Table 41. Age of Employed Negroes by Detailed Occupation and Sex: 1970

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Male employed	**4 069 397**	**90 391**	**164 763**	**480 649**	**505 949**	**463 813**	**447 616**	**450 196**	**422 988**	**367 685**	**308 817**	**140 744**	**72 344**	**94 051**	**59 391**	**38.7**
Professional, technical, and kindred workers	**237 733**	**1 791**	**5 094**	**30 770**	**41 072**	**37 790**	**33 723**	**27 151**	**20 660**	**14 645**	**10 476**	**4 797**	**2 418**	**4 053**	**3 293**	**35.3**
Accountants	8 955	28	115	1 435	2 153	1 096	1 519	958	593	523	309	96	18	57	55	33.4
Architects	1 120	22	18	130	146	210	136	122	152	39	41	–	37	18	49	36.3
Computer specialists	6 314	–	84	1 167	1 557	1 567	957	462	360	100	44	–	–	–	16	31.1
Computer programers	4 146	–	38	942	1 107	968	590	203	211	68	19	–	–	–	–	29.9
Computer systems analysts	1 946	–	46	225	368	498	351	236	149	32	25	–	–	–	16	33.4
Computer specialists, n.e.c	222	–	–	–	82	101	16	23	–	–	–	–	–	–	–	...
Engineers	13 624	24	135	1 206	2 541	2 520	2 027	1 979	1 545	827	481	167	78	62	32	36.0
Aeronautical and astronautical	748	–	–	82	165	127	172	166	36	–	–	–	–	–	–	35.0
Chemical	367	–	–	42	154	72	–	17	–	23	59	–	–	–	–	...
Civil	2 266	24	33	254	312	543	265	300	269	67	77	53	39	30	–	34.7
Electrical and electronic	3 843	–	83	451	780	637	637	521	361	286	59	–	12	–	16	34.8
Industrial	1 804	–	–	85	268	413	351	360	94	142	91	–	–	–	–	36.9
Mechanical	1 829	–	–	66	330	238	258	243	398	113	63	88	–	32	–	40.5
Metallurgical and materials	159	–	–	25	23	43	–	45	–	–	23	–	–	–	–	...
Mining	77	–	–	–	–	–	–	25	25	–	–	–	27	–	–	...
Petroleum	91	–	–	–	46	45	–	–	–	–	–	–	–	–	–	...
Sales	52	–	–	–	–	14	–	–	38	–	–	–	–	–	–	...
Engineers, n.e.c	2 388	–	19	201	463	388	344	302	324	196	109	26	–	–	16	36.8
Farm management advisors	565	–	–	36	25	–	89	100	83	83	89	44	–	16	–	47.0
Foresters and conservationists	733	55	22	96	83	70	26	75	141	41	24	83	–	–	17	41.0
Home management advisors	16	–	–	–	–	–	–	16	–	–	–	–	–	–	–	...
Lawyers and judges	3 309	–	–	174	319	479	421	493	374	451	180	89	19	131	179	42.7
Judges	279	–	–	–	–	–	23	29	119	–	22	29	–	23	34	...
Lawyers	3 030	–	–	174	319	479	398	464	255	451	158	60	19	108	145	41.6
Librarians, archivists, and curators	1 536	38	204	444	182	123	159	154	82	102	25	–	–	–	23	27.3
Librarians	1 298	38	204	345	161	123	103	154	62	60	25	–	–	–	23	26.9
Archivists and curators	238	–	–	99	21	–	56	–	20	42	–	–	–	–	–	...
Mathematical specialists	737	–	–	59	177	139	154	84	70	34	20	–	–	–	–	34.8
Actuaries	20	–	–	–	–	–	–	–	–	–	20	–	–	–	–	...
Mathematicians	328	–	–	42	55	51	79	65	36	–	–	–	–	–	–	...
Statisticians	389	–	–	17	122	88	75	19	34	34	–	–	–	–	–	...
Life and physical scientists	5 039	–	–	260	1 034	973	962	985	285	294	102	80	29	19	16	36.3
Agricultural	483	–	–	22	38	33	87	87	73	70	20	53	–	–	–	43.5
Atmospheric and space	28	–	–	–	–	–	18	10	–	–	–	–	–	–	–	...
Biological	782	–	–	22	100	188	233	198	–	41	–	–	–	–	–	36.7
Chemists	3 306	–	–	198	792	703	556	544	212	183	54	–	29	19	16	34.7
Geologists	40	–	–	–	26	14	–	–	–	–	–	–	–	–	–	...
Marine	114	–	–	–	–	17	49	48	–	–	–	–	–	–	–	...
Physicists and astronomers	237	–	–	18	49	18	19	78	–	–	28	27	–	–	–	...
Life and physical, n.e.c	49	–	–	–	29	–	–	20	–	–	–	–	–	–	–	...
Operations and systems researchers and analysts	915	–	25	76	284	154	187	77	47	20	45	–	–	–	–	32.4
Personnel and labor relations workers	8 012	22	70	727	1 805	1 304	1 094	1 023	782	576	356	150	34	69	–	35.4
Physicians, dentists, and related practitioners	10 042	–	–	181	1 033	952	1 609	1 545	1 520	779	750	240	325	610	498	44.0
Chiropractors	118	–	–	–	22	–	40	19	–	–	–	–	–	37	–	...
Dentists	2 218	–	–	–	35	188	465	452	403	182	152	–	29	178	134	44.7
Optometrists	127	–	–	–	24	–	22	20	61	–	–	–	–	–	–	...
Pharmacists	2 084	–	–	130	441	188	157	272	296	102	73	60	143	134	88	42.3
Physicians, medical and osteopathic	5 216	–	–	30	471	561	889	730	725	478	525	180	153	261	213	44.5
Podiatrists	193	–	–	–	–	15	27	52	19	17	–	–	–	–	63	...
Veterinarians	86	–	–	21	40	–	9	–	16	–	–	–	–	–	–	...
Health practitioners, n.e.c	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	6 983	49	211	840	965	1 227	1 026	1 006	742	423	275	90	31	44	54	36.0
Dietitians	659	28	66	75	76	46	44	140	81	44	41	18	–	–	–	39.4
Registered nurses	3 572	–	57	348	387	607	619	668	345	241	138	51	31	26	54	38.1
Therapists	2 752	21	88	417	502	574	363	198	316	138	96	21	–	18	–	33.0

Table 41. **Age of Employed Negroes by Detailed Occupation and Sex: 1970**—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

United States

	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Male employed—Con.																
Professional, technical, and kindred workers—Con.																
Health technologists and technicians	8 285	101	233	1 146	1 413	1 542	1 460	1 043	767	219	168	37	43	50	63	34.1
Clinical laboratory technologists and technicians	4 044	22	66	523	789	832	695	477	376	96	45	37	24	26	36	33.7
Dental hygienists	47	–	–	–	–	–	–	47	–	–	–	–	–	–	–	...
Health record technologists and technicians	73	–	–	–	–	–	19	42	12	–	–	–	–	–	–	...
Radiologic technologists and technicians	1 464	49	113	228	322	283	191	65	108	55	18	–	19	–	13	30.4
Therapy assistants	187	–	–	17	–	26	102	22	20	–	–	–	–	–	–	...
Health technologists and technicians, n.e.c	2 470	30	54	378	302	401	453	390	251	68	105	–	–	24	14	35.8
Religious workers	13 020	–	41	276	384	895	873	1 258	1 288	1 611	1 801	1 152	728	1 295	1 418	54.6
Clergymen	12 730	–	23	276	312	895	873	1 258	1 239	1 572	1 762	1 134	728	1 295	1 363	54.7
Religious workers, n.e.c	290	–	18	–	72	–	–	–	49	39	39	18	–	–	55	...
Social scientists	2 145	–	19	161	383	377	387	223	316	98	142	26	–	13	–	36.7
Economists	1 089	–	–	101	224	245	156	75	143	41	65	26	–	13	–	34.5
Political scientists	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Psychologists	630	–	19	–	39	88	127	129	120	31	77	–	–	–	–	41.6
Sociologists	16	–	–	–	–	–	–	–	16	–	–	–	–	–	–	...
Urban and regional planners	378	–	–	60	88	44	104	19	37	26	–	–	–	–	–	...
Social scientists, n.e.c	32	–	–	–	32	–	–	–	–	–	–	–	–	–	–	...
Social and recreation workers	15 231	389	450	2 434	2 801	2 139	1 976	1 817	1 418	859	511	154	65	169	49	33.6
Social	11 178	88	100	1 212	2 142	1 816	1 402	1 642	1 202	725	453	133	65	149	49	35.8
Recreation	4 053	301	350	1 222	659	323	574	175	216	134	58	21	–	20	–	26.2
Teachers, college and university	8 749	85	302	1 061	1 383	1 407	1 218	1 155	750	584	336	101	110	174	83	35.6
Agriculture	72	–	–	24	27	–	–	–	–	21	–	–	–	–	–	...
Atmospheric, earth, marine, and space	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Biology	372	–	–	79	17	87	104	37	29	–	–	–	–	19	–	...
Chemistry	236	–	–	–	20	26	106	–	61	–	–	–	–	–	23	...
Physics	146	–	–	31	53	21	–	41	–	–	–	–	–	–	–	...
Engineering	162	–	–	–	41	–	–	26	62	–	–	33	–	–	–	...
Mathematics	583	–	–	82	184	102	62	60	–	37	23	18	–	–	15	31.3
Health specialties	234	–	–	–	22	80	–	78	20	24	–	–	–	–	10	...
Psychology	184	–	–	19	–	–	96	30	20	–	19	–	–	–	–	...
Business and commerce	126	–	–	82	22	–	–	–	22	–	–	–	–	–	–	...
Economics	113	–	–	–	52	–	–	18	25	18	–	–	–	–	–	...
History	388	–	–	21	132	131	38	42	–	–	–	24	–	–	–	...
Sociology	213	–	–	–	37	48	21	34	10	44	19	–	–	–	–	...
Social science teachers, n.e.c	186	–	–	46	16	49	20	19	–	–	–	–	–	36	–	...
Art, drama, and music	715	–	–	27	144	107	142	180	64	49	–	–	–	–	–	37.8
Coaches and physical education	549	18	39	98	110	94	69	62	16	24	19	–	–	–	–	30.5
Education	153	–	–	–	–	20	55	29	–	–	27	–	22	–	–	...
English	344	–	–	–	92	51	46	20	48	19	24	26	–	18	–	...
Foreign language	229	–	–	43	27	27	67	20	20	–	–	–	25	–	–	...
Home economics	16	–	–	–	–	–	–	–	–	–	–	–	–	16	–	...
Law	62	–	–	–	–	17	45	–	–	–	–	–	–	–	–	...
Theology	70	–	–	–	20	–	–	–	–	50	–	–	–	–	–	...
Trade, industrial, and technical	269	–	–	41	43	–	23	59	53	19	–	–	–	31	–	...
Miscellaneous teachers, college and university	155	–	–	–	23	43	20	21	24	24	–	–	–	–	–	...
Teachers, college and university, subject not specified	3 172	67	263	468	301	504	302	379	276	255	205	–	63	54	35	34.8
Teachers, except college and university	49 908	243	284	4 839	9 532	9 293	8 439	5 774	3 754	3 136	2 180	1 206	360	624	244	35.5
Adult education	1 291	21	54	215	225	156	134	146	116	88	67	16	–	53	–	34.2
Elementary school	19 202	68	89	2 026	3 928	3 493	3 060	2 264	1 375	1 122	813	384	175	286	119	35.0
Public	17 479	68	13	1 782	3 445	3 278	2 818	2 112	1 285	1 018	734	384	156	286	100	35.3
Private	1 723	–	76	244	483	215	242	152	90	104	79	–	19	–	19	31.4
Prekindergarten and kindergarten	365	–	–	84	18	57	79	–	27	64	36	–	–	–	–	...
Public	271	–	–	84	18	–	79	–	13	64	13	–	–	–	–	...
Private	94	–	–	–	–	57	–	–	14	–	23	–	–	–	–	...

Table 41. **Age of Employed Negroes by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Male employed—Con.																
Professional, technical, and kindred workers—Con.																
Teachers, except college and university—Continued																
Secondary school	27 202	87	105	2 297	5 230	5 298	4 983	3 162	2 047	1 636	1 162	758	185	178	74	35.6
Public	24 369	87	84	2 012	4 468	4 863	4 478	2 882	1 793	1 536	1 106	666	185	147	62	35.7
Private	2 833	–	21	285	762	435	505	280	254	100	56	92	–	31	12	34.0
Teachers, except college and university, n.e.c	1 848	67	36	217	131	289	183	202	189	226	102	48	–	107	51	40.0
Engineering and science technicians	22 223	133	949	5 357	4 287	3 629	2 715	1 955	1 457	733	630	183	80	44	71	30.5
Agriculture and biological, except health	908	–	14	156	165	173	84	18	105	60	44	–	59	–	30	33.4
Chemical	2 190	–	76	682	440	299	184	203	124	80	83	19	–	–	–	28.8
Draftsmen	6 930	23	328	2 052	1 599	1 051	768	299	471	162	96	15	21	25	20	28.3
Electrical and electronic engineering	4 542	–	102	710	917	814	707	580	339	129	144	79	–	–	21	33.3
Industrial engineering	436	–	–	146	87	19	67	87	30	–	–	–	–	–	–	29.1
Mechanical engineering	452	–	–	19	24	67	106	152	–	60	–	24	–	–	–	40.3
Mathematical	17	–	–	–	17	–	–	–	–	–	–	–	–	–	–	...
Surveyors	972	–	88	341	108	45	141	111	54	31	53	–	–	–	–	27.6
Engineering and science, n.e.c	5 776	110	341	1 251	930	1 161	658	505	334	211	210	46	–	19	–	31.1
Technicians, except health, and engineering and science	3 238	32	41	420	559	476	580	374	321	213	112	42	–	22	46	35.8
Airplane pilots	77	–	–	–	–	22	21	–	16	18	–	–	–	–	–	...
Air traffic controllers	694	–	–	42	178	122	117	118	41	38	38	–	–	–	–	35.2
Embalmers	298	–	–	–	22	104	16	37	76	–	–	–	–	22	21	...
Flight engineers	85	–	–	19	17	–	49	–	–	–	–	–	–	–	–	...
Radio operators	614	32	–	224	39	67	84	25	30	64	24	–	–	–	25	30.9
Tool programers, numerical control	99	–	–	–	–	71	–	–	28	–	–	–	–	–	–	...
Technicians, n.e.c	1 371	–	41	135	303	90	293	194	130	93	50	42	–	–	–	37.0
Vocational and educational counselors	4 457	52	22	599	751	567	740	639	394	256	175	102	49	111	–	36.6
Writers, artists, and entertainers	17 485	257	867	2 982	3 269	3 195	2 207	1 516	1 145	708	593	234	207	218	87	32.1
Actors	429	–	15	95	46	123	60	13	77	–	–	–	–	–	–	32.4
Athletes and kindred workers	1 998	58	134	478	429	261	189	143	147	–	60	21	49	29	–	28.8
Authors	261	–	–	–	18	109	24	87	–	23	–	–	–	–	–	...
Dancers	66	28	–	38	–	–	–	–	–	–	–	–	–	–	–	...
Designers	1 319	–	–	203	263	328	252	98	46	69	27	13	–	20	–	32.9
Editors and reporters	1 551	–	92	356	217	288	128	84	154	42	61	43	–	50	36	31.9
Musicians and composers	4 546	100	280	894	1 169	678	506	258	147	209	150	33	56	66	–	29.3
Painters and sculptors	1 485	–	91	246	270	297	226	129	80	25	96	–	25	–	–	32.3
Photographers	1 686	–	121	166	194	233	298	174	314	71	74	41	–	–	–	37.2
Public relations men and publicity writers	1 557	–	–	171	321	219	243	260	17	168	62	44	27	25	–	36.4
Radio and television announcers	506	–	45	99	112	83	35	79	17	–	–	–	36	–	–	29.9
Writers, artists, and entertainers, n.e.c	2 081	71	89	236	230	576	246	191	146	101	63	39	14	28	51	33.6
Research workers, not specified	1 849	22	65	391	433	264	142	172	125	123	56	38	–	–	18	30.3
Professional, technical, and kindred workers—allocated	23 243	239	937	4 273	3 573	3 192	2 620	2 146	2 149	1 813	1 031	483	205	307	275	34.1
Managers and administrators, except farm	**119 562**	**527**	**1 102**	**8 783**	**14 488**	**16 074**	**15 327**	**15 700**	**14 762**	**12 652**	**9 074**	**3 857**	**2 017**	**2 838**	**2 361**	**41.1**
Assessors, controllers, and treasurers; local public administration	249	20	–	–	36	–	–	46	63	–	33	–	–	–	51	...
Bank officers and financial managers	3 083	62	21	606	819	566	233	259	298	35	44	19	57	46	18	30.3
Buyers and shippers, farm products	162	–	20	24	19	43	21	–	23	12	–	–	–	–	–	...
Buyers, wholesale and retail trade	1 724	–	–	351	211	307	225	164	177	143	59	42	32	–	13	34.9
Credit men	355	–	–	202	58	45	–	35	–	–	–	–	15	–	–	...
Funeral directors	2 667	–	25	43	111	357	183	272	299	417	257	218	73	62	350	50.5
Health administrators	1 888	–	–	22	200	320	173	337	355	219	162	73	–	–	27	43.4
Construction inspectors, public administration	318	–	–	–	26	53	–	22	78	56	83	–	–	–	–	...
Inspectors, except construction; public administration	3 897	24	22	154	312	629	303	585	803	741	167	60	37	16	44	44.3
Federal public administration and postal service	2 770	24	–	110	142	424	227	446	666	544	90	60	37	–	–	45.1
State public administration	385	–	22	–	54	75	17	99	58	46	14	–	–	–	–	...
Local public administration	742	–	–	44	116	130	59	40	79	151	63	–	–	16	44	42.8
Managers and superintendents, building	2 802	–	–	41	254	413	192	208	319	185	479	126	97	250	238	49.6
Office managers, n.e.c	1 133	–	–	141	77	149	166	71	247	141	60	61	20	–	–	42.4
Officers, pilots, and pursers, ship	191	–	–	–	–	19	16	45	36	43	–	12	20	–	–	...

Table 41. Age of Employed Negroes by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Male employed—Con.																
Managers and administrators, except farm—Con.																
Officials and administrators, public administration, n.e.c	7 652	14	65	440	729	713	1 241	1 348	1 273	953	436	173	109	97	61	42.3
Federal public administration and postal service	3 990	–	14	193	233	396	651	803	693	587	257	109	37	17	–	43.2
State public administration	1 346	–	–	97	208	40	215	167	178	223	112	29	39	23	15	43.4
Local public administration	2 316	14	51	150	288	277	375	378	402	143	67	35	33	57	46	40.0
Officials of lodges, societies, and unions	2 346	–	–	83	178	260	358	351	310	456	189	91	–	36	34	44.2
Postmasters and mail superintendents	186	–	–	–	–	–	42	–	–	36	77	31	–	–	–	...
Purchasing agents and buyers, n.e.c	1 826	30	64	103	163	328	315	285	255	180	65	38	–	–	–	38.6
Railroad conductors	1 113	–	–	76	147	213	87	323	48	134	48	–	18	–	19	40.5
Restaurant, cafeteria, and bar managers	7 047	22	132	272	664	987	907	890	764	877	695	304	173	258	102	43.0
Sales managers and department heads, retail trade	2 916	18	40	529	807	531	328	320	143	141	34	25	–	–	–	30.6
Sales managers, except retail trade	1 394	–	–	158	327	223	237	161	118	65	86	–	–	19	–	34.8
School administrators, college	1 289	–	22	91	176	190	254	174	31	129	106	76	19	21	–	38.3
School administrators, elementary and secondary	7 344	–	47	80	222	567	1 387	1 322	1 187	1 032	868	337	144	124	27	45.2
Managers and administrators, n.e.c., salaried	39 134	225	404	3 335	6 233	6 315	5 543	4 973	4 376	3 129	2 067	885	468	781	400	37.8
Construction	3 992	62	21	219	250	480	673	642	547	456	285	81	66	119	91	42.3
Durable goods manufacturing	2 663	–	70	173	544	533	414	407	180	144	117	47	–	–	34	35.1
Nondurable goods, incl. not specified manufacturing	2 516	27	–	103	661	250	408	381	241	179	85	43	51	19	68	37.7
Transportation	1 745	–	23	78	178	187	329	204	340	116	92	62	28	86	22	41.9
Communications, and utilities and sanitary services	977	–	–	167	199	139	36	83	153	94	66	17	–	23	–	34.4
Wholesale trade	2 254	25	37	140	355	427	388	201	311	187	77	30	76	–	–	36.8
Retail trade	11 654	39	152	1 527	2 239	2 244	1 479	1 146	1 000	652	591	214	92	185	94	34.2
Hardware, farm equipment, and building material retailing	411	–	–	100	36	84	64	49	–	57	–	–	–	21	–	34.1
General merchandise stores	1 884	–	20	327	503	385	191	155	87	–	113	81	22	–	–	31.2
Food stores	3 477	–	23	393	595	634	509	355	269	217	263	60	–	82	77	35.9
Motor vehicles and accessories retailing	703	–	–	44	157	129	86	73	91	58	65	–	–	–	–	36.3
Gasoline service stations	2 008	39	109	194	268	364	302	188	297	75	106	20	46	–	–	35.5
Apparel and accessories stores	737	–	–	99	216	150	98	28	19	79	20	28	–	–	–	31.8
Furniture, home furnishings, and equipment stores	553	–	–	17	33	128	109	64	66	86	–	25	–	25	–	39.5
Other retail trade	1 881	–	–	353	431	370	120	234	171	80	24	–	24	57	17	32.1
Finance, insurance and real estate	2 707	–	24	229	241	384	272	277	320	402	202	133	74	140	9	43.7
Business and repair services	2 703	–	42	292	412	545	369	470	221	136	112	39	19	18	28	35.8
Personal services	1 993	–	–	40	344	178	365	212	183	328	134	63	41	90	15	41.6
All other industries[1]	5 930	72	35	367	810	948	810	950	880	435	306	156	21	101	39	39.5
Managers and administrators, n.e.c., self-employed	18 698	–	75	561	1 098	1 478	2 113	2 426	2 575	2 710	2 421	1 010	470	866	895	48.1
Construction	4 081	–	17	199	296	370	413	537	683	706	495	64	69	164	68	46.5
Durable goods manufacturing	750	–	–	33	36	64	121	65	168	50	82	68	44	19	–	46.7
Nondurable goods, incl. not specified manufacturing	176	–	–	–	–	18	–	15	61	30	–	–	33	–	19	...
Transportation	990	–	–	–	59	122	107	179	127	194	146	–	18	16	22	46.1
Communications, and utilities and sanitary services	63	–	–	–	–	48	–	–	–	15	–	–	–	–	–	...
Wholesale trade	933	–	–	–	36	–	225	97	91	145	177	85	–	40	37	50.6
Retail trade	7 660	–	14	162	473	508	794	967	909	1 008	1 071	551	234	339	630	50.0
Hardware, farm equipment, and building material retailing	128	–	–	–	–	–	–	–	40	30	58	–	–	–	–	...
General merchandise stores	216	–	–	–	23	–	38	–	26	21	44	–	–	–	64	...
Food stores	3 698	–	–	93	85	137	319	452	321	537	653	295	176	279	351	54.1
Motor vehicles and accessories retailing	148	–	–	–	21	–	22	20	64	–	–	–	–	21	–	...
Gasoline service stations	2 056	–	–	24	245	295	276	310	258	245	247	127	–	6	23	43.0
Apparel and accessories stores	232	–	–	–	–	20	47	15	19	28	–	19	–	–	84	...
Furniture, home furnishings, and equipment stores	245	–	–	–	–	–	65	84	19	41	–	–	36	–	–	...
Other retail trade	937	–	14	45	99	56	27	86	162	106	69	110	22	33	108	49.4
Finance, insurance, and real estate	198	–	–	–	–	24	17	25	41	14	25	–	–	52	–	...
Business and repair services	1 399	–	–	41	78	167	180	205	194	183	218	49	–	–	84	45.7
Personal services	1 445	–	–	56	36	111	126	204	173	219	86	148	72	195	19	50.4
All other industries[1]	1 003	–	44	70	84	46	130	132	128	146	121	45	–	41	16	44.8
Managers and administrators, except farm—allocated	10 148	112	165	1 471	1 621	1 368	1 003	1 083	984	818	638	276	265	262	82	36.7

[1] Includes transportation, communications, and other public utilities—allocated.

Table 41. **Age of Employed Negroes by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Male employed—Con.																
Sales workers	**80 686**	**4 140**	**6 080**	**12 375**	**12 926**	**9 994**	**8 948**	**7 477**	**5 820**	**4 445**	**3 037**	**1 815**	**1 008**	**1 345**	**1 276**	**32.4**
Advertising agents and salesmen	651	–	27	75	88	85	140	105	52	14	25	23	17	–	–	36.8
Auctioneers	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Demonstrators	96	–	–	45	24	–	–	9	18	–	–	–	–	–	–	...
Hucksters and peddlers	804	62	17	114	180	47	97	36	14	114	16	64	21	22	–	33.1
Insurance agents, brokers, and underwriters	9 749	–	16	1 522	2 509	1 776	933	890	836	480	301	215	56	119	96	32.3
Newsboys	1 808	866	197	130	216	22	63	54	–	130	18	–	105	7	–	18.4
Real estate agents and brokers	3 065	–	–	107	187	339	363	604	511	166	170	219	112	79	208	44.4
Stock and bond salesmen	990	–	22	154	142	138	138	86	148	47	52	47	–	–	16	36.4
Salesmen and sales clerks, n.e.c	53 283	2 391	3 799	7 933	8 349	6 622	6 632	4 979	3 822	3 173	2 067	1 036	580	982	918	33.1
Sales representatives, manufacturing industries	4 346	77	69	549	1 051	787	542	460	303	179	123	26	64	46	70	32.7
Sales representatives, wholesale trade	7 141	79	115	748	1 383	995	1 150	903	591	467	399	81	22	119	89	36.1
Sales clerks, retail trade	30 891	2 088	3 269	5 411	4 454	3 336	3 210	2 277	1 855	1 759	1 008	580	385	722	537	30.3
General merchandise stores	7 606	460	1 152	1 489	1 162	982	623	475	425	293	182	129	103	87	44	28.0
Food stores	5 256	390	499	593	471	478	506	519	281	415	262	168	102	271	301	36.9
Apparel and accessories stores	6 289	777	863	1 570	1 051	588	423	304	158	228	120	84	39	57	27	24.8
Other sales clerks, retail trade	11 740	461	755	1 759	1 770	1 288	1 658	979	991	823	444	199	141	307	165	34.4
Salesmen, retail trade	7 910	67	217	822	993	1 205	1 229	1 127	748	489	448	273	63	75	154	37.6
Motor vehicles and accessories dealers	3 433	–	16	288	350	567	456	635	342	298	204	209	27	18	23	40.3
Salesmen of services and construction	2 995	80	129	403	468	299	501	212	325	279	89	76	46	20	68	36.2
Sales workers—allocated	10 240	821	2 002	2 295	1 231	965	582	714	419	321	388	211	117	136	38	25.0
Clerical and kindred workers	**330 492**	**8 871**	**21 606**	**58 071**	**48 528**	**38 436**	**34 636**	**32 936**	**30 397**	**24 706**	**16 362**	**6 630**	**3 614**	**3 350**	**2 349**	**33.7**
Bank tellers	2 728	20	251	1 031	468	331	201	152	100	95	53	–	–	–	26	25.7
Billing clerks	1 033	–	59	249	350	205	–	79	18	38	21	–	–	–	14	28.0
Bookkeepers	11 165	149	531	2 501	2 169	1 403	1 002	925	922	629	325	174	237	76	122	30.8
Cashiers	8 798	1 199	1 608	1 720	805	640	621	379	626	510	317	133	90	93	57	24.6
Clerical assistants, social welfare	20	–	–	–	20	–	–	–	–	–	–	–	–	–	–	...
Clerical supervisors, n.e.c	3 953	22	18	234	386	525	595	674	597	459	215	158	12	13	45	41.5
Collectors, bill and account	1 483	–	42	298	329	318	133	31	70	104	49	18	66	–	25	31.1
Counter clerks, except food	4 255	206	297	827	596	484	393	445	325	157	226	22	78	99	100	32.1
Dispatchers and starters, vehicle	2 021	69	21	192	203	285	160	371	257	145	203	43	63	–	9	41.1
Enumerators and interviewers	1 301	62	87	423	339	117	25	53	109	–	60	–	–	26	–	26.2
Estimators and investigators, n.e.c	3 583	–	43	414	786	367	593	302	321	402	211	81	19	31	13	36.5
Expeditors and production controllers	5 355	–	63	821	1 093	626	574	788	563	424	277	91	–	35	–	35.6
File clerks	9 551	529	1 262	2 295	1 148	997	726	745	600	531	328	131	89	87	83	28.0
Insurance adjusters, examiners, and investigators	1 288	–	–	229	450	144	193	139	46	65	22	–	–	–	–	29.6
Library attendants and assistants	2 485	377	509	707	395	106	103	86	44	69	69	–	–	20	–	22.5
Mail carriers, post office	26 527	70	418	3 204	3 304	3 185	3 467	3 796	4 123	2 631	1 424	434	210	143	118	39.4
Mail handlers, except post office	11 305	410	1 173	2 729	1 449	800	959	821	621	906	673	303	282	58	121	29.6
Messengers, including telegraph, and office boys	6 729	760	779	1 151	531	565	339	448	480	421	506	200	126	219	204	31.3
Meter readers, utilities	2 393	–	246	487	678	239	300	106	176	72	89	–	–	–	–	28.4
Office machine operators	12 832	202	918	3 373	2 697	1 829	1 258	1 012	718	387	84	140	26	74	114	28.6
Bookkeeping and billing machine	559	–	45	162	112	46	–	98	28	23	22	23	–	–	–	28.2
Calculating machine	429	–	60	132	95	26	–	65	32	19	–	–	–	–	–	26.2
Computer and peripheral equipment	5 708	21	277	1 610	1 293	1 017	763	325	250	121	–	18	–	–	13	28.7
Duplicating machine	1 111	25	149	235	142	96	85	110	85	95	–	45	–	44	–	30.2
Keypunch	3 212	110	236	890	742	404	328	236	86	70	42	18	–	–	50	27.5
Tabulating machine	429	–	–	59	88	71	20	92	61	21	–	17	–	–	–	34.8
Office machine, n.e.c	1 384	46	151	285	225	169	62	86	176	38	20	19	26	30	51	29.7
Payroll and timekeeping clerks	2 325	18	20	531	332	344	354	237	138	197	103	–	31	20	–	33.8
Postal clerks	37 480	431	932	3 842	4 577	4 450	4 836	5 183	5 341	3 925	2 510	704	381	324	44	39.7
Proofreaders	471	–	81	176	61	21	48	22	35	–	27	–	–	–	–	24.4
Real estate appraisers	224	–	–	20	–	16	22	36	20	14	44	–	–	31	21	...
Receptionists	1 795	48	117	366	277	126	127	162	298	84	107	23	–	23	37	33.6

Table 41. Age of Employed Negroes by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Male employed—Con.																
Clerical and kindred workers—Continued																
Secretaries	3 373	91	275	817	597	309	453	196	127	121	52	114	107	21	93	29.2
Secretaries, legal	25	–	25	–	–	–	–	–	–	–	–	–	–	–	–	...
Secretaries, medical	90	–	23	29	–	20	18	–	–	–	–	–	–	–	–	...
Shipping and receiving clerks	47 941	332	2 145	7 319	7 732	6 698	5 748	5 329	4 107	3 757	2 502	1 107	414	507	244	34.8
Statistical clerks	5 038	46	180	999	758	576	575	329	606	531	251	90	40	40	17	34.7
Stenographers	134	–	–	–	40	20	54	–	20	–	–	–	–	–	–	...
Stock clerks and storekeepers	38 639	1 264	2 723	6 617	5 612	4 151	3 735	3 414	3 431	3 112	2 115	1 051	636	437	341	33.7
Teacher aides, except school monitors	2 369	369	447	614	273	236	92	61	18	40	89	40	–	90	–	23.0
Telegraph operators	242	–	–	–	40	42	47	44	21	25	–	–	23	–	–	...
Telephone operators	1 852	66	227	528	121	177	226	42	106	112	102	21	–	74	50	29.3
Ticket, station, and express agents	3 766	–	85	508	859	679	263	478	200	181	272	106	91	44	–	33.2
Typists	6 538	332	476	1 685	1 126	768	703	454	314	292	230	71	42	45	–	28.4
Weighers	3 119	47	86	493	420	375	375	306	341	287	84	173	32	74	26	36.8
Miscellaneous and not specified clerical workers	22 577	802	1 747	4 818	3 063	2 586	1 894	2 068	1 923	1 630	1 123	375	150	256	142	31.7
Occupation:																
Miscellaneous clerical workers	9 561	206	607	1 755	1 544	1 229	909	944	930	734	376	151	66	59	51	32.7
Not specified clerical workers	13 016	596	1 140	3 063	1 519	1 357	985	1 124	993	896	747	224	84	197	91	30.7
Industry:																
Manufacturing	3 218	59	129	814	514	398	353	287	192	192	230	27	–	–	23	31.2
Transportation, communications, and other public utilities	2 483	48	123	387	444	382	215	219	220	259	115	51	–	–	20	33.1
Wholesale and retail trade	3 360	255	436	566	475	279	227	313	410	156	85	42	97	19	–	29.5
Finance, insurance, and real estate	3 427	65	295	1 305	471	399	259	101	163	132	138	22	–	47	30	25.5
Professional and related services	3 789	218	554	1 119	491	293	251	292	145	199	108	63	17	22	17	25.0
Public administration	4 427	120	114	444	424	540	434	699	506	546	333	80	36	134	17	41.0
All other industries	1 873	37	96	183	244	295	155	157	287	146	114	90	–	34	35	37.6
Clerical and kindred workers—allocated	33 804	950	3 740	5 853	4 444	3 696	3 442	3 223	2 635	2 353	1 599	827	369	390	283	32.6
Craftsmen and kindred workers	**626 709**	**4 800**	**15 984**	**62 577**	**80 878**	**79 717**	**79 112**	**79 971**	**73 942**	**60 656**	**44 306**	**18 778**	**9 900**	**10 601**	**5 487**	**39.4**
Automobile accessories installers	718	42	37	157	163	102	41	51	74	31	20	–	–	–	–	28.8
Bakers	9 097	148	272	906	1 220	1 560	929	1 205	1 060	786	477	225	97	152	60	37.4
Cabinetmakers	3 553	–	201	392	549	346	549	484	302	251	229	44	37	102	67	37.6
Carpet installers	2 775	40	70	487	674	509	306	284	190	130	67	–	–	18	–	31.1
Construction craftsmen	195 806	1 396	3 891	16 693	20 378	23 047	25 042	26 201	24 531	21 650	16 474	7 154	3 398	3 907	2 044	41.4
Brickmasons and stonemasons	25 996	169	437	2 017	2 997	3 107	3 358	4 181	3 792	2 329	2 034	634	323	392	226	41.1
Brickmasons and stonemasons, apprentices	447	–	74	21	106	–	130	58	33	–	25	–	–	–	–	35.9
Bulldozer operators	9 881	58	184	960	820	1 312	1 275	1 281	1 254	1 203	766	402	171	131	64	41.3
Carpenters	45 926	407	879	3 878	4 152	4 251	5 565	5 493	5 249	6 392	4 429	2 014	1 057	1 411	749	43.5
Carpenter apprentices	644	–	78	308	143	55	–	–	19	21	–	20	–	–	–	24.0
Cement and concrete finishers	21 076	24	216	1 094	1 914	2 965	2 958	3 030	2 824	2 723	2 051	652	396	160	69	42.3
Electricians	14 185	26	377	2 012	2 245	2 261	1 962	1 623	1 436	823	866	168	77	245	64	35.4
Electrician apprentices	647	–	71	244	126	86	46	19	21	17	17	–	–	–	–	25.3
Excavating, grading, and road machine operators; except bulldozer	13 456	119	284	1 067	1 368	1 815	1 880	2 084	1 647	997	1 046	737	160	151	101	40.5
Floor layers, except tile setters	1 281	–	45	181	195	138	184	67	124	160	155	13	19	–	–	37.2
Painters, construction and maintenance	28 964	348	690	2 459	2 746	3 140	3 347	3 898	3 854	3 295	2 422	1 148	600	660	357	42.2
Painter apprentices	55	16	39	–	–	–	–	–	–	–	–	–	–	–	–	...
Paperhangers	331	–	–	–	69	–	44	64	67	–	20	18	20	–	29	...
Plasterers	5 524	–	67	206	370	490	595	797	903	984	340	245	166	264	97	46.3
Plasterer apprentices	73	–	–	30	20	–	–	–	–	–	–	–	–	23	–	...
Plumbers and pipe fitters	18 019	170	393	1 519	2 005	2 114	2 188	2 128	2 191	1 863	1 654	812	325	417	240	41.5
Plumber and pipe fitter apprentices	377	13	25	121	46	66	72	–	34	–	–	–	–	–	–	...
Roofers and slaters	6 681	55	217	812	804	907	921	972	612	630	443	166	63	55	24	38.0
Structural metal craftsmen	1 716	–	20	223	412	182	242	160	251	–	153	73	–	–	–	35.4
Tile setters	2 770	20	82	265	281	365	523	423	327	251	95	72	21	21	24	38.6

Table 41. **Age of Employed Negroes by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Male employed—Con.																
Craftsmen and kindred workers—Continued																
Cranemen, derrickmen, and hoistmen	19 655	–	281	1 517	2 278	2 231	2 629	3 148	2 904	2 475	1 197	570	244	109	72	41.4
Decorators and window dressers	1 645	97	41	208	197	230	266	144	78	157	132	–	25	18	52	35.9
Dental laboratory technicians	931	–	–	71	195	93	127	130	99	107	26	21	–	32	30	39.2
Electric power linemen and cablemen	3 855	19	155	718	709	361	519	419	312	297	220	58	68	–	–	34.5
Engravers, except photoengravers	254	–	18	34	68	39	59	–	20	–	16	–	–	–	–	...
Foremen, n.e.c	50 786	144	353	2 244	5 814	7 756	8 187	8 171	6 784	4 632	3 592	1 241	842	746	280	40.5
Construction	5 253	–	–	105	463	791	888	1 029	722	484	420	154	95	102	–	41.8
Manufacturing	25 483	21	176	1 361	3 204	4 364	4 484	4 161	3 193	1 890	1 660	356	265	279	69	39.0
Metal industries	4 685	–	75	200	398	749	928	735	556	438	389	84	111	22	–	40.0
Machinery, except electrical	997	–	33	28	163	83	87	242	212	18	53	37	41	–	–	42.2
Electrical machinery, equipment, and supplies	1 812	–	–	177	232	280	273	394	256	68	110	–	–	22	–	39.0
Transportation equipment	3 584	–	–	99	490	676	650	596	481	235	293	43	–	21	–	39.1
Other durable goods	4 238	21	–	99	580	969	700	473	534	389	304	43	16	58	52	38.2
Food and kindred products	2 697	–	–	181	347	324	607	434	400	227	83	20	36	21	17	39.1
Textiles, textile products, and apparel	2 131	–	50	239	387	264	340	311	160	147	121	55	30	27	–	36.8
Other nondurable goods, including not specified manufacturing	5 339	–	18	338	607	1 019	899	976	594	368	307	74	31	108	–	38.8
Transportation	2 862	–	–	138	151	380	182	532	503	401	263	205	29	63	15	45.5
Communications, and utilities and sanitary services	2 014	–	51	65	81	203	315	332	305	336	163	87	44	15	17	44.4
Wholesale and retail trade	7 367	51	42	387	1 195	1 187	1 365	967	709	565	418	205	109	99	68	38.0
All other industries[1]	7 807	72	84	188	720	831	953	1 150	1 352	956	668	234	300	188	111	44.6
Furniture and wood finishers	2 121	34	108	162	296	264	329	249	225	176	134	63	48	33	–	38.0
Furriers	43	–	–	20	–	23	–	–	–	–	–	–	–	–	–	...
Glaziers	1 181	–	38	131	226	159	168	85	96	44	103	36	25	33	37	36.1
Inspectors, scalers, and graders; log and lumber	2 011	–	54	144	227	165	130	226	240	350	296	106	40	22	11	46.2
Inspectors, n.e.c	4 813	–	131	428	583	331	526	868	465	844	280	121	68	74	94	42.3
Construction	312	–	–	10	62	37	70	87	19	–	27	–	–	–	–	...
Railroads and railway express service	746	–	20	87	43	17	41	115	53	205	63	61	41	–	–	49.7
Jewelers and watchmakers	436	–	–	81	121	91	39	46	–	40	–	18	–	–	–	30.9
Locomotive engineers	900	–	–	74	54	77	–	85	133	239	72	89	19	37	21	50.6
Locomotive firemen	556	–	19	44	123	20	–	16	18	77	52	61	18	83	25	52.5
Mechanics and repairmen	140 805	1 028	3 545	13 081	19 898	19 567	18 384	18 277	16 617	12 161	9 307	4 081	2 209	1 811	839	38.6
Air conditioning, heating, and refrigeration	3 559	–	103	371	473	488	434	596	373	406	158	105	16	19	17	39.0
Aircraft	6 489	18	51	593	899	1 067	908	803	710	702	538	151	33	16	–	38.4
Automobile body repairmen	6 484	68	158	675	1 108	1 126	874	928	593	435	290	111	54	48	16	35.6
Automobile mechanics	66 697	546	1 520	6 133	8 669	9 176	8 482	8 916	8 329	5 847	4 477	2 026	1 247	911	418	39.3
Automobile mechanic apprentices	132	18	23	33	19	14	–	25	–	–	–	–	–	–	–	...
Data processing machine repairmen	1 169	21	40	270	374	186	150	75	28	–	–	25	–	–	–	28.4
Farm implement	1 299	–	20	84	133	249	98	108	262	77	136	70	36	26	–	43.0
Heavy equipment mechanics, including diesel	25 932	151	640	2 209	3 690	3 446	3 689	3 308	2 844	2 427	1 800	810	399	253	266	38.8
Household appliance and accessory installers and mechanics	5 465	74	197	613	991	824	728	708	432	401	216	134	20	105	22	35.2
Loom fixers	401	–	20	107	91	44	62	21	20	36	–	–	–	–	–	29.0
Office machine	1 292	20	45	170	380	206	88	22	215	43	81	22	–	–	–	30.8
Radio and television	7 188	72	241	634	1 162	940	1 146	1 110	828	324	311	174	99	147	–	37.4
Railroad and car shop	3 533	–	78	202	282	341	307	407	652	517	382	188	82	63	32	46.1
Mechanics, except auto, apprentices	228	–	–	111	32	60	25	–	–	–	–	–	–	–	–	...
Miscellaneous mechanics and repairmen, including mechanics, except auto, apprentices	7 468	58	216	760	1 081	1 069	1 064	872	846	544	490	213	141	63	51	37.6
Manufacturing	1 929	15	18	335	309	213	430	220	144	124	97	–	–	24	–	35.9
Not specified mechanics and repairmen	3 829	–	216	260	565	405	354	403	485	402	428	52	82	160	17	41.4
Manufacturing	1 419	–	156	67	247	187	123	95	216	100	151	–	43	17	17	37.1
Metal craftsmen, except mechanics	49 698	66	1 212	5 871	7 578	6 088	6 239	6 287	5 824	5 046	3 122	1 234	412	519	200	38.2
Blacksmiths	488	–	21	45	25	31	16	21	117	108	8	42	–	40	14	48.6
Boilermakers	1 556	–	79	101	188	162	184	190	180	206	58	37	38	67	66	41.7

[1]Includes transportation, communications, and other public utilities—allocated.

