41	—	9	9	5	18	—	—	—	—	—	—	—
Registered nurses	170	13	—	14	8	13	39	9	29	45	—	4 949	6 263
Health technologists and technicians	42	—	—	7	—	14	10	7	—	4	—	—	—
Social scientists	—	—	—	—	—	—	—	—	—	—	—	—	—
Social and recreation workers	55	—	5	—	—	24	13	—	8	—	5	—	—
Teachers: College and university	13	—	—	—	3	—	—	5	—	5	—	—	—
Elementary and prekindergarten	428	—	4	27	38	24	14	91	105	118	7	6 152	6 600
Secondary	181	6	—	6	—	9	10	39	29	77	5	6 707	—
Other teachers	9	—	—	—	—	—	—	9	—	—	—	—	—
Engineering and science technicians	—	—	—	—	—	—	—	—	—	—	—	—	—
Technicians, except health, and engineering and science	—	—	—	—	—	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	18	8	—	—	—	10	—	—	—	—	—	—	—
Actors and dancers	—	—	—	—	—	—	—	—	—	—	—	—	—
Authors, editors, and reporters	—	—	—	—	—	—	—	—	—	—	—	—	—
Other professional, technical, and kindred workers	82	5	—	—	6	14	4	9	12	16	16	—	—
<b>Managers and administrators, except farm</b>	<b>135</b>	<b>28</b>	<b>17</b>	<b>9</b>	<b>8</b>	<b>14</b>	<b>29</b>	<b>4</b>	<b>8</b>	<b>16</b>	<b>2</b>	<b>3 393</b>	<b>—</b>
Buyers, purchasing agents, and sales managers	8	—	—	—	—	6	—	—	2	—	—	—	—
Restaurant, cafeteria, and bar managers	36	—	—	4	3	8	17	4	—	—	—	—	—
School administrators	18	5	—	—	—	—	—	—	6	5	2	—	—
Other specified managers and administrators	22	17	—	—	—	—	—	—	—	—	—	—	—
Managers and administrators, n.e.c., salaried	47	6	13	5	5	—	12	—	—	6	—	—	—
Wholesale and retail trade	24	—	7	5	—	—	12	—	—	—	—	—	—
Managers and administrators, n.e.c., self-employed	4	—	4	—	—	—	—	—	—	—	—	—	—
Wholesale and retail trade	—	—	—	—	—	—	—	—	—	—	—	—	—
Sales workers	165	16	16	38	23	53	3	16	—	—	—	2 543	3 261
Demonstrators, hucksters, and peddlers	9	—	—	3	—	—	—	6	—	—	—	—	—
Insurance, real estate agents, and brokers	—	—	—	—	—	—	—	—	—	—	—	—	—
Sales clerks, retail trade	110	12	7	35	16	40	—	—	—	—	—	2 063	—
Salesmen, retail trade	7	—	—	—	—	—	3	4	—	—	—	—	—
Other sales workers	39	4	9	—	7	13	—	6	—	—	—	—	—
<b>Clerical and kindred workers</b>	<b>860</b>	<b>57</b>	<b>108</b>	<b>96</b>	<b>127</b>	<b>227</b>	<b>126</b>	<b>74</b>	<b>42</b>	<b>3</b>	<b>—</b>	<b>3 185</b>	<b>3 806</b>
Bank tellers	6	—	—	—	—	6	—	—	—	—	—	—	—
Bookkeepers	37	—	—	5	5	15	7	5	—	—	—	—	—
Cashiers	177	29	18	24	21	70	9	6	—	—	—	2 833	—
Counter clerks, except food	15	—	15	—	—	—	—	—	—	—	—	—	—
Enumerators and interviewers	6	—	6	—	—	—	—	—	—	—	—	—	—
File clerks	38	5	6	—	4	7	2	9	5	—	—	—	—
Office machine operators	19	—	—	—	—	5	14	—	—	—	—	—	—
Bookkeeping and billing machine operators	—	—	—	—	—	—	—	—	—	—	—	—	—
Keypunch operators	19	—	—	—	—	5	14	—	—	—	—	—	—
Payroll and timekeeping clerks	3	—	—	—	—	—	—	—	—	3	—	—	—
Receptionists	4	—	—	4	—	—	—	—	—	—	—	—	—
Secretaries	130	15	13	—	27	34	16	12	13	—	—	3 294	—
Stenographers	—	—	—	—	—	—	—	—	—	—	—	—	—
Telephone operators	110	—	13	26	31	8	28	—	4	—	—	2 516	—
Typists	87	—	15	—	5	19	9	30	9	—	—	—	—
Other clerical and kindred workers	228	8	22	37	34	63	41	12	11	—	—	3 206	3 667
<b>Craftsmen and kindred workers</b>	<b>107</b>	<b>—</b>	<b>5</b>	<b>4</b>	<b>33</b>	<b>32</b>	<b>4</b>	<b>19</b>	<b>4</b>	<b>6</b>	<b>—</b>	<b>3 359</b>	<b>—</b>
Foremen, n.e.c.	10	—	—	—	—	—	4	—	—	6	—	—	—
<b>Operatives, except transport</b>	<b>2 059</b>	<b>114</b>	<b>130</b>	<b>227</b>	<b>442</b>	<b>632</b>	<b>348</b>	<b>126</b>	<b>40</b>	<b>—</b>	<b>—</b>	<b>3 184</b>	<b>3 508</b>
Assemblers	60	—	—	10	5	38	—	—	7	—	—	—	—
Bottling and canning operatives	—	—	—	—	—	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing	56	—	—	—	10	21	8	17	—	—	—	—	—
Dressmakers and seamstresses, except factory	49	—	—	5	20	13	11	—	—	—	—	—	—
Laundry and drycleaning operatives, including ironers	384	41	32	89	104	89	19	5	5	—	—	2 288	2 638
Graders and sorters, manufacturing	9	—	—	—	7	2	—	—	—	—	—	—	—
Packers and wrappers, except produce	211	6	11	14	60	52	28	29	11	—	—	3 279	3 615
Sewers and stitchers	217	16	9	26	39	101	19	7	—	—	—	3 183	3 388
Textile operatives	581	15	46	34	90	162	188	41	5	—	—	3 651	4 123
Other specified operatives	234	18	24	16	54	72	35	9	6	—	—	3 069	3 125
Miscellaneous and not specified operatives	258	18	8	33	53	82	40	18	6	—	—	3 207	3 618
Manufacturing	230	5	8	28	47	78	40	18	6	—	—	3 346	3 703
Durable goods	123	—	—	8	22	34	35	18	6	—	—	3 926	—
Machinery, including electrical	—	—	—	—	—	—	—	—	—	—	—	—	—
Other durable goods	123	—	—	8	22	34	35	18	6	—	—	3 926	—
Nondurable goods, including not specified manufacturing	107	5	8	20	25	44	5	—	—	—	—	2 820	—
Food and kindred products	10	—	—	10	—	—	—	—	—	—	—	—	—
Apparel and other fabricated textile products	65	5	5	7	21	27	—	—	—	—	—	—	—
Nonmanufacturing industries	28	13	—	5	6	4	—	—	—	—	—	—	—
Transport equipment operatives	46	5	9	4	5	12	—	5	6	—	—	—	—
<b>Laborers, except farm</b>	<b>222</b>	<b>30</b>	<b>9</b>	<b>31</b>	<b>68</b>	<b>33</b>	<b>37</b>	<b>5</b>	<b>5</b>	<b>4</b>	<b>—</b>	<b>2 603</b>	<b>3 206</b>
Farmers and farm managers	4	—	—	4	—	—	—	—	—	—	—	—	—
Farm laborers and farm foremen	29	20	—	9	—	—	—	—	—	—	—	—	—
Paid farm laborers and farm foremen	29	20	—	9	—	—	—	—	—	—	—	—	—
Unpaid family workers	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>Service workers, except private household<sup>1</sup></b>	<b>2 931</b>	<b>208</b>	<b>277</b>	<b>735</b>	<b>632</b>	<b>683</b>	<b>247</b>	<b>63</b>	<b>50</b>	<b>12</b>	<b>24</b>	<b>2 388</b>	<b>2 950</b>
Cleaning service workers	748	78	98	202	198	124	30	7	—	5	6	1 980	2 391
Chambermaids and maids	321	33	34	91	102	39	11	—	—	5	6	2 025	2 391
Food service workers	1 075	85	85	344	206	233	53	25	35	—	9	2 114	2 762
Cooks, except private household	662	30	51	229	113	164	16	25	25	—	9	2 186	2 915
Waiters and food counter workers	211	28	14	47	63	31	23	—	5	—	—	2 262	2 644
Health service workers	695	27	30	72	174	263	100	18	7	—	4	3 169	3 357
Nursing aides, orderlies, and attendants	525	21	26	58	134	218	58	6	—	—	4	3 108	3 275
Practical nurses	105	—	—	6	16	27	37	12	7	—	—	4 095	—
Personal service workers	214	6	21	57	44	33	31	10	3	4	5	2 523	3 161
Hairdressers and cosmetologists	83	6	15	23	12	9	13	5	—	—	—	—	—
<b>Private household workers</b>	<b>2 618</b>	<b>684</b>	<b>525</b>	<b>1 052</b>	<b>238</b>	<b>86</b>	<b>23</b>	<b>3</b>	<b>7</b>	<b>—</b>	<b>—</b>	<b>1 095</b>	