Table 41. Age of Employed Negroes by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Male employed—Con.																
Craftsmen and kindred workers—Continued																
Metal craftsmen, except mechanics—Continued																
Forgemen and hammermen	1 277	26	75	181	68	134	131	151	278	103	110	–	–	20	–	40.8
Heat treaters, annealers, and temperers	2 069	–	–	245	187	206	149	288	174	262	246	233	38	41	–	44.3
Job and die setters, metal	4 810	–	–	308	622	640	681	558	704	811	315	80	32	59	–	41.4
Machinists	15 878	18	530	2 337	3 191	2 104	2 144	1 857	1 246	1 099	729	432	17	117	57	34.4
Machinist apprentices	378	–	40	123	132	–	45	–	–	38	–	–	–	–	–	...
Millwrights	1 878	7	30	89	217	248	183	249	201	310	139	114	73	18	–	43.3
Molders, metal	10 505	–	254	807	1 304	1 241	1 179	1 749	1 517	1 201	793	152	125	137	46	41.3
Molder apprentices	68	–	–	–	–	22	23	–	–	23	–	–	–	–	–	...
Pattern and model makers, except paper	618	–	–	107	92	68	43	90	101	80	37	–	–	–	–	39.9
Rollers and finishers, metal	2 095	–	–	216	325	345	341	354	155	76	209	36	21	–	17	37.4
Sheetmetal workers and tinsmiths	4 596	15	89	994	624	536	591	478	563	385	197	75	49	–	–	35.3
Sheetmetal apprentices	197	–	–	169	28	–	–	–	–	–	–	–	–	–	–	...
Shipfitters	1 019	–	22	88	135	90	91	121	230	43	178	21	–	–	–	43.5
Tool and die makers	2 909	–	112	353	600	283	506	181	358	362	103	12	19	20	–	36.1
Tool and die maker apprentices	215	–	21	71	54	23	–	18	12	16	–	–	–	–	–	...
Millers; grain, flour, and feed	624	17	17	39	68	80	67	46	116	55	78	18	–	23	–	42.6
Motion picture projectionists	474	–	57	53	57	41	65	17	19	43	86	19	–	17	–	37.2
Opticians, and lens grinders and polishers	671	62	15	40	212	91	71	41	36	51	52	–	–	–	–	30.4
Piano and organ tuners and repairmen	128	–	–	41	–	14	22	–	14	–	–	–	–	37	–	...
Power station operators	433	–	–	37	130	58	27	24	97	18	26	16	–	–	–	34.3
Printing craftsmen	16 864	432	806	2 997	3 080	2 553	1 785	1 716	1 502	816	482	256	102	223	114	32.2
Bookbinders	1 352	16	73	219	234	244	193	103	172	39	40	19	–	–	–	32.7
Compositors and typesetters	7 013	160	386	1 298	1 274	931	626	690	696	436	210	40	82	70	114	32.1
Printing trades apprentices, except pressmen	383	21	16	98	139	23	–	25	23	–	18	20	–	–	–	...
Electrotypers and stereotypers	252	–	–	35	51	–	45	39	62	–	–	–	–	20	–	...
Photoengravers and lithographers	596	–	–	79	130	107	37	142	36	–	26	39	–	–	–	34.2
Pressmen and plate printers, printing	7 651	256	347	1 366	1 391	1 271	884	742	536	341	206	158	20	133	–	31.8
Pressman apprentices	127	42	–	47	22	16	–	–	–	–	–	–	–	–	–	...
Shoe repairmen	3 237	17	61	191	472	387	347	375	403	355	259	80	96	88	106	41.9
Sign painters and letterers	725	27	42	102	153	64	58	39	–	52	86	35	48	19	–	33.0
Stationary engineers	7 658	24	82	653	743	936	882	858	967	866	754	435	260	146	52	43.0
Stone cutters and stone carvers	354	19	41	68	16	26	–	50	117	17	–	–	–	–	–	...
Tailors	4 214	21	327	398	400	472	324	478	500	449	447	174	40	107	77	41.7
Telephone installers and repairmen	9 221	51	902	2 413	2 172	1 232	872	626	387	238	192	74	–	38	24	27.9
Telephone linemen and splicers	1 846	40	127	609	355	188	156	199	33	18	65	–	22	34	–	27.1
Upholsterers	4 449	24	312	666	440	388	629	595	499	535	137	81	73	34	36	38.1
Craftsmen and kindred workers, n.e.c	5 752	85	175	666	572	612	870	557	788	629	538	87	34	114	25	39.4
Former members of the Armed Forces	24	–	–	–	–	–	–	24	–	–	–	–	–	–	–	...
Craftsmen and kindred workers—allocated	78 396	967	2 594	10 141	10 657	9 516	8 468	7 950	8 492	7 021	5 288	2 381	1 675	2 025	1 221	38.1
Operatives, except transport	**798 945**	**10 112**	**34 940**	**118 581**	**118 033**	**98 382**	**87 290**	**86 194**	**81 752**	**62 968**	**53 220**	**22 441**	**10 359**	**9 658**	**5 015**	**36.1**
Asbestos and insulation workers	1 044	–	81	182	118	126	59	87	198	62	94	17	–	20	–	36.3
Assemblers	62 666	369	2 855	12 733	13 455	8 566	6 868	5 578	4 929	3 017	2 507	890	372	369	158	31.1
Blasters and powdermen	708	–	41	37	102	82	43	64	110	131	56	18	24	–	–	43.8
Bottling and canning operatives	3 517	111	252	525	554	379	323	445	339	173	293	41	44	16	22	34.2
Chainmen, rodmen, and axmen, surveying	512	16	16	45	101	17	58	18	68	37	63	35	–	38	–	40.8
Checkers, examiners, and inspectors; manufacturing	25 988	108	868	3 921	4 709	3 216	3 129	3 079	2 729	2 090	1 279	456	207	76	121	35.3
Clothing ironers and pressers	14 423	53	425	1 051	1 302	1 026	1 455	2 023	2 557	1 422	1 470	767	298	432	142	44.7
Cutting operatives, n.e.c	15 667	177	620	2 489	2 093	2 035	1 869	1 815	1 604	1 348	954	398	38	123	104	36.1
Dressmakers and seamstresses, except factory	533	15	–	59	101	16	55	110	103	–	25	49	–	–	–	40.9
Drillers, earth	3 383	28	119	244	583	402	395	377	549	251	217	130	24	64	–	39.0
Dry wall installers and lathers	2 061	46	79	207	351	374	322	190	141	149	55	105	42	–	–	34.6
Dyers	3 712	64	170	756	775	368	349	287	283	306	212	18	39	85	–	31.2
Garage workers and gas station attendants	31 562	1 668	2 523	4 255	3 968	3 254	2 889	3 411	2 825	2 528	1 873	1 172	355	537	304	35.2

Table 41. **Age of Employed Negroes by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Male employed—Con.																
Operatives, except transport—Continued																
Graders and sorters, manufacturing	2 141	8	97	401	275	221	178	207	211	270	196	–	15	62	–	36.9
Produce graders and packers, except factory and farm	820	101	60	99	30	46	50	62	132	82	55	68	17	18	–	41.9
Laundry and drycleaning operatives, n.e.c	13 835	393	721	1 407	920	1 242	1 486	1 890	1 627	1 082	1 284	535	410	568	270	42.0
Meat cutters and butchers, except manufacturing	11 145	264	715	1 621	1 983	2 021	938	931	871	589	632	384	116	69	11	32.4
Meat cutters and butchers, manufacturing	9 068	78	145	923	997	1 152	1 288	1 022	1 219	871	726	360	167	38	82	39.8
Meat wrappers, retail trade	332	16	41	37	49	43	76	42	–	28	–	–	–	–	–	...
Metalworking operatives, except precision machine	89 436	330	2 885	11 729	13 487	12 221	10 412	10 720	10 115	6 969	6 302	2 119	1 026	682	439	37.0
Filers, polishers, sanders, and buffers	11 054	82	398	1 510	1 521	1 423	1 257	1 400	1 130	724	1 012	238	201	93	65	37.4
Furnacemen, smeltermen, and pourers	14 069	–	225	1 040	1 561	1 511	1 606	1 877	2 045	1 549	1 640	384	279	227	125	42.9
Heaters, metal	834	–	–	51	113	46	60	167	111	163	62	16	–	23	22	44.4
Metal platers	3 107	–	–	558	313	543	481	336	419	96	308	–	22	31	–	36.5
Punch and stamping press operatives	13 583	–	553	1 697	2 317	2 104	1 511	1 556	1 376	1 078	791	434	42	110	14	35.4
Riveters and fasteners	1 913	43	103	354	198	221	321	227	161	87	64	134	–	–	–	35.6
Solderers	645	–	–	88	80	121	65	175	64	38	–	14	–	–	–	37.6
Welders and flame-cutters	44 231	205	1 606	6 431	7 384	6 252	5 111	4 982	4 809	3 234	2 425	899	482	198	213	35.2
Milliners	21	–	–	21	–	–	–	–	–	–	–	–	–	–	–	...
Mine operatives, n.e.c	7 365	–	283	799	622	433	741	785	1 114	1 098	702	328	337	103	20	45.1
Coal mining	2 196	–	82	88	26	42	115	191	543	543	336	73	97	40	20	50.1
Crude petroleum and natural gas extractions	1 872	–	104	405	333	101	136	176	123	147	107	126	93	21	–	34.7
Mining and quarrying, except fuel	3 297	–	97	306	263	290	490	418	448	408	259	129	147	42	–	42.4
Mixing operatives	11 788	24	391	1 369	1 601	1 579	1 522	1 403	1 264	1 115	1 014	180	141	79	106	38.1
Oilers and greasers, except auto	4 684	–	82	403	341	478	528	541	666	402	748	258	111	126	–	44.7
Packers and wrappers, except meat and produce	33 113	845	2 314	5 843	4 438	3 639	3 223	3 156	2 764	2 676	2 241	1 062	342	470	100	34.3
Painters, manufactured articles	14 195	124	546	1 815	2 182	1 932	1 639	1 618	1 734	928	986	436	99	116	40	36.5
Photographic process workers	2 771	58	191	520	489	511	405	275	94	59	20	124	–	25	–	31.2
Precision machine operatives	24 079	108	645	3 540	4 581	3 388	2 629	2 567	2 318	1 613	1 481	659	349	98	103	34.7
Drill press operatives	4 357	–	116	827	961	674	289	436	300	259	272	155	25	–	43	32.0
Grinding machine operatives	10 659	57	362	1 368	1 488	1 355	1 213	1 114	1 256	875	880	349	203	98	41	37.9
Lathe and mixing machine operatives	5 709	51	48	763	1 491	822	667	646	586	223	273	103	36	–	–	33.1
Precision machine operatives, n.e.c	3 354	–	119	582	641	537	460	371	176	256	56	52	85	–	19	33.1
Sailors and deckhands	2 324	21	–	191	255	169	322	422	310	240	201	74	71	48	–	42.4
Sawyers	16 485	203	569	1 719	1 673	1 557	1 958	2 040	2 197	1 686	1 508	749	304	265	57	41.4
Sewers and stitchers	7 475	129	434	1 153	1 172	852	1 098	805	876	368	327	101	46	101	13	35.0
Shoemaking machine operatives	712	15	58	97	114	130	36	130	63	30	39	–	–	–	–	32.8
Stationary firemen	10 448	–	82	347	736	1 040	896	1 221	1 316	1 422	1 613	647	519	345	264	48.4
Textile operatives	30 652	719	2 695	7 483	5 553	3 284	2 884	2 310	2 507	1 319	1 215	267	118	231	67	29.0
Carding, lapping, and combing operatives	2 631	85	142	380	534	279	483	291	189	137	90	21	–	–	–	33.1
Knitters, loopers, and toppers	833	18	36	233	134	136	88	38	35	77	38	–	–	–	–	29.8
Spinners, twisters, and winders	9 488	377	982	2 775	1 943	1 015	752	564	559	265	68	37	41	94	16	26.6
Weavers	2 183	16	269	657	475	189	167	133	183	38	39	17	–	–	–	26.6
Textile operatives, n.e.c	15 517	223	1 266	3 438	2 467	1 665	1 394	1 284	1 541	802	980	192	77	137	51	31.1
Winding operatives, n.e.c	1 959	37	137	379	426	407	204	85	99	100	69	16	–	–	–	30.0
Miscellaneous and not specified operatives	243 602	1 722	9 414	35 511	35 744	30 866	26 724	27 208	25 024	20 866	16 798	6 778	3 113	2 705	1 129	36.6
Occupation:																
Machine operatives, miscellaneous specified	93 586	412	3 492	13 370	13 781	12 042	10 078	9 930	9 868	8 159	7 190	2 538	1 209	1 162	355	36.8
Machine operatives, not specified	64 916	396	2 510	10 073	10 669	8 603	7 791	7 211	6 650	5 004	3 092	1 619	664	441	193	35.1
Miscellaneous operatives	59 728	720	2 226	8 677	8 212	7 168	6 093	6 712	5 714	5 501	4 692	1 929	838	832	414	37.3
Not specified operatives	25 372	194	1 186	3 391	3 082	3 053	2 762	3 355	2 792	2 202	1 824	692	402	270	167	38.2

Table 41. Age of Employed Negroes by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Male employed—Con.																
Operatives, except transport—Continued																
Miscellaneous and not specified operatives—Continued																
Industry:																
Manufacturing	200 497	1 281	7 888	30 343	30 669	25 771	22 294	21 425	20 555	16 139	13 528	5 384	2 273	2 085	862	36.0
Durable goods	120 682	649	4 347	18 204	18 040	15 110	13 351	13 670	12 953	9 697	8 416	3 373	1 233	1 183	456	36.5
Lumber and wood products, except furniture	12 327	183	450	1 607	1 566	1 261	1 381	1 067	1 445	1 258	1 095	538	246	154	76	39.0
Furniture and fixtures	4 807	86	342	868	797	639	578	406	433	109	306	108	82	35	18	32.4
Stone, clay, and glass products	10 741	23	363	1 479	1 276	1 685	1 145	1 309	1 039	1 049	838	255	92	169	19	37.4
Glass and glass products	2 240	–	182	604	339	439	238	174	64	61	60	57	22	–	–	29.9
Cement, concrete, gypsum, and plaster products	3 746	–	16	276	429	558	263	505	555	526	367	42	70	120	19	43.3
Other stone, clay, and glass products	4 755	23	165	599	508	688	644	630	420	462	411	156	–	49	–	38.1
Primary metal industries	27 651	41	727	2 909	3 213	3 434	3 049	3 570	3 834	2 673	2 265	1 046	320	474	96	40.6
Blast furnaces, steelworks, and rolling and finishing mills	11 964	20	301	1 023	945	1 226	1 510	1 609	1 998	1 131	1 162	622	260	143	14	43.0
Other primary iron and steel industries	9 541	21	221	1 132	1 203	1 351	1 032	1 186	1 119	999	723	223	43	228	60	39.1
Primary nonferrous industries	6 146	–	205	754	1 065	857	507	775	717	543	380	201	17	103	22	36.9
Fabricated metal industries, including not specified metal	13 446	46	449	2 432	1 754	1 675	1 622	1 689	1 528	867	796	265	127	85	111	36.1
Cutlery, hand tools, and other hardware	861	11	30	232	23	63	175	162	89	36	25	15	–	–	–	37.0
Fabricated structural metal products	3 022	–	51	414	382	500	408	367	412	136	228	39	29	18	38	37.0
Screw machine products, & metal stamping	2 171	18	120	476	280	279	142	358	189	165	81	47	–	–	16	33.4
Miscellaneous fabricated metal products and not specified metal	7 392	17	248	1 310	1 069	833	897	802	838	530	462	164	98	67	57	36.2
Machinery, except electrical	10 660	79	481	2 027	1 948	1 360	1 001	1 066	888	780	490	289	104	82	65	32.9
Farm machinery and equipment	1 228	20	54	134	174	169	114	174	145	56	109	33	–	46	–	37.8
Construction & material handling machines	1 632	–	95	294	429	145	231	134	92	99	70	22	21	–	–	30.0
Metalworking machinery	1 365	24	65	281	285	259	118	104	79	94	45	11	–	–	–	30.5
Office and accounting machines, and electronic computing equipment	755	–	31	215	132	152	58	60	21	86	–	–	–	–	–	30.0
Other machinery, except electrical	5 680	35	236	1 103	928	635	480	594	551	445	266	223	83	36	65	34.2
Electrical machinery, equipment, and supplies	9 546	107	402	1 646	2 392	1 181	962	958	752	458	493	114	48	20	13	31.0
Household appliances	1 711	12	57	294	351	307	139	147	231	60	113	–	–	–	–	32.3
Radio, T.V., and communication equipment	2 530	33	138	493	565	226	311	282	207	107	135	–	–	20	13	30.8
Electrical machinery, equipment, and supplies, n.e.c.	4 868	62	186	746	1 347	582	493	502	293	250	245	114	48	–	–	30.8
Not specified electrical machinery, equipment, and supplies	437	–	21	113	129	66	19	27	21	41	–	–	–	–	–	28.3
Transportation equipment	21 552	–	531	3 446	3 350	2 612	2 548	2 618	1 998	1 871	1 661	564	214	81	58	36.6
Motor vehicles & motor vehicle equipment	14 306	–	442	2 241	1 944	1 776	1 523	1 908	1 471	1 240	1 106	432	155	27	41	37.5
Aircraft and parts	3 635	–	–	618	791	421	497	393	265	231	312	60	–	30	17	34.9
Other transportation equipment	3 611	–	89	587	615	415	528	317	262	400	243	72	59	24	–	35.9
Professional and photographic equipment, and watches	1 798	19	212	335	275	205	133	185	204	126	83	21	–	–	–	31.4
Professional equipment and supplies	1 178	–	156	165	206	110	116	106	133	103	83	–	–	–	–	32.8
Ordnance	2 354	24	–	437	615	367	256	216	205	115	80	39	–	–	–	31.4
Miscellaneous manufacturing industries	5 102	41	340	952	811	607	613	463	471	342	245	134	–	83	–	33.4
Durable goods—allocated	698	–	50	66	43	84	63	123	156	49	64	–	–	–	–	41.7
Nondurable goods	77 290	614	3 367	11 706	12 369	10 185	8 723	7 658	7 423	5 985	4 985	1 965	1 002	902	406	35.2
Food and kindred products	22 214	266	934	3 109	2 773	2 947	2 646	2 243	1 867	2 039	1 854	480	416	463	177	37.0
Meat products	5 765	65	235	960	762	722	638	603	537	600	433	57	57	80	16	36.1
Dairy products	1 475	–	61	187	292	176	68	242	112	189	104	19	25	–	–	36.6
Canning and preserving fruits, vegetables, and seafoods	2 711	73	189	252	229	363	267	244	248	258	304	61	46	153	24	39.7
Bakery products	2 623	18	190	441	355	452	389	248	134	184	108	–	20	–	84	33.4
Beverage industries	1 731	–	46	336	290	266	282	126	147	49	125	42	22	–	–	33.6
Other food and kindred products	7 909	110	213	933	845	968	1 002	780	689	759	780	301	246	230	53	39.4

Table 41. **Age of Employed Negroes by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Male employed—Con.																
Operatives, except transport—Continued																
Miscellaneous and not specified operatives—Continued																
Industry—Continued																
Manufacturing—Continued																
Nondurable goods—Continued																
Tobacco manufactures	2 628	22	85	262	416	318	251	233	357	214	159	205	24	46	36	39.2
Apparel and other fabricated textile products	2 935	86	264	545	453	265	432	347	205	129	110	41	43	15	–	32.3
Apparel and accessories	1 912	68	157	322	319	164	299	218	161	129	43	17	–	15	–	32.7
Miscellaneous fabricated textile products	1 023	18	107	223	134	101	133	129	44	–	67	24	43	–	–	31.5
Paper and allied products	14 000	15	630	2 479	2 068	1 922	1 570	1 496	1 454	917	763	428	108	123	27	34.7
Pulp, paper, and paperboard mills	5 864	–	191	774	843	502	670	616	632	586	627	192	108	123	–	39.6
Miscellaneous paper and pulp products	2 095	–	141	584	383	284	312	119	190	52	–	30	–	–	–	29.2
Paperboard containers and boxes	6 041	15	298	1 121	842	1 136	588	761	632	279	136	206	–	–	27	33.3
Printing, publishing, and allied industries	3 490	146	174	439	691	537	364	390	198	222	58	138	68	20	45	32.7
Printing, publishing, and allied industries, except newspapers	3 089	93	76	395	665	489	364	364	198	197	25	138	46	20	19	33.2
Chemicals and allied products	13 858	–	490	1 869	2 965	1 675	1 333	1 483	1 463	928	979	308	170	142	53	34.8
Industrial chemicals	3 491	–	74	558	713	463	222	348	507	327	178	61	22	–	18	34.3
Synthetic fibers	745	–	65	126	221	69	101	24	44	25	–	24	25	21	–	29.1
Soaps and cosmetics	1 104	–	143	120	327	111	62	88	36	87	49	19	39	23	–	29.4
Other chemicals and allied products	8 518	–	208	1 065	1 704	1 032	948	1 023	876	489	752	204	84	98	35	36.3
Petroleum and coal products	2 604	–	69	441	386	301	334	264	237	225	287	21	15	24	–	36.6
Rubber and miscellaneous plastic products	13 022	44	518	2 175	2 263	1 889	1 484	1 001	1 396	1 104	658	263	143	47	37	34.0
Rubber products	9 332	21	319	1 467	1 712	1 369	1 010	779	888	843	536	233	127	13	15	34.2
Miscellaneous plastic products	3 690	23	199	708	551	520	474	222	508	261	122	30	16	34	22	33.5
Leather and leather products	1 964	35	184	268	273	239	278	163	173	162	77	59	–	22	31	34.6
Tanned, curried, and finished leather	924	–	35	122	82	74	153	92	109	140	77	40	–	–	–	39.9
Footwear, except rubber	471	13	55	94	108	71	63	–	26	22	–	19	–	–	–	28.4
Leather products, except footwear	569	22	94	52	83	94	62	71	38	–	–	–	–	22	31	31.8
Nondurable goods—allocated	575	–	19	119	81	92	31	38	73	45	40	22	15	–	–	33.7
Not specified manufacturing industries	2 525	18	174	433	260	476	220	97	179	457	127	46	38	–	–	34.0
Nonmanufacturing industries	43 105	441	1 526	5 168	5 075	5 095	4 430	5 783	4 469	4 727	3 270	1 394	840	620	267	39.8
Construction	4 472	25	77	418	662	548	298	694	444	517	324	280	85	69	31	41.5
Railroads and railway express service	1 933	–	16	81	116	100	212	264	143	311	322	208	77	66	17	50.6
Transportation, except railroads	3 494	–	–	346	455	522	218	673	360	383	161	85	143	108	40	41.5
Communications, and utilities and sanitary services	2 651	–	58	334	199	300	430	216	367	379	244	45	79	–	–	40.1
Wholesale trade	10 096	44	411	1 323	1 143	1 172	962	1 487	1 222	980	803	248	157	113	31	40.0
Retail trade	5 850	108	313	785	933	678	749	602	476	441	407	211	42	96	9	35.7
Business and repair services	5 412	74	296	864	695	916	545	591	290	600	286	143	44	51	17	34.2
Public administration	3 459	21	34	247	191	329	356	547	588	448	440	89	104	35	30	45.0
All other industries[1]	5 738	169	321	770	681	530	660	709	579	668	283	85	109	82	92	38.0
Operatives, except transport—allocated	94 719	2 262	4 386	14 670	12 153	11 310	10 239	9 270	8 796	7 641	5 965	3 200	1 615	1 749	1 463	36.3
Transport equipment operatives	**403 209**	**3 275**	**9 086**	**37 440**	**50 879**	**53 888**	**53 689**	**54 737**	**46 483**	**38 363**	**28 276**	**11 598**	**5 454**	**6 740**	**3 301**	**39.4**
Boatmen and canalmen	204	–	–	30	–	–	58	–	–	–	49	–	19	–	48	...
Bus drivers	29 439	665	639	2 577	4 669	4 870	3 820	3 726	2 235	2 481	1 952	821	363	519	102	36.7
Conductors and motormen, urban rail transit	4 384	–	21	394	496	859	598	678	638	382	232	–	28	20	38	38.5
Deliverymen and routemen	56 390	1 229	2 608	7 139	7 951	7 275	7 205	6 871	5 252	4 069	3 925	1 324	495	654	393	36.4
Fork lift and tow motor operatives	43 428	255	1 108	5 080	5 639	5 903	6 043	5 920	4 952	4 141	2 583	886	520	366	32	38.1
Motormen; mine, factory, logging camp, etc	1 292	–	–	37	117	94	92	84	235	301	273	59	–	–	–	49.7
Parking attendants	5 875	87	475	746	626	779	694	597	501	502	405	156	116	151	40	36.6
Railroad brakemen	2 674	–	129	371	333	172	301	137	348	209	244	127	120	183	–	41.1
Railroad switchmen	3 350	25	65	330	758	600	215	233	330	297	265	142	73	17	–	34.1
Taxicab drivers and chauffeurs	31 448	–	191	2 115	2 722	3 128	3 414	4 326	4 036	3 900	2 951	1 732	646	1 648	639	44.8
Truck drivers	182 861	488	2 417	13 399	21 539	25 547	26 536	27 542	23 955	18 747	12 529	4 691	2 267	2 159	1 045	40.3
Trucking service	42 585	131	416	2 589	5 397	6 492	7 043	6 545	5 272	4 058	2 639	756	274	594	379	39.4
Transport equipment operatives—allocated	41 864	526	1 433	5 222	6 029	4 661	4 713	4 623	4 001	3 334	2 868	1 660	807	1 023	964	38.2

[1] Includes transportation, communications, and other public utilities—allocated.

Table 41. Age of Employed Negroes by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Male employed—Con.																
Laborers, except farm	**639 840**	**19 686**	**30 791**	**73 399**	**66 681**	**60 706**	**62 399**	**66 518**	**66 609**	**65 188**	**60 352**	**26 480**	**13 120**	**17 286**	**10 625**	**40.5**
Animal caretakers, except farm	3 101	129	143	552	294	321	349	253	158	194	490	113	41	19	45	36.6
Carpenters' helpers	9 226	143	488	1 148	793	811	776	762	907	1 006	1 359	431	176	336	90	43.0
Construction laborers, except carpenters' helpers	122 778	1 670	3 856	10 627	11 602	12 336	14 085	14 953	14 839	15 053	12 988	4 911	1 827	2 981	1 050	42.4
Fishermen and oystermen	1 761	16	120	219	175	185	122	172	188	243	99	136	–	64	22	41.3
Freight and material handlers	100 760	1 968	5 756	14 723	12 764	10 224	9 296	10 734	10 932	8 788	8 073	3 495	1 628	1 573	806	37.7
Garbage collectors	26 739	481	931	2 954	3 460	3 290	3 365	2 646	3 032	2 549	2 282	919	247	381	202	38.3
Gardeners and groundskeepers, except farm	50 727	1 795	1 679	3 422	3 248	3 063	3 646	4 310	4 571	5 253	6 094	3 256	2 333	4 426	3 631	49.6
Longshoremen and stevedores	16 711	67	135	733	1 431	1 856	1 882	2 308	2 308	1 775	2 286	854	575	341	160	44.9
Lumbermen, raftsmen, and woodchoppers	19 478	627	655	2 261	2 193	2 300	2 209	2 110	2 012	2 234	1 492	765	250	196	174	38.9
Stock handlers	37 731	5 972	5 516	7 417	4 648	2 864	2 629	2 127	2 095	1 742	1 280	676	324	327	114	25.0
Teamsters	1 422	–	53	106	314	105	277	65	163	70	104	31	49	43	42	37.4
Vehicle washers and equipment cleaners	26 200	1 308	1 348	3 187	2 608	2 855	2 701	2 746	2 639	2 632	2 221	885	521	353	196	38.3
Warehousemen, n.e.c	13 880	128	408	1 533	1 774	1 587	1 926	1 659	1 599	1 273	960	523	151	224	135	38.9
Miscellaneous and not specified laborers	120 479	2 708	5 351	14 288	11 807	9 866	10 184	13 192	12 608	13 431	12 797	5 689	3 103	3 757	1 698	42.3
Occupation:																
Miscellaneous laborers	43 630	742	1 290	4 148	3 839	3 344	3 711	5 158	4 656	5 591	5 573	2 202	1 496	1 289	591	44.6
Not specified laborers	76 849	1 966	4 061	10 140	7 968	6 522	6 473	8 034	7 952	7 840	7 224	3 487	1 607	2 468	1 107	40.8
Industry:																
Manufacturing	62 487	751	3 150	8 832	7 197	5 289	5 407	6 931	6 631	7 050	6 224	2 195	1 512	1 009	309	40.4
Durable goods	43 862	276	2 115	6 072	4 929	3 772	3 807	4 947	4 745	5 145	4 548	1 407	1 162	702	235	41.0
Lumber and wood products, except furniture	5 564	64	286	700	448	391	538	426	743	820	495	169	208	210	66	44.2
Furniture and fixtures	1 004	84	33	173	22	119	72	230	26	161	43	22	–	19	–	39.9
Stone, clay, and glass products	3 560	–	159	546	446	263	372	548	230	453	358	83	54	33	15	39.9
Cement, concrete, gypsum, and plaster products	1 666	–	32	300	190	128	149	176	120	374	111	45	41	–	–	41.0
Structural clay products	965	–	33	129	103	75	109	238	77	21	119	–	13	33	15	40.7
Other stone, clay, and glass products	929	–	94	117	153	60	114	134	33	58	128	38	–	–	–	36.8
Primary metal industries	18 656	18	851	2 192	2 094	1 432	1 648	2 179	2 521	2 087	2 127	738	520	160	89	42.5
Blast furnaces, steel works, and rolling and finishing mills	10 926	–	592	1 355	1 188	865	1 002	1 159	1 602	1 100	1 236	346	391	67	23	42.0
Other primary iron and steel industries	6 091	18	211	724	684	362	543	856	781	790	554	321	106	93	48	42.9
Primary nonferrous industries	1 639	–	48	113	222	205	103	164	138	197	337	71	23	–	18	43.9
Fabricated metal industries, including not specified metal	3 492	65	233	379	500	406	233	347	239	447	460	42	105	36	–	38.5
Fabricated structural metal products	1 452	39	121	114	257	194	87	157	135	143	182	23	–	–	–	35.1
Machinery, except electrical	2 391	24	66	289	313	126	240	226	239	247	361	109	33	78	40	43.0
Electrical machinery, equipment, and supplies	1 335	–	136	359	148	142	82	65	117	70	166	20	30	–	–	30.9
Transportation equipment	5 871	–	273	1 071	657	693	553	757	352	602	501	149	152	95	16	37.2
Motor vehicles & motor vehicle equipment	3 243	–	87	613	305	396	355	453	209	311	304	85	62	63	–	38.1
Ship and boat building and repairing	1 766	–	78	385	278	178	138	171	56	209	172	17	51	17	16	34.0
Other transportation equipment	862	–	108	73	74	119	60	133	87	82	25	47	39	15	–	39.8
Professional and photographic equipment, and watches	87	–	–	17	24	–	–	–	23	23	–	–	–	–	–	...
Ordnance	543	–	24	64	102	87	–	44	60	96	17	40	–	–	9	34.7
Miscellaneous manufacturing industries	597	–	54	115	96	65	18	–	111	101	–	–	–	37	–	32.6
Manufacturing, durable goods—allocated	762	21	–	167	79	48	51	125	84	38	20	35	60	34	–	40.6
Nondurable goods	18 175	475	1 035	2 655	2 227	1 496	1 560	1 949	1 857	1 841	1 581	768	350	307	74	38.8
Food and kindred products	6 048	54	264	667	743	431	739	817	652	583	604	238	149	87	20	40.8
Meat products	1 458	37	27	122	194	70	115	227	195	119	186	80	56	30	–	43.6
Dairy products	458	–	36	74	72	39	108	27	16	13	16	34	–	23	–	35.4
Canning and preserving fruits, vegetables, and seafoods	807	–	37	55	170	66	46	121	89	47	115	18	23	20	–	41.2
Grain-mill products	859	–	24	64	105	60	173	109	98	84	107	35	–	–	–	40.2
Beverage industries	585	–	38	123	56	105	44	79	34	70	36	–	–	–	–	33.6
Other food and kindred products	1 881	17	102	229	146	91	253	254	220	250	144	71	70	14	20	42.0

Table 41. **Age of Employed Negroes by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Male employed—Con.																
Laborers, except farm—Continued																
Miscellaneous and not specified laborers—Continued																
Industry—Continued																
Manufacturing—Continued																
Nondurable goods—Continued																
Tobacco manufactures	599	15	20	68	46	–	107	75	41	107	98	22	–	–	–	42.9
Textile mill products	3 093	181	359	452	391	263	268	294	291	225	160	59	64	70	16	33.1
Yarn, thread, and fabric mills	2 527	113	336	404	350	196	242	220	226	180	144	22	64	30	–	31.5
Other textile mill products	566	68	23	48	41	67	26	74	65	45	16	37	–	40	16	40.7
Apparel and other fabricated textile products	266	–	32	57	21	57	–	12	–	23	46	–	–	18	–	...
Paper and allied products	2 306	–	118	523	237	106	149	226	220	275	238	163	32	–	19	40.4
Pulp, paper, and paperboard mills	1 582	–	95	336	138	79	104	103	178	252	161	126	10	–	–	41.9
Other paper and allied products	724	–	23	187	99	27	45	123	42	23	77	37	22	–	19	37.9
Printing, publishing, and allied industries	545	79	23	65	75	36	69	44	16	39	39	41	–	–	19	34.2
Chemicals and allied products	2 778	90	66	423	469	443	59	266	328	311	136	134	17	36	–	33.8
Petroleum and coal products	508	–	–	37	18	21	21	95	117	38	79	22	60	–	–	47.6
Rubber and miscellaneous plastic products	1 275	36	95	276	158	109	75	120	62	117	168	19	–	40	–	33.3
Leather and leather products	383	20	20	35	42	–	55	–	82	31	–	70	28	–	–	...
Nondurable goods—allocated	374	–	38	52	27	30	18	–	48	92	13	–	–	56	–	...
Not specified manufacturing industries	450	–	–	105	41	21	40	35	29	64	95	20	–	–	–	42.6
Nonmanufacturing industries	57 992	1 957	2 201	5 456	4 610	4 577	4 777	6 261	5 977	6 381	6 573	3 494	1 591	2 748	1 389	44.3
Railroads and railway express service	10 401	40	103	643	587	503	437	905	1 280	1 687	1 826	1 205	426	562	197	52.1
Transportation, except railroads	3 306	42	116	361	417	514	285	433	384	171	202	160	48	92	81	38.6
Comm., and utilities and sanitary services	11 170	279	271	992	1 074	1 005	1 222	1 325	1 260	1 403	965	637	224	321	192	42.8
Transportation, communications, and other public utilities—allocated	203	–	–	52	–	23	–	72	19	19	–	–	–	18	–	...
Wholesale trade	7 198	99	369	976	786	619	610	947	623	628	804	197	128	291	121	40.7
Retail trade	5 959	407	419	638	471	474	700	531	460	332	643	196	216	369	103	39.1
Business and repair services	2 460	96	140	249	224	165	200	432	266	233	185	166	–	86	18	41.8
Personal services	4 864	251	99	338	144	281	312	298	559	409	599	386	196	531	461	51.8
Private households	3 330	168	17	168	125	176	193	240	377	332	381	278	116	349	410	53.0
Public administration	4 747	171	212	339	298	337	441	672	408	675	530	250	118	229	67	44.3
All other industries	7 684	572	472	868	609	656	570	646	718	824	819	297	235	249	149	40.7
Laborers, except farm—allocated	88 847	2 674	4 352	10 229	9 570	9 043	8 952	8 481	8 558	8 945	7 827	3 796	1 895	2 265	2 260	39.8
Farmers and farm managers	**36 928**	**317**	**285**	**1 420**	**1 683**	**2 039**	**2 239**	**2 872**	**3 902**	**5 110**	**5 625**	**3 268**	**1 727**	**3 820**	**2 621**	**53.6**
Farmers, owners and tenants	28 941	135	193	706	880	941	1 444	2 160	2 988	4 356	4 852	2 879	1 512	3 459	2 436	55.7
Farm managers	1 443	55	13	50	76	89	140	157	173	200	214	70	113	51	42	49.1
Farmers and farm managers—allocated	6 544	127	79	664	727	1 009	655	555	741	554	559	319	102	310	143	40.1
Farm laborers and farm foremen	**144 266**	**5 913**	**7 163**	**15 740**	**12 354**	**12 252**	**12 834**	**12 954**	**13 988**	**14 736**	**13 240**	**7 412**	**4 376**	**7 365**	**3 939**	**42.3**
Farm foremen	2 157	31	–	96	98	153	230	235	262	360	402	98	74	52	66	49.5
Farm laborers, wage workers	123 105	4 825	5 831	12 866	10 144	10 122	10 926	11 251	12 059	13 078	11 597	6 619	3 802	6 624	3 361	43.0
Farm laborers, unpaid family workers	2 598	377	418	435	166	140	227	210	132	136	137	64	86	52	18	27.1
Farm service laborers, self-employed	158	–	–	17	17	67	–	–	–	–	34	23	–	–	–	...
Farm laborers and farm foremen—allocated	16 248	680	914	2 326	1 929	1 770	1 451	1 258	1 535	1 162	1 070	608	414	637	494	36.7
Service workers, except private household	**633 538**	**30 312**	**32 418**	**60 552**	**57 223**	**53 666**	**56 004**	**61 965**	**62 909**	**62 300**	**62 748**	**32 428**	**17 773**	**25 554**	**17 686**	**42.1**
Cleaning service workers	300 993	10 926	12 631	22 196	19 181	20 933	23 376	29 923	31 987	35 561	38 036	20 370	11 397	14 728	9 748	46.8
Chambermaids and maids, except private household	3 295	257	177	395	350	400	276	231	185	284	323	175	64	106	72	36.2
Cleaners and charwomen	63 204	2 557	3 432	5 369	4 884	4 961	5 383	6 838	5 763	6 939	7 249	3 381	2 214	2 683	1 551	43.7
Janitors and sextons	234 494	8 112	9 022	16 432	13 947	15 572	17 717	22 854	26 039	28 338	30 464	16 814	9 119	11 939	8 125	47.6
Food service workers	109 153	13 240	9 531	12 038	10 679	9 056	8 919	9 229	9 640	7 762	8 337	3 772	1 936	3 131	1 883	35.0
Bartenders	7 143	47	85	421	822	851	871	833	936	730	739	258	136	268	146	42.8
Busboys	7 187	3 024	1 458	947	417	156	233	305	127	248	59	71	34	59	49	18.8
Cooks, except private household	49 106	2 658	2 462	4 624	5 438	5 275	4 677	5 112	5 519	4 401	4 085	1 984	1 076	1 201	594	39.4
Dishwashers	13 982	3 936	2 336	1 629	869	575	702	542	505	607	820	504	81	477	399	22.2
Food counter and fountain workers	2 026	372	403	352	82	129	104	187	63	158	90	56	–	15	15	23.4

Table 41. Age of Employed Negroes by Detailed Occupation and Sex: 1970 — Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Male employed — Con.																
Service workers, except private household — Con.																
Food service workers — Continued																
Waiters	17 550	1 329	1 269	2 229	2 090	1 346	1 543	1 378	1 631	900	1 567	678	480	734	376	36.7
Food service workers, n.e.c., except private household	12 159	1 874	1 518	1 836	961	724	789	872	859	718	977	221	129	377	304	29.4
Health service workers	37 000	1 484	3 113	6 088	4 811	3 888	3 768	3 599	3 791	2 545	2 002	867	240	510	294	33.9
Dental assistants	187	–	–	18	41	–	15	39	19	55	–	–	–	–	–	...
Health aides, except nursing	4 094	379	468	664	597	362	508	290	212	267	124	126	–	74	23	29.5
Health trainees	120	–	–	40	22	–	–	28	16	–	–	14	–	–	–	...
Lay midwives	72	–	–	21	–	–	–	–	26	–	25	–	–	–	–	...
Nursing aides, orderlies, and attendants	30 496	1 085	2 581	5 095	3 860	3 265	2 968	2 835	3 294	2 178	1 728	705	240	436	226	34.0
Practical nurses	2 031	20	64	250	291	261	277	407	224	45	125	22	–	–	45	37.3
Personal service workers	47 007	1 600	1 860	3 471	4 165	4 404	3 961	4 551	3 900	5 019	5 155	2 814	1 574	2 316	2 217	44.4
Airline stewardesses	66	–	17	–	–	26	–	–	–	23	–	–	–	–	–	...
Attendants, recreation and amusement	3 953	608	671	505	461	295	248	173	225	123	351	91	20	75	107	27.1
Attendants, personal service, n.e.c	4 275	59	103	332	168	365	246	376	181	572	592	474	143	342	322	52.7
Baggage porters and bellhops	6 259	217	142	550	453	294	498	768	660	741	749	423	300	321	143	46.6
Barbers	14 580	44	164	720	1 461	1 703	1 665	1 749	1 372	1 770	1 696	717	312	553	654	44.4
Boarding and lodging house keepers	102	–	–	–	–	–	–	–	–	–	32	24	30	16	–	...
Bootblacks	2 285	121	111	105	40	70	47	155	129	224	280	158	117	354	374	57.5
Child care workers, except private household	1 248	121	73	120	197	133	72	43	85	79	149	58	–	58	60	34.2
Elevator operators	6 294	38	273	324	284	402	453	537	458	802	742	546	449	495	491	52.4
Hairdressers and cosmetologists	1 983	23	–	183	346	277	350	187	237	145	82	109	–	–	44	37.3
Personal service apprentices	69	23	–	22	–	–	–	–	–	–	–	24	–	–	–	...
Housekeepers, except private household	4 103	64	83	301	557	590	279	488	411	485	356	214	185	68	22	41.8
School monitors	478	108	160	43	23	28	42	–	19	–	16	–	18	21	–	19.6
Ushers, recreation and amusement	367	179	47	21	26	59	22	–	–	–	–	–	–	13	–	...
Welfare service aides	1 014	18	16	267	149	162	39	75	123	55	110	–	–	–	–	31.8
Protective service workers	61 169	62	841	6 279	9 810	7 801	7 500	7 114	6 305	4 352	3 816	1 924	1 053	2 503	1 809	38.9
Crossing guards and bridge tenders	1 134	–	23	53	57	–	49	29	80	37	105	75	22	234	370	65.8
Firemen, fire protection	4 513	–	125	579	993	671	807	540	409	178	58	20	–	110	23	34.2
Guards and watchmen	30 898	26	402	2 619	3 158	2 984	2 774	3 816	3 607	2 945	2 871	1 540	944	1 952	1 260	44.6
Marshals and constables	285	–	25	–	20	56	22	71	20	–	21	50	–	–	–	...
Policemen and detectives	22 716	36	266	2 927	5 329	3 802	3 529	2 544	2 003	975	692	216	87	207	103	33.7
Public	21 362	36	243	2 805	4 994	3 630	3 367	2 409	1 861	852	636	173	87	166	103	33.6
Private	1 354	–	23	122	335	172	162	135	142	123	56	43	–	41	–	35.8
Sheriffs and bailiffs	1 623	–	–	101	253	288	319	114	186	217	69	23	–	–	53	37.7
Service workers, except private household — allocated	78 216	3 000	4 442	10 480	8 577	7 584	8 480	7 549	7 286	7 061	5 402	2 681	1 573	2 366	1 735	38.0
Private household workers	**17 489**	**647**	**214**	**941**	**1 204**	**869**	**1 415**	**1 721**	**1 764**	**1 916**	**2 101**	**1 240**	**578**	**1 441**	**1 438**	**49.9**
Occupation:																
Child care workers, private household	702	100	18	63	112	33	118	33	20	15	143	17	17	–	13	36.1
Cooks, private household	906	21	–	33	18	41	70	65	80	117	115	127	19	131	69	55.3
Housekeepers, private household	1 428	111	–	34	35	23	80	151	225	179	161	138	38	178	75	51.5
Laundresses, private household	108	44	–	–	–	–	–	–	–	23	–	–	–	19	22	...
Maids and servants, private household	12 277	333	196	596	703	602	916	1 355	1 106	1 386	1 519	873	488	1 010	1 194	51.2
Private household workers — allocated	2 068	38	–	215	336	170	231	117	333	196	163	85	16	103	65	41.9
Living arrangement:																
Living in	667	–	–	–	39	–	33	77	86	95	34	53	19	59	172	55.5
Housekeepers, private household	189	–	–	–	–	–	15	29	29	34	–	19	–	24	39	...
Maids and servants, private household	363	–	–	–	39	–	18	48	37	61	19	14	19	16	92	...
Living out	16 822	647	214	941	1 165	869	1 382	1 644	1 678	1 821	2 067	1 187	559	1 382	1 266	49.6

Table 41. **Age of Employed Negroes by Detailed Occupation and Sex: 1970**—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

United States

	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Female employed	**3 333 659**	**53 203**	**139 551**	**474 635**	**411 046**	**380 089**	**376 477**	**379 189**	**337 970**	**291 182**	**231 356**	**103 567**	**48 810**	**64 639**	**41 945**	**37.8**
Professional, technical, and kindred workers	**378 588**	**2 419**	**5 523**	**48 559**	**61 204**	**52 434**	**55 787**	**47 493**	**36 560**	**28 177**	**20 342**	**9 035**	**4 190**	**4 400**	**2 465**	**36.7**
Accountants	7 291	70	337	1 666	1 526	893	535	774	546	478	294	56	19	97	–	30.3
Architects	195	–	–	23	–	21	18	8	–	49	18	24	–	–	34	...
Computer specialists	2 720	–	56	731	620	506	329	233	133	66	46	–	–	–	–	29.6
Computer programers	1 962	–	56	546	464	369	233	162	56	47	29	–	–	–	–	29.1
Computer systems analysts	625	–	–	140	112	118	96	71	52	19	17	–	–	–	–	32.6
Computer specialists, n.e.c	133	–	–	45	44	19	–	–	25	–	–	–	–	–	–	...
Engineers	719	–	39	81	171	103	45	146	61	23	25	–	–	25	–	33.3
Aeronautical and astronautical	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Chemical	22	–	–	22	–	–	–	–	–	–	–	–	–	–	–	...
Civil	104	–	–	31	–	48	–	–	–	–	–	–	–	25	–	...
Electrical and electronic	125	–	–	–	58	21	–	23	23	–	–	–	–	–	–	...
Industrial	299	–	–	28	42	–	20	123	38	23	25	–	–	–	–	...
Mechanical	39	–	39	–	–	–	–	–	–	–	–	–	–	–	–	...
Metallurgical and materials	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mining	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Petroleum	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Sales	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Engineers, n.e.c	130	–	–	–	71	34	25	–	–	–	–	–	–	–	–	...
Farm management advisors	47	–	–	–	–	–	22	25	–	–	–	–	–	–	–	...
Foresters and conservationists	139	–	44	–	19	–	59	–	17	–	–	–	–	–	–	...
Home management advisors	791	–	–	47	131	124	26	22	117	176	40	21	21	66	–	46.9
Lawyers and judges	394	23	–	–	67	92	59	38	76	–	–	18	–	–	21	...
Judges	18	–	–	–	–	–	–	–	18	–	–	–	–	–	–	...
Lawyers	376	23	–	–	67	92	59	38	58	–	–	18	–	–	21	...
Librarians, archivists, and curators	6 646	141	238	727	890	1 032	1 020	673	736	573	328	168	56	44	20	36.4
Librarians	6 578	141	238	727	874	1 032	987	673	717	573	328	168	56	44	20	36.4
Archivists and curators	68	–	–	–	16	–	33	–	19	–	–	–	–	–	–	...
Mathematical specialists	885	–	25	275	126	109	36	67	119	–	18	110	–	–	–	30.8
Actuaries	33	–	–	18	15	–	–	–	–	–	–	–	–	–	–	...
Mathematicians	183	–	–	27	63	27	–	19	23	–	–	24	–	–	–	...
Statisticians	669	–	25	230	48	82	36	48	96	–	18	86	–	–	–	31.9
Life and physical scientists	1 381	–	19	262	383	157	183	87	104	70	74	–	22	–	20	30.8
Agricultural	17	–	–	–	–	–	–	–	–	–	17	–	–	–	–	...
Atmospheric and space	55	–	–	–	–	–	–	–	19	17	19	–	–	–	–	...
Biological	626	–	19	104	187	85	145	52	–	34	–	–	–	–	–	30.2
Chemists	548	–	–	139	132	45	38	35	60	19	38	–	22	–	20	30.3
Geologists	17	–	–	–	17	–	–	–	–	–	–	–	–	–	–	...
Marine	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Physicists and astronomers	91	–	–	19	47	–	–	–	25	–	–	–	–	–	–	...
Life and physical, n.e.c	27	–	–	–	–	27	–	–	–	–	–	–	–	–	–	...
Operations and systems researchers and analysts	375	–	–	111	128	44	–	11	40	18	23	–	–	–	–	...
Personnel and labor relations workers	6 862	–	35	662	1 353	989	1 034	784	802	369	380	258	41	106	49	36.9
Physicians, dentists, and related practitioners	1 711	–	45	286	288	221	128	216	114	223	61	82	26	–	21	35.6
Chiropractors	21	–	–	21	–	–	–	–	–	–	–	–	–	–	–	...
Dentists	145	–	–	–	17	28	23	16	–	61	–	–	–	–	–	...
Optometrists	21	–	–	–	–	21	–	–	–	–	–	–	–	–	–	...
Pharmacists	698	–	23	140	216	24	60	91	–	59	–	59	26	–	–	29.3
Physicians, medical and osteopathic	786	–	22	107	55	148	45	109	114	81	61	23	–	–	21	40.7
Podiatrists	22	–	–	–	–	–	–	–	–	22	–	–	–	–	–	...
Veterinarians	18	–	–	18	–	–	–	–	–	–	–	–	–	–	–	...
Health practitioners, n.e.c	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	71 487	252	718	7 207	9 218	11 056	11 908	9 863	8 328	5 627	4 029	1 437	685	702	457	38.1
Dietitians	6 707	116	249	776	1 041	969	862	906	806	453	309	104	19	53	44	36.2
Registered nurses	61 652	136	376	5 786	7 586	9 665	10 391	8 672	7 306	5 074	3 665	1 315	666	625	389	38.5
Therapists	3 128	–	93	645	591	422	655	285	216	100	55	18	–	24	24	32.8

Table 41. **Age of Employed Negroes by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Female employed — Con.																
Professional, technical, and kindred workers — Con.																
Health technologists and technicians	15 145	114	232	2 711	3 052	2 654	2 091	1 712	1 030	1 011	402	53	47	16	20	32.8
Clinical laboratory technologists and technicians	6 977	48	77	1 468	1 557	1 326	741	682	399	446	176	18	23	16	–	31.3
Dental hygienists	254	–	–	35	94	–	42	–	40	43	–	–	–	–	–	...
Health record technologists and technicians	474	–	–	48	84	36	64	87	112	43	–	–	–	–	–	40.3
Radiologic technologists and technicians	2 078	18	18	376	356	443	321	219	62	157	108	–	–	–	–	33.1
Therapy assistants	240	–	39	19	46	19	20	62	–	–	–	35	–	–	–	...
Health technologists and technicians, n.e.c	5 122	48	98	765	915	830	903	662	417	322	118	–	24	–	20	34.4
Religious workers	1 288	–	37	83	106	71	64	171	127	198	127	107	37	59	101	49.4
Clergymen	810	–	17	41	90	45	14	48	127	158	93	80	18	20	59	50.7
Religious workers, n.e.c	478	–	20	42	16	26	50	123	–	40	34	27	19	39	42	43.5
Social scientists	1 305	–	8	224	206	153	213	154	119	125	75	–	16	12	–	36.4
Economists	461	–	–	60	71	87	25	62	57	87	12	–	–	–	–	37.5
Political scientists	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Psychologists	583	–	8	46	111	66	168	43	41	38	46	–	16	–	–	36.8
Sociologists	126	–	–	76	24	–	–	26	–	–	–	–	–	–	–	...
Urban and regional planners	100	–	–	19	–	–	20	23	21	–	17	–	–	–	–	...
Social scientists, n.e.c	35	–	–	23	–	–	–	–	–	–	–	–	–	12	–	...
Social and recreation workers	25 861	410	605	2 819	4 394	3 476	3 517	3 215	2 706	2 029	1 386	531	225	334	214	36.7
Social	22 991	111	281	2 403	3 955	3 298	3 262	2 951	2 438	1 799	1 280	440	225	334	214	37.2
Recreation	2 870	299	324	416	439	178	255	264	268	230	106	91	–	–	–	29.5
Teachers, college and university	7 535	53	486	1 283	1 003	964	1 077	744	646	600	326	160	62	113	18	34.9
Agriculture	15	–	–	–	–	–	15	–	–	–	–	–	–	–	–	...
Atmospheric, earth, marine, and space	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Biology	83	–	–	–	–	–	24	16	36	–	–	–	7	–	–	...
Chemistry	54	–	–	29	25	–	–	–	–	–	–	–	–	–	–	...
Physics	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Engineering	76	–	–	–	–	–	–	30	19	–	–	27	–	–	–	...
Mathematics	226	–	–	39	53	36	53	20	–	–	25	–	–	–	–	...
Health specialties	932	–	24	16	128	262	202	83	25	107	85	–	–	–	–	35.9
Psychology	129	–	–	–	35	20	27	22	–	25	–	–	–	–	–	...
Business and commerce	493	–	–	35	135	93	131	45	36	18	–	–	–	–	–	34.1
Economics	15	–	–	–	15	–	–	–	–	–	–	–	–	–	–	...
History	87	–	–	–	–	21	24	–	16	–	26	–	–	–	–	...
Sociology	132	–	–	18	23	28	–	26	18	19	–	–	–	–	–	...
Social science teachers, n.e.c	201	–	–	–	27	33	79	24	19	19	–	–	–	–	–	...
Art, drama, and music	320	–	27	102	51	–	42	27	35	–	36	–	–	–	–	...
Coaches and physical education	99	–	–	29	–	–	–	50	–	20	–	–	–	–	–	...
Education	151	–	–	–	–	–	22	30	21	56	22	–	–	–	–	...
English	766	–	–	204	65	65	113	78	35	129	40	20	17	–	–	37.2
Foreign language	117	–	–	25	18	37	–	18	–	19	–	–	–	–	–	...
Home economics	259	–	20	26	–	21	13	50	42	20	67	–	–	–	–	...
Law	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Theology	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Trade, industrial, and technical	42	–	–	23	–	–	–	19	–	–	–	–	–	–	–	...
Miscellaneous teachers, college and university	129	31	19	21	–	–	58	–	–	–	–	–	–	–	–	...
Teachers, college and university, subject not specified	3 209	22	396	716	428	348	274	206	344	168	25	113	38	113	18	30.6
Teachers, except college and university	173 502	850	1 210	19 077	28 878	23 839	26 347	22 734	16 673	13 290	10 437	4 675	2 464	2 102	926	37.4
Adult education	2 146	–	22	384	265	405	294	274	189	75	72	23	72	50	21	35.0
Elementary school	115 335	437	539	11 268	18 365	15 473	18 136	15 942	11 403	9 298	7 623	3 352	1 784	1 304	411	38.2
Public	103 023	247	459	9 841	16 292	13 995	16 500	14 263	10 317	8 185	6 797	3 026	1 651	1 114	336	38.2
Private	12 312	190	80	1 427	2 073	1 478	1 636	1 679	1 086	1 113	826	326	133	190	75	37.8
Prekindergarten and kindergarten	13 990	142	284	1 839	2 135	1 992	2 060	1 663	1 167	1 010	869	381	153	183	112	36.5
Public	8 566	125	100	970	1 355	1 281	1 272	1 203	596	667	489	272	86	56	94	36.8
Private	5 424	17	184	869	780	711	788	460	571	343	380	109	67	127	18	36.0

Table 41. Age of Employed Negroes by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Female employed—Con.																
Professional, technical, and kindred workers—Con.																
Teachers, except college and university—Continued																
Secondary school	38 338	95	165	5 195	7 645	5 491	5 475	4 604	3 638	2 519	1 730	795	328	427	231	35.5
Public	34 193	95	145	4 501	6 748	4 882	4 799	4 247	3 307	2 353	1 565	715	262	390	184	35.8
Private	4 145	–	20	694	897	609	676	357	331	166	165	80	66	37	47	33.8
Teachers, except college and university, n.e.c	3 693	176	200	391	468	478	382	251	276	388	143	124	127	138	151	36.7
Engineering and science technicians	4 700	142	260	1 070	888	681	665	311	275	155	122	60	23	23	25	29.9
Agriculture and biological, except health	503	26	–	194	35	68	51	63	18	–	48	–	–	–	–	29.5
Chemical	665	–	74	174	112	141	77	–	43	21	–	–	23	–	–	28.8
Draftsmen	641	26	19	173	244	30	93	19	–	37	–	–	–	–	–	27.1
Electrical and electronic engineering	652	64	–	64	141	40	104	99	75	32	33	–	–	–	–	35.8
Industrial engineering	133	–	–	34	44	20	35	–	–	–	–	–	–	–	–	...
Mechanical engineering	16	–	–	–	–	16	–	–	–	–	–	–	–	–	–	...
Mathematical	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Surveyors	50	–	–	25	–	–	–	–	–	–	–	–	–	–	25	...
Engineering and science, n.e.c	2 040	26	167	406	312	366	305	130	139	65	41	60	–	23	–	31.5
Technicians, except health, and engineering and science	1 285	–	24	197	159	173	205	235	196	71	–	25	–	–	–	37.2
Airplane pilots	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Air traffic controllers	92	–	–	22	–	23	–	47	–	–	–	–	–	–	–	...
Embalmers	64	–	–	–	–	22	–	19	23	–	–	–	–	–	–	...
Flight engineers	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Radio operators	368	–	24	73	76	43	73	53	26	–	–	–	–	–	–	...
Tool programers, numerical control	25	–	–	25	–	–	–	–	–	–	–	–	–	–	–	...
Technicians, n.e.c	736	–	–	77	83	85	132	116	147	71	–	25	–	–	–	39.7
Vocational and educational counselors	5 524	43	80	702	771	416	818	635	716	606	382	188	69	83	15	39.6
Writers, artists, and entertainers	6 593	162	266	1 422	999	738	952	571	436	417	236	205	62	42	85	33.0
Actors	203	23	23	49	15	19	10	–	29	35	–	–	–	–	–	...
Athletes and kindred workers	204	35	–	107	19	18	25	–	–	–	–	–	–	–	–	...
Authors	133	–	–	20	21	21	51	–	–	20	–	–	–	–	–	...
Dancers	404	–	–	286	41	55	22	–	–	–	–	–	–	–	–	23.5
Designers	624	–	23	105	76	96	89	122	57	38	–	18	–	–	–	35.7
Editors and reporters	1 777	19	93	392	272	164	333	81	155	105	25	98	16	–	24	33.4
Musicians and composers	1 167	85	41	160	115	83	146	114	41	85	132	36	46	22	61	38.4
Painters and sculptors	442	–	24	107	162	39	19	47	24	20	–	–	–	–	–	27.8
Photographers	232	–	38	49	17	50	34	–	–	16	–	28	–	–	–	...
Public relations men and publicity writers	773	–	–	75	166	155	124	110	43	58	42	–	–	–	–	34.7
Radio and television announcers	21	–	–	–	–	–	–	–	21	–	–	–	–	–	–	...
Writers, artists, and entertainers, n.e.c	613	–	24	72	95	38	99	97	66	40	37	25	–	20	–	38.9
Research workers, not specified	1 251	–	55	390	206	163	154	72	75	57	58	–	–	21	–	29.4
Professional, technical, and kindred workers—allocated	32 956	159	704	6 503	5 622	3 759	4 282	3 992	2 368	1 946	1 455	857	315	555	439	34.6
Managers and administrators, except farm	**46 625**	**102**	**567**	**3 444**	**4 040**	**5 360**	**6 099**	**6 858**	**6 810**	**4 799**	**3 903**	**2 029**	**725**	**1 084**	**805**	**42.7**
Assessors, controllers, and treasurers; local public administration	89	17	–	34	–	–	–	–	–	25	–	–	13	–	–	...
Bank officers and financial managers	1 426	–	19	329	400	108	133	131	128	62	56	44	–	16	–	29.6
Buyers and shippers, farm products	40	–	–	–	40	–	–	–	–	–	–	–	–	–	–	...
Buyers, wholesale and retail trade	1 291	–	110	239	247	217	189	82	166	22	–	19	–	–	–	31.1
Credit men	330	–	–	111	82	23	41	18	–	–	–	–	–	–	55	...
Funeral directors	416	–	–	–	–	23	–	43	96	42	30	49	43	35	55	55.7
Health administrators	2 030	–	–	69	97	277	412	268	381	224	192	63	–	–	47	43.0
Construction inspectors, public administration	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Inspectors, except construction; public administration	979	–	13	135	143	156	127	107	41	90	125	23	19	–	–	36.7
Federal public administration and postal service	670	–	13	115	75	137	44	107	–	35	125	–	19	–	–	34.8
State public administration	93	–	–	–	–	–	–	–	41	29	–	23	–	–	–	...
Local public administration	216	–	–	20	68	19	83	–	–	26	–	–	–	–	–	...
Managers and superintendents, building	1 375	–	–	–	46	229	285	150	354	55	128	81	47	–	–	44.3
Office managers, n.e.c	1 087	–	–	40	180	179	246	190	173	–	20	21	20	18	–	37.9
Officers, pilots, and pursers, ship	24	–	–	–	–	–	–	–	–	–	–	–	–	–	24	...

Table 41. Age of Employed Negroes by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Female employed—Con.																
Managers and administrators, except farm—Con.																
Officials and administrators, public administration, n.e.c	3 776	24	54	356	394	439	457	652	459	433	215	100	108	67	18	41.3
Federal public administration and postal service	2 218	–	41	160	220	230	355	385	256	298	103	44	90	18	18	41.3
State public administration	456	–	–	89	91	46	17	95	44	19	18	19	18	–	–	35.6
Local public administration	1 102	24	13	107	83	163	85	172	159	116	94	37	–	49	–	42.2
Officials of lodges, societies, and unions	414	–	16	52	69	–	–	71	86	21	78	21	–	–	–	44.9
Postmasters and mail superintendents	76	–	–	–	–	–	–	31	–	–	45	–	–	–	–	...
Purchasing agents and buyers, n.e.c	1 155	–	41	46	140	185	212	184	170	106	36	35	–	–	–	38.9
Railroad conductors	69	–	–	–	19	–	–	24	–	–	–	26	–	–	–	...
Restaurant, cafeteria, and bar managers	7 564	26	20	253	248	683	758	1 145	1 231	1 234	1 034	458	148	254	72	47.6
Sales managers and department heads, retail trade	1 416	–	23	168	105	352	160	264	151	57	106	–	30	–	–	36.9
Sales managers, except retail trade	285	12	–	39	11	111	44	21	33	–	–	14	–	–	–	...
School administrators, college	520	–	14	25	62	18	65	115	64	96	61	–	–	–	–	43.3
School administrators, elementary and secondary	4 641	–	44	112	183	411	664	852	879	551	393	225	101	226	–	45.3
Managers and administrators, n.e.c., salaried	9 579	–	136	906	1 001	1 203	1 474	1 501	1 246	594	637	310	149	238	184	40.2
Construction	49	–	–	–	–	20	16	13	–	–	–	–	–	–	–	...
Durable goods manufacturing	271	–	–	38	51	85	58	–	–	–	–	20	19	–	–	...
Nondurable goods, incl. not specified manufacturing	318	–	–	45	66	55	71	–	20	22	20	–	19	–	–	...
Transportation	156	–	–	41	25	27	27	12	–	–	–	–	24	–	–	...
Communications, and utilities and sanitary services	326	–	–	–	50	83	84	90	–	19	–	–	–	–	–	...
Wholesale trade	161	–	–	48	–	17	56	40	–	–	–	–	–	–	–	...
Retail trade	2 698	–	29	356	288	300	297	511	416	113	113	69	28	71	107	40.8
Hardware, farm equipment, and building material retailing	42	–	–	–	25	–	–	–	–	–	–	17	–	–	–	...
General merchandise stores	534	–	14	84	100	94	74	23	110	15	–	–	–	–	20	33.7
Food stores	1 143	–	15	92	97	35	120	252	186	98	91	27	28	36	66	44.2
Motor vehicles and accessories retailing	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Gasoline service stations	36	–	–	–	–	–	15	–	21	–	–	–	–	–	–	...
Apparel and accessories stores	403	–	–	77	66	53	21	114	37	–	–	–	–	35	–	36.3
Furniture, home furnishings, and equipment stores	63	–	–	–	–	–	–	43	20	–	–	–	–	–	–	...
Other retail trade	477	–	–	103	–	118	67	79	42	–	22	25	–	–	21	36.3
Finance, insurance and real estate	548	–	–	75	41	23	56	122	81	–	72	78	–	–	–	43.2
Business and repair services	511	–	41	35	106	33	87	64	78	47	–	–	–	–	20	37.3
Personal services	1 139	–	–	60	63	133	142	146	216	83	193	19	26	41	17	45.6
All other industries[1]	3 402	–	66	208	311	427	580	503	435	310	239	124	33	126	40	41.1
Managers and administrators, n.e.c., self-employed	4 344	–	–	54	110	215	502	601	811	782	464	304	36	197	268	49.3
Construction	56	–	–	–	–	13	–	19	24	–	–	–	–	–	–	...
Durable goods manufacturing	44	–	–	–	–	–	–	–	25	–	–	–	–	–	19	...
Nondurable goods, incl. not specified manufacturing	45	–	–	–	–	–	23	–	–	–	–	22	–	–	–	...
Transportation	19	–	–	–	–	–	–	–	–	19	–	–	–	–	–	...
Communications, and utilities and sanitary services	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Wholesale trade	94	–	–	–	–	–	18	18	38	–	–	20	–	–	–	...
Retail trade	2 985	–	–	30	75	122	338	417	422	648	368	198	36	120	211	50.7
Hardware, farm equipment, and building material retailing	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
General merchandise stores	108	–	–	–	–	–	20	–	23	40	–	–	–	25	–	...
Food stores	2 053	–	–	–	61	122	278	264	222	423	246	155	17	78	187	50.9
Motor vehicles and accessories retailing	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Gasoline service stations	108	–	–	–	–	–	16	21	29	42	–	–	–	–	–	...
Apparel and accessories stores	116	–	–	30	14	–	–	37	–	24	–	–	–	–	11	...
Furniture, home furnishings, and equipment stores	45	–	–	–	–	–	–	–	–	26	–	–	19	–	–	...
Other retail trade	555	–	–	–	–	–	24	95	148	93	122	43	–	17	13	50.6
Finance, insurance, and real estate	24	–	–	–	–	–	–	–	–	24	–	–	–	–	–	...
Business and repair services	181	–	–	–	35	44	21	23	25	13	–	20	–	–	–	...
Personal services	686	–	–	24	–	36	81	74	199	55	96	44	–	61	16	48.2
All other industries[1]	210	–	–	–	–	–	21	50	78	23	–	–	–	16	22	...
Managers and administrators, except farm—allocated	3 699	23	77	476	463	531	330	408	341	405	283	236	11	33	82	39.2

[1]Includes transportation, communications, and other public utilities—allocated.

Table 41. **Age of Employed Negroes by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Female employed—Con.																
Sales workers	**85 081**	**3 660**	**7 273**	**14 928**	**9 639**	**9 820**	**9 263**	**8 267**	**7 293**	**6 258**	**4 200**	**1 910**	**618**	**1 045**	**907**	**33.6**
Advertising agents and salesmen	245	24	26	45	43	27	59	–	21	–	–	–	–	–	–	...
Auctioneers	21	–	–	–	–	–	–	21	–	–	–	–	–	–	–	...
Demonstrators	824	–	28	59	102	123	19	141	257	36	19	21	–	19	–	42.9
Hucksters and peddlers	1 657	–	–	149	166	103	180	190	147	336	144	75	55	32	80	46.4
Insurance agents, brokers, and underwriters	3 926	–	40	595	426	547	579	448	348	283	387	94	33	18	128	38.1
Newsboys	227	–	–	49	44	43	–	–	–	–	38	–	–	53	–	...
Real estate agents and brokers	1 528	–	–	83	133	237	139	153	253	172	143	81	16	118	–	45.4
Stock and bond salesmen	270	–	16	130	22	–	61	18	–	23	–	–	–	–	–	...
Salesmen and sales clerks, n.e.c	63 779	3 051	5 553	11 334	7 170	7 532	6 708	5 762	5 808	4 696	3 003	1 343	471	787	561	33.2
Sales representatives, manufacturing industries	871	21	69	127	139	86	93	111	35	35	–	37	48	70	–	34.6
Sales representatives, wholesale trade	2 231	35	142	234	443	299	258	97	214	273	168	28	18	–	22	34.4
Sales clerks, retail trade	55 969	2 896	4 859	9 841	5 970	6 760	5 767	5 207	5 215	4 125	2 594	1 171	366	694	504	33.3
General merchandise stores	29 944	1 634	3 118	6 010	2 921	3 878	2 748	2 606	2 738	2 280	932	608	103	269	99	31.7
Food stores	5 173	303	276	434	458	607	701	647	391	348	493	193	63	143	116	38.6
Apparel and accessories stores	9 711	388	836	1 596	1 251	1 203	913	955	986	765	405	143	96	76	98	33.3
Other sales clerks, retail trade	11 141	571	629	1 801	1 340	1 072	1 405	999	1 100	732	764	227	104	206	191	35.6
Salesmen, retail trade	1 625	26	128	341	314	166	123	146	72	133	60	64	17	–	35	30.1
Motor vehicles and accessories dealers	155	–	–	23	38	41	–	–	12	19	–	22	–	–	–	...
Salesmen of services and construction	3 083	73	355	791	304	221	467	201	272	130	181	43	22	23	–	30.4
Sales workers—allocated	12 604	585	1 610	2 484	1 533	1 208	1 518	1 534	459	712	466	296	43	18	138	30.4
Clerical and kindred workers	**691 097**	**20 322**	**66 712**	**186 449**	**111 102**	**82 732**	**65 423**	**56 646**	**42 237**	**29 173**	**16 799**	**5 769**	**2 853**	**2 634**	**2 246**	**28.2**
Bank tellers	7 763	107	667	2 479	1 729	1 256	574	514	242	89	87	19	–	–	–	26.8
Billing clerks	3 734	40	300	1 196	747	511	246	311	178	135	46	–	24	–	–	27.2
Bookkeepers	33 445	372	1 716	8 383	5 391	4 649	3 547	3 544	2 405	1 673	965	317	184	254	45	30.9
Cashiers	43 559	3 233	4 811	9 473	6 027	5 869	4 826	3 382	2 594	1 611	959	406	219	71	78	28.5
Clerical assistants, social welfare	150	–	25	19	–	–	–	33	16	21	16	–	–	20	–	...
Clerical supervisors, n.e.c	3 850	22	–	324	470	734	457	664	578	279	264	40	18	–	–	39.1
Collectors, bill and account	1 304	29	22	359	111	184	97	73	158	156	54	25	19	–	17	33.6
Counter clerks, except food	9 963	335	761	1 939	1 354	1 091	1 199	1 183	881	517	443	147	34	79	–	32.7
Dispatchers and starters, vehicle	1 159	50	23	347	151	143	212	88	22	50	45	28	–	–	–	30.3
Enumerators and interviewers	3 845	68	367	900	640	531	327	341	225	237	115	–	41	34	19	29.6
Estimators and investigators, n.e.c	7 196	40	356	2 013	1 190	756	934	785	482	391	147	22	53	–	27	30.0
Expeditors and production controllers	3 196	48	208	730	489	372	407	254	332	251	54	17	34	–	–	31.7
File clerks	39 095	2 244	5 661	10 871	5 510	3 721	3 188	2 580	2 167	1 677	896	250	165	121	44	25.7
Insurance adjusters, examiners, and investigators	2 041	–	182	590	565	309	104	152	79	19	23	–	–	18	–	27.2
Library attendants and assistants	7 291	688	1 366	1 784	494	396	568	596	622	474	195	58	–	29	21	24.5
Mail carriers, post office	3 060	–	264	675	631	466	421	238	193	71	41	22	–	23	15	29.7
Mail handlers, except post office	5 591	113	685	1 399	827	438	600	409	367	382	213	53	36	23	46	28.6
Messengers, including telegraph, and office boys	1 497	152	285	377	197	56	152	107	91	35	22	–	23	–	–	24.1
Meter readers, utilities	73	–	23	25	–	25	–	–	–	–	–	–	–	–	–	...
Office machine operators	44 142	223	3 365	13 889	9 965	6 014	3 960	2 876	2 078	893	587	158	65	39	30	27.3
Bookkeeping and billing machine	3 755	18	287	1 154	745	548	303	296	277	31	43	53	–	–	–	27.8
Calculating machine	1 880	39	165	650	257	185	297	119	69	–	73	–	26	–	–	26.7
Computer and peripheral equipment	3 134	17	65	857	775	333	419	156	431	37	27	–	–	17	–	29.1
Duplicating machine	1 132	–	101	293	143	171	21	159	39	149	56	–	–	–	–	30.8
Keypunch	31 082	80	2 530	9 991	7 579	4 373	2 561	1 927	1 098	517	252	105	39	–	30	26.9
Tabulating machine	653	–	25	150	112	142	67	52	18	21	44	–	–	22	–	31.4
Office machine, n.e.c	2 506	69	192	794	354	262	292	167	146	138	92	–	–	–	–	27.8
Payroll and timekeeping clerks	5 144	19	117	1 221	599	756	731	392	618	419	215	–	29	–	28	34.1
Postal clerks	27 411	207	1 526	6 299	5 398	3 497	3 269	3 101	1 811	1 257	654	175	115	54	48	30.4
Proofreaders	1 068	61	96	345	144	59	105	71	97	15	58	–	–	–	17	26.1
Real estate appraisers	44	–	–	23	–	–	21	–	–	–	–	–	–	–	–	...
Receptionists	14 321	396	1 538	4 252	2 024	1 628	1 240	1 195	853	596	281	113	37	136	32	27.4

Table 41. **Age of Employed Negroes by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Female employed—Con.																
Clerical and kindred workers—Continued																
Secretaries	87 707	1 841	6 448	26 113	18 294	11 954	7 685	5 899	4 162	2 749	1 597	566	81	169	149	27.6
Secretaries, legal	1 513	–	81	409	447	304	150	101	21	–	–	–	–	–	–	28.0
Secretaries, medical	2 881	40	77	759	659	477	163	313	105	137	135	16	–	–	–	29.3
Shipping and receiving clerks	6 844	59	123	1 574	1 056	838	836	774	616	525	250	77	14	35	67	33.6
Statistical clerks	12 933	79	654	3 563	2 074	1 379	1 194	1 300	1 436	628	409	131	63	23	–	30.3
Stenographers	5 690	71	700	2 081	1 036	639	322	379	115	147	154	–	20	–	26	25.0
Stock clerks and storekeepers	12 092	216	706	1 432	1 270	1 360	1 295	1 581	1 479	1 377	908	145	129	160	34	39.1
Teacher aides, except school monitors	23 945	994	1 470	3 299	3 117	3 227	4 002	2 912	2 108	1 270	815	307	75	202	147	34.8
Telegraph operators	307	–	15	128	87	21	–	39	17	–	–	–	–	–	–	...
Telephone operators	41 600	1 259	6 494	15 581	6 957	4 056	2 179	2 205	1 475	637	459	143	38	69	48	24.2
Ticket, station, and express agents	2 218	22	71	583	720	233	230	131	81	41	49	33	24	–	–	28.0
Typists	87 490	3 472	12 067	31 042	13 542	9 049	5 957	4 964	3 498	1 852	1 077	375	159	205	231	24.5
Weighers	1 449	21	27	262	215	232	167	131	161	107	103	–	–	23	–	34.3
Miscellaneous and not specified clerical workers	67 583	1 693	4 879	16 317	9 551	8 219	7 155	6 575	5 389	3 960	1 966	718	400	323	438	30.8
Occupation:																
Miscellaneous clerical workers	25 835	235	1 554	6 925	3 854	3 363	2 778	2 485	1 897	1 504	633	286	91	112	118	30.5
Not specified clerical workers	41 748	1 458	3 325	9 392	5 697	4 856	4 377	4 090	3 492	2 456	1 333	432	309	211	320	31.0
Industry:																
Manufacturing	4 648	42	307	1 031	1 106	788	350	445	324	179	44	16	16	–	–	29.3
Transportation, communications, and other public utilities	6 667	69	553	2 397	1 392	733	725	284	257	157	45	32	23	–	–	26.1
Wholesale and retail trade	9 137	328	469	2 114	1 285	1 225	1 129	871	680	519	265	98	42	41	71	31.5
Finance, insurance, and real estate	9 187	149	859	3 310	1 559	1 014	861	578	488	223	60	53	19	–	14	25.9
Professional and related services	17 989	615	1 501	4 082	2 375	2 142	1 937	1 723	1 395	1 024	607	278	79	89	142	31.0
Public administration	15 101	377	587	2 330	1 360	1 772	1 623	2 100	1 791	1 600	871	201	157	183	149	38.5
All other industries	4 854	113	603	1 053	474	545	530	574	454	258	74	40	64	10	62	31.7
Clerical and kindred workers—allocated	71 297	2 148	8 694	14 562	8 530	8 064	7 216	6 867	4 611	4 632	2 632	1 424	754	524	639	31.1
Craftsmen and kindred workers	**48 140**	**280**	**1 082**	**6 537**	**6 786**	**6 130**	**5 783**	**6 288**	**5 226**	**4 485**	**2 724**	**1 231**	**584**	**487**	**517**	**37.8**
Automobile accessories installers	63	–	–	–	25	–	–	–	–	14	–	24	–	–	–	...
Bakers	3 981	19	23	245	481	673	411	554	422	339	484	206	19	92	13	41.3
Cabinetmakers	151	–	–	36	–	–	–	–	28	–	44	43	–	–	–	...
Carpet installers	23	–	–	–	–	–	23	–	–	–	–	–	–	–	–	...
Construction craftsmen	4 927	94	59	684	646	720	517	681	491	436	244	183	37	67	68	37.5
Brickmasons and stonemasons	385	24	–	90	62	77	–	22	43	18	49	–	–	–	–	...
Brickmasons and stonemasons, apprentices	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Bulldozer operators	268	–	16	–	35	45	25	74	–	22	–	51	–	–	–	...
Carpenters	950	30	–	143	115	108	112	62	127	151	40	12	–	33	17	38.5
Carpenter apprentices	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cement and concrete finishers	489	–	–	24	65	84	24	72	66	65	50	20	–	19	–	43.3
Electricians	628	–	43	132	57	102	172	146	99	32	–	–	19	–	26	37.3
Electrician apprentices	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Excavating, grading, and road machine operators, except bulldozer	277	–	–	28	38	42	23	74	28	–	–	29	–	15	–	...
Floor layers, except tile setters	19	–	–	–	–	19	–	–	–	–	–	–	–	–	–	...
Painters, construction and maintenance	886	20	–	110	163	130	83	101	88	113	27	51	–	–	–	36.2
Painter apprentices	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Paperhangers	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Plasterers	103	–	–	18	17	23	–	45	–	–	–	–	–	–	–	...
Plasterer apprentices	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Plumbers and pipe fitters	362	–	–	36	16	25	38	68	19	35	62	20	18	–	25	...
Plumber and pipe fitter apprentices	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Roofers and slaters	257	20	–	103	78	–	23	17	–	–	16	–	–	–	–	...
Structural metal craftsmen	20	–	–	–	–	20	–	–	–	–	–	–	–	–	–	...
Tile setters	83	–	–	–	–	45	17	–	21	–	–	–	–	–	–	...

Table 41. **Age of Employed Negroes by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Female employed—Con.																
Craftsmen and kindred workers—Continued																
Cranemen, derrickmen, and hoistmen	477	–	–	76	–	78	42	63	41	42	62	–	39	–	34	43.4
Decorators and window dressers	1 873	42	–	41	115	237	329	198	303	329	65	97	65	52	–	44.4
Dental laboratory technicians	524	29	–	55	36	35	114	54	161	40	–	–	–	–	–	39.7
Electric power linemen and cablemen	144	–	–	24	35	19	23	30	–	13	–	–	–	–	–	...
Engravers, except photoengravers	124	–	24	37	18	24	21	–	–	–	–	–	–	–	–	...
Foremen, n.e.c.	7 985	–	21	599	1 080	869	1 342	1 414	1 090	697	593	124	60	37	59	40.3
Construction	113	–	21	–	–	17	33	–	19	23	–	–	–	–	–	...
Manufacturing	3 726	–	–	282	623	379	602	557	444	351	316	53	60	37	22	39.8
Metal industries	220	–	–	18	62	50	–	23	48	–	19	–	–	–	–	...
Machinery, except electrical	127	–	–	–	56	–	33	21	–	–	17	–	–	–	–	...
Electrical machinery, equipment, and supplies	468	–	–	82	85	23	69	31	103	32	–	–	43	–	–	38.2
Transportation equipment	162	–	–	–	25	12	59	–	11	–	–	35	–	20	–	...
Other durable goods	542	–	–	–	62	33	109	85	81	128	22	–	–	–	22	43.9
Food and kindred products	294	–	–	28	41	17	52	57	35	–	46	18	–	–	–	...
Textiles, textile products, and apparel	1 201	–	–	78	134	150	198	206	148	102	151	–	17	17	–	41.0
Other nondurable goods, including not specified manufacturing	712	–	–	76	158	94	82	134	18	89	61	–	–	–	–	36.7
Transportation	60	–	–	–	25	18	–	17	–	–	–	–	–	–	–	...
Communications, and utilities and sanitary services	293	–	–	38	55	28	–	59	75	15	23	–	–	–	–	...
Wholesale and retail trade	1 338	–	–	133	184	109	310	224	203	69	80	26	–	–	–	38.9
All other industries[1]	2 455	–	–	146	193	318	397	557	349	239	174	45	–	–	37	41.6
Furniture and wood finishers	598	–	19	70	49	78	86	125	81	67	23	–	–	–	–	39.8
Furriers	140	–	–	16	–	–	–	19	57	20	–	28	–	–	–	...
Glaziers	144	–	–	45	37	–	22	–	–	–	24	–	–	–	16	...
Inspectors, scalers, and graders; log and lumber	477	–	20	54	69	22	80	146	34	52	–	–	–	–	–	39.6
Inspectors, n.e.c.	1 711	–	29	236	316	265	126	191	238	177	113	–	20	–	–	35.4
Construction	20	–	–	20	–	–	–	–	–	–	–	–	–	–	–	...
Railroads and railway express service	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Jewelers and watchmakers	414	–	–	61	121	32	107	25	41	–	–	27	–	–	–	33.9
Locomotive engineers	46	–	–	–	25	–	–	–	–	21	–	–	–	–	–	...
Locomotive firemen	71	–	–	71	–	–	–	–	–	–	–	–	–	–	–	...
Mechanics and repairmen	5 016	17	115	907	670	805	516	398	445	420	283	159	46	50	185	35.0
Air conditioning, heating, and refrigeration	66	–	–	–	18	31	17	–	–	–	–	–	–	–	–	...
Aircraft	612	–	52	61	55	104	78	53	–	85	72	28	24	–	–	37.2
Automobile body repairmen	107	–	–	23	22	–	–	–	–	16	22	–	–	–	24	...
Automobile mechanics	1 516	–	24	326	186	225	178	139	215	67	40	64	–	10	42	34.9
Automobile mechanic apprentices	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Data processing machine repairmen	106	–	–	–	36	21	–	–	–	18	19	–	–	12	–	...
Farm implement	18	–	–	–	–	–	–	–	18	–	–	–	–	–	–	...
Heavy equipment mechanics, including diesel	1 084	–	–	235	193	154	91	71	108	57	62	–	22	28	63	33.7
Household appliance and accessory installers and mechanics	373	17	24	72	–	54	65	37	17	36	17	–	–	–	34	...
Loom fixers	31	–	–	31	–	–	–	–	–	–	–	–	–	–	–	...
Office machine	67	–	–	–	–	44	–	23	–	–	–	–	–	–	–	...
Radio and television	424	–	–	76	108	57	–	17	33	74	10	49	–	–	–	32.5
Railroad and car shop	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mechanics, except auto, apprentices	20	–	–	–	20	–	–	–	–	–	–	–	–	–	–	...
Miscellaneous mechanics and repairmen, including mechanics, except auto, apprentices	543	–	15	83	52	94	58	58	54	48	41	18	–	–	22	37.4
Manufacturing	215	–	15	61	20	21	–	35	–	15	26	–	–	–	22	...
Not specified mechanics and repairmen	69	–	–	–	–	21	29	–	–	19	–	–	–	–	–	...
Manufacturing	40	–	–	–	–	21	–	–	–	19	–	–	–	–	–	...
Metal craftsmen, except mechanics	3 277	–	154	566	470	372	423	438	387	261	97	21	–	–	88	35.9
Blacksmiths	23	–	–	–	–	23	–	–	–	–	–	–	–	–	–	...
Boilermakers	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

[1] Includes transportation, communications, and other public utilities—allocated.

Table 41. Age of Employed Negroes by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Female employed—Con.																
Craftsmen and kindred workers—Continued																
Metal craftsmen, except mechanics—Continued																
Forgemen and hammermen	95	–	–	–	–	–	56	20	–	–	19	–	–	–	–	...
Heat treaters, annealers, and temperers	98	–	–	–	23	–	18	–	19	16	22	–	–	–	–	...
Job and die setters, metal	66	–	–	–	–	9	36	21	–	–	–	–	–	–	16	35.9
Machinists	1 424	–	82	281	209	104	195	156	226	118	37	–	–	–	–	–
Machinist apprentices	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	...
Millwrights	47	–	–	–	–	–	–	47	–	–	–	–	–	–	–	...
Molders, metal	700	–	21	162	112	133	31	100	103	19	19	–	–	–	–	32.1
Molder apprentices	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pattern and model makers, except paper	113	–	–	49	20	–	–	28	16	–	–	–	–	–	–	...
Rollers and finishers, metal	94	–	–	–	20	13	–	–	–	61	–	–	–	–	–	...
Sheetmetal workers and tinsmiths	304	–	–	74	86	48	24	–	–	47	–	–	–	–	25	...
Sheetmetal apprentices	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shipfitters	54	–	15	–	–	–	19	20	–	–	–	–	–	–	–	...
Tool and die makers	259	–	36	–	–	42	44	46	23	–	–	21	–	–	47	...
Tool and die maker apprentices	21	–	21	–	–	–	–	–	–	–	–	–	–	–	–	...
Millers, grain, flour, and feed	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Motion picture projectionists	21	–	–	21	–	–	–	–	–	–	–	–	–	–	–	...
Opticians, and lens grinders and polishers	521	–	58	87	111	137	23	18	26	–	17	21	–	23	–	30.2
Piano and organ tuners and repairmen	56	–	–	–	–	–	–	–	56	–	–	–	–	–	–	...
Power station operators	20	–	–	–	20	–	–	–	–	–	–	–	–	–	–	...
Printing craftsmen	4 995	–	165	982	942	718	457	588	361	534	129	47	38	21	13	32.8
Bookbinders	2 090	–	42	326	386	286	268	330	78	326	21	27	–	–	–	35.1
Compositors and typesetters	1 326	–	36	376	189	256	66	105	91	106	42	–	38	21	–	31.2
Printing trades apprentices, except pressmen	40	–	–	20	–	–	–	–	20	–	–	–	–	–	–	...
Electrotypers and stereotypers	23	–	–	–	–	23	–	–	–	–	–	–	–	–	–	...
Photoengravers and lithographers	353	–	23	45	64	72	20	–	62	47	–	20	–	–	–	...
Pressmen and plate printers, printing	1 203	–	64	235	303	81	103	153	130	55	66	–	–	–	13	30.0
Pressman apprentices	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shoe repairmen	271	–	–	123	43	–	48	37	20	–	–	–	–	–	–	...
Sign painters and letterers	86	–	–	53	–	–	16	17	–	–	–	–	–	–	–	...
Stationary engineers	386	41	35	46	47	19	36	41	61	19	41	–	–	–	–	...
Stone cutters and stone carvers	44	–	–	–	22	–	–	–	–	22	–	–	–	–	–	...
Tailors	2 372	21	55	183	282	175	293	349	255	389	155	56	58	78	23	42.5
Telephone installers and repairmen	703	–	–	215	137	94	53	90	41	31	24	–	–	–	18	30.0
Telephone linemen and splicers	109	–	–	–	21	–	–	–	55	33	–	–	–	–	–	...
Upholsterers	1 178	–	86	249	199	204	129	199	36	76	–	–	–	–	–	31.3
Craftsmen and kindred workers, n.e.c	455	–	–	201	39	–	40	50	105	–	–	20	–	–	–	28.4
Former members of the Armed Forces	41	–	–	–	–	–	20	21	–	–	–	–	–	–	–	...
Craftsmen and kindred workers—allocated	4 716	17	219	554	730	554	486	542	391	453	326	175	202	67	–	37.9
Operatives, except transport	**534 154**	**4 210**	**20 594**	**83 823**	**82 445**	**71 830**	**65 120**	**63 479**	**51 804**	**40 729**	**26 174**	**10 494**	**5 142**	**4 875**	**3 435**	**35.3**
Asbestos and insulation workers	41	–	–	23	–	18	–	–	–	–	–	–	–	–	–	...
Assemblers	51 273	211	2 101	11 049	10 000	8 147	6 651	5 053	3 826	2 528	1 149	223	98	63	174	31.4
Blasters and powdermen	22	–	–	–	–	22	–	–	–	–	–	–	–	–	–	...
Bottling and canning operatives	1 864	–	76	337	288	193	221	133	149	280	83	83	21	–	–	35.9
Chainmen, rodmen, and axmen, surveying	25	–	–	–	25	–	–	–	–	–	–	–	–	–	–	...
Checkers, examiners, and inspectors; manufacturing	29 004	74	986	5 580	5 107	4 269	3 291	3 387	2 587	1 713	1 287	423	167	18	115	33.2
Clothing ironers and pressers	56 042	278	917	4 251	5 524	5 942	7 350	9 252	6 984	6 919	4 520	1 993	822	852	438	42.0
Cutting operatives, n.e.c	5 048	8	196	748	763	813	697	552	496	394	195	20	61	57	48	35.0
Dressmakers and seamstresses, except factory	8 300	44	167	438	948	586	664	911	1 255	1 062	939	333	405	347	201	46.6
Drillers, earth	369	–	–	28	74	44	31	16	72	57	30	17	–	–	–	...
Dry wall installers and lathers	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dyers	349	–	–	101	53	43	57	17	14	24	25	15	–	–	–	...
Garage workers and gas station attendants	735	69	70	142	29	94	41	62	47	32	61	22	24	21	21	33.1

Table 41. **Age of Employed Negroes by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Female employed—Con.																
Operatives, except transport—Continued																
Graders and sorters, manufacturing	3 356	40	189	348	311	689	468	333	252	410	217	68	15	16	–	36.1
Produce graders and packers, except factory and farm	1 389	–	–	171	285	142	146	126	206	188	81	27	–	17	–	38.3
Laundry and drycleaning operatives, n.e.c	29 360	538	657	2 730	2 870	3 807	3 100	4 142	3 591	3 600	2 542	677	484	375	247	41.2
Meat cutters and butchers, except manufacturing	1 818	58	92	205	142	366	116	181	173	244	63	130	–	10	38	37.0
Meat cutters and butchers, manufacturing	4 017	73	171	651	633	462	574	522	412	266	145	47	–	40	21	35.2
Meat wrappers, retail trade	1 806	71	104	238	311	393	183	343	145	18	–	–	–	–	–	32.3
Metalworking operatives, except precision machine	16 450	25	451	2 199	2 925	2 676	2 422	2 123	1 835	1 075	406	76	61	111	65	34.9
Filers, polishers, sanders, and buffers	3 208	–	82	568	469	484	503	356	349	296	53	19	–	16	13	35.0
Furnacemen, smeltermen, and pourers	377	–	24	24	101	10	20	40	39	55	64	–	–	–	–	...
Heaters, metal	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Metal platers	231	–	–	47	16	111	–	57	–	–	–	–	–	–	–	...
Punch and stamping press operatives	4 891	25	119	506	891	793	727	510	768	290	169	57	19	17	–	35.8
Riveters and fasteners	840	–	–	113	200	51	79	135	214	19	29	–	–	–	–	38.5
Solderers	3 246	–	118	437	452	623	566	557	186	216	25	–	–	66	–	34.9
Welders and flame-cutters	3 657	–	108	504	796	604	527	468	279	199	66	–	42	12	52	33.5
Milliners	163	–	–	–	–	–	23	20	21	34	42	23	–	–	–	...
Mine operatives, n.e.c	495	–	49	47	62	71	19	56	87	25	–	22	57	–	–	39.9
Coal mining	75	–	–	28	–	–	–	–	22	25	–	–	–	–	–	...
Crude petroleum and natural gas extractions	403	–	49	19	45	71	19	56	65	–	–	–	22	57	–	39.6
Mining and quarrying, except fuel	17	–	–	–	17	–	–	–	–	–	–	–	–	–	–	...
Mixing operatives	595	15	15	64	140	79	81	66	82	–	39	–	–	14	–	34.0
Oilers and greasers, except auto	213	–	19	24	14	82	–	53	–	–	–	–	–	–	21	...
Packers and wrappers, except meat and produce	38 612	372	1 705	6 154	6 172	5 869	4 799	4 584	3 702	2 708	1 380	527	325	133	182	34.2
Painters, manufactured articles	2 421	48	66	486	461	354	225	288	188	232	52	–	21	–	–	32.1
Photographic process workers	2 160	42	93	372	418	184	380	218	267	68	53	65	–	–	–	34.2
Precision machine operatives	2 847	21	85	536	313	545	436	337	249	241	84	–	–	–	–	34.3
Drill press operatives	1 007	21	38	183	166	179	60	101	76	159	24	–	–	–	–	32.7
Grinding machine operatives	638	–	–	167	88	84	79	91	69	42	18	–	–	–	–	33.8
Lathe and mixing machine operatives	477	–	22	76	35	84	144	38	38	40	–	–	–	–	–	35.7
Precision machine operatives, n.e.c	725	–	25	110	24	198	153	107	66	–	42	–	–	–	–	35.2
Sailors and deckhands	95	–	–	9	–	24	–	–	46	–	–	–	16	–	–	...
Sawyers	915	15	70	90	207	121	140	118	43	68	43	–	–	–	–	33.1
Sewers and stitchers	77 604	447	3 366	13 988	12 739	9 692	8 498	9 085	7 433	5 480	3 743	1 516	506	869	242	34.3
Shoemaking machine operatives	1 754	–	131	383	245	170	239	192	229	101	41	–	–	23	–	33.5
Stationary firemen	1 044	–	56	227	265	62	44	143	60	115	21	27	–	24	–	29.5
Textile operatives	29 154	287	2 148	7 642	6 014	3 919	3 659	2 672	1 165	995	351	90	87	77	48	28.7
Carding, lapping, and combing operatives	799	18	17	125	150	92	62	219	58	14	16	28	–	–	–	34.9
Knitters, loopers, and toppers	1 761	21	44	467	380	134	222	271	130	39	31	22	–	–	–	29.6
Spinners, twisters, and winders	11 581	125	855	3 104	2 388	1 494	1 518	1 001	516	357	159	20	44	–	–	28.6
Weavers	2 170	18	114	608	476	389	224	242	21	33	–	–	–	20	25	28.6
Textile operatives, n.e.c	12 843	105	1 118	3 338	2 620	1 810	1 633	939	440	552	145	20	43	57	23	28.6
Winding operatives, n.e.c	2 634	18	169	431	409	313	349	414	290	126	75	40	–	–	–	34.6
Miscellaneous and not specified operatives	100 374	581	3 939	15 448	16 026	13 819	13 148	12 188	9 835	6 910	4 733	1 886	763	749	349	35.1
Occupation:																
Machine operatives, miscellaneous specified	35 444	218	1 056	5 495	5 788	5 296	4 414	4 406	3 644	2 338	1 803	455	223	226	82	34.9
Machine operatives, not specified	23 818	36	1 135	3 866	4 551	3 221	3 209	2 393	2 272	1 596	873	375	172	74	45	33.6
Miscellaneous operatives	30 370	235	1 096	4 286	4 513	4 031	4 074	3 807	2 792	2 323	1 496	903	226	415	173	36.3
Not specified operatives	10 742	92	652	1 801	1 174	1 271	1 451	1 582	1 127	653	561	153	142	34	49	36.3