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

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

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

**CHATTANOOGA, TENN.—GA., SMSA**

**Total**

	Females with earnings in 1969											Median earnings (dollars)	
	Total, 16 years old and over	\$1 to \$499 or less	\$500 to \$999	\$1,000 to \$1,999	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 or more	All earners	Earnings worked 50 to 52 weeks
<b>Experienced civilian labor force</b> .....	46 425	2 930	3 169	5 767	6 450	8 067	7 423	4 985	2 986	3 998	650	3 607	4 300
<b>Professional, technical, and kindred workers</b> .....	7 070	221	240	444	551	725	761	858	1 055	1 990	225	5 691	6 032
Accountants.....	202	—	11	10	5	22	75	6	19	40	14	4 707	4 907
Computer specialists.....	42	—	—	—	—	7	9	5	8	4	5	—	—
Librarians.....	136	23	4	—	6	—	4	9	29	51	10	6 759	—
Mathematical specialists.....	15	—	—	—	—	6	—	—	4	5	—	—	—
Life and physical scientists.....	42	—	—	—	—	—	10	14	5	9	4	—	—
Registered nurses, dietitians, and therapists.....	1 310	17	38	89	95	186	188	194	125	333	45	5 216	5 851
Dietitians.....	70	—	—	5	5	20	—	25	9	—	6	—	—
Registered nurses.....	1 182	17	32	84	86	147	170	169	109	329	39	5 325	5 972
Health technologists and technicians.....	279	15	12	5	8	36	52	44	44	60	3	5 261	6 068
Social scientists.....	9	—	—	—	—	—	—	—	—	9	—	—	—
Social and recreation workers.....	326	4	10	22	45	35	73	32	59	46	—	4 644	5 725
Teachers: College and university.....	213	9	7	16	29	25	19	11	28	47	22	5 136	—
Elementary and prekindergarten.....	2 058	60	59	138	220	188	92	197	360	725	19	6 208	6 363
Secondary.....	715	18	16	31	43	28	43	71	190	275	—	6 566	7 029
Other teachers.....	173	5	20	47	5	25	16	15	3	28	9	3 380	—
Engineering and science technicians.....	280	5	—	14	13	22	36	65	52	64	9	5 769	6 117
Technicians, except health, and engineering and science.....	18	—	—	—	—	—	—	—	—	—	—	—	—
Writers, artists, and entertainers.....	248	14	27	27	11	45	38	32	18	28	8	4 000	5 148
Actors and dancers.....	10	—	—	—	—	—	—	—	—	—	—	—	—
Authors, editors, and reporters.....	63	4	6	5	6	—	6	6	13	12	5	—	—
Other professional, technical, and kindred workers.....	1 004	51	36	41	71	95	106	155	106	266	77	5 658	5 713
<b>Managers and administrators, except farm</b> .....	1 458	36	31	97	148	174	189	227	104	300	152	5 238	5 739
Buyers, purchasing agents, and sales managers.....	218	6	—	10	14	45	46	31	21	39	6	4 739	4 986
Restaurant, cafeteria, and bar managers.....	224	—	8	42	72	33	8	30	4	18	9	2 861	4 063
School administrators.....	56	—	6	5	4	5	—	5	—	15	16	—	—