Table 41. **Age of Employed Negroes by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Female employed—Con.																
Operatives, except transport—Continued																
Miscellaneous and not specified operatives—Continued																
Industry:																
Manufacturing	84 162	369	3 278	13 648	14 255	12 003	11 188	10 076	7 881	5 391	3 463	1 368	591	400	251	34.4
Durable goods	39 274	86	1 508	6 753	7 424	5 853	5 421	4 481	3 556	2 276	1 057	415	160	153	131	33.3
Lumber and wood products, except furniture	2 469	9	54	204	489	400	254	314	223	226	178	87	–	18	13	36.5
Furniture and fixtures	2 596	–	126	421	498	492	300	220	248	205	50	–	–	16	20	32.6
Stone, clay, and glass products	1 610	–	72	369	298	221	222	193	128	41	14	32	20	–	–	31.5
Glass and glass products	793	–	47	172	218	70	100	82	43	41	–	–	20	–	–	29.1
Cement, concrete, gypsum, and plaster products	152	–	–	48	–	37	45	22	–	–	–	–	–	–	–	...
Other stone, clay, and glass products	665	–	25	149	80	114	77	89	85	–	14	32	–	–	–	33.4
Primary metal industries	1 444	–	–	176	323	202	190	147	267	93	46	–	–	–	–	35.6
Blast furnaces, steelworks, and rolling and finishing mills	465	–	–	66	144	71	–	28	68	42	46	–	–	–	–	31.6
Other primary iron and steel industries	431	–	–	51	39	18	89	86	132	16	–	–	–	–	–	41.1
Primary nonferrous industries	548	–	–	59	140	113	101	33	67	35	–	–	–	–	–	33.3
Fabricated metal industries, including not specified metal	3 475	21	176	417	427	380	560	525	372	303	112	60	79	21	22	37.8
Cutlery, hand tools, and other hardware	623	–	33	36	124	65	40	68	118	101	17	–	21	–	–	41.0
Fabricated structural metal products	294	–	20	87	47	59	25	40	–	16	–	–	–	–	–	...
Screw machine products, & metal stamping	805	21	44	73	142	87	150	96	47	102	–	22	–	21	–	36.2
Miscellaneous fabricated metal products and not specified metal	1 753	–	79	221	114	169	345	321	207	84	95	38	58	–	22	39.3
Machinery, except electrical	2 148	–	42	431	333	360	327	266	261	63	43	22	–	–	–	33.7
Farm machinery and equipment	76	–	–	–	–	–	12	42	–	–	–	22	–	–	–	...
Construction & material handling machines	110	–	–	–	11	–	–	32	–	45	22	–	–	–	–	...
Metalworking machinery	420	–	–	97	65	110	98	26	24	–	–	–	–	–	–	32.2
Office and accounting machines, and electronic computing equipment	521	–	17	142	126	90	62	44	40	–	–	–	–	–	–	29.0
Other machinery, except electrical	1 021	–	25	192	131	160	155	122	197	18	21	–	–	–	–	35.1
Electrical machinery, equipment, and supplies	13 365	21	637	2 862	3 003	2 032	1 932	1 298	827	453	219	23	–	20	38	30.4
Household appliances	901	21	16	281	187	105	145	48	80	18	–	–	–	–	–	28.5
Radio, T.V., and communication equipment	4 771	–	266	1 097	1 207	698	652	383	212	131	102	23	–	–	–	29.2
Electrical machinery, equipment, and supplies, n.e.c.	6 827	–	296	1 217	1 507	1 171	1 002	725	430	304	117	–	–	20	38	31.7
Not specified electrical machinery, equipment, and supplies	866	–	59	267	102	58	133	142	105	–	–	–	–	–	–	30.4
Transportation equipment	2 921	–	92	376	482	323	417	353	331	284	152	24	61	11	15	37.2
Motor vehicles & motor vehicle equipment	1 694	–	64	244	283	179	207	171	203	190	95	24	23	11	–	36.9
Aircraft and parts	921	–	–	95	153	81	172	142	90	94	57	–	22	–	15	38.8
Other transportation equipment	306	–	28	37	46	63	38	40	38	–	–	–	16	–	–	...
Professional and photographic equipment, and watches	1 650	–	36	359	369	240	224	268	78	11	16	49	–	–	–	31.3
Professional equipment and supplies	937	–	36	158	200	110	90	268	10	–	16	49	–	–	–	33.4
Ordnance	1 147	–	–	187	247	120	194	81	150	88	36	21	–	–	23	35.5
Miscellaneous manufacturing industries	6 322	35	232	951	955	1 026	801	816	671	480	191	97	–	67	–	34.8
Durable goods—allocated	127	–	41	–	–	57	–	–	–	29	–	–	–	–	–	...
Nondurable goods	43 705	283	1 725	6 686	6 680	5 947	5 685	5 348	4 217	3 050	2 368	934	415	247	120	35.5
Food and kindred products	13 803	169	520	1 695	1 969	1 838	1 607	1 868	1 443	1 294	849	245	112	152	42	37.2
Meat products	5 413	92	214	775	1 004	725	680	926	314	470	173	–	18	–	22	34.3
Dairy products	215	–	–	–	43	–	84	45	–	21	–	–	22	–	–	...
Canning and preserving fruits, vegetables, and seafoods	5 181	77	89	402	432	726	550	606	755	550	564	225	72	113	20	42.6
Bakery products	929	–	42	133	178	135	87	57	164	94	20	–	–	19	–	34.1
Beverage industries	171	–	49	–	24	16	40	–	22	–	20	–	–	–	–	...
Other food and kindred products	1 894	–	126	385	288	236	166	234	188	159	72	20	–	20	–	33.1

Table 41. **Age of Employed Negroes by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Female employed—Con.																
Operatives, except transport—Continued																
Miscellaneous and not specified operatives—Continued																
Industry—Continued																
Manufacturing—Continued																
Nondurable goods—Continued																
Tobacco manufactures	1 711	–	84	244	142	58	172	331	194	144	281	43	18	–	–	42.3
Apparel and other fabricated textile products	9 668	56	440	1 476	1 294	1 364	1 404	1 123	861	679	517	337	63	40	14	35.7
Apparel and accessories	7 734	36	367	1 157	1 097	1 063	1 290	894	676	482	359	218	63	18	14	35.6
Miscellaneous fabricated textile products	1 934	20	73	319	197	301	114	229	185	197	158	119	–	22	–	37.5
Paper and allied products	4 084	–	72	773	601	762	547	501	277	232	135	83	46	55	–	33.9
Pulp, paper, and paperboard mills	561	–	–	186	111	93	45	63	40	13	–	10	–	–	–	29.3
Miscellaneous paper and pulp products	1 375	–	17	255	83	325	200	182	132	52	64	19	46	–	–	35.2
Paperboard containers and boxes	2 148	–	55	332	407	344	302	256	105	167	71	54	–	55	–	34.1
Printing, publishing, and allied industries	2 838	–	77	650	322	316	398	349	240	243	159	–	69	–	15	35.7
Printing, publishing, and allied industries, except newspapers	2 800	–	77	629	322	299	398	349	240	243	159	–	69	–	15	35.9
Chemicals and allied products	3 504	–	191	577	768	485	502	340	307	127	82	42	63	–	20	32.2
Industrial chemicals	349	–	38	43	38	106	31	16	21	15	18	23	–	–	–	...
Synthetic fibers	334	–	22	107	73	45	70	–	17	–	–	–	–	–	–	...
Soaps and cosmetics	898	–	37	131	183	82	85	71	149	49	48	–	63	–	–	35.9
Other chemicals and allied products	1 923	–	94	296	474	252	316	253	120	63	16	19	–	–	20	31.9
Petroleum and coal products	99	–	11	25	40	–	–	–	–	–	–	23	–	–	–	...
Rubber and miscellaneous plastic products	5 744	58	185	915	1 056	743	847	617	650	311	235	83	44	–	–	34.4
Rubber products	1 743	42	69	284	296	277	231	176	222	82	64	–	–	–	–	33.3
Miscellaneous plastic products	4 001	16	116	631	760	466	616	441	428	229	171	83	44	–	–	35.1
Leather and leather products	2 035	–	106	318	451	323	192	219	209	20	90	78	–	–	29	32.2
Tanned, curried, and finished leather	228	–	–	–	21	79	48	–	57	–	23	–	–	–	–	...
Footwear, except rubber	515	–	46	107	172	50	84	–	56	–	–	–	–	–	–	28.0
Leather products, except footwear	1 292	–	60	211	258	194	60	219	96	20	67	78	–	–	29	33.0
Nondurable goods—allocated	219	–	39	13	37	58	16	–	36	–	20	–	–	–	–	...
Not specified manufacturing industries	1 183	–	45	209	151	203	82	247	108	65	38	19	16	–	–	34.6
Nonmanufacturing industries	16 212	212	661	1 800	1 771	1 816	1 960	2 112	1 954	1 519	1 270	518	172	349	98	39.7
Construction	75	–	–	–	–	52	23	–	–	–	–	–	–	–	–	...
Railroads and railway express service	37	–	–	–	–	18	19	–	–	–	–	–	–	–	–	...
Transportation, except railroads	272	–	–	–	34	55	–	89	15	37	20	22	–	–	–	...
Communications, and utilities and sanitary services	198	20	36	–	–	45	–	40	36	–	–	21	–	–	–	...
Wholesale trade	5 587	16	162	595	665	698	606	998	625	495	315	202	108	67	35	40.3
Retail trade	2 809	15	152	531	286	277	437	250	272	133	236	55	–	137	28	36.6
Business and repair services	687	20	87	–	113	87	121	101	46	70	22	–	–	20	–	36.5
Public administration	1 144	52	48	132	129	83	158	36	213	98	139	56	–	–	–	39.1
All other industries[1]	5 403	89	176	542	544	501	596	598	747	686	538	162	64	125	35	42.1
Operatives, except transport—allocated	61 806	875	2 506	8 683	8 672	7 820	7 068	5 892	6 063	4 816	3 774	2 144	1 209	1 059	1 225	36.7
Transport equipment operatives	**12 937**	**137**	**366**	**1 400**	**1 683**	**1 358**	**1 487**	**1 777**	**1 572**	**1 265**	**909**	**455**	**166**	**140**	**222**	**40.1**
Boatmen and canalmen	38	–	–	–	–	–	–	38	–	–	–	–	–	–	–	...
Bus drivers	3 890	120	122	195	427	496	589	561	437	405	237	151	20	82	48	40.0
Conductors and motormen, urban rail transit	104	–	–	–	40	20	–	–	22	–	–	22	–	–	–	...
Deliverymen and routemen	1 536	17	86	227	210	196	191	215	120	143	89	13	–	–	29	35.8
Fork lift and tow motor operatives	606	–	31	56	38	97	50	133	–	74	17	39	38	–	33	41.2
Motormen; mine, factory, logging camp, etc	49	–	–	–	19	–	–	–	–	30	–	–	–	–	–	...
Parking attendants	135	–	–	25	45	20	–	–	–	20	25	–	–	–	–	...
Railroad brakemen	157	–	–	25	16	–	35	–	29	22	30	–	–	–	–	...
Railroad switchmen	90	–	–	24	21	–	22	–	23	–	–	–	–	–	–	...
Taxicab drivers and chauffeurs	1 886	–	9	240	208	190	96	285	333	219	95	124	45	–	42	43.5
Truck drivers	3 308	–	80	443	422	280	333	414	496	279	344	72	42	58	45	41.2
Trucking service	804	–	40	111	131	122	55	94	104	56	59	–	–	32	–	34.9
Transport equipment operatives—allocated	1 138	–	38	165	237	59	171	131	112	73	72	34	21	–	25	37.0

[1]Includes transportation, communications, and other public utilities—allocated.

Table 41. **Age of Employed Negroes by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Female employed — Con.																
Laborers, except farm	**48 372**	**1 478**	**2 503**	**7 618**	**5 519**	**5 664**	**6 094**	**4 987**	**4 653**	**3 802**	**2 855**	**1 030**	**715**	**735**	**719**	**36.2**
Animal caretakers, except farm	559	–	–	103	51	76	159	38	66	21	45	–	–	–	–	36.6
Carpenters' helpers	186	–	–	29	42	63	–	26	16	–	–	–	–	–	10	...
Construction laborers, except carpenters' helpers	2 513	22	214	427	160	167	243	308	276	262	142	79	75	55	83	40.4
Fishermen and oystermen	101	–	30	–	–	20	–	–	–	28	–	–	–	23	–	...
Freight and material handlers	8 029	202	384	1 612	1 197	1 147	1 010	808	691	491	264	34	44	90	55	32.7
Garbage collectors	284	–	24	20	23	15	19	19	51	15	82	–	16	–	–	...
Gardeners and groundskeepers, except farm	1 797	–	111	141	81	186	177	202	193	186	114	107	21	195	83	45.0
Longshoremen and stevedores	278	–	–	41	41	53	35	–	41	–	44	–	–	–	23	...
Lumbermen, raftsmen, and woodchoppers	439	14	55	18	20	43	50	19	31	80	34	–	–	–	75	45.1
Stock handlers	12 121	540	818	2 089	1 533	1 479	1 743	1 126	1 182	801	418	189	67	56	80	33.7
Teamsters	21	–	–	–	–	–	–	–	21	–	–	–	–	–	–	...
Vehicle washers and equipment cleaners	3 468	172	118	623	376	483	314	346	227	300	223	95	73	82	36	34.6
Warehousemen, n.e.c	516	–	–	135	67	91	114	20	51	–	–	20	18	–	–	33.1
Miscellaneous and not specified laborers	12 481	263	558	1 665	1 272	1 223	1 534	1 570	1 183	1 263	1 083	315	306	87	159	39.1
Occupation:																
Miscellaneous laborers	2 805	67	234	439	240	183	437	390	236	219	180	87	61	14	18	37.7
Not specified laborers	9 676	196	324	1 226	1 032	1 040	1 097	1 180	947	1 044	903	228	245	73	141	39.6
Industry:																
Manufacturing	6 431	86	387	954	724	668	932	990	562	564	425	95	20	–	24	37.1
Durable goods	3 151	36	173	406	351	371	545	468	264	321	118	74	–	–	24	37.2
Lumber and wood products, except furniture	528	–	50	28	72	53	25	116	54	106	–	–	–	–	24	41.6
Furniture and fixtures	300	–	16	69	28	–	84	45	42	16	–	–	–	–	–	...
Stone, clay, and glass products	181	–	–	54	31	–	46	–	–	50	–	–	–	–	–	...
Cement, concrete, gypsum, and plaster products	15	–	–	–	–	–	–	–	–	15	–	–	–	–	–	...
Structural clay products	69	–	–	14	–	–	20	–	–	35	–	–	–	–	–	...
Other stone, clay, and glass products	97	–	–	40	31	–	26	–	–	–	–	–	–	–	–	...
Primary metal industries	450	17	17	25	35	62	64	–	35	72	61	62	–	–	–	45.7
Blast furnaces, steel works, and rolling and finishing mills	275	–	17	25	16	18	64	–	22	37	39	37	–	–	–	...
Other primary iron and steel industries	77	17	–	–	–	–	–	–	–	35	–	25	–	–	–	...
Primary nonferrous industries	98	–	–	–	19	44	–	–	13	–	22	–	–	–	–	...
Fabricated metal industries, including not specified metal	274	–	–	40	60	–	49	40	68	–	17	–	–	–	–	...
Fabricated structural metal products	91	–	–	–	60	–	14	–	–	–	17	–	–	–	–	...
Machinery, except electrical	148	–	–	26	–	19	64	25	–	14	–	–	–	–	–	...
Electrical machinery, equipment, and supplies	394	–	77	59	61	82	40	51	–	–	24	–	–	–	–	...
Transportation equipment	310	19	–	17	18	74	45	69	19	21	16	12	–	–	–	...
Motor vehicles & motor vehicle equipment	193	–	–	17	–	74	22	47	–	21	–	12	–	–	–	...
Ship and boat building and repairing	37	19	–	–	18	–	–	–	–	–	–	–	–	–	–	...
Other transportation equipment	80	–	–	–	–	–	23	22	19	–	16	–	–	–	–	...
Professional and photographic equipment, and watches	39	–	–	–	–	19	20	–	–	–	–	–	–	–	–	...
Ordnance	267	–	–	36	26	24	36	76	27	42	–	–	–	–	–	...
Miscellaneous manufacturing industries	225	–	13	52	20	38	56	46	–	–	–	–	–	–	–	...
Manufacturing, durable goods – allocated	35	–	–	–	–	–	16	–	19	–	–	–	–	–	–	...
Nondurable goods	3 139	50	214	466	353	297	366	504	298	243	307	21	20	–	–	37.6
Food and kindred products	1 198	18	89	219	53	79	242	146	121	75	144	12	–	–	–	37.9
Meat products	499	18	24	151	53	14	114	36	17	34	38	–	–	–	–	31.3
Dairy products	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Canning and preserving fruits, vegetables, and seafoods	406	–	30	48	–	15	54	88	69	41	61	–	–	–	–	43.2
Grain-mill products	20	–	20	–	–	–	–	–	–	–	–	–	–	–	–	...
Beverage industries	85	–	–	20	–	28	37	–	–	–	–	–	–	–	–	...
Other food and kindred products	188	–	15	–	–	22	37	22	35	–	45	12	–	–	–	...

Table 41. **Age of Employed Negroes by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Female employed—Con.																
Laborers, except farm—Continued																
Miscellaneous and not specified laborers—Continued																
Industry—Continued																
Manufacturing—Continued																
Nondurable goods—Continued																
Tobacco manufactures	183	–	–	–	43	24	–	–	26	48	22	–	20	–	–	...
Textile mill products	472	32	82	83	51	64	–	101	20	17	22	–	–	–	–	28.8
Yarn, thread, and fabric mills	370	32	56	57	51	52	–	85	20	17	–	–	–	–	–	...
Other textile mill products	102	–	26	26	–	12	–	16	–	–	22	–	–	–	–	...
Apparel and other fabricated textile products	381	–	24	26	70	19	48	74	14	64	42	–	–	–	–	...
Paper and allied products	191	–	–	28	25	61	–	45	–	–	32	–	–	–	–	...
Pulp, paper, and paperboard mills	101	–	–	28	25	–	–	16	–	–	32	–	–	–	–	...
Other paper and allied products	90	–	–	–	–	61	–	29	–	–	–	–	–	–	–	...
Printing, publishing, and allied industries	90	–	–	–	23	–	21	46	–	–	–	–	–	–	–	...
Chemicals and allied products	266	–	–	98	26	–	22	63	39	18	–	–	–	–	–	...
Petroleum and coal products	12	–	–	12	–	–	–	–	–	–	–	–	–	–	–	...
Rubber and miscellaneous plastic products	205	–	–	–	62	50	33	10	41	–	–	9	–	–	–	...
Leather and leather products	99	–	19	–	–	–	–	19	16	21	24	–	–	–	–	...
Nondurable goods—allocated	42	–	–	–	–	–	–	–	21	–	21	–	–	–	–	...
Not specified manufacturing industries	141	–	–	82	20	–	21	18	–	–	–	–	–	–	–	...
Nonmanufacturing industries	6 050	177	171	711	548	555	602	580	621	699	658	220	286	87	135	42.3
Railroads and railway express service	209	–	–	27	–	–	–	47	14	42	42	17	–	–	20	...
Transportation, except railroads	201	–	–	–	32	19	20	40	–	23	46	21	–	–	–	...
Comm., and utilities and sanitary services	265	32	23	25	–	17	19	20	52	21	18	16	22	–	–	...
Transportation, communications, and other public utilities—allocated	25	–	–	–	25	–	–	–	–	–	–	–	–	–	–	...
Wholesale trade	852	41	22	99	150	36	92	80	76	140	116	–	–	–	–	39.2
Retail trade	990	25	65	145	113	60	89	46	117	62	107	57	42	31	31	39.9
Business and repair services	496	–	–	82	22	18	95	22	47	76	13	40	68	13	–	46.0
Personal services	955	14	20	47	61	83	66	110	89	163	81	22	114	19	66	49.3
Private households	587	14	–	28	19	20	–	57	89	120	56	22	77	19	66	52.8
Public administration	376	50	–	65	31	29	–	15	59	39	38	32	18	–	–	...
All other industries	1 681	15	41	221	114	293	221	200	167	133	197	15	22	24	18	38.5
Laborers, except farm—allocated	5 579	265	191	715	656	618	696	505	624	355	406	191	95	147	115	37.5
Farmers and farm managers	**5 073**	**53**	**59**	**610**	**401**	**221**	**516**	**595**	**621**	**602**	**661**	**296**	**167**	**165**	**106**	**45.7**
Farmers, owners and tenants	2 112	53	15	100	83	87	92	201	347	311	287	213	76	141	106	51.3
Farm managers	117	–	–	15	13	13	19	20	16	–	–	–	21	–	–	...
Farmers and farm managers—allocated	2 844	–	44	495	305	121	405	374	258	291	374	83	70	24	–	40.7
Farm laborers and farm foremen	**37 199**	**1 118**	**1 529**	**4 168**	**4 476**	**4 240**	**4 190**	**4 085**	**3 633**	**3 656**	**2 709**	**1 528**	**473**	**776**	**618**	**38.7**
Farm foremen	348	18	18	–	17	59	36	55	59	23	26	18	–	–	19	...
Farm laborers, wage workers	27 563	961	1 199	2 797	3 259	3 420	2 976	3 024	2 823	2 785	2 011	964	334	580	430	38.6
Farm laborers, unpaid family workers	1 288	80	74	143	124	–	134	137	235	122	93	124	22	–	–	43.2
Farm service laborers, self-employed	85	–	–	18	–	–	21	–	–	24	–	22	–	–	–	...
Farm laborers and farm foremen—allocated	7 915	59	238	1 210	1 076	761	1 023	869	516	702	579	400	117	196	169	38.0
Service workers, except private household	**850 455**	**15 491**	**27 390**	**90 577**	**91 262**	**98 173**	**104 332**	**110 196**	**100 667**	**84 759**	**66 704**	**28 271**	**10 837**	**13 800**	**7 996**	**39.9**
Cleaning service workers	206 157	2 524	3 618	12 294	15 192	19 683	22 956	28 737	28 275	26 920	24 084	10 353	4 098	4 840	2 583	44.7
Chambermaids and maids, except private household	75 100	814	1 637	6 103	6 865	7 677	8 802	10 489	9 131	8 736	7 977	3 131	1 341	1 491	906	42.7
Cleaners and charwomen	91 887	862	1 140	4 561	6 204	8 699	10 258	12 682	13 446	12 586	10 953	5 152	1 845	2 449	1 050	45.6
Janitors and sextons	39 170	848	841	1 630	2 123	3 307	3 896	5 566	5 698	5 598	5 154	2 070	912	900	627	46.2
Food service workers	229 123	6 636	10 515	23 983	22 781	25 116	29 316	28 594	28 380	22 785	17 632	6 472	2 608	3 172	1 133	39.4
Bartenders	1 339	–	22	201	121	279	181	171	147	51	39	54	28	26	19	36.3
Busboys	3 210	493	372	738	402	345	209	199	155	94	69	21	–	91	22	25.0
Cooks, except private household	110 477	913	1 883	7 154	8 497	11 516	15 023	15 711	16 547	14 198	10 715	4 268	1 642	1 679	731	43.3
Dishwashers	12 120	662	898	1 531	1 112	1 004	1 305	1 249	1 274	1 059	1 000	519	153	301	53	38.3
Food counter and fountain workers	11 146	526	1 058	1 591	1 064	1 057	1 515	1 245	1 037	797	752	212	121	133	38	35.9

Table 41. Age of Employed Negroes by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Female employed—Con.																
Service workers, except private household—Con.																
Food service workers—Continued																
Waiters	46 056	2 519	4 208	8 179	6 571	5 716	5 405	4 268	3 832	2 181	1 818	503	276	452	128	31.4
Food service workers, n.e.c., except private household	44 775	1 523	2 074	4 589	5 014	5 199	5 678	5 751	5 388	4 405	3 239	895	388	490	142	38.5
Health service workers	225 918	2 556	6 537	33 113	32 785	32 161	30 973	28 753	23 229	16 737	11 204	3 995	1 276	1 839	760	35.9
Dental assistants	2 999	40	163	702	469	388	334	390	227	79	90	97	–	20	–	31.6
Health aides, except nursing	19 444	787	966	3 394	2 709	2 132	1 895	2 525	1 765	1 531	1 183	288	95	76	98	34.4
Health trainees	1 207	21	214	695	113	62	55	22	25	–	–	–	–	–	–	22.7
Lay midwives	303	–	–	–	128	17	–	34	30	–	55	23	16	–	–	...
Nursing aides, orderlies, and attendants	152 902	1 636	4 865	22 844	22 294	22 181	20 586	19 092	15 836	11 392	6 927	2 772	831	1 243	403	35.6
Practical nurses	49 063	72	329	5 478	7 072	7 381	8 103	6 690	5 346	3 735	2 949	815	334	500	259	37.6
Personal service workers	82 559	1 662	1 967	6 949	7 047	8 394	9 614	11 875	10 758	9 183	7 158	3 266	1 276	2 346	1 064	42.4
Airline stewardesses	850	–	16	508	151	23	40	36	21	32	–	23	–	–	–	24.0
Attendants, recreation and amusement	1 456	388	273	192	54	13	58	123	78	121	81	19	–	–	56	21.7
Attendants, personal service, n.e.c	5 940	85	166	576	516	287	544	782	548	908	765	382	74	229	78	45.1
Baggage porters and bellhops	132	–	–	–	52	45	–	–	–	16	–	–	–	19	–	...
Barbers	2 086	–	–	163	182	200	407	417	361	90	109	96	–	61	–	41.1
Boarding and lodging house keepers	500	–	–	–	49	–	50	103	16	77	63	65	–	46	31	52.1
Bootblacks	50	33	–	–	–	17	–	–	–	–	–	–	–	–	–	...
Child care workers, except private household	17 687	858	812	1 936	1 546	2 018	1 979	1 867	1 750	1 443	1 367	583	379	858	291	39.2
Elevator operators	4 263	26	99	379	259	304	394	609	669	640	425	194	76	99	90	45.5
Hairdressers and cosmetologists	33 424	172	287	2 250	2 941	3 524	4 192	5 320	5 241	3 952	2 800	1 170	593	639	343	43.1
Personal service apprentices	46	–	–	27	–	–	19	–	–	–	–	–	–	–	–	...
Housekeepers, except private household	9 578	20	136	575	661	971	974	1 549	1 237	1 269	1 093	551	154	249	139	44.7
School monitors	1 861	24	107	124	139	202	238	305	379	153	86	53	–	32	19	41.6
Ushers, recreation and amusement	144	35	–	20	–	13	15	26	15	–	20	–	–	–	–	...
Welfare service aides	4 588	21	71	226	497	777	723	738	443	482	349	130	–	114	17	39.9
Protective service workers	7 869	22	135	535	895	1 183	1 216	1 502	940	632	448	152	46	64	99	39.8
Crossing guards and bridge tenders	3 437	–	28	97	299	537	651	723	425	303	188	71	24	42	49	40.7
Firemen, fire protection	70	–	–	20	11	21	–	18	–	–	–	–	–	–	–	...
Guards and watchmen	2 467	–	60	189	339	240	319	472	353	236	144	21	22	22	50	40.9
Marshals and constables	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Policemen and detectives	1 740	–	47	171	246	353	227	289	162	69	116	60	–	–	–	36.2
Public	1 388	–	17	171	220	270	140	201	124	69	116	60	–	–	–	35.6
Private	352	–	30	–	26	83	87	88	38	–	–	–	–	–	–	...
Sheriffs and bailiffs	155	22	–	58	–	32	19	–	–	24	–	–	–	–	–	...
Service workers, except private household—allocated	98 829	2 091	4 618	13 703	12 562	11 636	10 257	10 735	9 085	8 502	6 178	4 033	1 533	1 539	2 357	37.3
Private household workers	**595 938**	**3 933**	**5 953**	**26 522**	**32 489**	**42 127**	**52 383**	**68 518**	**76 894**	**83 477**	**83 376**	**41 519**	**22 340**	**34 498**	**21 909**	**49.3**
Occupation:																
Child care workers, private household	27 189	1 573	1 594	2 644	1 807	1 704	1 837	2 472	2 360	2 813	3 029	1 916	913	1 342	1 185	44.9
Cooks, private household	19 265	21	35	281	627	741	1 434	2 199	2 470	2 752	3 115	1 735	996	1 618	1 241	53.3
Housekeepers, private household	39 315	126	300	1 381	1 696	2 515	3 247	4 331	5 453	5 886	6 925	2 585	1 402	2 350	1 118	50.5
Laundresses, private household	4 063	14	48	113	105	142	197	551	254	603	624	238	380	397	397	55.0
Maids and servants, private household	423 751	1 970	3 451	13 914	19 322	27 859	37 394	50 458	57 584	63 077	62 165	30 343	15 789	26 284	14 141	50.0
Private household workers—allocated	82 355	229	525	8 189	8 932	9 166	8 274	8 507	8 773	8 346	7 518	4 702	2 860	2 507	3 827	43.4
Living arrangement:																
Living in	16 752	45	165	867	1 157	1 210	1 144	1 610	2 032	2 283	2 384	1 350	657	955	893	50.3
Housekeepers, private household	3 265	–	30	108	342	157	228	267	384	398	503	247	219	232	150	51.5
Maids and servants, private household	11 126	45	52	584	666	881	764	1 186	1 198	1 602	1 584	932	392	613	627	50.6
Living out	579 186	3 888	5 788	25 655	31 332	40 917	51 239	66 908	74 862	81 194	80 992	40 169	21 683	33 543	21 016	49.3

Table 42. **Age of Employed Persons of Spanish Origin by Detailed Occupation and Sex: 1970**

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Male employed	**1 874 396**	**50 706**	**81 757**	**246 569**	**273 182**	**254 514**	**236 572**	**221 494**	**180 720**	**124 589**	**95 328**	**43 874**	**21 626**	**28 005**	**15 460**	**35.6**
Professional, technical, and kindred workers	**140 297**	**860**	**2 467**	**17 401**	**25 058**	**23 181**	**21 737**	**17 716**	**13 293**	**7 404**	**4 823**	**2 384**	**1 263**	**1 580**	**1 130**	**35.3**
Accountants	10 343	15	–	1 290	2 278	1 695	1 578	1 428	871	491	231	129	123	96	118	34.7
Architects	858	–	–	43	97	180	224	155	119	40	–	–	–	–	–	37.4
Computer specialists	3 326	–	105	657	1 150	730	344	240	39	40	21	–	–	–	–	28.9
Computer programers	2 413	–	105	582	743	556	175	172	19	40	21	–	–	–	–	28.5
Computer systems analysts	751	–	–	54	347	174	129	27	20	–	–	–	–	–	–	29.6
Computer specialists, n.e.c	162	–	–	21	60	–	40	41	–	–	–	–	–	–	–	...
Engineers	16 790	–	36	1 220	2 963	3 052	3 065	2 330	2 076	851	613	262	100	59	163	36.8
Aeronautical and astronautical	951	–	–	66	156	190	136	170	167	44	–	–	–	–	22	37.3
Chemical	644	–	–	87	144	215	–	95	39	23	22	19	–	–	–	32.1
Civil	3 419	–	–	301	418	615	582	672	396	111	184	75	19	24	22	38.2
Electrical and electronic	3 961	–	–	306	876	748	808	609	336	164	92	–	–	–	22	35.3
Industrial	2 386	–	16	100	451	429	427	162	444	139	97	61	40	20	–	37.3
Mechanical	2 172	–	–	125	385	386	431	233	260	182	92	22	–	–	56	37.2
Metallurgical and materials	167	–	–	–	40	22	65	–	40	–	–	–	–	–	–	...
Mining	20	–	20	–	–	–	–	–	–	–	–	–	–	–	–	...
Petroleum	187	–	–	–	–	86	24	–	77	–	–	–	–	–	–	...
Sales	367	–	–	25	69	20	63	66	80	21	23	–	–	–	–	...
Engineers, n.e.c	2 516	–	–	210	424	341	529	323	237	167	103	85	41	15	41	37.7
Farm management advisors	54	–	–	–	18	16	–	20	–	–	–	–	–	–	–	...
Foresters and conservationists	514	24	20	80	44	79	64	68	22	54	26	–	–	33	–	35.8
Home management advisors	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lawyers and judges	2 412	–	–	121	244	371	343	438	223	208	218	90	30	94	32	41.4
Judges	98	–	–	–	–	19	–	–	18	43	18	–	–	–	–	...
Lawyers	2 314	–	–	121	244	352	343	438	205	165	200	90	30	94	32	41.1
Librarians, archivists, and curators	524	–	99	123	102	92	52	38	18	–	–	–	–	–	–	27.0
Librarians	524	–	99	123	102	92	52	38	18	–	–	–	–	–	–	27.0
Archivists and curators	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mathematical specialists	292	–	–	35	–	65	25	37	67	17	24	–	22	–	–	...
Actuaries	37	–	–	–	–	–	–	37	–	–	–	–	–	–	–	...
Mathematicians	43	–	–	–	–	23	–	–	20	–	–	–	–	–	–	...
Statisticians	212	–	–	35	–	42	25	–	47	17	24	–	22	–	–	...
Life and physical scientists	3 111	–	–	412	461	459	449	486	405	180	56	111	22	22	48	37.5
Agricultural	126	–	–	86	–	–	–	–	19	–	–	21	–	–	–	...
Atmospheric and space	96	–	–	–	–	22	17	–	40	17	–	–	–	–	–	...
Biological	368	–	–	39	18	36	90	110	40	19	16	–	–	–	–	...
Chemists	1 959	–	–	260	311	366	163	268	248	144	40	67	22	22	48	36.3
Geologists	170	–	–	–	44	35	50	–	18	–	–	23	–	–	–	...
Marine	50	–	–	27	23	–	–	–	–	–	–	–	–	–	–	...
Physicists and astronomers	326	–	–	–	65	–	129	92	40	–	–	–	–	–	–	...
Life and physical, n.e.c	16	–	–	–	–	–	–	16	–	–	–	–	–	–	–	...
Operations and systems researchers and analysts	1 002	–	–	76	172	137	248	151	114	56	48	–	–	–	–	37.3
Personnel and labor relations workers	3 625	–	41	274	387	625	727	491	443	331	163	79	–	44	20	38.3
Physicians, dentists, and related practitioners	12 537	18	22	154	1 571	1 890	2 333	2 075	1 560	1 082	620	375	283	445	109	40.7
Chiropractors	107	–	–	–	–	59	–	–	13	–	15	–	–	20	–	...
Dentists	974	–	–	33	84	160	184	172	56	37	43	95	26	44	40	40.8
Optometrists	289	–	–	–	42	38	21	21	35	73	–	21	20	18	–	...
Pharmacists	1 743	–	22	100	342	266	190	105	203	165	59	113	95	59	24	38.7
Physicians, medical and osteopathic	9 309	18	–	21	1 074	1 320	1 938	1 758	1 253	787	503	146	142	304	45	40.8
Podiatrists	23	–	–	–	–	23	–	–	–	–	–	–	–	–	–	...
Veterinarians	92	–	–	–	29	24	–	19	–	20	–	–	–	–	–	...
Health practitioners, n.e.c	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	2 317	–	104	217	429	347	410	264	290	131	61	42	–	–	22	35.8
Dietitians	99	–	–	–	21	–	–	–	57	–	–	21	–	–	–	...
Registered nurses	1 080	–	–	79	109	155	272	153	192	60	39	21	–	–	–	38.6
Therapists	1 138	–	104	138	299	192	138	111	41	71	22	–	–	–	22	30.7

Table 42. Age of Employed Persons of Spanish Origin by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Male employed—Con.																
Professional, technical, and kindred workers—Con.																
Health technologists and technicians	4 160	17	100	567	810	995	590	361	325	181	93	69	–	39	13	32.9
Clinical laboratory technologists and technicians	1 977	17	49	265	356	443	299	180	198	113	38	–	–	19	–	33.4
Dental hygienists	20	–	–	–	–	20	–	–	–	–	–	–	–	–	–	...
Health record technologists and technicians	18	–	–	–	18	–	–	–	–	–	–	–	–	–	–	...
Radiologic technologists and technicians	1 277	–	27	169	263	289	185	139	64	43	16	69	–	–	13	33.1
Therapy assistants	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Health technologists and technicians, n.e.c	868	–	24	133	173	243	106	42	63	25	39	–	–	20	–	32.1
Religious workers	3 395	–	49	121	233	344	498	648	392	268	250	191	100	184	117	43.5
Clergymen	3 156	–	27	121	192	344	478	605	374	251	229	171	82	165	117	43.4
Religious workers, n.e.c	239	–	22	–	41	–	20	43	18	17	21	20	18	19	–	...
Social scientists	1 656	–	–	111	176	250	438	215	162	170	72	18	–	20	24	38.3
Economists	1 034	–	–	43	130	230	251	101	110	94	31	–	–	20	24	37.3
Political scientists	21	–	–	–	–	–	–	21	–	–	–	–	–	–	–	...
Psychologists	385	–	–	50	22	20	92	70	37	76	–	18	–	–	–	...
Sociologists	22	–	–	–	–	–	–	–	–	–	22	–	–	–	–	...
Urban and regional planners	133	–	–	18	24	–	49	23	–	–	19	–	–	–	–	...
Social scientists, n.e.c	61	–	–	–	–	–	46	–	15	–	–	–	–	–	–	...
Social and recreation workers	4 919	158	288	1 129	935	580	434	480	357	344	102	24	66	22	–	29.7
Social	3 540	22	79	603	739	477	397	458	315	302	82	–	66	–	–	33.4
Recreation	1 379	136	209	526	196	103	37	22	42	42	20	24	–	22	–	23.3
Teachers, college and university	5 854	47	61	615	924	937	1 032	645	527	293	335	205	63	127	43	36.7
Agriculture	42	–	–	–	20	22	–	–	–	–	–	–	–	–	–	...
Atmospheric, earth, marine, and space	21	–	–	–	–	–	–	21	–	–	–	–	–	–	–	...
Biology	186	–	–	–	16	39	109	–	22	–	–	–	–	–	–	...
Chemistry	194	–	–	21	21	21	66	–	–	23	21	21	–	–	–	...
Physics	292	–	–	22	79	35	40	–	36	–	36	–	19	25	–	...
Engineering	199	–	–	24	66	24	49	20	16	–	–	–	–	–	–	...
Mathematics	305	–	–	23	169	–	75	–	–	20	–	18	–	–	–	...
Health specialties	206	–	–	–	–	97	28	37	44	–	–	–	–	–	–	...
Psychology	17	–	–	–	–	–	–	17	–	–	–	–	–	–	–	...
Business and commerce	130	–	–	–	27	–	40	23	–	17	–	23	–	–	–	...
Economics	81	–	–	18	20	–	20	–	–	23	–	–	–	–	–	...
History	181	–	–	84	42	37	–	–	18	–	–	–	–	–	–	...
Sociology	100	23	–	–	17	18	–	–	–	23	–	–	–	19	–	...
Social science teachers, n.e.c	91	–	–	–	26	22	27	16	–	–	–	–	–	–	–	...
Art, drama, and music	188	–	–	–	48	26	20	17	16	20	20	21	–	–	–	...
Coaches and physical education	116	24	–	14	42	21	–	–	–	–	15	–	–	–	–	...
Education	69	–	–	–	21	–	48	–	–	–	–	–	–	–	–	...
English	273	–	–	23	24	27	17	121	39	–	–	22	–	–	–	...
Foreign language	1 232	–	22	59	72	239	189	140	103	78	204	65	44	17	–	41.3
Home economics	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Law	28	–	–	–	–	–	–	28	–	–	–	–	–	–	–	...
Theology	78	–	–	–	–	–	19	59	–	–	–	–	–	–	–	...
Trade, industrial, and technical	21	–	–	–	–	–	–	–	–	21	–	–	–	–	–	...
Miscellaneous teachers, college and university	317	–	–	17	39	62	73	90	16	–	20	–	–	–	–	...
Teachers, college and university, subject not specified	1 487	–	39	310	175	247	212	56	217	68	19	35	–	66	43	34.4
Teachers, except college and university	15 085	18	165	1 917	3 016	2 558	2 702	1 660	1 337	661	532	204	81	108	126	34.7
Adult education	691	–	–	59	130	95	121	73	41	69	66	20	–	–	17	37.5
Elementary school	5 031	–	44	669	994	909	995	495	405	274	118	91	19	–	18	34.4
Public	4 247	–	19	537	902	759	833	429	343	254	110	42	19	–	–	34.4
Private	784	–	25	132	92	150	162	66	62	20	8	49	–	–	18	34.8
Prekindergarten and kindergarten	88	–	–	–	17	22	30	–	–	–	–	–	19	–	–	...
Public	17	–	–	–	17	–	–	–	–	–	–	–	–	–	–	...
Private	71	–	–	–	–	22	30	–	–	–	–	–	19	–	–	...

Table 42. **Age of Employed Persons of Spanish Origin by Detailed Occupation and Sex: 1970**—Co

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Male employed—Con.																
Professional, technical, and kindred workers—Con.																
Teachers, except college and university—Continued																
Secondary school	8 247	18	55	1 027	1 729	1 449	1 405	964	810	299	287	49	–	88	67	34.5
Public	6 780	18	55	778	1 403	1 216	1 215	848	685	179	266	49	–	27	41	34.7
Private	1 467	–	–	249	326	233	190	116	125	120	21	–	–	61	26	33.4
Teachers, except college and university, n.e.c	1 028	–	66	162	146	83	151	128	81	19	61	44	43	20	24	36.9
Engineering and science technicians	20 846	88	652	3 974	4 138	4 025	2 652	2 231	1 457	687	436	206	140	109	51	32.0
Agriculture and biological, except health	620	–	48	19	126	88	111	72	51	–	40	21	44	–	–	36.3
Chemical	1 197	–	44	223	279	232	167	86	67	45	32	–	22	–	–	31.1
Draftsmen	9 097	41	359	1 882	1 936	1 776	1 029	906	489	336	148	85	34	58	18	30.9
Electrical and electronic engineering	3 988	–	48	469	755	794	533	637	447	129	159	–	–	–	17	34.5
Industrial engineering	377	–	18	57	119	84	22	–	58	19	–	–	–	–	–	...
Mechanical engineering	155	–	–	24	46	–	61	–	–	–	–	24	–	–	–	...
Mathematical	32	–	–	–	–	–	16	–	16	–	–	–	–	–	–	...
Surveyors	1 557	–	21	453	336	380	82	160	92	–	19	14	–	–	–	29.5
Engineering and science, n.e.c	3 823	47	114	847	541	671	631	370	237	158	38	62	40	51	16	32.7
Technicians, except health, and engineering and science	2 670	–	46	422	576	425	307	311	240	168	130	45	–	–	–	33.4
Airplane pilots	510	–	–	64	186	138	43	60	19	–	–	–	–	–	–	30.2
Air traffic controllers	418	–	–	83	65	148	41	42	39	–	–	–	–	–	–	32.1
Embalmers	53	–	–	–	19	–	–	–	–	–	34	–	–	–	–	...
Flight engineers	91	–	–	–	36	–	17	–	17	–	21	–	–	–	–	...
Radio operators	543	–	–	89	116	20	68	108	50	54	18	20	–	–	–	38.4
Tool programers, numerical control	38	–	–	–	20	–	–	18	–	–	–	–	–	–	–	...
Technicians, n.e.c	1 017	–	46	186	134	119	138	83	115	114	57	25	–	–	–	35.9
Vocational and educational counselors	1 378	40	71	292	266	86	230	216	115	39	23	–	–	–	–	31.2
Writers, artists, and entertainers	14 746	242	436	2 096	2 535	2 151	2 056	1 811	1 512	793	486	234	190	124	80	34.8
Actors	95	–	–	47	22	–	–	–	26	–	–	–	–	–	–	...
Athletes and kindred workers	1 051	18	88	303	168	131	98	84	65	18	20	58	–	–	–	28.5
Authors	231	–	–	24	19	24	46	17	19	21	61	–	–	–	–	...
Dancers	112	25	–	25	45	–	–	–	–	–	–	17	–	–	–	...
Designers	2 251	–	–	212	458	418	469	285	142	135	62	38	32	–	–	35.4
Editors and reporters	1 337	19	23	147	129	108	316	198	195	34	20	–	44	63	41	38.8
Musicians and composers	2 626	121	174	389	559	373	172	284	250	147	80	39	18	–	20	30.9
Painters and sculptors	2 091	43	21	341	317	342	305	218	267	160	–	–	57	20	–	34.7
Photographers	1 881	–	79	237	242	338	253	238	176	148	91	41	–	19	19	35.9
Public relations men and publicity writers	977	16	21	77	191	216	126	160	94	–	39	19	18	–	–	34.2
Radio and television announcers	309	–	–	56	100	–	47	21	63	–	–	–	–	22	–	...
Writers, artists, and entertainers, n.e.c	1 785	–	30	238	285	201	224	306	215	130	113	22	21	–	–	38.1
Research workers, not specified	1 488	–	–	318	396	236	145	225	93	–	37	19	–	–	19	30.6
Professional, technical, and kindred workers—allocated	6 395	193	172	1 137	1 137	856	791	692	529	319	246	81	43	54	145	33.3
Managers and administrators, except farm	**100 591**	**276**	**869**	**6 952**	**14 234**	**14 556**	**14 329**	**14 913**	**12 357**	**8 871**	**5 981**	**2 922**	**1 436**	**1 886**	**1 009**	**39.7**
Assessors, controllers, and treasurers; local public administration	245	–	–	–	–	47	34	21	18	62	19	22	22	–	–	...
Bank officers and financial managers	4 499	–	19	467	1 100	901	568	495	349	293	138	96	39	17	17	33.7
Buyers and shippers, farm products	312	–	41	24	21	37	40	43	85	–	21	–	–	–	–	...
Buyers, wholesale and retail trade	2 229	18	–	190	267	386	189	234	342	238	175	86	62	22	20	41.4
Credit men	1 056	–	47	167	288	71	208	125	65	–	45	–	–	21	19	31.8
Funeral directors	372	–	–	42	42	36	41	24	132	–	20	16	–	–	19	...
Health administrators	524	–	–	83	40	127	61	24	77	39	30	–	–	23	20	36.0
Construction inspectors, public administration	339	–	–	19	34	50	58	55	23	60	40	–	–	–	–	...
Inspectors, except construction; public administration	1 880	–	19	23	190	231	249	441	468	146	18	22	73	–	–	42.6
Federal public administration and postal service	1 397	–	19	23	90	148	184	372	366	82	18	22	73	–	–	43.2
State public administration	179	–	–	–	14	22	48	–	52	43	–	–	–	–	–	...
Local public administration	304	–	–	–	86	61	17	69	50	21	–	–	–	–	–	...
Managers and superintendents, building	2 097	–	–	115	186	301	284	171	267	291	162	55	57	153	55	44.8
Office managers, n.e.c	2 161	–	18	176	461	432	271	367	143	191	67	23	–	12	–	34.9
Officers, pilots, and pursers, ship	328	–	–	22	40	55	40	18	38	94	21	–	–	–	–	...

Table 42. Age of Employed Persons of Spanish Origin by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

United States	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Male employed—Con.																
Managers and administrators, except farm—Con.																
Officials and administrators, public administration, n.e.c	3 614	14	21	84	328	550	633	626	526	371	211	98	60	38	54	41.4
Federal public administration and postal service	1 961	–	21	62	177	271	352	337	357	205	63	77	22	17	–	41.4
State public administration	687	–	–	22	37	60	179	84	78	110	58	21	38	–	–	42.7
Local public administration	966	14	–	–	114	219	102	205	91	56	90	–	–	21	54	40.8
Officials of lodges, societies, and unions	852	19	42	40	81	87	20	181	175	109	80	–	–	18	–	43.8
Postmasters and mail superintendents	330	–	–	–	72	–	–	17	22	64	91	–	64	–	–	...
Purchasing agents and buyers, n.e.c	2 011	30	–	151	334	205	364	293	240	253	100	21	20	–	–	38.9
Railroad conductors	340	–	–	–	19	17	–	90	44	65	60	45	–	–	–	...
Restaurant, cafeteria, and bar managers	7 158	87	131	617	846	714	1 293	990	850	550	495	286	78	187	34	39.6
Sales managers and department heads, retail trade	3 955	29	90	543	820	643	507	536	303	140	215	89	20	–	20	33.9
Sales managers, except retail trade	2 624	–	48	108	361	385	549	368	403	198	127	56	–	–	21	38.7
School administrators, college	226	–	–	20	39	21	80	–	–	–	43	23	–	–	–	...
School administrators, elementary and secondary	1 443	–	–	44	111	239	297	339	243	52	36	63	–	19	–	40.4
Managers and administrators, n.e.c., salaried	39 856	79	329	3 016	6 381	6 438	5 648	6 192	4 557	2 694	2 015	1 089	472	585	361	38.3
Construction	3 568	–	67	107	460	563	579	533	534	324	224	67	32	20	58	40.1
Durable goods manufacturing	3 976	–	20	150	496	562	608	896	590	282	172	86	17	64	33	40.8
Nondurable goods, incl. not specified manufacturing	3 319	–	–	213	663	513	471	330	306	301	199	173	18	84	48	37.9
Transportation	2 081	–	–	–	145	430	237	481	361	119	169	82	19	38	–	42.4
Communications, and utilities and sanitary services	1 040	–	–	169	64	189	131	141	173	88	62	–	23	–	–	38.7
Wholesale trade	4 277	–	–	251	496	603	611	764	612	341	290	152	47	77	33	41.2
Retail trade	13 196	58	146	1 670	2 661	2 334	1 741	1 670	1 093	750	453	281	148	125	66	34.4
Hardware, farm equipment, and building material retailing	554	–	–	20	47	75	108	105	95	20	18	66	–	–	–	41.3
General merchandise stores	1 280	–	42	250	253	174	137	201	57	82	65	19	–	–	–	32.7
Food stores	4 079	–	42	529	854	865	552	437	342	186	101	63	42	21	45	33.6
Motor vehicles and accessories retailing	1 577	–	–	80	399	233	318	232	50	106	70	66	–	23	–	36.2
Gasoline service stations	2 289	20	41	281	378	311	218	385	278	166	42	45	86	38	–	37.6
Apparel and accessories stores	990	–	–	250	236	187	81	60	60	20	59	–	–	16	21	30.2
Furniture, home furnishings, and equipment stores	747	–	–	42	121	155	132	70	82	87	58	–	–	–	–	37.1
Other retail trade	1 680	38	21	218	373	334	195	180	129	83	40	22	20	27	–	32.8
Finance, insurance and real estate	2 157	–	18	119	411	412	281	295	221	180	103	39	20	–	58	37.1
Business and repair services	1 723	–	34	135	269	288	317	316	140	74	42	66	24	–	18	37.1
Personal services	1 726	–	–	73	263	142	328	288	150	142	106	57	78	99	–	41.0
All other industries[1]	2 793	21	44	129	453	402	344	478	377	93	195	86	46	78	47	40.0
Managers and administrators, n.e.c., self-employed	16 715	–	23	331	1 232	1 858	2 152	2 460	2 555	2 448	1 562	730	416	638	310	45.6
Construction	2 977	–	–	56	171	225	643	600	468	380	162	21	55	156	40	43.3
Durable goods manufacturing	790	–	23	19	41	170	44	107	125	115	52	23	19	27	25	44.6
Nondurable goods, incl. not specified manufacturing	479	–	–	–	42	67	95	42	43	63	70	–	14	22	21	44.2
Transportation	554	–	–	–	39	68	54	40	118	89	55	53	38	–	–	48.2
Communications, and utilities and sanitary services	41	–	–	–	–	–	–	19	22	–	–	–	–	–	–	...
Wholesale trade	1 152	–	–	19	106	87	120	160	106	173	235	40	38	13	55	49.0
Retail trade	8 058	–	–	175	693	905	935	1 055	1 229	1 211	729	489	196	311	130	46.1
Hardware, farm equipment, and building material retailing	350	–	–	–	62	38	17	77	22	68	22	22	–	22	–	...
General merchandise stores	258	–	–	–	–	38	62	38	62	22	–	–	–	36	–	...
Food stores	3 497	–	–	73	223	359	255	359	437	597	477	317	132	193	75	50.4
Motor vehicles and accessories retailing	387	–	–	–	59	44	23	50	129	57	–	25	–	–	–	...
Gasoline service stations	2 135	–	–	56	264	303	380	286	324	276	133	69	44	–	–	41.1
Apparel and accessories stores	290	–	–	–	21	–	40	48	84	56	17	–	–	24	–	...
Furniture, home furnishings, and equipment stores	389	–	–	23	–	–	78	93	90	48	40	–	–	–	17	...
Other retail trade	752	–	–	23	64	123	80	104	81	87	40	56	20	36	38	44.1
Finance, insurance, and real estate	107	–	–	–	–	–	–	48	–	–	38	–	–	21	–	...
Business and repair services	981	–	–	43	78	133	87	161	147	132	42	61	37	45	15	44.6
Personal services	902	–	–	–	20	121	59	140	199	208	93	20	19	23	–	47.8
All other industries[1]	674	–	–	19	42	82	115	88	98	77	86	23	–	20	24	44.5
Managers and administrators, except farm—allocated	5 425	–	41	670	941	725	743	803	432	513	190	102	53	153	59	37.3

[1]Includes transportation, communications, and other public utilities—allocated.

Table 42. **Age of Employed Persons of Spanish Origin by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Male employed—Con.																
Sales workers	**75 707**	**3 355**	**4 643**	**10 445**	**11 663**	**10 374**	**8 984**	**7 457**	**6 067**	**4 582**	**3 699**	**1 701**	**809**	**1 272**	**656**	**33.7**
Advertising agents and salesmen	517	–	–	103	81	68	22	102	40	24	37	19	–	–	21	36.5
Auctioneers	42	–	–	–	21	–	–	–	–	21	–	–	–	–	–	...
Demonstrators	108	20	19	–	24	–	24	–	–	–	21	–	–	–	–	...
Hucksters and peddlers	905	48	41	40	94	36	111	104	85	21	143	72	17	34	59	44.0
Insurance agents, brokers, and underwriters	7 090	39	42	664	1 416	1 302	920	992	609	425	371	98	42	115	55	35.4
Newsboys	1 087	519	98	70	39	40	97	81	21	23	63	–	–	17	19	18.5
Real estate agents and brokers	2 580	–	–	143	196	355	378	216	374	305	250	118	58	102	85	45.0
Stock and bond salesmen	910	–	–	129	155	163	139	26	72	52	72	21	44	17	20	35.3
Salesmen and sales clerks, n.e.c	58 422	2 365	3 814	8 585	9 170	7 989	6 963	5 748	4 531	3 606	2 583	1 221	575	910	362	33.3
Sales representatives, manufacturing industries	6 021	38	85	784	1 184	1 167	701	639	501	438	241	52	22	131	38	33.9
Sales representatives, wholesale trade	10 208	42	231	922	1 491	1 825	1 639	1 365	831	789	537	141	176	199	20	36.8
Sales clerks, retail trade	29 074	2 008	3 090	5 146	4 415	3 186	2 699	2 238	1 812	1 515	1 211	749	229	490	286	29.9
General merchandise stores	6 050	378	1 030	1 283	765	606	495	399	418	254	144	69	24	100	85	27.2
Food stores	6 226	318	293	704	1 068	689	641	632	437	533	229	322	62	241	57	35.3
Apparel and accessories stores	5 714	779	934	1 184	716	496	543	227	223	98	255	106	–	110	43	24.8
Other sales clerks, retail trade	11 084	533	833	1 975	1 866	1 395	1 020	980	734	630	583	252	143	39	101	31.2
Salesmen, retail trade	10 116	146	287	1 387	1 489	1 402	1 539	1 156	979	752	506	240	125	90	18	36.1
Motor vehicles and accessories dealers	5 197	25	177	628	817	770	713	632	519	412	261	129	62	52	–	36.3
Salesmen of services and construction	3 003	131	121	346	591	409	385	350	408	112	88	39	23	–	–	33.8
Sales workers—allocated	4 046	364	629	711	467	421	330	188	335	105	159	152	73	77	35	28.4
Clerical and kindred workers	**141 474**	**3 890**	**9 665**	**27 260**	**23 661**	**18 594**	**15 307**	**14 471**	**10 609**	**6 954**	**5 468**	**2 010**	**890**	**1 669**	**1 026**	**31.7**
Bank tellers	1 491	–	116	533	324	224	90	42	65	40	36	21	–	–	–	26.5
Billing clerks	641	24	22	122	188	61	76	66	63	19	–	–	–	–	–	29.1
Bookkeepers	11 292	90	304	1 518	2 232	1 574	1 404	903	1 164	725	401	314	105	321	237	34.8
Cashiers	7 035	684	1 112	1 754	875	558	483	547	310	174	353	41	82	62	–	24.9
Clerical assistants, social welfare	20	–	–	–	20	–	–	–	–	–	–	–	–	–	–	...
Clerical supervisors, n.e.c	1 266	–	44	166	181	81	274	133	178	79	86	22	–	22	–	37.9
Collectors, bill and account	968	–	20	208	243	192	14	129	–	42	84	–	–	36	–	30.3
Counter clerks, except food	2 612	78	328	549	429	296	341	290	94	66	61	19	20	41	–	29.1
Dispatchers and starters, vehicle	1 051	–	54	84	125	202	128	128	160	81	20	–	23	24	22	37.4
Enumerators and interviewers	573	–	58	200	123	38	25	67	22	40	–	–	–	–	–	26.2
Estimators and investigators, n.e.c	3 356	–	76	384	700	570	536	423	299	120	101	79	–	–	68	34.5
Expeditors and production controllers	4 051	27	84	618	758	708	619	581	318	127	88	80	22	–	21	33.8
File clerks	3 707	302	636	780	457	334	315	219	222	197	175	–	18	18	34	26.5
Insurance adjusters, examiners, and investigators	921	–	22	153	269	102	86	134	77	60	–	–	18	–	–	30.8
Library attendants and assistants	910	168	165	316	135	46	20	–	20	–	23	17	–	–	–	21.9
Mail carriers, post office	6 711	59	127	785	1 030	1 132	1 079	1 024	626	457	256	21	11	–	104	36.0
Mail handlers, except post office	3 579	138	619	749	456	301	267	199	204	273	196	90	42	15	30	28.1
Messengers, including telegraph, and office boys	2 634	248	563	592	299	112	142	149	57	69	83	102	52	105	61	24.3
Meter readers, utilities	1 364	–	–	406	298	142	137	128	101	109	15	28	–	–	–	29.6
Office machine operators	7 771	74	487	2 306	1 884	1 312	653	503	41	237	210	48	–	16	–	27.7
Bookkeeping and billing machine	335	–	–	106	47	52	47	38	21	24	–	–	–	–	–	...
Calculating machine	273	–	21	110	79	43	–	–	20	–	–	–	–	–	–	...
Computer and peripheral equipment	4 044	16	204	1 255	1 131	785	249	237	–	84	83	–	–	–	–	27.4
Duplicating machine	531	–	51	140	81	43	87	39	–	–	48	26	–	16	–	29.6
Keypunch	1 397	36	52	417	282	179	182	102	–	103	44	–	–	–	–	28.4
Tabulating machine	363	–	71	66	120	65	18	–	–	–	23	–	–	–	–	...
Office machine, n.e.c	828	22	88	212	144	145	70	87	–	26	12	22	–	–	–	28.2
Payroll and timekeeping clerks	1 149	–	19	158	273	205	106	20	94	84	38	53	58	41	–	33.0
Postal clerks	7 390	111	314	1 114	784	1 061	1 085	1 269	805	372	306	76	–	73	20	36.4
Proofreaders	144	–	21	28	21	–	41	–	–	–	–	–	–	–	33	...
Real estate appraisers	226	–	–	27	19	–	74	42	–	20	22	22	–	–	–	...
Receptionists	720	42	98	264	14	45	21	39	79	21	34	–	22	18	23	24.2

Table 42. Age of Employed Persons of Spanish Origin by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Male employed—Con.																
Clerical and kindred workers—Continued																
Secretaries	1 584	90	85	290	319	147	192	73	178	89	64	38	–	19	–	30.3
Secretaries, legal	95	19	–	33	–	43	–	–	–	–	–	–	–	–	–	...
Secretaries, medical	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shipping and receiving clerks	22 688	348	1 030	4 444	4 210	3 473	2 445	2 473	1 764	977	782	358	141	158	85	31.9
Statistical clerks	2 905	20	138	515	557	423	217	229	284	190	214	44	21	38	15	32.6
Stenographers	172	–	30	17	19	–	21	20	–	–	–	22	–	43	–	...
Stock clerks and storekeepers	15 196	547	1 159	2 625	2 387	1 586	1 452	1 641	1 500	982	763	237	133	151	33	32.8
Teacher aides, except school monitors	808	83	201	329	35	–	49	39	–	12	37	23	–	–	–	21.8
Telegraph operators	156	–	–	67	–	–	20	21	21	–	–	–	–	–	27	...
Telephone operators	589	50	41	193	99	81	–	22	64	19	20	–	–	–	–	25.5
Ticket, station, and express agents	2 475	–	–	358	518	395	355	343	165	242	34	–	19	46	–	34.6
Typists	3 351	94	326	654	495	459	462	369	148	108	171	23	–	42	–	31.2
Weighers	1 021	23	50	111	101	226	81	151	97	77	19	24	–	61	–	35.0
Miscellaneous and not specified clerical workers	12 424	364	757	2 598	1 745	1 639	1 453	1 558	722	587	511	89	103	214	84	32.3
Occupation:																
Miscellaneous clerical workers	4 894	83	282	1 028	672	560	734	705	353	171	102	22	66	98	18	33.4
Not specified clerical workers	7 530	281	475	1 570	1 073	1 079	719	853	369	416	409	67	37	116	66	31.7
Industry:																
Manufacturing	2 488	41	78	564	272	396	242	314	242	76	109	67	26	43	18	33.6
Transportation, communications, and other public utilities	1 538	–	134	100	238	246	227	246	100	173	55	–	–	19	–	36.1
Wholesale and retail trade	2 271	112	174	303	250	323	355	264	159	136	99	–	40	56	–	34.6
Finance, insurance, and real estate	2 171	73	167	794	425	282	83	90	104	51	59	–	–	43	–	25.6
Professional and related services	1 095	98	36	413	156	103	44	148	–	19	41	–	17	20	–	25.0
Public administration	1 683	24	104	182	216	202	338	350	82	62	101	22	–	–	–	36.7
All other industries	1 178	16	64	242	188	87	164	146	35	70	47	–	20	33	66	34.5
Clerical and kindred workers—allocated	6 523	226	559	1 245	1 039	869	544	497	667	259	265	119	–	105	129	31.1
Craftsmen and kindred workers	**382 344**	**3 126**	**8 515**	**43 068**	**56 763**	**56 370**	**54 545**	**50 897**	**43 781**	**26 732**	**20 302**	**8 572**	**3 684**	**4 127**	**1 862**	**37.1**
Automobile accessories installers	427	21	–	69	80	121	25	66	–	–	24	–	21	–	–	31.8
Bakers	6 516	99	121	490	756	852	889	961	788	383	437	411	94	148	87	40.3
Cabinetmakers	4 044	35	250	240	678	569	612	583	282	189	283	108	86	81	48	37.0
Carpet installers	2 799	40	194	646	601	685	258	194	65	73	19	24	–	–	–	29.3
Construction craftsmen	110 293	963	2 354	11 603	14 184	14 928	16 029	15 657	13 809	8 508	6 579	2 638	1 021	1 392	628	38.5
Brickmasons and stonemasons	6 423	40	150	510	1 019	933	1 073	901	752	464	249	128	93	75	36	37.6
Brickmasons and stonemasons, apprentices	117	–	–	24	51	–	19	–	–	23	–	–	–	–	–	...
Bulldozer operators	3 989	–	129	322	353	466	625	690	645	264	255	85	58	97	–	40.7
Carpenters	31 234	338	645	3 367	3 364	3 843	4 439	4 188	4 106	2 615	2 444	974	295	399	217	39.6
Carpenter apprentices	360	24	58	239	17	–	22	–	–	–	–	–	–	–	–	...
Cement and concrete finishers	6 817	73	21	565	581	824	1 312	1 273	938	623	339	101	22	145	–	40.1
Electricians	13 422	39	200	1 668	2 121	2 006	2 193	1 676	1 378	909	663	292	113	117	47	36.5
Electrician apprentices	803	22	100	334	137	71	45	57	37	–	–	–	–	–	–	24.2
Excavating, grading, and road machine operators, except bulldozer	8 483	22	77	723	1 006	1 172	1 429	1 311	1 207	687	518	129	20	119	63	39.3
Floor layers, except tile setters	917	–	62	56	123	190	126	81	123	52	21	58	25	–	–	36.1
Painters, construction and maintenance	18 508	261	510	1 722	2 574	2 661	1 983	2 568	2 234	1 721	1 250	478	197	198	151	38.8
Painter apprentices	71	–	–	52	–	–	19	–	–	–	–	–	–	–	–	...
Paperhangers	194	–	–	16	44	–	35	42	21	–	–	18	18	–	–	...
Plasterers	1 921	66	47	120	211	209	315	311	206	145	124	37	38	56	36	39.9
Plasterer apprentices	23	23	–	–	–	–	–	–	–	–	–	–	–	–	–	...
Plumbers and pipe fitters	11 487	27	185	1 526	1 564	1 597	1 640	1 481	1 539	825	580	234	65	146	78	37.6
Plumber and pipe fitter apprentices	504	–	20	361	65	41	–	–	–	17	–	–	–	–	–	23.2
Roofers and slaters	3 031	76	130	445	557	414	436	389	303	98	59	62	62	–	–	33.7
Structural metal craftsmen	2 003	–	138	303	338	318	226	413	150	41	57	–	–	19	–	33.5
Tile setters	1 864	21	60	260	329	295	197	333	207	64	20	42	15	21	–	34.4

Table 42. **Age of Employed Persons of Spanish Origin by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Male employed—Con.																
Craftsmen and kindred workers—Continued																
Cranemen, derrickmen, and hoistmen	5 704	20	48	472	553	852	891	1 051	759	625	239	109	41	44	–	40.1
Decorators and window dressers	1 146	56	74	158	217	161	126	125	61	63	39	23	23	–	20	32.1
Dental laboratory technicians	1 731	21	39	319	362	210	342	149	98	60	69	41	21	–	–	33.0
Electric power linemen and cablemen	2 197	–	78	390	500	384	260	312	61	69	76	–	37	–	30	31.7
Engravers, except photoengravers	278	–	–	17	44	39	57	64	38	–	–	–	–	–	19	...
Foremen, n.e.c	41 418	82	234	2 485	5 060	7 320	7 053	6 370	5 388	3 038	2 566	877	461	268	216	38.9
Construction	4 490	–	–	116	426	731	1 002	784	647	313	260	162	33	16	–	39.9
Manufacturing	22 624	61	167	1 553	3 161	4 298	3 718	3 390	2 760	1 487	1 107	351	288	143	140	37.8
Metal industries	3 919	–	45	209	525	712	686	663	454	323	187	33	55	–	27	38.4
Machinery, except electrical	1 631	–	–	68	210	323	177	366	202	104	90	57	34	–	–	40.5
Electrical machinery, equipment, and supplies	1 904	26	–	181	244	355	402	269	182	73	97	–	38	–	37	36.8
Transportation equipment	1 910	–	19	78	227	341	413	434	203	82	92	21	–	–	–	38.5
Other durable goods	4 072	–	26	225	537	870	826	387	626	216	199	88	50	–	22	37.3
Food and kindred products	2 560	–	–	134	419	423	385	279	404	199	190	41	45	41	–	38.9
Textiles, textile products, and apparel	1 847	–	23	208	300	409	185	214	229	96	74	50	–	40	19	34.8
Other nondurable goods, including not specified manufacturing	4 781	35	54	450	699	865	644	778	460	394	178	61	66	62	35	37.2
Transportation	2 271	–	–	153	174	243	245	492	295	178	336	86	21	32	16	43.3
Communications, and utilities and sanitary services	1 166	–	–	23	17	96	313	269	166	82	104	13	36	26	21	42.5
Wholesale and retail trade	5 625	–	14	397	636	1 112	863	1 008	672	450	238	115	44	37	39	38.8
All other industries[1]	5 242	21	53	243	646	840	912	427	848	528	521	150	39	14	–	39.5
Furniture and wood finishers	1 637	18	16	160	105	299	253	169	177	200	83	61	20	76	–	39.4
Furriers	83	–	–	–	–	19	23	21	–	–	–	20	–	–	–	...
Glaziers	1 195	–	49	142	113	155	171	207	103	165	62	28	–	–	–	39.0
Inspectors, scalers, and graders; log and lumber	186	–	–	49	21	62	–	34	–	–	20	–	–	–	–	...
Inspectors, n.e.c	2 988	–	21	187	349	302	460	461	493	252	166	79	121	49	48	41.9
Construction	272	–	21	70	19	18	40	39	20	21	–	–	–	24	–	...
Railroads and railway express service	1 082	–	–	20	21	116	152	241	194	183	44	–	83	–	28	44.8
Jewelers and watchmakers	2 451	21	93	182	376	358	199	485	244	197	100	115	61	20	–	39.9
Locomotive engineers	440	–	–	43	21	30	66	88	35	73	45	–	19	20	–	43.4
Locomotive firemen	157	–	17	63	39	–	19	19	–	–	–	–	–	–	–	...
Mechanics and repairmen	99 305	814	2 072	11 394	16 330	14 793	14 209	12 940	11 775	6 628	4 837	1 807	721	775	210	36.5
Air conditioning, heating, and refrigeration	4 820	65	40	515	876	673	702	621	625	437	175	39	–	52	–	36.7
Aircraft	7 937	–	66	695	1 273	1 222	1 230	1 082	1 209	422	487	161	16	74	–	37.9
Automobile body repairmen	6 494	80	136	882	1 025	1 052	1 031	1 017	565	425	218	45	18	–	–	35.3
Automobile mechanics	34 664	453	1 183	4 242	5 770	5 239	5 012	4 355	3 297	2 132	1 829	461	338	260	93	35.4
Automobile mechanic apprentices	69	34	–	16	19	–	–	–	–	–	–	–	–	–	–	...
Data processing machine repairmen	835	–	–	147	189	234	148	86	–	–	31	–	–	–	–	31.7
Farm implement	781	–	14	102	82	111	67	141	143	20	40	24	20	–	17	40.5
Heavy equipment mechanics, including diesel	19 646	145	258	1 976	3 099	2 990	2 758	2 401	2 678	1 732	856	502	42	150	59	37.5
Household appliance and accessory installers and mechanics	4 144	–	64	713	855	373	425	713	412	232	180	98	62	17	–	35.8
Loom fixers	129	–	–	–	65	–	21	–	–	–	22	–	21	–	–	...
Office machine	1 206	–	21	161	295	145	180	131	87	52	111	23	–	–	–	34.3
Radio and television	6 893	–	133	613	1 059	1 038	1 329	825	1 192	331	287	43	–	22	21	37.3
Railroad and car shop	2 683	–	58	248	343	113	190	428	363	280	298	177	117	68	–	44.6
Mechanics, except auto, apprentices	205	–	–	184	21	–	–	–	–	–	–	–	–	–	–	...
Miscellaneous mechanics and repairmen, including mechanics, except auto, apprentices	5 996	39	79	897	862	1 197	729	671	715	391	130	90	65	111	20	34.7
Manufacturing	1 362	–	–	284	155	248	142	224	173	79	37	–	20	–	–	34.9
Not specified mechanics and repairmen	3 077	32	20	203	537	406	387	469	489	174	173	144	22	21	–	39.4
Manufacturing	1 260	19	–	126	255	96	192	223	140	65	21	102	–	21	–	38.5
Metal craftsmen, except mechanics	36 097	178	646	4 695	6 162	5 434	4 521	4 641	3 903	2 425	1 846	972	291	346	37	36.0
Blacksmiths	251	–	–	22	–	72	43	–	23	–	36	21	–	16	18	...
Boilermakers	1 092	–	20	136	130	99	161	82	130	19	83	100	67	65	–	40.0

[1] Includes transportation, communications, and other public utilities—allocated.

Table 42. Age of Employed Persons of Spanish Origin by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Male employed—Con.																
Craftsmen and kindred workers—Continued																
Metal craftsmen, except mechanics—Continued																
Forgemen and hammermen	453	–	–	127	57	60	40	39	88	–	20	22	–	–	–	33.5
Heat treaters, annealers, and temperers	926	–	–	151	285	67	85	90	126	19	83	–	20	–	–	32.0
Job and die setters, metal	2 797	–	21	364	426	445	483	360	343	164	166	25	–	–	–	36.5
Machinists	13 548	63	256	1 697	2 590	2 073	1 600	1 566	1 240	1 098	704	389	118	154	–	35.3
Machinist apprentices	278	22	–	101	110	–	–	23	–	22	–	–	–	–	–	...
Millwrights	1 176	–	20	41	124	217	64	168	150	212	98	58	–	24	–	43.6
Molders, metal	3 106	–	–	572	362	544	439	573	254	150	91	57	64	–	–	35.9
Molder apprentices	38	–	–	17	–	–	–	21	–	–	–	–	–	–	–	...
Pattern and model makers, except paper	900	20	22	48	115	170	73	147	117	71	117	–	–	–	–	40.1
Rollers and finishers, metal	880	–	18	62	94	125	154	145	147	14	63	58	–	–	–	39.6
Sheetmetal workers and tinsmiths	6 467	42	178	840	1 165	993	757	841	819	393	223	160	–	56	–	35.1
Sheetmetal apprentices	291	–	41	168	56	–	–	–	26	–	–	–	–	–	–	...
Shipfitters	275	–	14	40	81	–	15	63	21	19	22	–	–	–	–	...
Tool and die makers	4 226	53	97	595	733	569	607	567	445	266	140	82	22	31	19	35.5
Tool and die maker apprentices	210	–	37	99	57	17	–	–	–	–	–	–	–	–	–	...
Millers, grain, flour, and feed	152	–	–	–	16	–	22	20	57	–	18	–	–	–	19	...
Motion picture projectionists	413	61	73	42	66	–	–	43	22	–	69	–	–	17	20	27.3
Opticians, and lens grinders and polishers	843	–	56	153	92	179	91	154	83	14	21	–	–	–	–	33.4
Pi[illegible]o and organ tuners and repairmen	119	–	–	–	–	–	41	–	–	22	–	–	–	56	–	...
P[illegible]er station operators	171	–	–	23	17	29	–	–	15	44	43	–	–	–	–	...
Printing craftsmen	14 993	199	722	2 477	2 488	2 591	2 106	1 608	1 125	556	549	280	66	135	91	33.1
Bookbinders	777	39	–	135	78	18	135	118	100	38	56	60	–	–	–	39.4
Compositors and typesetters	5 677	59	381	834	992	1 076	540	566	418	221	274	134	48	80	54	32.7
Printing trades apprentices, except pressmen	420	–	170	71	117	43	–	–	19	–	–	–	–	–	–	22.8
Electrotypers and stereotypers	97	–	–	16	13	17	26	25	–	–	–	–	–	–	–	...
Photoengravers and lithographers	970	–	–	224	154	139	110	176	108	22	–	37	–	–	–	33.8
Pressmen and plate printers, printing	7 472	101	341	1 268	1 251	1 341	1 295	723	499	275	219	49	18	55	37	32.9
Pressman apprentices	145	–	–	42	39	43	21	–	–	–	–	–	–	–	–	...
Shoe repairmen	1 828	–	83	80	264	235	201	219	274	152	174	95	19	32	–	41.2
Sign painters and letterers	886	–	66	159	166	65	191	35	106	22	15	20	20	–	21	34.0
Stationary engineers	3 951	25	19	219	506	377	505	517	490	461	410	151	59	192	20	43.1
Stone cutters and stone carvers	243	–	22	22	39	38	–	60	40	–	–	–	22	–	–	...
Tailors	5 149	–	23	528	729	625	794	582	723	441	221	94	104	203	82	39.2
Telephone installers and repairmen	5 721	–	227	1 404	1 539	790	777	378	363	148	59	20	–	–	16	29.0
Telephone linemen and splicers	998	–	63	298	124	78	199	42	50	76	46	–	22	–	–	30.9
Upholsterers	5 183	77	164	705	792	884	765	557	486	416	233	66	21	17	–	34.8
Craftsmen and kindred workers, n.e.c	2 897	51	152	436	400	355	337	411	350	181	87	58	62	17	–	35.8
Former members of the Armed Forces	28	–	–	28	–	–	–	–	–	–	–	–	–	–	–	...
Craftsmen and kindred workers—allocated	17 677	345	539	2 690	2 974	2 551	2 053	1 674	1 518	1 251	867	475	251	239	250	34.5
Operatives, except transport	**378 118**	**8 123**	**19 604**	**59 032**	**60 352**	**55 157**	**46 828**	**42 566**	**33 615**	**22 942**	**16 065**	**6 278**	**2 806**	**3 272**	**1 478**	**33.8**
Asbestos and insulation workers	646	–	41	53	240	102	85	63	24	20	–	18	–	–	–	29.8
Assemblers	34 084	478	1 697	6 352	6 553	4 775	4 197	3 615	2 740	1 703	1 201	345	163	208	57	32.1
Blasters and powdermen	470	–	21	70	90	34	23	59	47	88	19	19	–	–	–	39.3
Bottling and canning operatives	2 390	17	86	426	406	317	277	309	242	106	128	57	–	–	19	34.1
Chainmen, rodmen, and axmen, surveying	350	–	38	76	25	38	63	43	–	42	25	–	–	–	–	...
Checkers, examiners, and inspectors; manufacturing	11 847	63	449	1 818	2 400	1 617	1 621	1 347	1 003	774	409	203	20	84	39	33.7
Clothing ironers and pressers	5 568	110	173	718	882	902	578	804	509	320	296	137	52	66	21	35.0
Cutting operatives, n.e.c	9 022	242	397	1 255	1 489	1 416	1 301	939	793	451	371	247	35	58	28	34.0
Dressmakers and seamstresses, except factory	311	46	20	–	19	21	39	66	18	23	38	–	–	21	–	...
Drillers, earth	1 667	–	22	221	389	280	119	183	120	142	116	–	25	31	19	33.6
Dry wall installers and lathers	1 995	–	122	323	402	446	379	131	116	40	36	–	–	–	–	31.7
Dyers	815	–	–	216	95	154	152	77	46	19	40	16	–	–	–	33.1
Garage workers and gas station attendants	17 009	2 245	3 448	3 516	1 784	1 357	1 255	1 087	573	511	635	138	85	284	91	24.0

Table 42. **Age of Employed Persons of Spanish Origin by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Male employed—Con.																
Operatives, except transport—Continued																
Graders and sorters, manufacturing	664	21	20	103	144	40	125	79	21	30	39	–	–	20	22	35.2
Produce graders and packers, except factory and farm	2 181	114	174	369	81	186	153	298	355	162	124	56	84	25	–	40.2
Laundry and drycleaning operatives, n.e.c	4 968	148	298	682	591	699	517	567	334	433	353	85	69	144	48	35.6
Meat cutters and butchers, except manufacturing	10 015	190	313	1 218	1 569	1 697	1 322	1 145	1 017	676	395	177	76	137	83	35.1
Meat cutters and butchers, manufacturing	5 559	46	219	759	694	719	777	935	731	331	140	117	55	20	16	37.2
Meat wrappers, retail trade	192	21	19	24	53	40	19	16	–	–	–	–	–	–	–	...
Metalworking operatives, except precision machine	51 295	331	1 363	7 427	8 386	8 382	6 938	6 656	4 977	3 344	1 933	834	307	254	163	34.9
Filers, polishers, sanders, and buffers	6 577	41	147	1 148	975	1 161	732	764	564	594	199	65	73	114	–	34.2
Furnacemen, smeltermen, and pourers	3 231	15	156	324	394	424	372	450	507	225	226	63	39	36	–	39.1
Heaters, metal	111	–	–	21	–	–	25	24	19	–	22	–	–	–	–	...
Metal platers	3 013	17	130	393	653	596	199	432	289	201	59	21	23	–	–	32.6
Punch and stamping press operatives	8 272	22	365	1 450	1 325	1 301	1 180	944	685	515	217	174	26	42	26	33.7
Riveters and fasteners	922	15	110	104	309	80	49	83	56	71	45	–	–	–	–	28.8
Solderers	1 180	22	–	213	183	207	205	69	127	109	–	45	–	–	–	34.2
Welders and flame-cutters	27 989	199	455	3 774	4 547	4 613	4 176	3 890	2 730	1 629	1 165	466	146	62	137	35.5
Milliners	36	–	–	–	20	–	–	–	–	–	16	–	–	–	–	...
Mine operatives, n.e.c	8 341	30	195	1 575	1 064	1 517	1 012	560	996	671	437	187	78	–	19	34.3
Coal mining	498	–	26	37	73	62	–	–	94	99	48	19	21	–	19	47.7
Crude petroleum and natural gas extractions	2 949	30	81	593	299	656	442	87	360	156	184	61	–	–	–	33.6
Mining and quarrying, except fuel	4 894	–	88	945	692	799	570	473	542	416	205	107	57	–	–	34.5
Mixing operatives	4 038	51	140	698	488	612	541	458	452	270	155	98	21	39	15	35.3
Oilers and greasers, except auto	1 864	22	89	132	180	256	211	240	308	212	86	96	–	32	–	40.9
Packers and wrappers, except meat and produce	20 739	783	1 693	4 027	3 018	2 344	2 267	2 038	1 594	1 127	807	350	143	387	161	31.8
Painters, manufactured articles	9 418	133	311	1 418	1 736	1 514	1 359	1 194	491	464	431	163	64	118	22	33.7
Photographic process workers	2 161	21	23	421	544	391	285	242	103	59	37	14	–	21	–	30.9
Precision machine operatives	14 248	44	590	1 981	2 658	2 471	1 877	1 584	1 362	971	354	171	89	37	59	33.7
Drill press operatives	2 649	–	167	470	529	442	272	379	146	114	59	–	32	21	18	31.8
Grinding machine operatives	4 713	44	254	615	814	710	697	463	456	445	137	78	–	–	–	34.4
Lathe and mixing machine operatives	4 673	–	86	678	840	866	675	510	437	281	139	66	38	16	41	34.2
Precision machine operatives, n.e.c	2 213	–	83	218	475	453	233	232	323	131	19	27	19	–	–	33.6
Sailors and deckhands	2 078	–	46	119	191	184	299	263	327	221	236	117	19	34	22	43.8
Sawyers	3 518	47	192	544	554	430	413	345	400	239	221	98	35	–	–	34.9
Sewers and stitchers	7 148	206	322	852	1 022	923	1 379	699	833	410	234	155	40	56	17	35.9
Shoemaking machine operatives	1 556	63	178	279	200	109	243	185	178	66	35	–	–	20	–	32.7
Stationary firemen	2 457	26	73	265	247	350	317	291	216	209	224	69	49	103	18	39.2
Textile operatives	6 063	136	303	870	997	971	694	921	291	276	367	71	71	95	–	33.7
Carding, lapping, and combing operatives	284	–	43	46	20	42	24	88	21	–	–	–	–	–	–	...
Knitters, loopers, and toppers	1 095	26	22	76	208	260	171	214	35	38	45	–	–	–	–	34.1
Spinners, twisters, and winders	678	63	32	125	17	61	132	101	22	20	23	–	25	57	–	36.6
Weavers	405	–	–	36	75	99	–	69	44	22	60	–	–	–	–	34.6
Textile operatives, n.e.c	3 601	47	206	587	677	509	367	449	169	196	239	71	46	38	–	32.8
Winding operatives, n.e.c	1 140	18	9	266	179	138	63	155	98	59	106	–	–	49	–	33.6
Miscellaneous and not specified operatives	118 061	1 737	5 347	17 572	19 175	18 191	14 439	13 478	11 283	7 446	5 388	2 004	1 009	633	359	34.2
Occupation:																
Machine operatives, miscellaneous specified	43 352	556	1 860	6 379	7 526	5 989	5 302	4 860	4 553	2 847	1 890	787	388	298	117	34.5
Machine operatives, not specified	34 402	259	1 351	4 569	5 940	6 191	4 081	4 418	3 117	2 122	1 489	394	298	105	68	34.1
Miscellaneous operatives	28 800	720	1 598	4 588	4 059	4 385	3 559	2 971	2 441	1 799	1 525	587	236	176	156	33.9
Not specified operatives	11 507	202	538	2 036	1 650	1 626	1 497	1 229	1 172	678	484	236	87	54	18	34.1

Table 42. Age of Employed Persons of Spanish Origin by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Male employed—Con.																
Operatives, except transport—Continued																
Miscellaneous and not specified operatives—Continued																
Industry:																
Manufacturing	98 091	1 249	4 249	14 811	16 337	15 410	12 222	11 198	9 160	5 988	4 134	1 751	811	531	240	34.0
Durable goods	56 798	665	2 304	8 727	9 321	9 323	7 207	6 532	5 491	3 327	2 081	1 064	424	227	105	34.0
Lumber and wood products, except furniture	2 192	18	145	300	329	343	285	203	226	132	79	65	–	46	21	34.4
Furniture and fixtures	3 020	34	183	435	275	585	309	396	331	231	85	95	41	20	–	35.0
Stone, clay, and glass products	4 633	77	148	827	716	812	500	485	515	293	174	63	–	23	–	33.4
Glass and glass products	1 475	–	85	189	440	180	223	85	105	51	53	41	–	23	–	30.7
Cement, concrete, gypsum, and plaster products	1 478	23	43	248	40	305	100	221	232	182	62	22	–	–	–	39.0
Other stone, clay, and glass products	1 680	54	20	390	236	327	177	179	178	60	59	–	–	–	–	32.1
Primary metal industries	10 346	53	266	1 113	1 402	1 645	1 249	1 560	1 408	826	363	376	47	38	–	37.8
Blast furnaces, steelworks, and rolling and finishing mills	3 115	–	92	212	291	384	408	617	562	251	144	129	25	–	–	41.4
Other primary iron and steel industries	2 623	–	116	278	410	389	405	305	364	190	97	69	–	–	–	36.5
Primary nonferrous industries	4 608	53	58	623	701	872	436	638	482	385	122	178	22	38	–	35.0
Fabricated metal industries, including not specified metal	9 287	54	369	1 400	1 778	1 510	1 201	922	946	487	350	86	42	100	42	33.5
Cutlery, hand tools, and other hardware	865	40	26	216	146	115	22	117	90	31	–	–	–	37	25	30.2
Fabricated structural metal products	2 219	14	194	224	478	450	360	63	172	153	96	–	15	–	–	32.2
Screw machine products, & metal stamping	1 257	–	54	221	235	219	67	136	77	111	71	66	–	–	–	32.7
Miscellaneous fabricated metal products and not specified metal	4 946	–	95	739	919	726	752	606	607	192	183	20	27	63	17	35.0
Machinery, except electrical	5 698	40	177	1 064	1 116	760	852	701	455	172	190	41	109	–	21	33.0
Farm machinery and equipment	290	–	–	99	39	31	37	39	–	–	45	–	–	–	–	...
Construction & material handling machines	741	–	16	220	86	69	236	25	49	–	18	–	22	–	–	33.5
Metalworking machinery	876	16	15	107	221	151	76	114	43	30	41	22	40	–	–	32.6
Office and accounting machines, and electronic computing equipment	446	–	19	110	63	23	41	130	17	23	20	–	–	–	–	36.0
Other machinery, except electrical	3 345	24	127	528	707	486	462	393	346	119	66	19	47	–	21	32.9
Electrical machinery, equipment, and supplies	6 264	72	314	1 063	1 078	936	793	681	617	238	309	81	61	–	21	33.2
Household appliances	711	13	51	146	65	200	63	60	23	31	39	20	–	–	–	32.0
Radio, T.V., and communication equipment	1 530	36	80	277	244	224	266	150	134	79	20	20	–	–	–	32.9
Electrical machinery, equipment, and supplies, n.e.c.	3 503	23	156	536	708	430	437	385	368	128	209	41	61	–	21	33.8
Not specified electrical machinery, equipment, and supplies	520	–	27	104	61	82	27	86	92	–	41	–	–	–	–	34.1
Transportation equipment	6 928	18	289	1 234	1 374	1 157	1 207	619	325	358	273	58	16	–	–	32.4
Motor vehicles & motor vehicle equipment	2 805	18	94	388	615	415	548	167	154	197	173	20	16	–	–	33.5
Aircraft and parts	2 504	–	78	514	405	528	426	302	109	62	80	–	–	–	–	32.4
Other transportation equipment	1 619	–	117	332	354	214	233	150	62	99	20	38	–	–	–	30.2
Professional and photographic equipment, and watches	1 195	31	–	306	186	210	55	151	76	70	56	34	20	–	–	31.8
Professional equipment and supplies	906	31	–	204	108	176	55	151	37	48	56	20	20	–	–	33.1
Ordnance	1 052	37	19	125	131	258	108	128	79	67	57	43	–	–	–	34.1
Miscellaneous manufacturing industries	5 974	208	394	801	936	1 088	606	666	513	428	124	122	88	–	–	33.0
Durable goods—allocated	209	23	–	59	–	19	42	20	–	25	21	–	–	–	–	...
Nondurable goods	39 479	569	1 851	5 768	6 729	5 855	4 782	4 474	3 479	2 532	2 035	600	387	283	135	34.1
Food and kindred products	11 339	145	482	1 338	1 577	1 657	1 562	1 360	1 224	817	747	241	108	60	21	36.5
Meat products	2 064	19	120	220	301	320	267	232	152	190	182	40	21	–	–	36.0
Dairy products	740	–	104	104	67	140	58	102	63	39	63	–	–	–	–	33.4
Canning and preserving fruits, vegetables, and seafoods	2 317	15	26	210	370	340	348	294	251	180	173	40	51	19	–	37.8
Bakery products	1 070	62	45	174	175	166	153	133	98	42	–	22	–	–	–	32.4
Beverage industries	769	29	64	129	70	103	154	59	75	45	19	22	–	–	–	34.5
Other food and kindred products	4 379	20	123	501	594	588	582	540	585	321	310	117	36	41	21	38.1

Table 42. **Age of Employed Persons of Spanish Origin by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Male employed—Con.																
Operatives, except transport—Continued																
Miscellaneous and not specified operatives—Continued																
Industry—Continued																
Manufacturing—Continued																
Nondurable goods—Continued																
Tobacco manufactures	628	–	–	83	50	54	19	113	18	66	36	19	19	89	62	44.8
Apparel and other fabricated textile products	2 746	83	206	396	402	518	334	315	265	76	69	–	61	21	–	32.8
Apparel and accessories	1 735	69	149	278	275	246	187	232	150	40	48	–	61	–	–	32.0
Miscellaneous fabricated textile products	1 011	14	57	118	127	272	147	83	115	36	21	–	–	21	–	33.5
Paper and allied products	6 769	51	336	946	1 597	977	727	800	444	345	370	98	23	55	–	32.3
Pulp, paper, and paperboard mills	1 573	–	71	246	389	221	201	107	61	115	92	46	–	24	–	31.8
Miscellaneous paper and pulp products	1 242	19	127	105	330	203	122	171	65	21	59	–	–	20	–	31.0
Paperboard containers and boxes	3 954	32	138	595	878	553	404	522	318	209	219	52	23	11	–	33.0
Printing, publishing, and allied industries	2 370	134	250	439	294	308	239	257	152	153	88	20	20	16	–	31.1
Printing, publishing, and allied industries, except newspapers	2 068	62	170	400	260	308	239	257	95	153	88	20	–	16	–	32.3
Chemicals and allied products	5 493	19	177	695	1 123	968	659	686	481	386	144	65	69	21	–	33.8
Industrial chemicals	1 298	–	–	135	258	269	210	166	139	36	61	–	24	–	–	34.8
Synthetic fibers	85	–	–	–	21	21	23	–	20	–	–	–	–	–	–	...
Soaps and cosmetics	499	–	20	128	45	63	60	65	40	14	–	23	20	21	–	34.5
Other chemicals and allied products	3 611	19	157	432	799	615	366	455	282	336	83	42	25	–	–	33.2
Petroleum and coal products	952	–	–	212	144	82	150	97	62	99	85	–	–	21	–	36.3
Rubber and miscellaneous plastic products	6 813	91	343	1 178	1 351	921	757	590	661	424	300	94	87	–	16	32.4
Rubber products	3 202	25	134	608	582	335	388	307	380	202	161	40	24	–	16	33.8
Miscellaneous plastic products	3 611	66	209	570	769	586	369	283	281	222	139	54	63	–	–	31.6
Leather and leather products	2 150	46	57	438	191	294	319	238	151	148	169	63	–	–	36	35.8
Tanned, curried, and finished leather	618	20	17	109	33	21	86	177	39	59	16	24	–	–	17	40.6
Footwear, except rubber	408	–	–	67	62	89	59	43	22	22	24	20	–	–	–	34.2
Leather products, except footwear	1 124	26	40	262	96	184	174	18	90	67	129	19	–	–	19	33.8
Nondurable goods—allocated	219	–	–	43	–	76	16	18	21	18	27	–	–	–	–	...
Not specified manufacturing industries	1 814	15	94	316	287	232	233	192	190	129	18	87	–	21	–	34.2
Nonmanufacturing industries	19 970	488	1 098	2 761	2 838	2 781	2 217	2 280	2 123	1 458	1 254	253	198	102	119	35.0
Construction	2 304	–	48	365	402	251	305	358	168	137	206	22	21	–	21	36.4
Railroads and railway express service	1 129	–	–	–	58	106	139	199	349	154	43	61	20	–	–	45.9
Transportation, except railroads	1 199	–	41	90	243	206	158	109	142	165	22	23	–	–	–	35.6
Communications, and utilities and sanitary services	1 299	–	73	164	252	259	164	77	203	45	–	–	62	–	–	33.1
Wholesale trade	4 842	147	152	715	688	732	465	573	575	340	350	23	21	18	43	34.9
Retail trade	2 551	104	309	551	287	319	292	188	172	129	130	–	38	14	18	30.4
Business and repair services	2 559	152	228	458	334	316	281	312	124	98	183	40	15	–	18	31.7
Public administration	1 506	–	44	108	280	224	135	303	181	134	–	61	21	15	–	38.6
All other industries[1]	2 581	85	203	310	294	368	278	161	209	256	320	23	–	55	19	35.5
Operatives, except transport—allocated	14 204	734	1 173	2 387	1 787	1 534	1 489	1 494	1 017	1 027	633	236	217	296	180	33.3
Transport equipment operatives	**126 219**	**1 718**	**4 291**	**16 884**	**19 484**	**18 836**	**17 728**	**16 211**	**12 051**	**8 413**	**5 620**	**2 257**	**942**	**994**	**790**	**35.5**
Boatmen and canalmen	253	25	–	41	–	20	42	20	21	–	–	84	–	–	–	...
Bus drivers	6 159	68	48	391	652	1 128	784	1 044	678	605	440	63	106	79	73	40.0
Conductors and motormen, urban rail transit	499	–	–	17	47	57	171	89	51	51	16	–	–	–	–	38.8
Deliverymen and routemen	27 512	934	1 629	5 361	4 799	3 853	3 318	2 471	1 958	1 388	882	378	125	242	174	31.3
Fork lift and tow motor operatives	13 045	41	640	2 213	2 137	1 988	1 682	1 715	1 150	849	347	163	101	19	–	33.8
Motormen; mine, factory, logging camp, etc	485	–	37	24	40	41	119	102	39	22	39	22	–	–	–	39.2
Parking attendants	2 228	91	123	323	342	314	242	136	142	98	128	61	23	83	122	33.7
Railroad brakemen	552	–	16	82	123	95	75	43	63	55	–	–	–	–	–	32.9
Railroad switchmen	1 376	–	84	98	361	79	275	181	70	111	59	38	20	–	–	36.2
Taxicab drivers and chauffeurs	8 694	11	198	863	1 410	1 195	1 307	972	1 105	588	476	240	126	109	94	37.6
Truck drivers	59 272	313	1 221	6 306	8 846	9 378	8 880	8 772	6 377	4 300	2 980	970	336	391	202	37.0
Trucking service	17 388	19	230	1 286	2 597	3 002	2 694	2 943	1 825	1 319	919	326	61	79	88	37.9
Transport equipment operatives—allocated	6 144	235	295	1 165	727	688	833	666	397	346	253	238	105	71	125	34.7

[1]Includes transportation, communications, and other public utilities—allocated.