Other specified managers and administrators.....	276	14	—	21	10	28	34	55	21	71	22	5 564	5 820
Managers and administrators, n.e.c., salaried.....	523	10	—	14	35	57	85	89	53	124	56	5 680	5 952
Wholesale and retail trade.....	151	—	—	5	12	21	29	31	15	28	10	5 274	5 450
Managers and administrators, n.e.c., self-employed.....	161	6	17	5	13	6	16	17	5	33	43	6 100	6 900
Wholesale and retail trade.....	112	6	12	5	8	6	11	—	5	26	33	7 346	7 614
<b>Sales workers</b> .....	2 834	239	229	443	583	611	275	185	96	126	47	2 868	3 357
Demonstrators, hucksters, and peddlers.....	123	29	30	36	18	—	—	—	—	—	5	1 069	—
Insurance, real estate agents, and brokers.....	236	5	—	27	14	33	39	13	24	48	33	5 000	6 063
Sales clerks, retail trade.....	1 743	148	165	273	441	445	121	82	21	41	6	2 647	3 145
Salesmen, retail trade.....	83	5	—	10	5	10	10	11	9	23	—	—	—
Other sales workers.....	649	52	34	97	105	123	100	79	42	14	3	3 297	3 444
<b>Clerical and kindred workers</b> .....	13 940	657	773	1 303	1 476	2 403	3 090	2 169	1 185	794	90	4 116	4 715
Bank tellers.....	310	6	8	26	39	66	126	29	10	—	—	4 079	4 375
Bookkeepers.....	1 679	38	100	85	131	242	397	332	212	110	32	4 613	5 105
Cashiers.....	867	46	71	188	141	225	105	45	22	24	—	2 911	3 697
Counter clerks, except food.....	205	5	28	14	63	47	25	23	—	—	—	2 881	3 405
Enumerators and interviewers.....	66	25	5	11	—	10	—	—	—	—	5	—	—
File clerks.....	321	12	24	21	42	83	43	58	15	23	—	3 741	4 578
Office machine operators.....	455	15	20	37	31	101	100	91	39	21	—	4 235	4 955
Bookkeeping and billing machine operators.....	40	—	—	6	—	20	—	9	—	5	—	—	—
Keypunch operators.....	350	15	20	31	31	63	82	73	24	11	—	4 183	5 027
Payroll and timekeeping clerks.....	180	—	—	—	5	46	58	22	15	34	—	4 672	4 955
Receptionists.....	371	50	20	25	24	67	106	57	9	4	9	3 993	4 319
Secretaries.....	3 643	170	146	245	313	492	897	678	420	261	21	4 508	4 997
Stenographers.....	173	15	14	17	4	14	21	24	38	26	—	5 063	5 979
Telephone operators.....	551	26	30	62	94	90	114	96	26	13	—	3 706	4 605
Typists.....	972	33	48	91	104	184	269	144	60	39	—	4 097	4 529
Other clerical and kindred workers.....	4 147	216	259	481	485	736	819	570	319	239	23	3 859	4 578
<b>Craftsmen and kindred workers</b> .....	1 082	29	89	110	159	160	224	86	79	112	34	3 963	4 545
Foremen, n.e.c.....	284	5	—	10	29	40	88	27	28	46	11	4 659	4 823
<b>Operatives, except transport</b> .....	9 912	350	559	992	1 600	2 441	2 129	988	316	499	38	3 596	4 197
Assemblers.....	494	14	25	52	66	100	157	59	11	10	—	3 900	4 432