Table 42. Age of Employed Persons of Spanish Origin by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Male employed—Con.																
Laborers, except farm	**194 510**	**10 745**	**13 399**	**28 191**	**24 133**	**21 200**	**20 992**	**21 118**	**16 987**	**13 090**	**10 357**	**5 476**	**3 137**	**3 760**	**1 925**	**34.9**
Animal caretakers, except farm	1 383	70	41	201	137	207	180	159	75	123	63	69	58	–	–	36.0
Carpenters' helpers	3 568	142	262	483	510	358	434	402	338	298	147	63	64	67	–	35.3
Construction laborers, except carpenters' helpers	41 341	605	1 750	5 087	5 485	5 201	5 373	6 103	3 985	3 105	2 220	942	538	736	211	37.4
Fishermen and oystermen	982	–	–	171	179	112	138	91	40	46	62	40	44	25	34	36.1
Freight and material handlers	24 771	536	1 246	4 512	3 690	3 110	2 893	2 964	2 498	1 370	1 046	529	158	204	15	33.9
Garbage collectors	4 874	110	250	658	753	743	602	496	541	374	169	138	20	–	20	34.5
Gardeners and groundskeepers, except farm	23 954	1 246	863	2 317	2 137	2 395	2 329	2 327	2 228	1 920	2 007	1 321	764	1 237	863	41.5
Longshoremen and stevedores	3 738	27	65	181	381	304	446	619	748	442	340	56	50	58	21	43.8
Lumbermen, raftsmen, and woodchoppers	880	40	62	107	171	136	115	89	29	52	79	–	–	–	–	32.2
Stock handlers	22 504	5 019	4 129	4 314	2 493	1 718	1 332	1 052	880	658	440	160	95	83	131	22.4
Teamsters	133	–	–	31	–	–	27	66	–	–	9	–	–	–	–	...
Vehicle washers and equipment cleaners	7 771	780	538	1 339	850	884	943	835	506	282	440	131	156	87	–	32.1
Warehousemen, n.e.c	7 680	39	366	1 297	968	1 146	840	931	615	712	464	98	105	39	60	35.1
Miscellaneous and not specified laborers	40 161	1 231	2 421	5 647	5 066	3 937	4 416	4 063	3 854	3 057	2 440	1 675	891	1 031	432	37.0
Occupation:																
Miscellaneous laborers	12 911	289	631	1 620	1 480	1 347	1 262	1 607	1 150	1 035	1 011	663	321	349	146	39.3
Not specified laborers	27 250	942	1 790	4 027	3 586	2 590	3 154	2 456	2 704	2 022	1 429	1 012	570	682	286	36.1
Industry:																
Manufacturing	19 369	499	1 269	3 115	3 118	2 003	1 832	2 175	1 869	1 331	987	518	235	302	116	34.2
Durable goods	12 619	311	753	1 935	1 856	1 347	1 209	1 582	1 268	913	678	388	151	195	33	35.4
Lumber and wood products, except furniture	847	–	77	131	100	97	38	175	41	64	15	109	–	–	–	37.4
Furniture and fixtures	480	45	21	44	27	88	20	19	125	52	22	17	–	–	–	38.8
Stone, clay, and glass products	1 198	39	65	240	205	95	118	100	145	95	57	24	–	15	–	32.6
Cement, concrete, gypsum, and plaster products	694	–	65	139	83	35	93	61	84	54	41	24	–	15	–	36.3
Structural clay products	153	–	–	–	73	19	–	39	22	–	–	–	–	–	–	...
Other stone, clay, and glass products	351	39	–	101	49	41	25	–	39	41	16	–	–	–	–	...
Primary metal industries	5 364	44	335	652	706	413	524	834	618	478	354	199	112	73	22	40.0
Blast furnaces, steel works, and rolling and finishing mills	3 029	44	201	295	366	170	289	520	289	369	231	108	88	37	22	41.4
Other primary iron and steel industries	1 481	–	119	262	220	140	196	230	103	21	101	46	24	19	–	35.0
Primary nonferrous industries	854	–	15	95	120	103	39	84	226	88	22	45	–	17	–	43.3
Fabricated metal industries, including not specified metal	1 445	59	56	317	201	250	259	145	15	88	–	–	39	16	–	31.8
Fabricated structural metal products	554	–	17	105	120	125	118	–	–	30	–	–	39	–	–	31.4
Machinery, except electrical	736	19	25	163	146	66	61	63	146	–	–	–	–	47	–	31.1
Electrical machinery, equipment, and supplies	658	45	22	110	155	100	47	95	–	41	43	–	–	–	–	29.9
Transportation equipment	1 151	37	127	62	217	155	105	86	135	77	119	–	–	20	11	34.3
Motor vehicles & motor vehicle equipment	475	17	34	42	89	37	58	47	55	54	42	–	–	–	–	36.6
Ship and boat building and repairing	280	–	21	20	63	17	47	20	31	–	41	–	–	20	–	...
Other transportation equipment	396	20	72	–	65	101	–	19	49	23	36	–	–	–	11	...
Professional and photographic equipment, and watches	54	–	–	54	–	–	–	–	–	–	–	–	–	–	–	...
Ordnance	122	–	–	20	17	18	–	22	21	–	–	–	–	24	–	...
Miscellaneous manufacturing industries	488	23	25	129	82	45	37	–	22	18	68	39	–	–	–	29.1
Manufacturing, durable goods—allocated	76	–	–	13	–	20	–	43	–	–	–	–	–	–	–	...
Nondurable goods	6 435	188	494	1 099	1 220	633	562	593	582	392	268	130	84	107	83	31.7
Food and kindred products	3 291	102	265	516	636	311	302	307	300	207	96	85	84	40	40	32.0
Meat products	810	83	25	116	136	100	38	130	142	–	–	21	–	19	–	32.3
Dairy products	145	–	–	42	–	18	22	–	–	23	18	22	–	–	–	...
Canning and preserving fruits, vegetables, and seafoods	984	–	109	199	169	44	125	73	66	115	19	21	44	–	–	31.7
Grain-mill products	219	–	15	54	19	–	69	17	–	–	–	–	24	21	–	...
Beverage industries	488	19	95	62	96	68	21	45	39	–	22	–	–	–	21	28.5
Other food and kindred products	645	–	21	43	216	81	27	42	53	69	37	21	16	–	19	32.6

Table 42. **Age of Employed Persons of Spanish Origin by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Male employed—Con.																
Laborers, except farm—Continued																
Miscellaneous and not specified laborers—Continued																
Industry—Continued																
Manufacturing—Continued																
Nondurable goods—Continued																
Tobacco manufactures	20	–	–	–	–	–	–	–	20	–	–	–	–	–	–	...
Textile mill products	310	–	–	63	70	42	20	45	–	24	46	–	–	–	–	...
Yarn, thread, and fabric mills	150	–	–	44	19	20	–	21	–	–	46	–	–	–	–	...
Other textile mill products	160	–	–	19	51	22	20	24	–	24	–	–	–	–	–	...
Apparel and other fabricated textile products	187	–	23	34	68	–	29	–	17	–	16	–	–	–	–	...
Paper and allied products	541	–	74	116	168	19	21	44	48	14	14	23	–	–	–	27.4
Pulp, paper, and paperboard mills	155	–	20	24	24	–	21	22	21	–	–	23	–	–	–	...
Other paper and allied products	386	–	54	92	144	19	–	22	27	14	14	–	–	–	–	...
Printing, publishing, and allied industries	210	–	–	75	40	17	–	15	23	20	20	–	–	–	–	...
Chemicals and allied products	704	25	63	136	45	102	61	105	38	84	21	–	–	–	24	34.1
Petroleum and coal products	237	–	29	17	58	23	48	–	19	43	–	–	–	–	–	...
Rubber and miscellaneous plastic products	417	–	–	99	53	72	60	55	59	–	19	–	–	–	–	33.9
Leather and leather products	326	40	20	21	64	23	21	–	58	–	14	22	–	43	–	...
Nondurable goods—allocated	192	21	20	22	18	24	–	22	–	–	22	–	–	24	19	...
Not specified manufacturing industries	315	–	22	81	42	23	61	–	19	26	41	–	–	–	–	...
Nonmanufacturing industries	20 792	732	1 152	2 532	1 948	1 934	2 584	1 888	1 985	1 726	1 453	1 157	656	729	316	39.1
Railroads and railway express service	4 845	42	176	434	236	326	575	507	563	564	453	402	305	198	64	46.1
Transportation, except railroads	1 094	–	53	143	167	109	146	78	184	99	46	22	47	–	–	37.6
Comm., and utilities and sanitary services	2 348	48	36	271	311	223	245	227	314	253	156	110	73	51	30	40.9
Transportation, communications, and other public utilities—allocated	84	–	–	21	37	–	–	–	26	–	–	–	–	–	–	...
Wholesale trade	3 193	132	226	433	312	290	430	240	232	214	317	170	20	121	56	37.4
Retail trade	2 256	165	295	406	300	204	218	147	145	90	60	61	31	62	72	29.4
Business and repair services	1 211	42	25	137	134	230	241	112	117	89	–	57	–	27	–	35.8
Personal services	1 222	81	83	206	99	107	111	87	52	18	39	79	61	148	51	36.6
Private households	779	81	83	72	63	107	68	47	–	18	22	36	61	83	38	34.2
Public administration	1 038	21	71	80	24	132	242	96	60	120	76	44	44	28	–	38.9
All other industries	3 501	201	187	401	328	313	376	394	292	279	306	212	75	94	43	39.3
Laborers, except farm—allocated	10 770	900	1 406	1 846	1 313	949	924	921	650	651	431	254	194	193	138	29.7
Farmers and farm managers	**14 713**	**230**	**235**	**607**	**1 046**	**1 093**	**1 235**	**1 356**	**1 893**	**1 936**	**1 793**	**830**	**589**	**1 002**	**868**	**49.1**
Farmers, owners and tenants	12 523	202	235	405	738	882	996	1 099	1 637	1 729	1 424	812	589	950	825	50.2
Farm managers	1 039	–	–	44	123	59	197	167	131	118	177	–	–	–	23	42.9
Farmers and farm managers—allocated	1 151	28	–	158	185	152	42	90	125	89	192	18	–	52	20	40.6
Farm laborers and farm foremen	**97 791**	**4 491**	**5 596**	**12 342**	**10 105**	**9 664**	**10 490**	**12 056**	**9 695**	**6 821**	**5 961**	**3 524**	**2 250**	**3 251**	**1 545**	**38.2**
Farm foremen	3 527	25	25	51	354	338	548	823	364	393	201	202	119	84	–	42.6
Farm laborers, wage workers	90 502	3 975	5 209	11 781	9 290	8 859	9 689	11 017	9 140	6 235	5 632	3 221	2 071	2 909	1 474	38.2
Farm laborers, unpaid family workers	720	237	138	86	72	32	–	19	21	25	17	–	19	54	–	19.8
Farm service laborers, self-employed	160	–	–	–	47	–	56	–	14	–	23	–	–	20	–	...
Farm laborers and farm foremen—allocated	2 882	254	224	424	342	435	197	197	156	168	88	101	41	184	71	32.3
Service workers, except private household	**220 998**	**13 852**	**12 395**	**24 171**	**26 628**	**25 284**	**24 110**	**22 671**	**20 058**	**16 713**	**15 219**	**7 898**	**3 787**	**5 156**	**3 056**	**36.7**
Cleaning service workers	81 449	4 190	3 983	8 604	7 336	8 011	7 813	8 621	8 285	7 983	7 367	3 594	2 029	2 344	1 289	40.5
Chambermaids and maids, except private household	1 001	24	38	197	109	41	22	45	198	165	62	19	24	35	22	45.6
Cleaners and charwomen	16 451	856	912	1 794	1 603	2 097	1 526	1 961	1 335	1 196	1 299	542	520	561	249	38.2
Janitors and sextons	63 997	3 310	3 033	6 613	5 624	5 873	6 265	6 615	6 752	6 622	6 006	3 033	1 485	1 748	1 018	41.0
Food service workers	76 628	7 728	5 764	8 081	9 342	9 153	7 976	7 681	6 115	5 162	4 197	2 326	879	1 532	692	34.0
Bartenders	6 000	–	21	452	888	1 063	856	789	364	591	334	259	162	126	95	38.4
Busboys	9 641	1 667	1 307	1 270	1 161	790	950	689	721	559	298	112	21	56	40	27.5
Cooks, except private household	25 077	1 820	1 517	2 351	3 110	3 500	2 767	2 980	2 315	1 752	1 505	645	150	428	237	35.4
Dishwashers	11 508	2 340	1 113	1 465	1 190	680	609	796	698	596	800	550	184	388	99	28.5
Food counter and fountain workers	2 785	477	345	167	434	347	276	174	209	210	62	48	18	18	–	29.6

Table 42. Age of Employed Persons of Spanish Origin by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

United States

	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Male employed—Con.																
Service workers, except private household—Con.																
Food service workers—Continued	12 034	490	530	1 187	1 621	1 769	1 756	1 402	1 076	745	537	415	144	252	110	36.2
Waiters	9 583	934	931	1 189	938	1 004	762	851	732	709	661	297	200	264	111	34.0
Food service workers, n.e.c., except private household	7 592	196	696	1 607	1 374	737	742	564	667	447	351	89	90	17	15	29.7
Health service workers	132	–	–	49	–	25	–	22	17	–	19	–	–	–	–	...
Dental assistants	1 410	55	196	228	244	127	186	42	75	134	77	24	22	–	–	29.6
Health aides, except nursing	37	–	–	20	–	–	–	17	–	–	–	–	–	–	–	...
Health trainees	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lay midwives	5 655	123	483	1 293	986	566	534	433	549	313	227	65	68	–	15	29.7
Nursing aides, orderlies, and attendants	358	18	17	17	144	19	22	50	26	–	28	–	–	17	–	...
Practical nurses	23 701	827	740	2 111	2 993	2 963	3 531	2 582	2 435	1 442	1 641	925	402	628	481	38.1
Personal service workers	64	–	–	–	45	–	–	–	–	19	–	–	–	–	–	...
Airline stewardesses	1 626	251	260	204	154	190	118	137	125	–	20	34	20	78	35	28.2
Attendants, recreation and amusement	1 102	81	22	85	102	120	191	60	123	141	59	36	–	82	–	38.7
Attendants, personal service, n.e.c	1 657	144	47	228	137	127	245	170	197	213	65	64	–	–	20	38.0
Baggage porters and bellhops	9 562	–	41	612	1 204	1 439	1 706	1 282	1 088	535	745	360	135	180	235	39.4
Barbers	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Boarding and lodging house keepers	251	47	15	51	–	–	–	–	23	–	22	26	–	50	17	...
Bootblacks	167	22	45	–	60	–	–	–	–	–	–	18	–	22	–	...
Child care workers, except private household	3 454	–	103	167	301	335	449	419	291	275	417	236	137	216	108	44.4
Elevator operators	2 938	–	36	407	659	543	475	309	181	60	129	72	22	–	45	33.4
Hairdressers and cosmetologists	39	–	–	15	–	–	–	–	–	–	–	24	–	–	–	...
Personal service apprentices	1 785	15	26	129	159	131	299	160	341	153	184	79	88	–	21	44.2
Housekeepers, except private household	171	39	19	46	–	21	–	25	21	–	–	–	–	–	–	...
School monitors	392	213	63	54	40	22	–	–	–	–	–	–	–	–	–	...
Ushers, recreation and amusement	532	15	63	128	132	35	48	20	45	46	–	–	–	–	–	27.3
Welfare service aides	21 465	203	235	2 434	4 258	3 207	2 902	2 481	1 711	1 238	1 001	688	368	395	344	35.7
Protective service workers	436	21	22	23	–	58	64	68	35	–	29	–	22	58	36	42.2
Crossing guards and bridge tenders	3 934	24	18	307	842	807	758	481	303	228	124	25	–	17	–	34.8
Firemen, fire protection	7 908	79	172	717	910	808	799	902	767	726	644	583	288	260	253	42.6
Guards and watchmen	209	–	–	19	17	44	23	66	20	–	–	–	20	–	–	...
Marshals and constables	8 194	79	23	1 324	2 300	1 414	1 181	794	477	242	204	57	21	60	18	31.3
Policemen and detectives	7 753	21	–	1 293	2 210	1 352	1 165	738	444	204	204	23	21	60	18	31.3
Public	441	58	23	31	90	62	16	56	33	38	–	34	–	–	–	31.5
Private	784	–	–	44	189	76	77	170	109	42	–	23	17	–	37	40.2
Sheriffs and bailiffs	10 163	708	977	1 334	1 325	1 213	1 146	742	845	441	662	276	19	240	235	33.0
Service workers, except private household—allocated	**1 634**	**40**	**78**	**216**	**55**	**205**	**287**	**62**	**314**	**131**	**40**	**22**	**33**	**36**	**115**	**38.9**
Private household workers																
Occupation:	203	–	24	21	–	75	43	21	19	–	–	–	–	–	–	...
Child care workers, private household	121	–	–	33	–	46	22	–	–	20	–	–	–	–	–	...
Cooks, private household	140	–	–	23	–	43	36	–	20	–	–	–	–	–	18	...
Housekeepers, private household	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Laundresses, private household	1 129	40	54	139	55	41	186	20	275	111	40	22	33	36	77	45.5
Maids and servants, private household	41	–	–	–	–	–	–	21	–	–	–	–	–	–	20	...
Private household workers—allocated	280	–	–	47	20	116	15	–	25	20	19	–	–	–	18	...
Living arrangement:	56	–	–	23	–	–	15	–	–	–	–	–	–	–	18	...
Living in	149	–	–	24	20	41	–	–	25	20	19	–	–	–	–	...
Housekeepers, private household	1 354	40	78	169	35	89	272	62	289	111	21	22	33	36	97	39.9
Maids and servants, private household																
Living out																

Table 42. **Age of Employed Persons of Spanish Origin by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Female employed	**1 019 234**	**29 223**	**67 252**	**180 530**	**134 116**	**122 796**	**122 612**	**114 815**	**94 343**	**65 043**	**46 643**	**17 219**	**8 365**	**9 041**	**7 236**	**34.0**
Professional, technical, and kindred workers	**82 328**	**434**	**2 073**	**13 571**	**13 848**	**12 163**	**11 519**	**9 666**	**7 318**	**4 933**	**3 317**	**1 329**	**774**	**626**	**757**	**34.6**
Accountants	3 272	18	184	682	479	422	406	331	312	193	136	26	25	39	19	33.2
Architects	103	–	–	–	–	15	67	–	21	–	–	–	–	–	–	...
Computer specialists	715	28	19	249	134	82	69	73	–	–	–	–	–	17	44	27.3
Computer programers	430	28	19	139	108	45	45	24	–	–	–	–	–	–	22	26.3
Computer systems analysts	238	–	–	87	26	37	24	25	–	–	–	–	–	17	22	...
Computer specialists, n.e.c	47	–	–	23	–	–	–	24	–	–	–	–	–	–	–	...
Engineers	276	–	22	64	77	–	72	–	–	20	–	–	–	–	21	...
Aeronautical and astronautical	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Chemical	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Civil	43	–	–	43	–	–	–	–	–	–	–	–	–	–	–	...
Electrical and electronic	121	–	22	–	20	–	38	–	–	20	–	–	–	–	21	...
Industrial	97	–	–	21	57	–	19	–	–	–	–	–	–	–	–	...
Mechanical	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Metallurgical and materials	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mining	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Petroleum	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Sales	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Engineers, n.e.c	15	–	–	–	–	–	15	–	–	–	–	–	–	–	–	...
Farm management advisors	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Foresters and conservationists	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Home management advisors	37	–	–	–	–	37	–	–	–	–	–	–	–	–	–	...
Lawyers and judges	96	–	–	–	22	–	–	53	21	–	–	–	–	–	–	...
Judges	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lawyers	96	–	–	–	22	–	–	53	21	–	–	–	–	–	–	...
Librarians, archivists, and curators	1 376	–	206	213	137	159	227	267	108	–	21	17	21	–	–	34.2
Librarians	1 376	–	206	213	137	159	227	267	108	–	21	17	21	–	–	34.2
Archivists and curators	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mathematical specialists	145	–	–	72	–	53	20	–	–	–	–	–	–	–	–	...
Actuaries	35	–	–	22	–	13	–	–	–	–	–	–	–	–	–	...
Mathematicians	26	–	–	26	–	–	–	–	–	–	–	–	–	–	–	...
Statisticians	84	–	–	24	–	40	20	–	–	–	–	–	–	–	–	...
Life and physical scientists	418	–	–	61	70	80	92	72	–	20	23	–	–	–	–	34.9
Agricultural	20	–	–	–	–	–	–	–	–	20	–	–	–	–	–	...
Atmospheric and space	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Biological	129	–	–	23	–	40	–	51	–	–	15	–	–	–	–	...
Chemists	250	–	–	38	51	40	92	21	–	–	8	–	–	–	–	...
Geologists	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Marine	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Physicists and astronomers	19	–	–	–	19	–	–	–	–	–	–	–	–	–	–	...
Life and physical, n.e.c	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Operations and systems researchers and analysts	183	–	–	14	19	15	46	66	23	–	–	–	–	–	–	...
Personnel and labor relations workers	2 179	–	–	414	410	264	195	510	137	110	42	73	24	–	–	35.0
Physicians, dentists, and related practitioners	1 432	–	–	121	188	290	135	179	212	116	67	62	39	–	23	39.3
Chiropractors	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dentists	50	–	–	–	–	–	–	18	19	–	13	–	–	–	–	...
Optometrists	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pharmacists	357	–	–	22	86	–	68	22	66	24	–	62	–	–	7	...
Physicians, medical and osteopathic	1 025	–	–	99	102	290	67	139	127	92	54	–	39	–	16	36.6
Podiatrists	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Veterinarians	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Health practitioners, n.e.c	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	17 618	16	175	2 762	2 395	2 541	2 827	2 106	1 789	1 273	1 004	229	251	134	116	36.6
Dietitians	1 050	–	–	69	142	223	185	116	38	115	81	51	–	30	–	37.5
Registered nurses	15 766	–	175	2 519	2 061	2 218	2 479	1 948	1 706	1 088	923	178	251	104	116	36.8
Therapists	802	16	–	174	192	100	163	42	45	70	–	–	–	–	–	31.0

Table 42. **Age of Employed Persons of Spanish Origin by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Female employed—Con.																
Professional, technical, and kindred workers—Con.																
Health technologists and technicians	4 874	–	107	1 119	1 039	694	774	513	286	135	132	16	37	–	22	31.2
Clinical laboratory technologists and technicians	2 804	–	75	655	618	424	413	354	104	86	35	–	18	–	22	30.6
Dental hygienists	142	–	–	21	36	43	24	–	18	–	–	–	–	–	–	…
Health record technologists and technicians	167	–	–	..	80	25	43	–	..	–	–	–	19	–	–	…
Radiologic technologists and technicians	717	–	32	215	128	63	152	65	23	..	39	–	–	–	–	29.4
Therapy assistants	78	–	..	–	–	–	–	16	22	..	24	16	–	–	–	…
Health technologists and technicians, n.e.c	966	–	–	228	177	139	142	78	119	49	34	–	–	–	–	32.8
Religious workers	592	–	–	17	64	82	103	153	27	66	48	19	13	–	–	41.0
Clergymen	93	–	–	–	–	–	–	19	12	23	26	–	13	–	–	…
Religious workers, n.e.c	499	–	–	17	64	82	103	134	15	43	22	19	–	–	–	39.2
Social scientists	361	–	–	62	89	39	20	41	69	18	–	–	23	–	–	…
Economists	187	–	–	18	51	20	–	19	38	18	–	–	23	–	–	…
Political scientists	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Psychologists	133	–	–	23	38	19	–	22	31	–	–	–	–	–	–	…
Sociologists	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Urban and regional planners	41	–	–	21	–	–	20	–	–	–	–	–	–	–	–	…
Social scientists, n.e.c	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Social and recreation workers	4 610	68	200	646	795	653	633	715	450	236	102	94	–	–	18	34.6
Social	3 955	43	135	519	672	595	499	653	389	236	102	94	–	–	18	35.1
Recreation	655	25	65	127	123	58	134	62	61	–	–	–	–	–	–	29.5
Teachers, college and university	2 639	22	190	371	411	324	377	265	235	148	134	73	16	22	51	35.0
Agriculture	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Atmospheric, earth, marine, and space	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Biology	22	–	–	–	–	22	–	–	–	–	–	–	–	–	–	…
Chemistry	22	–	–	–	22	–	–	–	–	–	–	–	–	–	–	…
Physics	19	–	–	–	19	–	–	–	–	–	–	–	–	–	–	…
Engineering	36	–	–	17	–	–	–	–	19	–	–	–	–	–	–	…
Mathematics	34	–	14	–	–	–	–	20	–	–	–	–	–	–	–	…
Health specialties	221	–	–	34	19	55	64	20	11	–	–	18	–	–	–	…
Psychology	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Business and commerce	44	–	–	19	–	–	–	25	–	–	–	–	–	–	–	…
Economics	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
History	33	–	–	..	–	–	–	17	16	–	–	–	–	–	–	…
Sociology	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Social science teachers, n.e.c	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Art, drama, and music	46	–	–	–	–	–	19	27	–	–	–	–	–	–	–	…
Coaches and physical education	72	–	16	–	17	39	–	–	–	–	–	–	–	–	–	…
Education	25	–	–	–	–	–	–	–	–	25	–	–	–	–	26	…
English	206	–	–	86	–	19	53	–	22	–	–	–	–	–	–	…
Foreign language	980	–	52	98	182	155	87	101	121	13	114	35	–	22	–	35.2
Home economics	80	–	44	–	–	14	22	–	–	–	–	–	–	–	–	…
Law	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Theology	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Trade, industrial, and technical	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Miscellaneous teachers, college and university	80	–	–	17	19	–	–	–	–	44	–	–	–	–	–	…
Teachers, college and university, subject not specified	719	22	64	100	133	20	132	55	46	66	20	20	16	–	25	35.8
Teachers, except college and university	28 075	187	304	4 531	5 193	4 488	3 802	3 029	2 350	1 901	1 179	521	154	254	182	34.3
Adult education	761	–	20	104	82	233	105	49	61	80	27	–	–	–	–	33.7
Elementary school	15 988	77	147	2 644	3 028	2 487	2 404	1 860	1 132	837	655	410	100	111	96	34.2
Public	12 551	43	125	1 888	2 398	2 110	1 733	1 515	823	694	573	385	93	111	60	34.3
Private	3 437	34	22	756	630	377	671	345	309	143	82	25	7	–	36	33.7
Prekindergarten and kindergarten	2 901	–	45	409	422	662	332	330	272	279	134	16	–	–	–	34.3
Public	1 607	–	21	228	272	411	165	147	188	102	73	–	–	–	–	33.4
Private	1 294	–	24	181	150	251	167	183	84	177	61	16	–	–	–	36.2

Table 42. **Age of Employed Persons of Spanish Origin by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Female employed—Con.																
Professional, technical, and kindred workers—Con.																
Teachers, except college and university—Continued																
Secondary school	7 111	66	46	1 218	1 540	967	699	684	731	567	309	95	17	106	66	33.5
Public	5 135	66	25	1 029	1 170	658	491	419	521	455	163	74	17	24	23	32.1
Private	1 976	-	21	189	370	309	208	265	210	112	146	21	-	82	43	37.4
Teachers, except college and university, n.e.c	1 314	44	46	156	121	139	262	106	154	138	54	-	37	37	20	37.9
Engineering and science technicians	2 238	-	61	349	362	419	396	243	234	76	20	-	-	42	36	34.1
Agriculture and biological, except health	139	-	-	-	-	-	37	24	14	41	-	-	-	23	-	...
Chemical	214	-	-	40	39	17	77	21	-	-	20	-	-	-	-	...
Draftsmen	745	-	43	119	200	117	106	43	77	-	-	-	-	19	21	30.4
Electrical and electronic engineering	256	-	-	-	18	72	44	58	64	-	-	-	-	-	-	...
Industrial engineering	94	-	-	-	32	62	-	-	-	-	-	-	-	-	-	...
Mechanical engineering	20	-	-	-	-	-	-	-	20	-	-	-	-	-	-	...
Mathematical	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Surveyors	35	-	-	-	-	20	-	-	-	-	-	-	-	-	15	...
Engineering and science, n.e.c	735	-	18	190	73	131	132	97	59	35	-	-	-	-	-	33.3
Technicians, except health, and engineering and science	326	-	-	127	81	87	-	-	15	16	-	-	-	-	-	...
Airplane pilots	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Air traffic controllers	17	-	-	-	-	17	-	-	-	-	-	-	-	-	-	...
Embalmers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flight engineers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Radio operators	133	-	-	79	21	17	-	-	-	16	-	-	-	-	-	...
Tool programers, numerical control	17	-	-	-	-	17	-	-	-	-	-	-	-	-	-	...
Technicians, n.e.c	159	-	-	48	60	36	-	-	15	-	-	-	-	-	-	...
Vocational and educational counselors	678	-	99	142	81	104	120	54	40	14	24	-	-	-	-	30.8
Writers, artists, and entertainers	4 856	33	254	770	810	713	477	678	434	188	103	135	59	118	84	33.9
Actors	109	-	-	23	48	-	-	18	20	-	-	-	-	-	-	...
Athletes and kindred workers	258	-	39	61	81	24	-	25	28	-	-	-	-	-	-	...
Authors	41	-	-	-	-	22	-	-	-	-	-	-	-	19	-	...
Dancers	287	19	20	66	121	21	40	-	-	-	-	-	-	-	-	...
Designers	904	-	21	141	115	165	119	156	89	61	14	23	-	-	-	35.4
Editors and reporters	506	-	22	122	57	112	-	22	47	-	19	19	-	20	66	32.3
Musicians and composers	326	14	28	33	66	40	57	-	24	27	14	23	-	-	-	...
Painters and sculptors	655	-	22	76	118	79	128	168	42	22	-	-	-	-	-	36.3
Photographers	256	-	21	73	36	27	43	17	-	20	-	-	19	-	-	...
Public relations men and publicity writers	444	-	-	60	68	63	53	114	24	18	-	24	-	20	-	37.9
Radio and television announcers	61	-	-	-	-	41	-	-	-	-	20	-	-	-	-	...
Writers, artists, and entertainers, n.e.c	1 009	-	81	115	100	119	37	158	160	40	36	46	40	59	18	41.7
Research workers, not specified	387	-	45	59	146	13	20	8	80	-	-	-	-	-	16	...
Professional, technical, and kindred workers—allocated	4 842	62	207	726	846	589	641	310	475	403	282	64	112	-	125	34.9
Managers and administrators, except farm	**21 475**	**103**	**351**	**1 817**	**2 122**	**2 309**	**2 545**	**3 003**	**3 349**	**2 427**	**1 560**	**695**	**427**	**409**	**358**	**42.5**
Assessors, controllers, and treasurers; local public administration	99	-	19	18	21	-	-	-	41	-	-	-	-	-	-	...
Bank officers and financial managers	1 173	-	17	204	165	112	264	153	152	39	21	23	-	-	23	36.7
Buyers and shippers, farm products	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buyers, wholesale and retail trade	1 011	-	22	96	76	41	108	109	222	107	124	41	41	-	24	46.2
Credit men	420	-	-	163	-	63	78	40	-	40	13	23	-	-	-	33.7
Funeral directors	51	-	-	-	-	17	-	-	-	-	34	-	-	-	-	...
Health administrators	598	-	-	-	148	96	43	79	63	63	42	22	23	19	-	40.8
Construction inspectors, public administration	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inspectors, except construction; public administration	203	-	-	-	40	-	41	23	23	17	39	20	-	-	-	...
Federal public administration and postal service	183	-	-	-	40	-	41	23	23	17	39	-	-	-	-	...
State public administration	20	-	-	-	-	-	-	-	-	-	-	20	-	-	-	...
Local public administration	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Managers and superintendents, building	673	17	18	67	98	23	71	102	62	37	63	57	-	17	41	42.1
Office managers, n.e.c	1 424	23	20	129	176	205	138	304	210	169	50	-	-	-	-	40.3
Officers, pilots, and pursers, ship	10	-	-	-	10	-	-	-	-	-	-	-	-	-	-	...

Table 42. Age of Employed Persons of Spanish Origin by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Female employed—Con.																
Managers and administrators, except farm—Con.																
Officials and administrators, public administration, n.e.c	1 296	–	26	91	159	134	190	102	282	118	107	19	18	50	–	42.4
Federal public administration and postal service	646	–	–	28	116	110	53	102	102	55	50	–	–	30	–	40.8
State public administration	96	–	–	–	–	24	23	–	49	–	–	–	–	–	–	...
Local public administration	554	–	26	63	43	–	114	–	131	63	57	19	18	20	–	46.2
Officials of lodges, societies, and unions	184	–	–	51	–	35	–	48	30	–	–	20	–	–	–	...
Postmasters and mail superintendents	109	–	23	–	–	–	–	–	42	–	23	21	–	–	–	...
Purchasing agents and buyers, n.e.c	273	–	–	24	50	–	–	72	73	–	11	27	–	16	–	...
Railroad conductors	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Restaurant, cafeteria, and bar managers	2 522	39	36	57	171	113	386	311	581	409	85	149	60	66	59	46.3
Sales managers and department heads, retail trade	1 242	–	15	94	156	119	167	195	206	103	85	43	37	22	–	41.8
Sales managers, except retail trade	78	–	–	–	22	–	38	–	–	–	–	18	–	–	–	...
School administrators, college	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
School administrators, elementary and secondary	568	–	–	–	75	98	78	86	71	143	17	–	–	–	–	41.9
Managers and administrators, n.e.c., salaried	5 533	24	90	598	502	854	570	864	733	551	427	60	110	73	77	40.7
Construction	98	–	–	–	25	16	–	21	36	–	–	–	–	–	–	...
Durable goods manufacturing	157	–	–	–	20	19	21	21	–	–	60	–	–	–	16	...
Nondurable goods, incl. not specified manufacturing	369	24	–	47	–	63	42	20	63	46	21	–	43	–	–	...
Transportation	376	–	–	86	70	85	49	53	21	–	–	–	–	12	–	...
Communications, and utilities and sanitary services	197	–	17	20	–	53	47	17	21	22	–	–	–	–	–	...
Wholesale trade	232	–	16	–	56	18	–	98	44	–	–	–	–	–	–	...
Retail trade	1 750	–	42	179	143	259	149	307	286	164	133	21	26	–	41	41.7
Hardware, farm equipment, and building material retailing	84	–	–	–	–	19	24	23	18	–	–	–	–	–	–	...
General merchandise stores	449	–	21	55	45	58	42	59	48	39	62	–	–	–	20	40.3
Food stores	268	–	–	–	–	–	41	58	86	57	–	–	26	–	–	...
Motor vehicles and accessories retailing	25	–	–	–	–	25	–	–	–	–	–	–	–	–	–	...
Gasoline service stations	20	–	–	–	–	20	–	–	–	–	–	–	–	–	–	...
Apparel and accessories stores	320	–	21	61	62	52	–	44	20	18	21	–	–	–	21	...
Furniture, home furnishings, and equipment stores	143	–	–	–	–	29	–	44	47	–	23	–	–	–	–	...
Other retail trade	441	–	–	63	36	56	42	79	67	50	27	21	–	–	–	41.5
Finance, insurance and real estate	452	–	–	62	99	65	38	66	62	–	41	–	–	19	–	35.0
Business and repair services	326	–	15	65	29	55	56	38	–	68	–	–	–	–	–	...
Personal services	1 049	–	–	78	26	128	107	161	145	195	129	–	41	19	20	45.8
All other industries[1]	527	–	–	61	34	93	61	62	55	56	43	39	–	23	–	41.2
Managers and administrators, n.e.c., self-employed	3 004	–	15	58	114	281	303	474	494	454	336	114	138	146	77	47.6
Construction	19	–	–	–	–	–	–	19	–	–	–	–	–	–	–	...
Durable goods manufacturing	23	–	–	–	–	–	–	23	–	–	–	–	–	–	–	...
Nondurable goods, incl. not specified manufacturing	164	–	–	–	40	18	23	–	42	–	22	–	–	19	–	...
Transportation	61	–	–	–	–	26	–	35	–	–	–	–	–	–	–	...
Communications, and utilities and sanitary services	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Wholesale trade	70	–	–	–	–	24	27	–	–	–	19	–	–	–	–	...
Retail trade	2 086	–	15	58	74	159	231	273	327	355	193	91	138	112	60	48.6
Hardware, farm equipment, and building material retailing	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
General merchandise stores	118	–	–	–	19	–	39	22	–	20	–	–	–	18	–	...
Food stores	1 036	–	15	20	19	32	82	137	207	180	105	74	90	54	21	50.2
Motor vehicles and accessories retailing	16	–	–	–	–	16	–	–	–	–	–	–	–	–	–	...
Gasoline service stations	46	–	–	–	–	25	–	21	–	–	–	–	–	–	–	...
Apparel and accessories stores	253	–	–	19	–	27	89	14	43	23	–	–	19	–	19	...
Furniture, home furnishings, and equipment stores	108	–	–	–	36	–	–	36	19	–	–	17	–	–	–	...
Other retail trade	509	–	–	19	–	59	21	43	58	132	88	–	29	40	20	52.1
Finance, insurance, and real estate	35	–	–	–	–	–	–	–	15	–	20	–	–	–	–	...
Business and repair services	174	–	–	–	–	20	12	20	74	13	18	–	–	–	17	...
Personal services	267	–	–	–	–	15	–	90	36	41	47	23	–	15	–	...
All other industries[1]	105	–	–	–	–	19	10	14	–	45	17	–	–	–	–	...
Managers and administrators, except farm—allocated	1 004	–	50	167	139	118	70	41	64	177	83	38	–	–	57	37.0

[1]Includes transportation, communications, and other public utilities—allocated.

Table 42. **Age of Employed Persons of Spanish Origin by Detailed Occupation and Sex: 1970**—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

United States

	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Female employed—Con.																
Sales workers	**54 775**	**3 559**	**6 114**	**9 484**	**5 523**	**5 260**	**5 748**	**5 523**	**4 847**	**3 645**	**2 716**	**718**	**607**	**596**	**435**	**32.6**
Advertising agents and salesmen	200	–	47	71	16	24	22	–	–	–	–	–	–	–	20	...
Auctioneers	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Demonstrators	1 069	21	–	115	302	151	172	127	38	21	53	39	30	–	–	33.2
Hucksters and peddlers	2 126	41	52	254	229	376	316	190	140	199	146	20	63	76	24	36.8
Insurance agents, brokers, and underwriters	837	–	26	239	96	157	38	77	120	19	65	–	–	–	–	31.8
Newsboys	203	45	21	–	–	19	72	–	24	–	22	–	–	–	–	...
Real estate agents and brokers	748	–	–	56	80	23	234	44	103	79	75	18	36	–	–	39.6
Stock and bond salesmen	88	–	–	44	21	–	–	–	–	–	23	–	–	–	–	...
Salesmen and sales clerks, n.e.c	45 630	3 284	5 440	8 008	4 256	4 266	4 506	4 859	4 146	3 143	1 986	605	390	484	257	32.1
Sales representatives, manufacturing industries	1 010	39	73	178	115	126	71	141	102	89	52	–	–	24	–	34.0
Sales representatives, wholesale trade	1 522	67	76	318	93	304	170	133	82	119	49	37	20	31	23	33.4
Sales clerks, retail trade	39 781	2 873	4 771	6 839	3 679	3 505	3 909	4 224	3 833	2 822	1 780	548	370	412	216	32.5
General merchandise stores	19 036	1 293	2 518	3 675	1 883	1 718	1 666	1 773	1 764	1 422	742	195	144	187	56	30.4
Food stores	4 195	273	416	518	433	283	488	524	413	303	285	126	71	22	40	36.8
Apparel and accessories stores	8 265	703	1 021	1 370	684	622	791	1 006	779	632	289	113	107	127	21	32.8
Other sales clerks, retail trade	8 285	604	816	1 276	679	882	964	921	877	465	464	114	48	76	99	34.4
Salesmen, retail trade	1 342	82	184	165	106	122	230	213	43	57	105	–	–	17	18	35.3
Motor vehicles and accessories dealers	242	–	18	42	14	21	55	51	–	–	41	–	–	–	–	...
Salesmen of services and construction	1 975	223	336	508	263	209	126	148	86	56	–	20	–	–	–	24.2
Sales workers—allocated	3 874	168	528	697	523	244	388	226	276	184	346	36	88	36	134	30.4
Clerical and kindred workers	**290 354**	**9 296**	**31 157**	**76 962**	**44 754**	**33 201**	**28 766**	**24 398**	**18 463**	**10 630**	**6 689**	**2 269**	**1 390**	**1 252**	**1 127**	**28.1**
Bank tellers	5 729	19	464	1 657	1 094	943	598	453	377	18	42	41	–	23	–	28.3
Billing clerks	2 219	16	155	731	404	240	167	157	201	37	55	19	23	–	14	27.6
Bookkeepers	27 786	247	1 229	5 989	4 940	3 997	3 282	3 035	2 278	1 324	784	332	62	174	113	31.9
Cashiers	23 261	1 921	3 043	4 981	2 817	2 140	2 587	2 246	1 466	979	579	176	97	152	77	28.0
Clerical assistants, social welfare	60	–	18	42	–	–	–	–	–	–	–	–	–	–	–	...
Clerical supervisors, n.e.c	1 226	–	23	212	217	106	113	208	92	141	58	20	–	–	36	37.4
Collectors, bill and account	701	–	–	224	167	64	32	43	88	20	45	–	–	18	–	28.8
Counter clerks, except food	4 178	138	466	753	418	334	504	518	388	400	113	22	84	19	21	34.7
Dispatchers and starters, vehicle	281	–	18	115	22	67	–	23	36	–	–	–	–	–	–	...
Enumerators and interviewers	1 114	21	114	224	122	215	155	158	48	–	36	–	–	–	21	31.8
Estimators and investigators, n.e.c	2 501	44	403	748	299	235	214	182	131	194	33	–	18	–	–	25.9
Expeditors and production controllers	1 396	–	123	194	182	184	230	182	195	60	46	–	–	–	–	35.3
File clerks	12 954	1 021	2 337	3 796	1 234	1 166	899	803	693	404	412	61	40	41	47	24.1
Insurance adjusters, examiners, and investigators	602	–	38	114	184	115	55	42	38	16	–	–	–	–	–	29.0
Library attendants and assistants	1 788	162	141	692	105	102	130	162	155	59	18	41	–	–	21	24.3
Mail carriers, post office	406	–	24	53	106	110	20	–	93	–	–	–	–	–	–	30.9
Mail handlers, except post office	1 573	48	201	576	137	66	135	181	88	19	102	–	20	–	–	24.7
Messengers, including telegraph, and office boys	445	–	56	137	80	–	62	44	–	–	19	–	–	20	27	26.8
Meter readers, utilities	37	–	–	17	–	–	–	–	20	–	–	–	–	–	–	...
Office machine operators	17 702	226	1 362	5 042	3 675	2 780	1 830	1 442	697	358	159	83	–	29	19	28.0
Bookkeeping and billing machine	1 972	54	188	470	463	314	256	140	56	31	–	–	–	–	–	28.0
Calculating machine	957	–	29	301	280	92	87	77	53	38	–	–	–	–	–	27.7
Computer and peripheral equipment	996	–	150	254	171	154	86	71	82	28	–	–	–	–	–	27.7
Duplicating machine	428	20	42	98	105	20	–	61	21	39	22	–	–	–	–	27.6
Keypunch	12 279	126	853	3 676	2 570	2 036	1 261	986	465	157	96	41	–	12	–	27.9
Tabulating machine	218	–	18	66	69	–	24	41	–	–	–	–	–	–	–	...
Office machine, n.e.c	852	26	82	177	17	164	116	66	20	65	41	42	–	17	19	33.8
Payroll and timekeeping clerks	2 495	20	139	693	412	373	209	241	173	82	92	–	25	36	–	29.8
Postal clerks	2 274	80	245	406	439	373	199	214	83	136	59	19	–	–	21	29.6
Proofreaders	352	–	–	34	32	58	91	–	61	33	43	–	–	–	–	...
Real estate appraisers	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Receptionists	8 434	347	1 323	2 160	1 441	738	800	565	333	163	300	71	59	61	73	26.3

Table 42. Age of Employed Persons of Spanish Origin by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

United States	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Female employed—Con.																
Clerical and kindred workers—Continued																
Secretaries	62 524	1 118	5 628	17 862	11 775	7 375	6 149	4 860	3 517	1 787	1 469	445	225	123	191	27.8
Secretaries, legal	1 944	–	40	695	572	236	153	131	40	36	18	–	–	–	23	27.1
Secretaries, medical	1 447	–	97	173	337	311	241	165	46	39	20	18	–	–	–	31.9
Shipping and receiving clerks	3 057	40	128	768	465	277	337	518	208	135	82	39	60	–	–	32.3
Statistical clerks	4 003	53	250	1 032	556	537	339	372	287	394	148	–	21	–	14	31.0
Stenographers	2 978	19	369	1 042	353	329	170	154	216	162	62	54	–	48	–	25.8
Stock clerks and storekeepers	3 565	96	364	714	422	341	428	392	390	168	97	40	58	55	–	32.7
Teacher aides, except school monitors	8 099	436	626	1 316	1 185	1 057	1 455	846	696	261	144	36	–	21	20	32.3
Telegraph operators	124	–	–	62	21	–	21	–	–	–	20	–	–	–	–	...
Telephone operators	10 109	280	1 572	3 419	1 121	960	835	711	580	328	91	123	63	26	–	24.7
Ticket, station, and express agents	1 029	33	55	283	271	113	92	44	117	21	–	–	–	–	–	27.6
Typists	34 594	1 144	5 483	11 461	4 791	3 549	2 721	2 269	1 506	983	389	112	43	83	60	24.7
Weighers	695	37	18	87	44	153	100	85	48	62	61	–	–	–	–	35.4
Miscellaneous and not specified clerical workers	24 570	933	2 650	6 287	3 232	2 414	2 121	2 178	2 144	1 104	667	377	188	155	120	28.7
Occupation:																
Miscellaneous clerical workers	8 836	220	925	2 122	1 253	937	825	814	792	446	291	94	83	34	–	29.6
Not specified clerical workers	15 734	713	1 725	4 165	1 979	1 477	1 296	1 364	1 352	658	376	283	105	121	120	28.2
Industry:																
Manufacturing	2 860	51	310	685	384	193	247	348	322	211	34	–	23	21	31	30.0
Transportation, communications, and other public utilities	2 796	44	172	897	484	365	414	105	165	55	72	23	–	–	–	27.9
Wholesale and retail trade	4 844	142	522	1 041	554	557	358	454	480	172	266	115	147	36	–	31.5
Finance, insurance, and real estate	4 489	171	456	1 357	694	482	353	318	357	141	78	38	–	44	–	26.9
Professional and related services	4 890	203	722	1 167	598	370	246	540	360	328	141	126	–	41	48	28.0
Public administration	2 883	158	275	674	270	340	355	245	242	177	59	75	–	13	–	30.9
All other industries	1 808	164	193	466	248	107	148	168	218	20	17	–	18	–	41	26.6
Clerical and kindred workers—allocated	15 493	797	2 092	3 039	1 991	1 690	1 686	1 070	1 020	782	464	158	304	168	232	29.6
Craftsmen and kindred workers	**22 827**	**273**	**707**	**2 860**	**2 859**	**3 412**	**3 661**	**2 695**	**2 599**	**1 628**	**1 131**	**283**	**234**	**214**	**271**	**36.8**
Automobile accessories installers	39	–	–	–	–	–	–	–	21	–	18	–	–	–	–	...
Bakers	1 276	–	50	114	148	39	159	173	192	289	71	–	25	–	16	43.7
Cabinetmakers	249	–	12	18	32	86	38	20	–	26	17	–	–	–	–	...
Carpet installers	21	–	–	–	21	–	–	–	–	–	–	–	–	–	–	...
Construction craftsmen	2 280	54	77	424	275	175	291	238	226	175	98	35	97	65	50	37.3
Brickmasons and stonemasons	158	–	–	71	–	46	–	20	21	–	–	–	–	–	–	...
Brickmasons and stonemasons, apprentices	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Bulldozer operators	58	–	–	–	–	–	17	–	24	17	–	–	–	–	–	...
Carpenters	547	35	17	100	118	46	54	20	80	20	19	–	–	38	–	30.4
Carpenter apprentices	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cement and concrete finishers	108	–	–	–	–	–	34	18	–	19	21	16	–	–	–	...
Electricians	254	–	–	58	64	43	–	20	10	40	–	–	19	–	–	...
Electrician apprentices	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Excavating, grading, and road machine operators, except bulldozer	90	–	–	–	22	–	–	19	38	–	–	–	–	–	11	...
Floor layers, except tile setters	20	–	–	–	–	–	–	20	–	–	–	–	–	–	–	...
Painters, construction and maintenance	718	19	22	153	71	17	123	61	40	59	35	19	60	–	39	38.1
Painter apprentices	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Paperhangers	18	–	–	–	–	–	–	–	–	–	–	–	–	18	–	...
Plasterers	83	–	–	22	–	23	38	–	–	–	–	–	–	–	–	...
Plasterer apprentices	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Plumbers and pipe fitters	113	–	–	–	–	–	25	18	–	20	23	–	18	9	–	...
Plumber and pipe fitter apprentices	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Roofers and slaters	79	–	38	–	–	–	–	28	13	–	–	–	–	–	–	...
Structural metal craftsmen	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Tile setters	34	–	–	20	–	–	–	14	–	–	–	–	–	–	–	...

Table 42. **Age of Employed Persons of Spanish Origin by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Female employed—Con.																
Craftsmen and kindred workers—Continued																
Cranemen, derrickmen, and hoistmen	36	–	–	–	–	15	–	–	–	21	–	–	–	–	–	...
Decorators and window dressers	935	47	33	127	86	88	147	99	120	84	67	–	19	18	–	37.9
Dental laboratory technicians	94	–	–	8	26	–	22	38	–	–	–	–	–	–	–	...
Electric power linemen and cablemen	20	–	–	–	–	–	–	–	20	–	–	–	–	–	–	...
Engravers, except photoengravers	131	–	–	19	16	57	14	–	–	25	–	–	–	–	–	...
Foremen, n.e.c.	5 490	–	61	460	636	828	1 228	841	656	327	238	69	40	40	66	38.1
Construction	58	–	20	–	26	–	12	–	–	–	–	–	–	–	–	...
Manufacturing	3 764	–	19	183	412	565	900	647	489	205	171	69	20	18	66	38.9
Metal industries	122	–	–	–	23	38	21	40	–	–	–	–	–	–	–	...
Machinery, except electrical	99	–	–	–	25	18	39	–	–	–	17	–	–	–	–	...
Electrical machinery, equipment, and supplies	281	–	–	–	39	25	70	52	52	23	–	–	20	–	–	...
Transportation equipment	22	–	–	–	22	–	–	–	–	–	–	–	–	–	–	...
Other durable goods	466	–	–	43	42	82	106	101	38	38	16	–	–	–	–	38.1
Food and kindred products	362	–	–	–	–	39	118	68	59	17	–	18	–	–	43	...
Textiles, textile products, and apparel	1 884	–	19	75	175	283	504	268	259	83	138	39	–	18	23	38.9
Other nondurable goods, including not specified manufacturing	528	–	–	65	86	80	42	118	81	44	–	12	–	–	–	38.9
Transportation	63	–	–	–	–	24	19	–	–	20	–	–	–	–	–	...
Communications, and utilities and sanitary services	90	–	–	39	12	20	19	–	–	–	–	–	–	–	–	...
Wholesale and retail trade	914	–	–	94	146	155	183	99	83	83	51	–	20	–	–	36.7
All other industries[1]	601	–	22	144	40	64	95	95	84	19	16	–	–	22	–	36.6
Furniture and wood finishers	110	–	–	21	24	43	–	22	–	–	–	–	–	–	–	...
Furriers	50	–	–	–	–	–	–	–	18	–	32	–	–	–	–	...
Glaziers	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Inspectors, scalers, and graders; log and lumber	44	–	–	–	–	23	21	–	–	–	–	–	–	–	–	...
Inspectors, n.e.c.	376	–	–	96	81	59	19	–	103	18	–	–	–	–	–	...
Construction	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Railroads and railway express service	21	–	–	–	–	–	–	–	21	–	–	–	–	–	–	...
Jewelers and watchmakers	278	–	–	66	23	20	42	41	28	39	19	–	–	–	–	...
Locomotive engineers	33	–	–	–	–	12	–	–	–	–	21	–	–	–	–	...
Locomotive firemen	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mechanics and repairmen	2 117	26	98	186	296	417	342	263	42	96	124	94	16	46	71	35.5
Air conditioning, heating, and refrigeration	55	–	–	24	–	31	–	–	–	–	–	–	–	–	–	...
Aircraft	200	–	–	17	12	72	36	17	–	–	18	28	–	–	–	...
Automobile body repairmen	23	–	–	–	–	–	23	–	–	–	–	–	–	–	–	...
Automobile mechanics	555	26	15	64	129	96	64	36	–	38	23	43	–	–	21	32.3
Automobile mechanic apprentices	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Data processing machine repairmen	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Farm implement	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Heavy equipment mechanics, including diesel	436	–	–	–	71	91	81	19	18	–	43	23	16	46	28	38.5
Household appliance and accessory installers and mechanics	25	–	–	–	–	–	25	–	–	–	–	–	–	–	–	...
Loom fixers	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Office machine	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Radio and television	300	–	83	17	19	21	58	55	24	–	23	–	–	–	–	...
Railroad and car shop	17	–	–	–	–	–	–	17	–	–	–	–	–	–	–	...
Mechanics, except auto, apprentices	18	–	–	–	–	–	–	18	–	–	–	–	–	–	–	...
Miscellaneous mechanics and repairmen, including mechanics, except auto, apprentices	438	–	–	39	65	85	55	119	–	36	17	–	–	–	22	37.7
Manufacturing	279	–	–	39	57	42	23	79	–	–	17	–	–	–	22	...
Not specified mechanics and repairmen	68	–	–	25	–	21	–	–	–	22	–	–	–	–	–	...
Manufacturing	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Metal craftsmen, except mechanics	1 574	–	72	200	215	309	336	186	105	90	61	–	–	–	–	34.9
Blacksmiths	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Boilermakers	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

[1] Includes transportation, communications, and other public utilities—allocated.

Table 42. Age of Employed Persons of Spanish Origin by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Female employed—Con.																
Craftsmen and kindred workers—Continued																
Metal craftsmen, except mechanics—Continued																
Forgemen and hammermen	63	–	–	–	–	22	–	21	–	–	20	–	–	–	–	...
Heat treaters, annealers, and temperers	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Job and die setters, metal	162	–	–	–	23	74	41	–	24	–	–	–	–	–	–	...
Machinists	664	–	32	141	79	85	123	123	21	41	19	–	–	–	–	34.7
Machinist apprentices	67	–	–	24	21	–	22	–	–	–	–	–	–	–	–	...
Millwrights	23	–	–	–	–	23	–	–	–	–	–	–	–	–	–	...
Molders, metal	196	–	–	–	39	42	98	–	17	–	–	–	–	–	–	...
Molder apprentices	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pattern and model makers, except paper	84	–	22	–	–	–	18	17	–	27	–	–	–	–	–	...
Rollers and finishers, metal	107	–	–	–	23	19	19	–	24	22	–	–	–	–	–	...
Sheetmetal workers and tinsmiths	208	–	18	59	32	21	37	–	19	–	22	–	–	–	–	...
Sheetmetal apprentices	14	–	–	14	–	–	–	–	–	–	–	–	–	–	–	...
Shipfitters	44	–	–	–	19	–	–	25	–	–	–	–	–	–	–	...
Tool and die makers	23	–	–	–	–	23	–	–	–	–	–	–	–	–	–	...
Tool and die maker apprentices	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Millers; grain, flour, and feed	16	–	–	–	–	16	–	–	–	–	–	–	–	–	–	...
Motion picture projectionists	29	–	–	29	–	–	–	–	–	–	–	–	–	–	–	...
Opticians, and lens grinders and polishers	355	21	–	142	18	42	38	31	48	15	–	–	–	–	–	...
Piano and organ tuners and repairmen	19	–	–	–	–	19	–	–	–	–	–	–	–	–	–	...
Power station operators	17	–	–	17	–	–	–	–	–	–	–	–	–	–	–	...
Printing craftsmen	2 783	43	169	427	394	386	377	374	292	184	74	20	22	21	–	34.6
Bookbinders	1 201	–	40	91	139	263	104	270	111	68	74	20	–	21	–	38.2
Compositors and typesetters	688	43	22	125	146	55	126	19	37	93	–	–	22	–	–	30.7
Printing trades apprentices, except pressmen	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Electrotypers and stereotypers	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Photoengravers and lithographers	22	–	–	–	22	–	–	–	–	–	–	–	–	–	–	...
Pressmen and plate printers, printing	872	–	107	211	87	68	147	85	144	23	–	–	–	–	–	32.3
Pressman apprentices	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shoe repairmen	542	–	–	58	22	88	129	21	158	18	20	18	–	–	10	39.0
Sign painters and letterers	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Stationary engineers	92	–	–	–	–	41	32	19	–	–	–	–	–	–	–	...
Stone cutters and stone carvers	22	–	–	–	22	–	–	–	–	–	–	–	–	–	–	...
Tailors	2 024	62	18	280	267	315	292	72	274	148	203	47	–	24	22	36.2
Telephone installers and repairmen	240	–	41	68	59	20	18	16	18	–	–	–	–	–	–	...
Telephone linemen and splicers	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Upholsterers	520	–	21	–	38	67	80	113	131	35	20	–	15	–	–	42.4
Craftsmen and kindred workers, n.e.c	269	20	–	40	38	41	36	63	31	–	–	–	–	–	–	...
Former members of the Armed Forces	21	–	–	–	–	–	–	21	–	–	–	–	–	–	–	...
Craftsmen and kindred workers—allocated	725	–	55	60	122	206	–	44	116	38	48	–	–	–	36	33.0
Operatives, except transport	**276 594**	**3 715**	**11 203**	**36 851**	**34 644**	**36 249**	**39 603**	**37 950**	**29 696**	**21 203**	**14 422**	**5 013**	**2 089**	**2 348**	**1 608**	**37.0**
Asbestos and insulation workers	43	–	–	23	–	–	–	20	–	–	–	–	–	–	–	...
Assemblers	31 504	287	1 875	6 134	4 151	4 822	4 515	4 152	2 819	1 359	782	218	98	231	61	33.4
Blasters and powdermen	44	–	–	–	–	–	–	20	24	–	–	–	–	–	–	...
Bottling and canning operatives	1 620	53	72	127	193	229	156	240	203	189	96	40	22	–	–	39.4
Chainmen, rodmen, and axmen, surveying	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	13 001	37	437	1 930	1 666	1 968	2 224	1 631	1 277	909	541	178	70	58	75	36.0
Clothing ironers and pressers	10 866	145	220	877	1 122	1 395	1 849	1 493	1 463	1 074	730	261	95	104	38	39.5
Cutting operatives, n.e.c	3 467	121	120	517	454	507	378	415	257	302	274	63	43	–	16	35.2
Dressmakers and seamstresses, except factory	5 481	45	93	115	295	532	565	1 216	566	679	737	320	83	159	76	44.5
Drillers, earth	157	–	–	46	20	–	33	–	–	18	–	19	–	–	21	...
Dry wall installers and lathers	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dyers	97	–	27	18	19	33	–	–	–	–	–	–	–	–	–	...
Garage workers and gas station attendants	502	13	100	82	58	74	17	66	71	21	–	–	–	–	–	29.8

Table 42. **Age of Employed Persons of Spanish Origin by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Female employed—Con.																
Operatives, except transport—Continued																
Graders and sorters, *manufacturing*	2 112	–	121	106	355	253	271	350	272	174	129	25	–	56	–	39.1
Produce graders and packers, except factory and farm	4 290	–	124	486	400	518	526	714	614	318	495	27	15	53	–	40.6
Laundry and drycleaning operatives, n.e.c	7 502	239	392	838	707	852	870	834	919	739	450	216	100	154	192	39.2
Meat cutters and butchers, except manufacturing	541	–	–	39	76	47	37	182	62	58	17	23	–	–	–	42.0
Meat cutters and butchers, manufacturing	1 839	16	90	93	287	174	289	157	288	259	94	74	18	–	–	39.5
Meat wrappers, retail trade	925	–	25	105	126	103	176	189	115	66	20	–	–	–	–	37.9
Metalworking operatives, except precision machine	8 325	43	511	1 186	1 402	1 063	1 390	1 048	854	366	269	82	88	–	23	34.8
Filers, polishers, sanders, and buffers	1 056	–	106	225	177	59	196	91	74	70	18	20	20	–	–	31.7
Furnacemen, smeltermen, and pourers	47	–	–	–	25	–	–	–	–	22	–	–	–	–	–	...
Heaters, metal	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Metal platers	131	–	20	29	19	20	–	43	–	–	–	–	–	–	–	...
Punch and stamping press operatives	2 369	–	156	254	314	368	280	453	243	157	102	18	24	–	–	36.7
Riveters and fasteners	478	–	–	109	45	22	127	41	58	14	41	–	21	–	–	37.5
Solderers	2 425	43	158	394	446	348	481	161	243	48	58	22	–	–	23	32.5
Welders and flame-cutters	1 819	–	71	175	376	246	306	259	236	55	50	22	23	–	–	35.7
Milliners	138	–	–	–	–	–	23	36	–	20	–	19	17	23	–	...
Mine operatives, n.e.c	173	–	21	80	22	18	32	–	–	–	–	–	–	–	–	...
Coal mining	15	–	–	–	–	–	15	–	–	–	–	–	–	–	–	...
Crude petroleum and natural gas extractions	118	–	–	61	22	18	17	–	–	–	–	–	–	–	–	...
Mining and quarrying, except fuel	40	–	21	19	–	–	–	–	–	–	–	–	–	–	–	...
Mixing operatives	265	–	28	24	–	15	39	–	57	80	22	–	–	–	–	...
Oilers and greasers, except auto	162	–	25	–	–	20	–	102	–	–	15	–	–	–	–	...
Packers and wrappers, except meat and produce	27 174	717	1 125	4 135	3 749	3 526	4 637	3 350	2 380	1 855	949	361	86	185	119	35.4
Painters, *manufactured articles*	1 240	20	50	389	158	175	131	19	138	53	69	–	–	18	20	30.1
Photographic process workers	1 362	–	107	221	167	165	207	169	59	109	100	58	–	–	–	35.5
Precision machine operatives	1 568	54	47	179	272	235	143	232	240	103	63	–	–	–	–	34.9
Drill press operatives	752	35	–	56	105	127	35	136	159	78	21	–	–	–	–	40.7
Grinding machine operatives	221	19	23	22	35	14	24	47	19	–	18	–	–	–	–	...
Lathe and mixing machine operatives	220	–	–	35	53	62	22	23	–	25	–	–	–	–	–	...
Precision machine operatives, n.e.c	375	–	24	66	79	32	62	26	62	–	24	–	–	–	–	...
Sailors and deckhands	105	–	25	–	–	46	–	–	–	18	–	–	16	–	–	...
Sawyers	536	–	–	82	67	79	69	50	189	–	–	–	–	–	–	37.9
Sewers and stitchers	81 672	589	2 258	8 366	9 519	10 443	11 010	12 453	9 951	7 998	5 192	2 068	757	735	333	39.4
Shoemaking machine operatives	1 799	80	77	299	157	149	347	240	242	116	92	–	–	–	–	37.0
Stationary firemen	552	67	63	102	58	68	50	104	–	19	–	–	–	21	–	28.8
Textile operatives	5 147	41	122	721	627	506	887	562	543	269	484	141	79	44	121	38.1
Carding, lapping, and combing operatives	80	–	–	20	–	–	–	–	15	26	–	–	–	–	19	...
Knitters, loopers, and toppers	575	–	–	100	83	44	106	69	39	–	92	23	–	19	–	37.9
Spinners, twisters, and winders	1 269	41	48	37	130	153	209	210	91	107	122	99	22	–	–	40.4
Weavers	362	–	–	71	–	–	80	55	46	–	66	–	–	–	44	...
Textile operatives, n.e.c	2 861	–	74	493	414	309	492	228	352	136	204	19	57	25	58	36.4
Winding operatives, n.e.c	1 023	–	65	212	242	159	137	124	65	–	19	–	–	–	–	29.8
Miscellaneous and not specified operatives	48 271	682	2 153	7 197	6 646	6 666	7 060	6 632	4 805	3 177	2 037	533	260	293	130	35.6
Occupation:																
Machine operatives, miscellaneous specified	15 373	167	805	2 309	2 016	2 230	2 013	2 459	1 562	904	628	92	77	89	22	35.4
Machine operatives, not specified	12 138	137	400	1 569	1 713	1 730	2 369	1 868	1 123	750	286	122	47	–	24	36.1
Miscellaneous operatives	12 348	150	486	2 228	1 698	1 591	1 412	1 477	1 241	908	588	270	102	140	57	35.1
Not specified operatives	8 412	228	462	1 091	1 219	1 115	1 266	828	879	615	535	49	34	64	27	35.4

Table 42. **Age of Employed Persons of Spanish Origin by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Female employed — Con.																
Operatives, except transport — Continued																
Miscellaneous and not specified operatives — Continued																
Industry:																
Manufacturing	42 671	555	1 863	6 285	6 007	5 905	6 306	5 884	4 294	2 686	1 850	409	231	293	103	35.6
Durable goods	18 749	201	920	3 125	2 925	2 989	2 900	2 349	1 795	806	469	132	95	23	20	33.7
Lumber and wood products, except furniture	413	–	49	19	40	126	21	39	43	18	–	16	42	–	–	33.9
Furniture and fixtures	968	–	67	234	150	117	236	83	81	–	–	–	–	–	–	31.4
Stone, clay, and glass products	791	–	–	62	219	106	109	145	21	50	44	–	15	–	20	35.4
Glass and glass products	194	–	–	–	80	24	20	41	–	29	–	–	–	–	–	...
Cement, concrete, gypsum, and plaster products	46	–	–	–	25	–	–	–	–	–	21	–	–	–	–	...
Other stone, clay, and glass products	551	–	–	62	114	82	89	104	21	21	23	–	15	–	20	36.0
Primary metal industries	423	–	35	66	76	77	98	53	18	–	–	–	–	–	–	32.2
Blast furnaces, steelworks, and rolling and finishing mills	43	–	–	–	–	28	15	–	–	–	–	–	–	–	–	...
Other primary iron and steel industries	151	–	18	49	–	49	17	18	–	–	–	–	–	–	–	...
Primary nonferrous industries	229	–	17	17	76	–	66	35	18	–	–	–	–	–	–	...
Fabricated metal industries, including not specified metal	1 765	74	79	312	218	392	319	171	131	54	–	15	–	–	–	32.5
Cutlery, hand tools, and other hardware	300	–	–	20	34	58	99	52	37	–	–	–	–	–	–	...
Fabricated structural metal products	352	–	24	102	63	27	99	–	–	37	–	–	–	–	–	...
Screw machine products, & metal stamping	374	41	–	81	23	102	43	62	22	–	–	–	–	–	–	...
Miscellaneous fabricated metal products and not specified metal	739	33	55	109	98	205	78	57	72	17	–	15	–	–	–	31.8
Machinery, except electrical	1 331	–	106	83	205	217	233	84	215	99	52	20	17	–	–	36.2
Farm machinery and equipment	34	–	–	–	–	–	34	–	–	–	–	–	–	–	–	...
Construction & material handling machines	38	–	–	–	–	–	–	–	21	–	–	–	17	–	–	...
Metalworking machinery	80	–	–	–	–	17	40	–	23	–	–	–	–	–	–	...
Office and accounting machines, and electronic computing equipment	407	–	39	19	124	57	56	22	90	–	–	–	–	–	–	31.9
Other machinery, except electrical	772	–	67	64	81	143	103	62	81	99	52	20	–	–	–	36.5
Electrical machinery, equipment, and supplies	5 536	29	304	1 161	918	849	779	678	481	172	126	45	–	–	–	32.1
Household appliances	167	–	–	31	44	28	16	40	22	–	–	–	–	–	–	...
Radio, TV, and communication equipment	1 419	–	63	478	321	104	283	145	32	66	–	19	–	–	–	30.9
Electrical machinery, equipment and supplies, not specified	3 342	–	241	653	553	667	480	493	427	104	126	26	–	–	–	32.9
Not specified electrical machinery, equipment and supplies	608	29	29	126	192	78	72	134	–	–	19	–	–	–	–	28.9
Transportation equipment	840	21	39	61	121	66	125	148	104	16	19	–	–	23	–	39.4
Motor vehicles & motor vehicle equipment	242	–	19	–	74	26	59	23	44	–	–	–	–	23	–	...
Aircraft and parts	434	–	21	–	42	32	66	103	58	16	19	–	–	–	–	41.5
Other transportation equipment	45	21	–	61	5	8	–	22	–	–	–	–	–	–	–	...
Professional and photographic equipment, and watches	174	5	–	20	64	21	23	12	23	10	23	–	–	–	–	32.9
Ophthalmic goods	211	5	–	14	11	6	10	10	23	15	23	–	–	–	–	33.2
Photographic equipment and supplies	114	–	–	6	43	15	13	6	6	–	27	–	–	–	–	...
Watches	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	...
Miscellaneous manufacturing	3 385	36	241	503	647	749	753	664	410	293	188	36	21	–	–	35.1
Durable goods not specified	85	22	–	14	20	–	–	22	–	–	–	–	–	–	–	...
Nondurable goods	23 922	354	922	3 160	3 082	2 924	3 406	3 535	2 447	1 794	1 381	277	136	270	83	37.2
Food and kindred products	5 398	78	209	410	393	709	643	627	498	303	199	44	–	71	17	36.6
Meat products	614	19	47	129	79	88	68	40	54	41	–	–	–	51	–	32.0
Dairy products	86	–	–	–	–	–	16	–	–	–	–	–	–	–	–	...
Canning and preserving fruits, vegetables, and seafoods	2 142	36	77	249	191	292	316	305	333	142	140	44	–	–	17	38.6
Bakery products	510	20	–	46	75	89	149	60	50	21	–	–	–	–	–	35.8
Beverage industries	89	–	24	–	24	20	–	–	–	–	21	–	–	–	–	...
Other food and kindred products	1 027	–	61	188	24	220	94	222	61	99	38	–	–	20	–	36.1

Table 42. Age of Employed Persons of Spanish Origin by Detailed Occupation and Sex: 1970 — Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Female employed – Con.																
Operatives, except transport – Continued																
Miscellaneous and not specified operatives – Continued																
Industry – Continued																
Manufacturing – Continued																
Nondurable goods – Continued																
Tobacco manufactures	639	–	–	39	48	–	18	–	17	107	208	81	46	75	–	57.2
Apparel and other fabricated textile products	6 960	195	325	914	952	733	890	779	856	607	551	46	25	87	–	37.0
Apparel and accessories	5 419	195	189	735	857	494	800	545	596	515	358	23	25	87	–	36.5
Miscellaneous fabricated textile products	1 541	–	136	179	95	239	90	234	260	92	193	23	–	–	–	40.7
Paper and allied products	2 612	–	77	383	365	287	351	539	338	99	52	41	43	37	–	37.8
Pulp, paper, and paperboard mills	419	–	42	45	74	14	47	84	102	11	–	–	–	–	–	38.7
Miscellaneous paper and pulp products	1 057	–	17	131	194	94	162	197	161	37	18	20	26	–	–	37.9
Paperboard containers and boxes	1 136	–	18	207	97	179	142	258	75	51	34	21	17	37	–	37.4
Printing, publishing, and allied industries	1 698	60	82	189	342	143	264	312	101	96	73	16	–	–	20	35.6
Printing, publishing, and allied industries, except newspapers	1 661	60	82	168	342	127	264	312	101	96	73	16	–	–	20	36.0
Chemicals and allied products	913	24	–	99	72	108	174	142	154	121	19	–	–	–	–	39.4
Industrial chemicals	42	–	–	42	–	–	–	–	–	–	–	–	–	–	–	...
Synthetic fibers	20	–	–	–	20	–	–	–	–	–	–	–	–	–	–	...
Soaps and cosmetics	294	–	–	26	44	28	49	64	64	–	19	–	–	–	–	...
Other chemicals and allied products	557	24	–	31	28	60	125	78	90	121	–	–	–	–	–	40.7
Petroleum and coal products	24	–	–	–	24	–	–	–	–	–	–	–	–	–	–	...
Rubber and miscellaneous plastic products	3 365	–	153	504	485	516	556	521	251	280	77	–	22	–	–	35.2
Rubber products	600	–	–	88	41	64	155	74	41	117	20	–	–	–	–	38.5
Miscellaneous plastic products	2 765	–	153	416	444	452	401	447	210	163	57	–	22	–	–	34.1
Leather and leather products	2 348	–	76	267	277	328	332	432	232	168	141	49	–	–	46	38.4
Tanned, curried, and finished leather	100	–	–	–	–	21	39	18	–	–	–	–	–	–	22	...
Footwear, except rubber	653	–	16	125	76	38	42	143	68	81	47	17	–	–	–	41.0
Leather products, except footwear	1 595	–	60	142	201	269	251	271	164	87	94	32	–	–	24	37.5
Nondurable goods – allocated	33	–	–	–	–	–	–	–	–	13	20	–	–	–	–	...
Not specified manufacturing industries	932	–	21	155	124	92	178	183	52	86	41	–	–	–	–	37.1
Nonmanufacturing industries	5 600	127	290	912	639	761	754	748	511	491	187	124	29	–	27	35.5
Construction	56	21	–	–	–	–	–	23	–	12	–	–	–	–	–	...
Railroads and railway express service	25	–	–	–	–	–	25	–	–	–	–	–	–	–	–	...
Transportation, except railroads	208	–	17	88	18	–	26	39	20	–	–	–	–	–	–	...
Communications, and utilities and sanitary services	61	–	–	15	–	22	–	24	–	–	–	–	–	–	–	...
Wholesale trade	1 822	–	141	273	337	260	193	129	193	184	65	30	17	–	–	33.1
Retail trade	1 103	19	17	111	41	161	215	196	129	114	59	29	12	–	–	39.7
Business and repair services	605	19	66	116	58	95	117	60	28	–	23	23	–	–	–	32.3
Public administration	134	–	20	20	21	–	26	27	–	–	–	20	–	–	–	...
All other industries	1 586	68	29	289	164	223	152	250	141	181	40	22	–	–	27	35.7
Operatives, except transport – allocated	13 091	466	830	2 122	1 629	1 409	1 535	1 150	1 223	855	746	287	242	214	383	35.3
Transport equipment operatives	**3 250**	**84**	**127**	**526**	**503**	**428**	**582**	**301**	**239**	**145**	**111**	**61**	**55**	**43**	**45**	**34.5**
Boatmen and canalmen	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Bus drivers	1 198	–	–	139	224	238	269	138	59	93	20	–	18	–	–	35.0
Conductors and motormen, urban rail transit	15	–	–	–	15	–	–	–	–	–	–	–	–	–	–	...
Deliverymen and routemen	581	51	16	122	88	70	82	66	18	13	55	–	–	–	–	31.0
Fork lift and tow motor operatives	76	–	–	18	–	–	40	–	–	–	18	–	–	–	–	...
Motormen; mine, factory, logging camp, etc	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Parking attendants	33	16	–	–	–	–	17	–	–	–	–	–	–	–	–	...
Railroad brakemen	18	–	18	–	–	–	–	–	–	–	–	–	–	–	–	...
Railroad switchmen	54	–	–	25	–	–	–	–	29	–	–	–	–	–	–	...
Taxicab drivers and chauffeurs	244	–	–	29	22	41	38	39	–	18	18	21	–	–	18	...
Truck drivers	807	–	68	193	111	43	98	38	120	–	–	40	37	43	16	33.7
Trucking service	66	–	–	40	–	26	–	–	–	–	–	–	–	–	11	...
Transport equipment operatives – allocated	224	17	25	–	43	36	38	20	13	21	–	–	–	–	–	...

[1]Includes transportation, communications, and other public utilities – allocated.

Table 42. **Age of Employed Persons of Spanish Origin by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Female employed—Con.																
Laborers, except farm	**13 959**	**615**	**1 269**	**2 398**	**1 700**	**1 509**	**1 395**	**1 565**	**1 153**	**1 030**	**596**	**304**	**98**	**119**	**208**	**33.3**
Animal caretakers, except farm	403	20	98	68	21	–	58	39	57	42	–	–	–	–	–	28.7
Carpenters' helpers	50	–	–	–	–	28	–	22	–	–	–	–	–	–	–	...
Construction laborers, except carpenters' helpers	939	89	67	78	191	95	28	86	146	57	20	64	18	–	–	32.3
Fishermen and oystermen	62	–	–	20	–	–	–	–	23	19	–	–	–	–	–	...
Freight and material handlers	1 700	21	65	318	314	126	226	205	181	119	104	21	–	–	–	35.1
Garbage collectors	23	–	–	23	–	–	–	–	–	–	–	–	–	–	–	...
Gardeners and groundskeepers, except farm	494	–	43	50	78	71	58	33	23	50	50	–	21	–	17	35.4
Longshoremen and stevedores	33	–	–	15	–	–	–	18	–	–	–	–	–	–	–	...
Lumbermen, raftsmen, and woodchoppers	24	–	–	24	–	–	–	–	–	–	–	–	–	–	–	...
Stock handlers	4 240	206	446	765	442	613	503	435	231	290	115	43	22	20	109	32.1
Teamsters	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Vehicle washers and equipment cleaners	746	102	41	172	80	40	79	23	–	20	94	19	–	18	58	28.6
Warehousemen, n.e.c	256	–	21	18	44	41	–	40	54	23	15	–	–	–	–	...
Miscellaneous and not specified laborers	4 202	156	381	691	431	391	357	624	385	371	177	116	17	81	24	35.7
Occupation:																
Miscellaneous laborers	1 284	55	87	244	116	132	119	314	91	58	35	–	–	33	–	35.3
Not specified laborers	2 918	101	294	447	315	259	238	310	294	313	142	116	17	48	24	35.9
Industry:																
Manufacturing	2 502	40	197	397	281	257	250	311	297	231	123	79	–	15	24	36.6
Durable goods	1 150	22	77	171	169	117	90	204	106	63	32	60	–	15	24	36.1
Lumber and wood products, except furniture	24	–	–	–	–	–	–	–	–	–	–	–	–	–	24	...
Furniture and fixtures	125	–	–	22	20	–	–	26	18	18	–	21	–	–	–	...
Stone, clay, and glass products	50	–	–	23	27	–	–	–	–	–	–	–	–	–	–	...
Cement, concrete, gypsum, and plaster products	27	–	–	–	27	–	–	–	–	–	–	–	–	–	–	...
Structural clay products	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other stone, clay, and glass products	23	–	–	23	–	–	–	–	–	–	–	–	–	–	–	...
Primary metal industries	72	–	–	–	–	22	26	–	24	–	–	–	–	–	–	...
Blast furnaces, steel works, and rolling and finishing mills	50	–	–	–	–	–	26	–	24	–	–	–	–	–	–	...
Other primary iron and steel industries	22	–	–	–	–	22	–	–	–	–	–	–	–	–	–	...
Primary nonferrous industries	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Fabricated metal industries, including not specified metal	341	22	21	83	17	56	–	93	26	23	–	–	–	–	–	...
Fabricated structural metal products	41	–	–	–	–	41	–	–	–	–	–	–	–	–	–	...
Machinery, except electrical	38	–	–	–	–	–	23	–	–	–	–	–	–	15	–	...
Electrical machinery, equipment, and supplies	125	–	37	19	46	–	–	–	–	–	–	21	–	–	–	...
Transportation equipment	115	–	–	24	20	–	22	23	26	–	–	–	–	–	–	...
Motor vehicles & motor vehicle equipment	49	–	–	–	–	–	–	23	26	–	–	–	–	–	–	...
Ship and boat building and repairing	44	–	–	24	20	–	–	–	–	–	–	–	–	–	–	...
Other transportation equipment	22	–	–	–	–	–	22	–	–	–	–	–	–	–	–	...
Professional and photographic equipment, and watches	69	–	19	–	15	17	–	–	–	–	–	18	–	–	–	...
Ordnance	13	–	–	–	–	–	–	–	–	–	13	–	–	–	–	...
Miscellaneous manufacturing industries	143	–	–	–	22	22	19	62	12	22	19	–	–	–	–	...
Manufacturing, durable goods – allocated	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Nondurable goods	1 260	16	120	182	112	140	112	107	191	168	91	19	–	–	–	37.6
Food and kindred products	491	–	75	56	18	81	32	23	72	71	44	19	–	–	–	37.4
Meat products	23	–	–	–	–	–	–	23	–	–	–	–	–	–	–	...
Dairy products	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Canning and preserving fruits, vegetables, and seafoods	265	–	51	20	18	62	32	–	25	17	21	19	–	–	–	...
Grain-mill products	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Beverage industries	15	–	–	–	–	–	–	–	–	15	–	–	–	–	–	...
Other food and kindred products	188	–	24	36	–	19	–	–	47	39	23	–	–	–	–	...

Table 42. **Age of Employed Persons of Spanish Origin by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Female employed—Con.																
Laborers, except farm—Continued																
Miscellaneous and not specified laborers—Continued																
Industry—Continued																
Manufacturing—Continued																
Nondurable goods—Continued																
Tobacco manufactures	24	–	–	–	24	–	–	–	–	–	–	–	–	–	–	...
Textile mill products	118	–	–	–	–	–	22	–	53	21	22	–	–	–	–	...
Yarn, thread, and fabric mills	28	–	–	–	–	–	–	–	28	–	–	–	–	–	–	...
Other textile mill products	90	–	–	–	–	–	22	–	25	21	22	–	–	–	–	...
Apparel and other fabricated textile products	175	18	–	14	21	–	–	44	14	39	25	–	–	–	–	...
Paper and allied products	97	–	–	50	27	20	–	–	–	–	–	–	–	–	–	...
Pulp, paper, and paperboard mills	28	–	–	28	–	–	–	–	–	–	–	–	–	–	–	...
Other paper and allied products	69	–	–	22	27	20	–	–	–	–	–	–	–	–	–	...
Printing, publishing, and allied industries	50	–	–	–	–	–	17	14	–	19	–	–	–	–	–	...
Chemicals and allied products	77	–	26	–	–	–	25	26	–	–	–	–	–	–	–	–
Petroleum and coal products	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	...
Rubber and miscellaneous plastic products	76	–	–	26	–	–	–	–	32	18	–	–	–	–	–	...
Leather and leather products	134	–	19	36	22	21	16	–	20	–	–	–	–	–	–	...
Nondurable goods—allocated	18	–	–	–	–	18	–	–	–	–	–	–	–	–	–	...
Not specified manufacturing industries	92	–	–	44	–	–	48	–	–	–	–	–	–	–	–	...
Nonmanufacturing industries	1 700	116	184	294	150	134	107	313	88	140	54	37	17	66	–	34.0
Railroads and railway express service	61	20	–	27	–	–	–	–	14	–	–	–	–	–	–	...
Transportation, except railroads	49	–	28	–	–	–	–	–	–	21	–	–	–	–	–	...
Comm., and utilities and sanitary services	54	–	–	15	–	–	–	21	–	–	–	–	–	18	–	...
Transportation, communications, and other public utilities—allocated	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Wholesale trade	429	–	51	84	16	39	41	79	38	42	15	–	–	24	–	38.0
Retail trade	431	18	24	66	74	62	20	77	15	57	–	18	–	–	–	32.7
Business and repair services	126	21	–	–	40	–	–	65	–	–	–	–	–	–	–	...
Personal services	212	–	–	68	20	15	26	47	–	–	19	–	17	–	–	...
Private households	109	–	–	–	–	–	26	47	–	–	19	–	17	–	–	...
Public administration	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
All other industries	338	57	81	34	–	18	20	24	21	20	20	19	–	24	–	...
Laborers, except farm—allocated	787	21	107	156	99	104	86	40	53	39	21	41	20	–	–	30.5
Farmers and farm managers	**968**	**20**	**47**	**190**	**41**	**38**	**96**	**213**	**90**	**96**	**22**	**94**	–	**21**	–	**41.2**
Farmers, owners and tenants	764	20	47	98	41	20	96	163	90	96	–	72	–	21	–	41.8
Farm managers	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Farmers and farm managers—allocated	204	–	–	92	–	18	–	50	–	–	22	22	–	–	–	...
Farm laborers and farm foremen	**19 582**	**1 578**	**1 833**	**3 239**	**2 332**	**1 983**	**2 150**	**2 041**	**1 708**	**1 191**	**666**	**464**	**163**	**178**	**56**	**32.0**
Farm foremen	130	–	–	27	–	44	–	–	37	22	–	–	–	–	–	...
Farm laborers, wage workers	17 834	1 469	1 615	2 822	2 214	1 839	2 023	1 965	1 603	1 022	555	390	119	156	42	32.2
Farm laborers, unpaid family workers	429	18	36	67	–	42	23	37	57	108	22	19	–	–	–	43.9
Farm service laborers, self-employed	40	–	–	–	–	26	–	–	–	–	–	–	–	–	14	...
Farm laborers and farm foremen—allocated	1 149	91	182	323	118	32	104	39	11	39	89	55	44	22	–	24.7
Service workers, except private household	**186 320**	**8 089**	**10 771**	**28 775**	**21 444**	**21 946**	**21 188**	**21 810**	**19 526**	**13 454**	**10 517**	**4 027**	**1 530**	**1 823**	**1 420**	**35.5**
Cleaning service workers	34 270	980	1 217	2 665	2 634	4 129	4 164	4 919	4 432	3 378	3 155	1 323	373	577	324	41.4
Chambermaids and maids, except private household	12 852	383	508	1 205	1 098	1 550	1 400	1 557	1 909	1 229	988	604	95	147	179	40.9
Cleaners and charwomen	14 214	311	317	1 023	1 095	1 825	1 804	2 093	1 637	1 425	1 648	520	204	206	106	41.7
Janitors and sextons	7 204	286	392	437	441	754	960	1 269	886	724	519	199	74	224	39	41.3
Food service workers	63 745	4 320	4 234	8 042	5 896	6 852	7 709	7 808	7 157	5 026	3 936	1 498	536	447	284	36.6
Bartenders	597	–	20	81	21	112	21	117	42	56	90	–	–	–	37	41.9
Busboys	814	223	87	101	25	71	96	74	35	12	21	27	–	–	42	24.8
Cooks, except private household	16 829	270	415	1 165	1 117	1 679	2 343	2 382	2 694	1 783	1 572	801	251	248	109	43.0
Dishwashers	3 808	374	230	202	212	253	386	555	589	509	285	129	22	37	25	42.2
Food counter and fountain workers	3 884	317	432	595	180	479	493	456	381	220	226	62	43	–	–	34.4

Table 42. **Age of Employed Persons of Spanish Origin by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total, 16 years and over	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 62 years	63 and 64 years	65 to 69 years	70 years and over	Median age (years)
Female employed—Con.																
Service workers, except private household—Con.																
Food service workers—Continued	26 240	2 571	2 540	4 893	3 390	2 975	2 866	2 653	1 786	1 370	831	213	62	65	25	29.6
Waiters	11 573	565	510	1 005	951	1 283	1 504	1 571	1 630	1 076	911	266	158	97	46	39.9
Food service workers, n.e.c., except private household	39 538	1 015	2 609	7 912	5 489	5 245	4 488	4 257	3 452	2 339	1 586	454	268	188	236	32.6
Health service workers	3 018	117	429	1 232	509	222	156	107	124	38	65	19	–	–	–	23.9
Dental assistants	4 012	219	518	903	455	221	495	383	305	267	104	–	93	23	26	29.0
Health aides, except nursing	335	26	38	188	25	17	–	41	–	–	–	–	–	–	–	...
Health trainees	79	–	–	22	–	16	–	–	–	–	21	–	20	–	–	...
Lay midwives	23 657	653	1 488	4 004	2 743	3 612	2 813	2 764	2 196	1 629	1 027	330	88	140	170	34.1
Nursing aides, orderlies, and attendants	8 437	–	136	1 563	1 757	1 157	1 024	962	827	405	369	105	67	25	40	33.3
Practical nurses	32 987	626	1 782	7 662	5 431	4 089	3 191	3 290	2 785	1 894	1 224	355	184	299	175	31.2
Personal service workers	706	–	–	390	286	17	–	13	–	–	–	–	–	–	–	24.5
Airline stewardesses	439	36	91	84	99	66	45	–	–	18	–	–	–	–	–	25.4
Attendants, recreation and amusement	877	–	40	141	121	99	93	163	77	85	19	18	–	21	–	37.0
Attendants, personal service, n.e.c	34	–	–	–	17	17	–	–	–	–	–	–	–	–	–	...
Baggage porters and bellhops	282	–	–	22	64	52	42	44	23	18	–	–	–	17	–	...
Barbers	130	–	–	–	19	–	14	–	21	39	–	18	–	19	–	...
Boarding and lodging house keepers	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Bootblacks																
Child care workers, except private household	4 489	298	269	589	498	403	512	515	552	243	199	126	110	103	72	36.8
Elevator operators	697	39	76	93	91	77	19	25	128	37	62	26	–	–	24	33.2
Hairdressers and cosmetologists	20 775	174	1 174	5 916	3 904	2 856	1 742	1 755	1 390	883	780	95	21	23	62	29.0
Personal service apprentices	72	–	–	–	48	–	–	–	–	–	24	–	–	–	–	...
Housekeepers, except private household	2 461	15	67	244	128	165	284	409	388	378	141	72	53	97	–	43.8
School monitors	962	7	22	38	104	213	164	173	153	71	–	–	–	–	17	38.0
Ushers, recreation and amusement	80	57	23	–	–	–	–	–	–	–	–	–	–	–	–	...
Welfare service aides	1 055	–	–	145	100	124	276	193	53	122	23	–	–	19	–	37.9
Protective service workers	1 570	–	38	121	123	277	359	219	252	–	54	43	21	–	63	38.1
Crossing guards and bridge tenders	847	–	–	53	62	130	193	176	169	–	21	43	–	–	–	39.6
Firemen, fire protection	18	–	–	–	–	–	18	–	–	–	–	–	–	–	–	...
Guards and watchmen	319	–	38	24	41	20	105	23	25	–	–	–	–	–	43	...
Marshals and constables	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Policemen and detectives	386	–	–	44	20	127	43	20	58	–	33	–	21	–	20	...
Public	240	–	–	22	20	63	43	–	58	–	33	–	21	–	–	...
Private	146	–	–	22	–	64	–	20	–	–	–	–	–	–	20	...
Sheriffs and bailiffs	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, except private household—Continued	14 219	1 168	991	2 373	1 871	1 364	1 277	1 317	1 448	817	562	384	148	312	338	33.0
Private household workers	**46 802**	**1 457**	**1 600**	**3 857**	**4 346**	**4 298**	**5 359**	**5 650**	**5 355**	**4 661**	**4 896**	**1 962**	**998**	**1 412**	**951**	**42.2**
Occupation																
Child care workers, private household	1 603	966	641	746	568	566	397	403	513	533	510	171	107	220	152	33.3
Cooks, private household	1 208	19	90	84	111	78	134	192	99	124	142	85	–	22	36	42.5
Housekeepers, private household	7 166	44	221	638	670	573	945	1 070	667	638	804	380	178	134	84	42.7
Laundresses, private household	293	–	–	–	35	20	93	17	21	20	35	–	19	33	–	...
Maids and servants, private household	28 437	413	647	1 972	2 308	2 519	3 461	3 752	3 739	3 006	3 223	1 216	636	981	564	43.9
Private household workers—allocated	3 293	96	171	419	404	522	322	216	316	140	182	110	58	22	115	33.4
Living arrangement																
Living in	9 451	136	319	1 171	1 591	914	1 264	1 094	941	672	784	167	98	207	73	37.3
Housekeepers, private household	2 180	–	28	210	388	155	314	361	170	215	229	50	21	39	–	39.9
Maids and servants, private household	6 111	93	184	824	1 008	619	854	605	688	354	515	117	77	100	73	36.9
Living out	37 351	1 301	1 281	2 686	2 755	3 384	4 095	4 556	4 414	3 989	4 112	1 795	900	1 205	878	43.5