Bottling and canning operatives.....	11	—	6	—	5	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing.....	942	21	35	72	74	247	215	137	60	81	—	4 102	4 583
Dressmakers and seamstresses, except factory.....	141	5	27	41	11	41	16	—	—	—	—	1 939	—
Laundry and drycleaning operatives, including ironers.....	447	27	23	95	161	107	24	5	—	—	5	2 488	2 694
Graders and sorters, manufacturing.....	42	13	11	—	9	9	—	—	—	—	—	—	—
Packers and wrappers, except produce.....	491	37	14	50	93	127	116	19	24	11	—	3 406	4 190
Sewers and stitchers.....	1 293	37	97	154	252	429	246	53	25	—	—	3 248	3 671
Textile operatives.....	3 062	89	116	203	372	648	837	444	127	203	23	4 123	4 572
Other specified operatives.....	1 825	63	120	198	367	476	276	161	48	110	6	3 346	3 925
Miscellaneous and not specified operatives.....	1 164	44	85	127	190	257	242	110	21	84	4	3 529	4 274
Manufacturing.....	1 073	44	80	110	179	239	218	94	21	84	4	3 517	4 280
Durable goods.....	373	—	32	36	59	102	86	42	—	12	4	3 583	4 185
Machinery, including electrical.....	99	—	16	—	11	32	22	12	—	6	—	—	—
Other durable goods.....	274	—	16	36	48	70	64	30	—	6	4	3 529	4 178
Nondurable goods, including not specified manufacturing.....	700	44	48	74	120	137	132	52	21	72	—	3 467	4 352
Food and kindred products.....	210	15	22	27	55	26	49	16	—	—	—	2 745	—
Apparel and other fabricated textile products.....	125	4	17	11	19	48	22	—	—	4	—	3 240	—
Nonmanufacturing industries.....	91	—	5	17	11	18	24	16	—	—	—	—	—
Transport equipment operatives.....	150	—	—	—	36	26	6	23	22	37	—	5 304	—
<b>Laborers, except farm</b> .....	605	48	42	76	83	145	83	92	15	21	—	3 369	4 082
Farmers and farm managers.....	44	6	—	19	5	8	—	—	—	6	—	—	—
Farm laborers and farm foremen.....	101	30	21	19	—	23	8	—	—	—	—	988	—
Paid farm laborers and farm foremen.....	95	24	21	19	—	23	8	—	—	—	—	—	—
Unpaid family workers.....	6	6	—	—	—	—	—	—	—	—	—	—	—
<b>Service workers, except private household<sup>1</sup></b> .....	6 976	751	701	1 448	1 512	1 290	654	337	114	113	56	2 389	3 044
Cleaning service workers.....	912	116	81	214	274	144	45	19	10	4	5	2 164	2 624
Chambermaids and maids.....	304	55	14	78	83	49	11	—	5	4	5	2 060	2 692
Food service workers.....	2 443	341	265	626	590	411	117	43	21	16	13	1 983	2 625
Cooks, except private household.....	967	57	102	279	250	169	51	29	17	—	13	2 182	2 711
Waiters and food counter workers.....	1 099	227	99	264	250	168	61	14	—	16	—	1 847	2 632
Health service workers.....	1 354	60	90	154	209	392	262	152	13	6	16	3 418	3 721
Nursing aides, orderlies, and attendants.....	826	44	43	104	167	321	112	22	8	—	5	3 171	3 352
Practical nurses.....	300	10	16	25	22	21	75	114	5	6	6		

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

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

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

CHATANOOGA, TENN.—GA., SMSA—Continued

Negro

	Females with earnings in 1969											Median earnings (dollars)	
	Total, 16 years old and over	\$1 to \$499 or less	\$500 to \$999	\$1,000 to \$1,999	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 or more	All earners	Earners worked 50 to 52 weeks
<b>Experienced civilian labor force</b> .....	8 056	746	844	1 679	1 730	1 403	690	302	256	383	23	2 439	2 872
<b>Professional, technical, and kindred workers</b> .....	858	25	52	37	90	122	75	83	140	230	4	5 337	5 016
Accountants.....	14	—	5	—	—	9	—	—	—	—	—	...	...
Computer specialists.....	—	—	—	—	—	—	—	—	—	—	—	...	...
Librarians.....	30	6	—	—	6	—	—	—	14	4	—	...	...
Mathematical specialists.....	—	—	—	—	—	—	—	—	—	—	—	...	...
Life and physical scientists.....	—	—	—	—	—	—	—	—	—	—	—	...	...
Registered nurses, dietitians, and therapists.....	100	—	6	3	6	19	33	25	4	4	—	...	...
Dietitians.....	18	—	—	—	—	4	—	14	—	—	—	...	...
Registered nurses.....	77	—	6	3	6	15	28	11	4	4	—	...	...
Health technologists and technicians.....	9	—	—	—	—	—	5	4	—	—	—	...	...
Social scientists.....	—	—	—	—	—	—	—	—	—	—	—	...	...
Social and recreation workers.....	84	—	4	6	13	25	18	—	11	7	—	...	...
Teachers: College and university.....	12	—	7	—	—	5	—	—	—	—	—	...	...
Elementary and prekindergarten.....	317	8	9	20	40	23	8	23	53	129	4	6 519	6 475
Secondary.....	71	—	—	—	15	10	—	—	17	29	—	...	...
Other teachers.....	—	—	—	—	—	—	—	—	—	—	—	...	...
Engineering and science technicians.....	11	—	—	—	—	6	—	—	5	—	—	...	...
Technicians, except health, and engineering and science.....	4	—	—	—	—	—	—	—	4	—	—	...	...
Writers, artists, and entertainers.....	10	—	5	—	5	—	—	—	—	—	—	...	...
Actors and dancers.....	—	—	—	—	—	—	—	—	—	—	—	...	...
Authors, editors, and reporters.....	—	—	—	—	—	—	—	—	—	—	—	...	...
Other professional, technical, and kindred workers.....	196	11	16	8	5	25	11	27	36	57	—	5 815	4 591
<b>Managers and administrators, except farm</b> .....	81	6	—	11	10	25	5	—	4	20	—	...	...
Buyers, purchasing agents, and sales managers.....	4	—	—	—	—	—	—	—	—	4	—	...	...
Restaurant, cafeteria, and bar managers.....	36	—	—	11	5	10	—	—	—	10	—	...	...
School administrators.....	6	—	—	—	—	—	—	—	—	6	—	...	...
Other specified managers and administrators.....	9	—	—	—	—	9	—	—	—	—	—	...	...
Managers and administrators, n.e.c., salaried.....	26	6	—	—	5	6	5	—	4	—	—	...	...
Wholesale and retail trade.....	—	—	—	—	—	—	—	—	—	—	—	...	...
Managers and administrators, n.e.c., self-employed.....	—	—	—	—	—	—	—	—	—	—	—	...	...
Wholesale and retail trade.....	—	—	—	—	—	—	—	—	—	—	—	...	...
<b>Sales workers</b> .....	148	16	—	20	53	18	30	5	—	—	6	2 717	...
Demonstrators, hucksters, and peddlers.....	7	—	—	—	7	—	—	—	—	—	—	...	...
Insurance, real estate agents, and brokers.....	10	—	—	6	—	—	4	—	—	—	—	...	...
Sales clerks, retail trade.....	73	11	—	14	24	13	5	—	—	—	6	...	...
Salesmen, retail trade.....	—	—	—	—	—	—	—	—	—	—	—	...	...
Other sales workers.....	58	5	—	—	22	5	21	5	—	—	—	...	...
<b>Clerical and kindred workers</b> .....	796	59	70	111	138	158	172	53	20	10	5	3 127	4 042
Bank tellers.....	9	—	—	—	—	—	—	9	—	—	—	...	...
Bookkeepers.....	51	—	10	4	—	—	28	—	5	4	—	...	...
Cashiers.....	62	—	17	9	6	24	—	6	—	—	—	...	...
Counter clerks, except food.....	17	—	—	4	5	8	—	—	—	—	—	...	...
Enumerators and interviewers.....	5	5	—	—	—	—	—	—	—	—	—	...	...
File clerks.....	27	5	—	5	6	—	11	—	—	—	—	...	...
Office machine operators.....	19	—	9	—	5	5	—	—	—	—	—	...	...
Bookkeeping and billing machine operators.....	—	—	—	—	—	—	—	—	—	—	—	...	...
Key punch operators.....	19	—	9	—	5	5	—	—	—	—	—	...	...
Payroll and timekeeping clerks.....	—	—	—	—	—	—	4	—	—	—	—	...	...
Receptionists.....	10	—	—	5	—	—	—	5	—	—	—	...	...
Secretaries.....	55	9	—	—	13	19	14	—	—	—	—	...	...
Stenographers.....	—	—	—	—	—	—	—	—	—	—	—	...	...
Telephone operators.....	24	—	—	5	—	7	6	—	—	—	—	...	...
Typists.....	93	6	6	—	8	8	58	7	—	—	—	...	...
Other clerical and kindred workers.....	420	34	28	79	95	87	51	20	15	6	5	2 726	3 653
<b>Craftsmen and kindred workers</b> .....	105	—	—	17	46	23	15	—	—	4	—	2 772	...
Foremen, n.e.c.....	19	—	—	—	5	4	10	—	—	—	—	...	...
<b>Operatives, except transport</b> .....	1 561	43	78	211	438	424	183	55	41	88	—	3 025	3 488
Assemblers.....	78	—	10	9	5	15	14	14	6	5	—	...	...
Bottling and canning operatives.....	—	—	—	9	—	11	3	—	—	—	—	...	...
Checkers, examiners, and inspectors; manufacturing.....	56	6	12	—	6	11	—	—	—	15	—	...	...
Dressmakers and seamstresses, except factory.....	11	—	—	—	—	—	—	—	—	—	—	...	...
Laundry and drycleaning operatives, including ironers.....	280	10	19	47	119	79	6	—	—	—	—	2 538	2 707
Graders and sorters, manufacturing.....	13	—	—	—	4	—	—	—	—	—	—	...	...
Packers and wrappers, except produce.....	102	4	—	11	46	36	5	—	—	—	—	2 783	...
Sewers and stitchers.....	7	—	—	25	9	26	8	—	—	—	—	...	...
Textile operatives.....	214	5	3	19	50	46	55	18	—	18	—	3 652	4 196
Other specified operatives.....	498	11	29	45	164	157	50	7	18	17	—	3 000	3 478
Miscellaneous and not specified operatives.....	234	—	5	46	30	45	42	16	17	33	—	3 800	4 414
Manufacturing.....	214	—	5	33	30	45	35	16	17	33	—	3 867	4 393
Durable goods.....	58	—	—	14	6	16	16	—	—	6	—	...	...
Machinery, including electrical.....	7	—	—	—	—	7	—	—	—	—	—	...	...
Other durable goods.....	51	—	—	14	6	9	16	—	—	6	—	...	...
Nondurable goods, including not specified manufacturing.....	156	—	5	19	24	29	19	16	17	27	—	4 053	4 667
Food and kindred products.....	62	—	—	5	15	18	19	5	—	—	—	...	...
Apparel and other fabricated textile products.....	12	—	5	7	—	—	—	—	—	—	—	...	...
Nonmanufacturing industries.....	20	—	—	13	—	—	7	—	—	—	—	...	...
Transport equipment operatives.....	19	—	—	—	—	6	—	5	—	8	—	...	...
Laborers, except farm.....	120	17	5	38	26	13	15	6	—	—	—	2 000	...
Farmers and farm managers.....	14	—	—	9	5	—	—	—	—	—	—	...	...
Farm laborers and farm foremen.....	13	—	6	—	—	7	—	—	—	—	—	...	...
Paid farm laborers and farm foremen.....	13	—	6	—	—	7	—	—	—	—	—	...	...
Unpaid family workers.....	—	—	—	—	—	—	—	—	—	—	—	...	...
Service workers, except private household <sup>1</sup> .....	2 551	187	255	512	693	559	191	80	51	23	—	2 464	2 745
Cleaning service workers.....	652	48	51	160	223	128	18	10	10	4	—	2 300	2 588
Chambermaids and maids.....	241	39	8	63	73	49	—	—	5	4	—	2 144	2 620
Food service workers.....	782	61	96	163	228	160	40	19	15	—	—	2 311	2 558
Cooks, except private household.....	547	22	59	105	172	119	40	19	11	—	—	2 509	2 684
Waiters and food counter workers.....	81	21	13	21	16	10	—	—	—	—	—	...	...
Health service workers.....	515	21	13	50	80	218	78	45	4	6	—	3 429	3 506
Nursing aides, orderlies, and attendants.....	373	15	5	25	80	192	39	13	4	—	—	3 320	3 338
Practical nurses.....	99	—	8	19	—	5	34	32	—	6	—	...	...
Personal service workers.....	210	9	23	39	51	29	39	—	15	5	—	2 667	2 818
Hairdressers and cosmetologists.....	80	5	11	18	13	—	13	—	15	5	—	...	...
Private household workers.....	1 790	393	378	713	231	48	4	15	—	—	8	1 174	1 344
Private household workers, living in.....	18	4	2	12	—	—	—	—	—	—	—	...	...
Private household workers, living out.....	1 772	389	376	701	231	48	4	15	—	—	8	1 173	1 349

<sup>1</sup>Includes protective service workers and allocated cases not shown separately.