OCCUPATIONAL CHARACTER

Table 43. Class of Worker of Employed Persons by Detailed Occupation and Sex: 1970

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total	Wage and salary workers					Self-employed workers	Unpaid family workers
		Private wage and salary workers		Government workers				
		Total	Employee of own corporation[1]	Total	Federal	State	Local	
Male, 16 years old and over	**47 730 661**	**35 975 960**	**970 970**	**6 711 592**	**2 190 565**	**1 617 682**	**2 903 345**	**4 918 213**	**124 896**
Professional, technical, and kindred workers	**6 875 878**	**4 081 394**	**100 184**	**2 058 777**	**516 465**	**681 722**	**860 590**	**732 732**	**2 975**
Accountants	531 518	383 354	3 865	85 730	45 885	26 946	12 899	62 372	62
Architects	54 194	30 740	3 404	6 717	3 477	1 760	1 480	16 716	21
Computer specialists	209 018	171 110	794	37 020	20 873	11 331	4 816	869	19
Computer programers	126 535	103 824	519	22 236	11 139	7 951	3 146	456	19
Computer systems analysts	71 165	57 506	216	13 311	8 787	2 969	1 555	348	–
Computer specialists, n.e.c	11 318	9 780	59	1 473	947	411	115	65	–
Engineers	1 213 071	987 193	14 438	200 120	115 745	51 334	33 041	25 758	–
Aeronautical and astronautical	67 235	59 980	122	6 960	6 837	63	60	295	–
Chemical	53 170	49 709	268	3 008	2 245	596	167	453	–
Civil	173 775	86 023	3 978	81 798	22 994	36 428	22 376	5 954	–
Electrical and electronic	280 429	242 661	1 496	35 066	27 546	4 080	3 440	2 702	–
Industrial	185 389	160 454	1 331	22 305	18 691	2 330	1 284	2 630	–
Mechanical	179 457	156 521	1 800	20 092	16 317	2 145	1 630	2 844	–
Metallurgical and materials	15 944	14 556	103	1 234	948	268	18	154	–
Mining	4 639	3 786	–	516	440	76	–	337	–
Petroleum	11 297	10 211	196	464	331	78	55	622	–
Sales	58 765	56 933	2 208	62	20	20	22	1 770	–
Engineers, n.e.c	182 971	146 359	2 936	28 615	19 376	5 250	3 989	7 997	–
Farm management advisors	7 323	743	–	6 542	1 541	3 298	1 703	38	–
Foresters and conservationists	38 660	5 859	80	31 954	17 952	11 996	2 006	829	18
Home management advisors	155	80	–	75	–	31	44	–	–
Lawyers and judges	263 506	72 480	6 875	48 280	16 985	14 118	17 177	142 651	95
Judges	12 281	–	–	12 281	993	5 892	5 396	–	–
Lawyers	251 225	72 480	6 875	35 999	15 992	8 226	11 781	142 651	95
Librarians, archivists, and curators	27 323	11 504	43	14 696	1 632	6 970	6 094	1 078	45
Librarians	22 520	9 132	–	12 762	992	6 186	5 584	581	45
Archivists and curators	4 803	2 372	43	1 934	640	784	510	497	–
Mathematical specialists	23 515	14 519	56	8 562	5 852	2 269	441	434	–
Actuaries	3 867	3 494	17	194	22	132	40	179	–
Mathematicians	5 971	2 934	–	2 905	2 609	249	47	132	–
Statisticians	13 677	8 091	39	5 463	3 221	1 888	354	123	–
Life and physical scientists	178 869	119 264	1 109	54 311	32 410	17 535	4 366	5 294	–
Agricultural	11 625	3 683	100	7 092	3 628	2 836	628	850	–
Atmospheric and space	5 269	1 117	–	4 152	3 961	170	21	–	–
Biological	19 028	7 252	46	11 531	4 833	5 383	1 315	245	–
Chemists	97 166	80 957	379	15 261	8 634	4 564	2 063	948	–
Geologists	19 811	13 416	503	3 647	2 137	1 371	139	2 748	–
Marine	3 207	496	–	2 664	2 183	380	101	47	–
Physicists and astronomers	21 712	11 795	81	9 461	6 667	2 716	78	456	–
Life and physical, n.e.c	1 051	548	–	503	367	115	21	–	–
Operations and systems researchers and analysts	71 787	58 158	173	13 396	10 888	1 432	1 076	233	–
Personnel and labor relations workers	200 950	147 399	3 078	50 342	21 831	21 231	7 280	3 104	105
Physicians, dentists, and related practitioners	494 779	161 665	33 403	48 611	14 299	21 186	13 126	284 357	146
Chiropractors	12 359	783	168	112	23	67	22	11 464	–
Dentists	89 800	8 557	3 465	3 339	1 348	1 174	817	77 904	–
Optometrists	16 797	3 443	709	100	45	38	17	13 225	29
Pharmacists	97 181	70 296	12 090	4 240	1 269	1 542	1 429	22 592	53
Physicians, medical and osteopathic	254 854	73 048	15 876	38 620	10 547	17 402	10 671	143 122	64
Podiatrists	5 391	441	172	147	106	19	22	4 803	–
Veterinarians	17 985	5 015	923	2 030	961	944	125	10 940	–
Health practitioners, n.e.c	412	82	–	23	–	–	23	307	–
Registered nurses, dietitians, and therapists	52 610	24 144	306	25 839	6 019	13 014	6 806	2 606	21
Dietitians	3 039	1 632	–	1 285	651	352	282	122	–
Registered nurses	21 983	10 755	153	9 877	2 162	5 268	2 447	1 351	–
Therapists	27 588	11 757	153	14 677	3 206	7 394	4 077	1 133	21
Health technologists and technicians	79 189	48 104	579	27 835	8 498	10 507	8 830	3 145	105
Clinical laboratory technologists and technicians	33 526	21 626	139	11 163	3 967	3 660	3 536	717	20
Dental hygienists	1 177	316	142	72	20	33	19	789	–
Health record technologists and technicians	692	397	–	295	83	107	105	–	–
Radiologic technologists and technicians	16 777	11 559	39	4 277	1 174	953	2 150	941	–
Therapy assistants	862	369	–	493	267	141	85	–	–
Health technologists and technicians, n.e.c	26 155	13 837	259	11 535	2 987	5 613	2 935	698	85
Religious workers	231 270	195 479	7 033	2 883	784	1 346	753	32 908	–
Clergymen	215 689	181 758	6 673	2 702	702	1 301	699	31 229	–
Religious workers, n.e.c	15 581	13 721	360	181	82	45	54	1 679	–
Social scientists	89 508	53 461	1 093	30 435	12 237	8 175	10 023	5 592	20
Economists	58 709	45 430	765	9 857	7 820	1 703	334	3 402	20
Political scientists	698	277	22	401	277	104	20	20	–
Psychologists	18 258	5 260	227	11 140	2 113	4 897	4 130	1 858	–
Sociologists	911	421	–	490	117	328	45	–	–
Urban and regional planners	8 208	1 491	39	6 572	589	626	5 357	145	–
Social scientists, n.e.c	2 724	582	40	1 975	1 321	517	137	167	–
Social and recreation workers	111 050	27 005	305	83 080	8 527	29 005	45 548	947	18
Social	81 162	13 457	77	67 153	6 903	25 640	34 610	552	–
Recreation	29 888	13 548	228	15 927	1 624	3 365	10 938	395	18

[1] Originally reported as "Self-employed in own incorporated business," see text.

Table 43. Class of Worker of Employed Persons by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total	Wage and salary workers					Self-employed workers	Unpa... fami... worke...
		Private wage and salary workers		Government workers				
		Total	Employee of own corporation[1]	Total	Federal	State	Local	
Male, 16 years old and over—Continued								
Professional, technical, and kindred workers—Con.	352 429	117 971		234 458	3 861	201 041	29 556	
Teachers, college and university	4 865	372		4 493	224	3 845	424	
Agriculture	4 223	1 313		2 910	42	2 543	325	
Atmospheric, earth, marine, and space	15 871	4 585		11 286	193	9 739	1 354	
Biology	13 522	4 708		8 814	199	7 732	883	
Chemistry	13 542	5 009		8 533	81	7 453	999	
Physics	15 985	4 503		11 482	275	10 099	1 108	
Engineering	20 757	6 323		14 434	169	12 255	2 010	
Mathematics	14 767	5 996		8 771	123	7 958	640	
Health specialties	9 002	3 078		5 924	48	5 087	789	
Psychology	9 473	2 691		6 782	52	5 386	1 344	
Business and commerce	9 257	3 100		6 157	80	5 559	518	
Economics	13 966	5 320		8 646	84	6 933	1 629	
History	5 190	1 807		3 383	18	2 941	424	
Sociology	9 973	3 055		6 918	83	5 825	1 010	
Social science teachers, n.e.c	19 859	7 051		12 808	81	10 697	2 030	
Art, drama, and music	12 516	4 394		8 122	17	6 887	1 218	
Coaches and physical education	5 343	1 379		3 964	70	3 712	182	
Education	22 791	7 640		15 151	259	12 304	2 788	
English	11 186	4 895		6 291	84	5 581	626	
Foreign language	329	17		312		312		
Home economics	2 808	1 104		1 704	55	1 574	75	
Law	4 289	3 590		699		331	368	
Theology	2 725	441		2 284	187	1 583	514	
Trade, industrial, and technical	14 096	4 201		9 895	86	8 576	1 233	
Miscellaneous teachers, college and university	96 094	31 399		64 695	1 301	56 329	7 065	
Teachers, except college and university	813 269	147 965	1 096	650 888	12 777	89 992	548 119	14 268
Adult education	26 967	13 717	198	12 706	3 682	4 552	4 472	504
Elementary school	231 024	36 572		194 452	2 825	29 591	162 036	
Public	194 452			194 452	2 825	29 591	162 036	
Private	36 572	36 572						
Prekindergarten and kindergarten	2 246	866		1 157	360	191	606	197
Public	1 157			1 157	360	191	606	
Private	1 089	866						197
Secondary school	507 957	74 628		433 329	3 089	51 998	378 242	
Public	433 329			433 329	3 089	51 998	378 242	
Private	74 628	74 628						
Teachers, except college and university, n.e.c	45 075	22 182	898	9 244	2 821	3 660	2 763	13 567
Engineering and science technicians	731 409	584 375	2 254	137 644	63 388	48 751	25 304	9 270
Agriculture and biological technicians, except health	21 985	15 753	58	5 580	1 361	3 367	402	702
Chemical technicians	50 819	44 920	121	5 644	1 583	3 286	815	265
Draftsmen	268 562	232 698	924	31 936	12 196	9 932	9 818	3 838
Electrical and electronic engineering	150 934	117 936	189	32 144	25 284	4 649	1 801	854
Industrial engineering	18 712	17 037		1 636	1 434	117	85	39
Mechanical engineering	13 133	12 075	17	1 011	698	221	82	47
Mathematical	578	322		256	149	83	24	
Surveyors	56 779	29 808	533	24 196	4 675	12 170	7 311	2 792
Engineering and science technicians, n.e.c	149 907	113 826	412	35 330	15 398	14 936	4 966	733
Technicians, except health, and engineering and science	139 820	83 571	857	52 988	35 937	7 152	9 899	3 213
Airplane pilots	51 374	46 957	531	2 696	1 237	843	116	1 673
Air traffic controllers	24 144			24 144	24 144			
Embalmers	4 759	4 079	217	140	49	37	54	540
Flight engineers	6 371	5 816	20	445	243	81	21	110
Radio operators	20 556	8 250	20	12 179	1 516	2 448	8 215	127
Tool programers, numerical control	2 467	2 195		256	195	61		16
Technicians, n.e.c	30 149	16 274	69	13 128	7 953	4 682	1 493	747
Vocational and educational counselors	59 234	12 560	181	46 153	3 026	17 185	25 942	393
Writers, artists, and entertainers	531 785	396 625	13 776	47 890	20 548	12 308	9 414	86 762
Actors	5 567	4 527	80	349	68	131	150	691
Athletes and kindred workers	36 115	24 027	784	4 951	692	1 775	2 779	6 947
Authors	17 322	9 739	247	1 836	1 510	267	59	5 645
Dancers	1 005	943		21		21		41
Designers	83 227	72 491	3 275	3 797	1 983	1 681	533	6 873
Editors and reporters	89 008	76 545	1 836	7 613	4 289	2 676	648	4 695
Musicians and composers	58 528	39 612	1 107	1 524	269	532	723	17 175
Painters and sculptors	65 934	42 782	1 969	4 020	2 353	1 017	650	18 968
Photographers	55 147	32 844	2 015	7 966	4 191	2 765	1 010	14 281
Public relations men and publicity writers	54 638	44 219	1 476	7 812	2 470	3 471	1 871	2 523
Radio and television announcers	20 361	19 194	126	949	324	440	185	218
Writers, artists, and entertainers, n.e.c	44 933	29 702	861	6 292	3 115	2 331	806	8 705
Research workers, not specified	87 263	48 767	342	37 096	12 985	22 340	1 771	1 273
Professional, technical, and kindred workers—allocated	282 374	177 299	5 044	76 033	18 698	24 269	33 076	28 622

[1] Originally reported as "Self-employed in own incorporated business," see text.

Table 43. **Class of Worker of Employed Persons by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total	Wage and salary workers						Self-employed workers	Unpaid family workers
		Private wage and salary workers		Government workers					
		Total	Employee of own corporation[1]	Total	Federal	State	Local		
Male, 16 years old and over—Continued									
Managers and administrators, except farm	**5 325 901**	**3 729 420**	**482 200**	**640 101**	**227 803**	**150 822**	**261 476**	**944 828**	**11 552**
Assessors, controllers, and treasurers; local public administration	17 348	–	–	17 348	–	–	17 348	–	–
Bank officers and financial managers	258 709	250 190	217	8 314	6 545	1 686	83	205	–
Buyers and shippers, farm products	20 196	13 123	951	110	24	65	21	6 856	107
Buyers, wholesale and retail trade	125 631	103 461	10 902	967	351	221	395	20 875	328
Credit men	44 902	43 962	284	549	215	116	218	391	–
Funeral directors	33 171	22 564	4 457	165	107	23	35	10 388	54
Health administrators	46 755	30 702	644	13 430	770	6 151	6 509	2 623	–
Construction inspectors; public administration	18 731	–	–	18 731	2 434	1 361	14 936	–	–
Inspectors, except construction; public administration	76 080	–	–	76 080	47 443	19 114	9 523	–	–
Federal public administration and postal service	47 443	–	–	47 443	47 443	–	–	–	–
State public administration	19 114	–	–	19 114	–	19 114	–	–	–
Local public administration	9 523	–	–	9 523	–	–	9 523	–	–
Managers and superintendents, building	50 367	33 990	1 995	5 317	1 571	1 348	2 398	10 425	635
Office managers, n.e.c.	129 097	117 336	4 169	9 684	4 152	2 980	2 552	2 051	26
Officers, pilots, and pursers; ship	23 879	19 906	591	1 618	668	722	228	2 294	61
Officials and administrators; public administration, n.e.c.	194 645	230	–	194 397	97 605	40 819	55 973	18	–
Federal public administration and postal service	97 605	–	–	97 605	97 605	–	–	–	–
State public administration	40 819	–	–	40 819	–	40 819	–	–	–
Local public administration	56 221	230	–	55 973	–	–	55 973	18	–
Officials of lodges, societies, and unions	40 140	40 140	–	–	–	–	–	–	–
Postmasters and mail superintendents	23 964	–	–	23 964	23 964	–	–	–	–
Purchasing agents and buyers, n.e.c.	140 076	113 036	1 720	24 668	13 956	6 486	4 226	2 333	39
Railroad conductors	40 701	39 294	–	1 407	357	522	528	–	–
Restaurant, cafeteria, and bar managers	213 572	125 655	27 927	2 112	707	604	801	84 458	1 347
Sales managers and department heads, retail trade	160 848	154 641	6 236	673	266	135	272	5 348	186
Sales managers, except retail trade	245 741	239 998	8 489	1 979	1 217	585	177	3 674	90
School administrators, college	29 726	14 233	451	14 526	368	11 622	2 536	967	–
School administrators, elementary and secondary	125 918	15 724	442	109 582	997	16 067	92 518	612	–
Managers and administrators, n.e.c., salaried	2 312 560	2 222 767	399 758	89 793	14 192	34 100	41 501	–	–
Construction	234 925	216 041	69 624	18 884	1 695	8 922	8 267	–	–
Durable goods manufacturing	360 483	357 654	47 809	2 829	2 412	140	277	–	–
Nondurable goods, incl. not specified manufacturing	254 863	254 120	35 597	743	277	291	175	–	–
Transportation	116 052	112 609	14 791	3 443	443	706	2 294	–	–
Communications, and utilities and sanitary services	90 608	77 730	3 025	12 878	1 097	1 202	10 579	–	–
Wholesale trade	214 289	213 725	50 220	564	175	147	242	–	–
Retail trade	569 542	563 486	109 195	6 056	2 041	2 427	1 588	–	–
Hardware, farm equipment, and building material retailing	47 283	47 066	14 160	217	24	87	106	–	–
General merchandise stores	74 688	73 578	4 462	1 110	937	82	91	–	–
Food stores	121 903	121 130	14 721	773	417	161	195	–	–
Motor vehicles and accessories retailing	95 607	95 356	20 475	251	63	111	77	–	–
Gasoline service stations	63 142	62 655	11 554	487	249	59	179	–	–
Apparel and accessories stores	38 247	38 094	7 883	153	106	23	24	–	–
Furniture, home furnishings, and equipment stores	36 123	35 963	12 568	160	61	36	63	–	–
Other retail trade	92 549	89 644	23 372	2 905	184	1 868	853	–	–
Finance, insurance, and real estate	131 286	127 825	14 150	3 461	1 532	364	1 565	–	–
Business and repair services	110 569	109 185	25 319	1 384	360	284	740	–	–
Personal services	60 359	60 074	13 495	285	91	118	76	–	–
All other industries[2]	169 584	130 318	16 533	39 266	4 069	19 499	15 698	–	–
Managers and administrators, n.e.c., self-employed	763 095	–	–	–	–	–	–	754 977	8 118
Construction	137 494	–	–	–	–	–	–	136 952	542
Durable goods manufacturing	35 945	–	–	–	–	–	–	35 417	528
Nondurable goods, incl. not specified manufacturing	24 580	–	–	–	–	–	–	24 375	205
Transportation	18 367	–	–	–	–	–	–	18 125	242
Communications, and utilities and sanitary services	2 031	–	–	–	–	–	–	2 008	23
Wholesale trade	52 088	–	–	–	–	–	–	51 797	291
Retail trade	346 644	–	–	–	–	–	–	343 147	3 497
Hardware, farm equipment, and building material retailing	26 868	–	–	–	–	–	–	26 738	130
General merchandise stores	15 934	–	–	–	–	–	–	15 568	366
Food stores	84 545	–	–	–	–	–	–	83 277	1 268
Motor vehicles and accessories retailing	23 643	–	–	–	–	–	–	23 379	264
Gasoline service stations	96 902	–	–	–	–	–	–	96 386	516
Apparel and accessories stores	14 445	–	–	–	–	–	–	14 315	130
Furniture, home furnishings, and equipment stores	23 448	–	–	–	–	–	–	23 354	94
Other retail trade	60 859	–	–	–	–	–	–	60 130	729
Finance, insurance, and real estate	20 393	–	–	–	–	–	–	19 877	516
Business and repair services	45 851	–	–	–	–	–	–	45 431	420
Personal services	47 114	–	–	–	–	–	–	46 081	1 033
All other industries[2]	32 588	–	–	–	–	–	–	31 767	821
Managers and administrators, except farm—allocated	190 049	128 468	12 967	24 687	9 894	6 095	8 698	36 333	561

[1]Originally reported as "Self-employed in own incorporated business," see text. [2]Includes transportation, communications, and other public utilities—allocated.

Table 43. Class of Worker of Employed Persons by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total	Wage and salary workers						Self-employed workers	Unpaid family workers
		Private wage and salary workers		Government workers					
		Total	Employee of own corporation[1]	Total	Federal	State	Local		
Male, 16 years old and over—Continued									
Sales workers	**3 290 269**	**2 832 459**	**136 335**	**30 823**	**9 999**	**12 015**	**8 809**	**419 490**	**7 497**
Advertising agents and salesmen	51 709	47 241	1 709	236	61	78	97	4 213	19
Auctioneers	4 966	2 131	259	181	139	–	42	2 614	40
Demonstrators	3 675	3 012	74	64	21	–	43	557	42
Hucksters and peddlers	25 341	16 033	669	148	48	23	77	9 060	100
Insurance agents, brokers, and underwriters	401 910	340 290	14 390	2 677	1 308	801	568	58 821	122
Newsboys	53 733	46 052	195	462	182	100	180	7 050	169
Real estate agents and brokers	176 967	113 546	15 330	1 249	457	253	539	61 816	356
Stock and bond salesmen	89 649	79 978	2 838	355	195	54	106	9 226	90
Salesmen and sales clerks, n.e.c	2 318 423	2 047 682	96 608	17 718	4 450	8 356	4 912	247 056	5 967
Sales representatives, manufacturing industries	378 659	361 813	13 023	811	269	266	276	15 824	211
Sales representatives, wholesale trade	595 690	534 139	28 581	1 204	417	349	438	59 869	478
Sales clerks, retail trade	797 474	676 771	26 536	8 930	1 648	5 168	2 114	107 608	4 165
General merchandise stores	157 940	149 249	1 384	1 153	706	101	346	7 234	304
Food stores	121 603	91 910	2 935	714	408	51	255	27 490	1 489
Apparel and accessories stores	127 204	116 228	4 963	389	105	119	165	10 235	352
Other sales clerks, retail trade	390 727	319 384	17 254	6 674	429	4 897	1 348	62 649	2 020
Salesmen, retail trade	397 222	343 468	21 587	704	290	190	224	52 210	840
Motor vehicles and accessories dealers	205 354	181 485	9 317	289	213	18	58	23 332	248
Salesmen of services and construction	149 378	131 491	6 881	6 069	1 826	2 383	1 860	11 545	273
Sales workers—allocated	163 896	136 494	4 263	7 733	3 138	2 350	2 245	19 077	592
Clerical and kindred workers	**3 632 956**	**2 616 406**	**31 322**	**957 643**	**692 685**	**127 462**	**137 496**	**54 413**	**4 494**
Bank tellers	34 834	32 650	44	1 990	1 258	379	353	155	39
Billing clerks	19 035	17 961	43	956	431	206	319	118	–
Bookkeepers	278 213	228 895	6 372	33 323	14 733	7 734	10 856	15 109	886
Cashiers	132 575	117 505	639	11 522	1 520	6 665	3 337	2 920	628
Clerical assistants, social welfare	339	42	–	283	91	97	95	14	–
Clerical supervisors, n.e.c	63 426	27 714	343	35 487	30 540	2 511	2 436	206	19
Collectors, bill and account	32 731	29 286	558	1 578	441	195	942	1 806	61
Counter clerks, except food	73 480	68 510	547	3 546	1 027	1 631	888	1 223	201
Dispatchers and starters, vehicle	49 109	41 257	895	7 187	2 581	768	3 838	566	99
Enumerators and interviewers	13 481	3 990	120	9 272	7 895	752	625	219	–
Estimators and investigators, n.e.c	163 496	130 135	5 690	27 252	17 233	6 289	3 730	6 084	25
Expediters and production controllers	156 234	138 400	497	17 371	13 716	1 378	2 277	425	38
File clerks	65 174	44 916	182	19 744	10 021	4 479	5 244	446	68
Insurance adjusters, examiners, and investigators	71 626	67 014	1 027	2 500	673	1 683	144	2 112	–
Library attendants and assistants	26 451	9 951	–	16 409	1 325	7 716	7 368	30	61
Mail carriers, post office	234 234	–	–	234 234	234 234	–	–	–	–
Mail handlers, except post office	70 572	56 200	63	13 907	7 228	5 090	1 589	422	43
Messengers, including telegraph, and office boys	44 226	37 627	68	5 921	2 242	1 975	1 704	457	221
Meter readers, utilities	32 188	21 238	–	10 934	149	266	10 519	16	–
Office machine operators	149 103	124 745	316	23 705	11 827	8 264	3 614	615	38
Bookkeeping and billing machine	6 731	5 603	40	1 079	781	126	172	49	–
Calculating machine	3 308	2 932	18	355	137	199	19	21	–
Computer and peripheral equipment	84 923	71 649	87	13 115	6 881	4 530	1 704	159	–
Duplicating machine	8 739	6 029	–	2 578	833	1 220	525	117	15
Keypunch	29 416	25 207	79	3 960	2 047	1 285	628	249	–
Tabulating machine	4 316	3 590	24	726	224	337	165	–	–
Office machine, n.e.c	11 670	9 735	68	1 892	924	567	401	20	23
Payroll and timekeeping clerks	48 231	39 661	96	8 400	5 043	1 309	2 048	170	–
Postal clerks	205 259	–	–	205 259	205 259	–	–	–	–
Proofreaders	7 627	6 606	–	937	630	250	57	84	–
Real estate appraisers	21 550	8 890	932	8 651	2 831	2 481	3 339	3 986	23
Receptionists	16 613	10 018	41	6 299	2 107	2 652	1 540	233	63
Secretaries	62 487	53 099	5 309	8 399	2 457	2 485	3 457	720	269
Secretaries, legal	1 289	983	–	270	22	99	149	36	–
Secretaries, medical	804	648	–	95	18	–	77	61	–
Shipping and receiving clerks	353 729	342 754	740	9 960	6 099	1 975	1 886	933	82
Statistical clerks	86 878	64 486	367	21 664	8 907	4 783	7 974	728	–
Stenographers	8 549	2 955	105	4 471	756	1 458	2 257	1 123	–
Stock clerks and storekeepers	351 589	301 659	602	47 824	28 308	10 470	9 046	1 729	377
Teacher aides, except school monitors	13 530	3 684	–	9 801	768	4 365	4 668	–	45
Telegraph operators	9 322	9 007	22	315	135	37	143	–	–
Telephone operators	23 175	19 688	41	3 347	867	970	1 510	96	44
Ticket, station, and express agents	62 714	58 842	178	3 421	915	689	1 817	429	22
Typists	57 220	39 284	109	17 159	8 385	4 120	4 654	696	81
Weighers	27 405	24 708	101	2 617	484	1 450	683	60	20

[1]Originally reported as "Self employed in own incorporated business," see text.

Table 43. Class of Worker of Employed Persons by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total	Wage and salary workers						Self-employed workers	Unpaid family workers
		Private wage and salary workers		Government workers					
		Total	Employee of own corporation[1]	Total	Federal	State	Local		
Male, 16 years old and over—Continued									
Clerical and kindred workers—Continued									
Miscellaneous and not specified clerical workers	363 741	283 782	2 740	75 360	29 084	22 302	23 974	4 054	545
Occupation:									
Miscellaneous clerical workers	166 533	130 319	746	34 098	11 135	10 522	12 441	1 928	188
Not specified clerical workers	197 208	153 463	1 994	41 262	17 949	11 780	11 533	2 126	357
Industry:									
Manufacturing	88 004	85 626	516	1 997	1 609	124	264	381	–
Transportation, communications, and other public utilities	60 052	55 865	194	3 877	666	471	2 740	241	69
Wholesale and retail trade	61 618	59 187	943	956	364	212	380	1 336	139
Finance, insurance, and real estate	38 678	36 696	163	1 473	763	222	488	509	–
Professional and related services	35 697	18 403	62	16 846	1 479	9 702	5 665	351	97
Public administration	46 293	–	–	46 293	23 583	9 339	13 371	–	–
All other industries	33 399	28 005	862	3 918	620	2 232	1 066	1 236	240
Clerical and kindred workers—allocated	202 810	149 247	2 535	46 638	30 485	7 588	8 565	6 429	496
Craftsmen and kindred workers	**10 121 156**	**8 455 557**	**108 919**	**824 829**	**332 752**	**172 621**	**319 456**	**829 756**	**11 014**
Automobile accessories installers	6 553	5 583	188	52	16	36	–	918	–
Bakers	76 980	65 325	2 481	2 480	747	1 099	634	8 891	284
Cabinetmakers	63 462	48 835	1 142	1 992	690	480	822	12 569	66
Carpet installers	44 307	32 979	816	289	41	60	188	10 983	56
Construction craftsmen	2 775 379	2 137 704	37 003	241 738	75 809	56 789	109 140	391 946	3 991
Brickmasons and stonemasons	163 188	133 719	3 083	4 221	975	1 120	2 126	25 201	47
Brickmasons and stonemasons, apprentices	3 833	3 603	–	230	46	50	134	–	–
Bulldozer operators	87 425	65 732	927	13 078	1 485	3 580	8 013	8 480	135
Carpenters	841 024	644 446	10 721	39 728	15 925	9 905	13 898	154 688	2 162
Carpenter apprentices	8 444	8 119	–	311	158	153	–	14	–
Cement and concrete finishers	67 416	57 226	829	3 259	578	591	2 090	6 916	15
Electricians	472 332	396 645	5 318	47 343	24 300	7 820	15 223	28 111	233
Electrician apprentices	21 002	19 780	–	1 222	844	117	261	–	–
Excavating, grading, and road machine operators, except bulldozer	225 192	147 669	2 242	62 433	3 793	18 055	40 585	14 833	257
Floor layers, except tile setters	20 869	15 279	841	433	179	61	193	5 091	66
Painters, construction and maintenance	317 476	200 800	3 545	34 209	12 134	8 891	13 184	81 867	600
Painter apprentices	1 488	1 423	–	65	65	–	–	–	–
Paperhangers	9 293	3 586	171	62	22	21	19	5 645	–
Plasterers	28 814	21 765	662	1 407	408	392	607	5 618	24
Plasterer apprentices	602	583	–	19	–	–	19	–	–
Plumbers and pipe fitters	380 311	311 646	6 643	31 345	14 772	5 200	11 373	37 006	314
Plumber and pipe fitter apprentices	14 405	13 964	–	441	284	43	114	–	–
Roofers and slaters	57 585	46 237	914	810	219	122	469	10 463	75
Structural metal craftsmen	73 407	69 295	272	2 783	766	948	1 069	1 309	20
Tile setters	31 047	23 659	835	627	253	83	291	6 718	43
Cranemen, derrickmen, and hoistmen	151 779	142 296	625	7 942	3 509	1 379	3 054	1 460	81
Decorators and window dressers	29 777	24 215	1 083	235	38	55	142	5 231	96
Dental laboratory technicians	20 603	14 957	926	816	719	97	–	4 830	–
Electric power linemen and cablemen	101 007	88 439	47	12 347	1 676	948	9 723	221	–
Engravers, except photoengravers	6 016	4 826	118	443	263	100	80	685	62
Foremen, n.e.c	1 444 526	1 319 110	16 429	106 051	36 009	25 923	44 119	18 756	609
Construction	151 960	121 841	3 573	24 376	1 083	11 720	11 573	5 565	178
Manufacturing	839 034	822 306	6 403	10 838	8 331	985	1 522	5 723	167
Metal industries	140 802	139 311	1 094	750	239	98	413	721	20
Machinery, except electrical	87 132	85 939	1 076	422	136	124	162	771	–
Electrical machinery, equipment, and supplies	74 385	73 806	163	467	309	49	109	90	22
Transportation equipment	105 185	100 479	104	4 445	4 150	144	151	261	–
Other durable goods	124 848	120 098	1 227	2 689	2 291	155	243	1 936	125
Food and kindred products	60 460	59 805	430	224	40	79	105	431	–
Textiles, textile products, and apparel	63 711	62 667	1 206	393	141	79	173	651	–
Other nondurable goods, including not specified manufacturing	182 511	180 201	1 103	1 448	1 025	257	166	862	–
Transportation	68 571	64 179	928	3 433	732	664	2 037	938	21
Communications, and utilities and sanitary services	78 557	61 919	89	16 475	1 158	1 101	14 216	163	–
Wholesale and retail trade	153 529	148 968	3 665	1 147	703	196	248	3 315	99
All other industries[2]	152 875	99 897	1 771	49 782	24 002	11 257	14 523	3 052	144
Furniture and wood finishers	18 154	15 079	257	456	80	61	315	2 603	16
Furriers	2 245	1 572	172	131	88	21	22	542	–
Glaziers	24 330	21 182	689	675	43	159	473	2 417	56
Inspectors, scalers, and graders; log and lumber	15 945	15 225	100	508	336	41	131	187	25
Inspectors, n.e.c	108 199	71 699	220	35 585	3 755	18 552	13 278	861	54
Construction	22 250	3 189	68	18 775	717	14 705	3 353	252	34
Railroads and railway express service	23 888	23 096	-	792	324	221	247	-	-

[1] Originally reported as "Self employed in own incorporated business," see text. [2] Includes transportation, communications, and other public utilities—allocated.

Table 43. Class of Worker of Employed Persons by Detailed Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

United States

	Total	Wage and salary workers					Self-employed workers
		Private wage and salary workers		Government workers			
		Total	Employee of own corporation[1]	Total	Federal	State	Local	
Male, 16 years old and over—Continued								
Craftsmen and kindred workers—Continued								
Jewelers and watchmakers	32 709	19 289	1 373	284	157		127	13 051
Locomotive engineers	49 838	48 194	20	1 623	748	454	421	21
Locomotive firemen	12 672	12 255		417	103	208	106	-
Mechanics and repairmen	2 409 844	1 971 468	24 199	226 765	116 032	35 454	75 279	208 292
Air conditioning, heating, and refrigeration	117 717	91 003	2 795	12 048	7 155	2 522	2 371	14 553
Aircraft	140 155	103 334	314	36 119	34 042	1 635	437	702
Automobile body repairmen	107 138	90 063	1 863	1 614	860	380	374	15 141
Automobile mechanics	802 556	640 590	10 731	56 304	16 588	10 640	29 076	104 034
Automobile mechanic apprentices	3 129	2 998		131	59		72	-
Data processing machine repairmen	31 198	30 151	69	873	292	40	41	174
Farm implement	32 324	29 774	305	410	169	157	84	2 046
Heavy equipment mechanics, including diesel	567 987	511 185	1 840	47 688	22 118	9 025	16 545	8 877
Household appliance and accessory installers and mechanics	120 506	94 531	1 007	13 228	872	2 392	9 964	12 712
Loom fixers	20 884	20 769	46	44	22		22	71
Office machine	40 048	36 940	244	1 247	661	255	321	1 851
Radio and television	135 309	84 630	2 516	20 124	15 086	2 341	2 697	30 166
Railroad and car shop	54 226	49 648		4 506	1 194	791	2 521	72
Mechanics, except auto, apprentices	6 914	6 422		392	340	93	59	-
Miscellaneous mechanics and repairmen, including mechanics, except auto, apprentices	170 825	131 325	1 676	24 364	14 233	3 058	7 533	14 725
Manufacturing	49 276	46 263	151	2 893	2 570	125	198	491
Not specified mechanics and repairmen	68 971	57 525	793	8 206	2 695	2 218	3 293	3 168
Manufacturing	25 659	25 102	126	444	348	23	73	113
Metal craftsmen, except mechanics	1 068 311	995 815	6 369	52 847	40 464	5 511	6 872	19 460
Blacksmiths	10 105	5 470	101	897	241	194	422	3 742
Boilermakers	29 830	26 195	87	3 186	2 102	446	638	449
Forgemen and hammermen	14 837	14 339	48	493	243	17	123	115
Heat treaters, annealers, and temperers	20 981	20 563	38	399	365	17	17	19
Job and die setters, metal	82 162	81 353	206	510	237	22	251	281
Machinists	367 542	338 470	1 920	24 342	17 903	2 897	3 338	4 865
Machinist apprentices	9 524	8 687		837	672	80	84	-
Millwrights	78 419	76 461	86	1 420	920	203	297	515
Molders, metal	46 499	45 197	161	738	449	94	195	584
Molder apprentices	630	568		20	20			42
Pattern and model makers, except paper	36 737	34 248	366	1 498	1 435	19	44	991
Rollers and finishers, metal	18 999	18 822	39	130	39	26	65	27
Sheetmetal workers and tinsmiths	152 842	135 553	1 078	12 836	10 850	938	1 050	4 451
Sheetmetal apprentices	5 461	5 029		432	432			-
Shipfitters	9 914	7 197		2 667	2 567	55	45	60
Tool and die makers	199 444	191 947	2 239	4 089	3 089	613	387	3 361
Tool and die maker apprentices	9 301	9 200		101	19	61	21	-
Millers; grain, flour, and feed	7 230	6 666	67	59		17	42	467
Motion picture projectionists	14 913	13 270	68	1 580	152	816	272	361
Opticians, and lens grinders and polishers	21 615	19 505	662	226	160	66	44	1 816
Piano and organ tuners and repairmen	6 584	2 571	20	37		37		3 976
Power station operators	17 574	14 174	23	3 425	1 678	544	1 453	25
Printing craftsmen	333 117	307 550	3 491	15 426	8 498	4 150	2 778	9 800
Bookbinders	15 002	13 409	177	1 408	824	350	234	185
Compositors and typesetters	136 139	124 418	1 645	5 586	2 864	1 638	1 084	5 943
Printing trades apprentices, except pressmen	5 774	5 507		267	134	25	108	-
Electrotypers and stereotypers	6 577	6 471	20	106	69		37	-
Photoengravers and lithographers	29 659	27 931	539	868	735	62	63	868
Pressmen and plate printers, printing	145 740	135 321	1 110	7 466	4 106	2 100	1 360	2 804
Pressman apprentices	2 791	2 705		86	43	22	23	-
Shoe repairmen	24 324	11 024	410	834	69	183	66	12 948
Sign painters and letterers	17 480	8 761	424	1 992	491	726	715	6 766
Stationary engineers	171 675	124 645	477	45 099	8 663	7 521	29 507	1 895
Stone cutters and stone carvers	5 910	4 951	206	59	21		38	841
Tailors	47 578	39 861	709	621	314	81	226	7 096
Telephone installers and repairmen	230 769	225 357	298	4 822	2 546	756	1 530	570
Telephone linemen and splicers	51 660	50 515	85	904	308	22	574	223
Upholsterers	50 874	36 983	980	926	326	300	323	12 814
Craftsmen and kindred workers, n.e.c	77 150	65 498	531	6 918	4 870	942	1 156	4 665
Former members of the Armed Forces	346			346	346			-
Craftsmen and kindred workers—allocated	579 721	468 179	6 296	48 279	28 950	9 033	15 806	61 569

[1]Originally reported as "Self-employed in own incorporated business," see text

Table 43. Class of Worker of Employed Persons by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total	Wage and salary workers						Self-employed workers	Unpaid family workers
		Private wage and salary workers		Government workers					
		Total	Employee of own corporation[1]	Total	Federal	State	Local		
Male, 16 years old and over—Continued									
Operatives, except transport	**6 480 089**	**6 104 227**	**28 481**	**220 891**	**106 587**	**41 600**	**72 704**	**147 323**	**7 648**
Asbestos and insulation workers	23 883	22 228	139	892	697	75	120	763	–
Assemblers	484 066	469 722	816	11 183	7 421	1 203	2 559	2 987	174
Blasters and powdermen	7 136	6 476	–	501	501	–	–	159	–
Bottling and canning operatives	30 824	30 380	119	320	101	73	146	124	–
Chainmen, rodmen, and axmen; surveying	11 081	7 578	–	3 409	287	1 626	1 496	94	–
Checkers, examiners, and inspectors; manufacturing	360 105	346 574	243	12 438	8 650	1 655	2 133	954	139
Clothing ironers and pressers	46 448	42 112	447	785	338	119	328	3 319	232
Cutting operatives, n.e.c	126 863	123 458	369	1 745	639	259	847	1 535	125
Dressmakers and seamstresses, except factory	4 194	2 804	121	165	130	–	35	1 181	44
Drillers, earth	54 019	46 103	840	1 392	525	603	264	6 406	118
Dry wall installers and lathers	45 340	39 583	564	247	147	40	60	5 432	78
Dyers	21 851	21 538	70	173	66	19	88	118	22
Garage workers and gas station attendants	408 247	378 689	3 038	5 222	2 047	767	2 408	22 036	2 300
Graders and sorters, manufacturing	13 343	12 951	87	209	116	53	40	183	–
Produce graders and packers, except factory and farm	7 202	6 867	84	169	169	–	–	133	33
Laundry and drycleaning operatives, n.e.c	62 080	44 747	1 438	6 268	1 543	3 011	1 714	10 688	377
Meat cutters and butchers, except manufacturing	192 588	171 949	3 671	4 902	3 239	1 078	585	15 377	360
Meat cutters and butchers, manufacturing	49 025	47 627	146	329	59	59	211	1 030	39
Meat wrappers, retail trade	3 008	2 855	–	69	51	–	18	84	–
Metalworking operatives, except precision machine	838 801	791 010	3 182	26 978	16 205	3 682	7 091	20 328	485
Filers, polishers, sanders, and buffers	92 884	89 608	202	1 408	762	143	503	1 753	115
Furnacemen, smeltermen, and pourers	60 839	59 434	68	1 104	556	242	306	281	20
Heaters, metal	6 880	6 770	19	110	65	21	24	–	–
Metal platers	29 167	27 249	245	1 505	1 292	107	106	391	22
Punch and stamping press operatives	114 990	113 175	295	1 411	681	118	612	382	22
Riveters and fasteners	14 332	13 743	–	508	338	84	86	64	17
Solderers	6 788	6 341	44	376	236	42	98	71	–
Welders and flame-cutters	512 921	474 690	2 309	20 556	12 275	2 925	5 356	17 386	289
Milliners	216	194	–	22	–	–	22	–	–
Mine operatives, n.e.c	152 752	148 668	787	1 488	382	340	766	2 508	88
Coal mining	46 977	45 914	254	452	93	114	245	611	–
Crude petroleum and natural gas extractions	63 503	61 839	268	687	200	175	312	913	64
Mining and quarrying, except fuel	42 272	40 915	265	349	89	51	209	984	24
Mixing operatives	65 917	64 746	180	788	416	187	185	312	71
Oilers and greasers, except auto	43 981	41 234	23	2 616	1 053	443	1 120	111	20
Packers and wrappers, except meat and produce	197 443	187 403	302	9 125	7 204	609	1 312	841	74
Painters, manufactured articles	99 041	94 245	496	2 205	1 347	260	598	2 492	99
Photographic process workers	33 587	29 156	382	3 377	1 356	949	1 072	1 012	42
Precision machine operatives	376 508	366 107	1 131	5 909	3 933	613	1 363	4 455	37
Drill press operatives	55 770	54 430	19	1 069	764	114	191	271	–
Grinding machine operatives	125 189	121 106	523	1 758	943	128	687	2 325	–
Lathe and milling machine operatives	131 611	128 254	338	2 313	1 757	250	306	1 007	37
Precision machine operatives, n.e.c	63 938	62 317	251	769	469	121	179	852	–
Sailors and deckhands	25 408	22 062	106	3 155	1 948	647	560	191	–
Sawyers	92 772	87 591	361	903	351	129	423	4 191	87
Sewers and stitchers	53 653	51 318	561	728	273	131	324	1 572	35
Shoemaking machine operatives	23 403	23 073	–	184	57	58	69	146	–
Stationary firemen	90 106	66 575	108	23 203	5 607	5 717	11 879	328	–
Textile operatives	196 408	194 154	463	1 311	382	275	654	943	–
Carding, lapping, and combing operatives	14 874	14 699	–	81	41	–	40	94	–
Knitters, loopers, and toppers	10 877	10 701	118	86	22	–	64	90	–
Spinners, twisters, and winders	56 172	55 700	131	296	89	72	135	176	–
Weavers	22 718	22 261	59	185	–	113	72	272	–
Textile operatives, n.e.c	91 767	90 793	155	663	230	90	343	311	–
Winding operatives, n.e.c	29 542	28 697	156	301	80	67	154	488	56
Miscellaneous and not specified operatives	1 804 458	1 712 994	5 750	67 452	30 599	12 119	24 734	22 409	1 603
Occupation:									
Machine operatives, miscellaneous specified	738 305	712 744	2 205	17 413	9 511	2 139	5 763	7 658	490
Machine operatives, not specified	407 172	391 041	906	13 732	6 009	2 113	5 610	2 190	209
Miscellaneous operatives	444 699	405 710	1 784	29 287	11 038	6 813	11 436	8 967	735
Not specified operatives	214 282	203 499	855	7 020	4 041	1 054	1 925	3 594	169
Industry:									
Manufacturing	1 512 637	1 476 989	3 704	23 153	13 707	2 672	6 774	11 671	824
Durable goods	875 923	851 905	1 994	15 914	10 164	1 594	4 156	7 674	430
Lumber and wood products, except furniture	61 105	58 822	404	379	100	111	168	1 799	105
Furniture and fixtures	35 270	34 738	167	283	45	37	201	214	35
Stone, clay, and glass products	81 099	79 773	128	403	178	17	208	900	23
Glass and glass products	28 634	28 364	38	91	17	17	57	179	–
Cement, concrete, gypsum, and plaster products	19 358	18 729	50	157	81	–	76	472	–
Other stone, clay, and glass products	33 107	32 680	40	155	80	–	75	249	23

[1] Originally reported as "Self-employed in own incorporated business," see text.

Table 43. Class of Worker of Employed Persons by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total	Wage and salary workers						Self-employed workers	Unpaid family workers
		Private wage and salary workers		Government workers					
		Total	Employee of own corporation[1]	Total	Federal	State	Local		
Male, 16 years old and over—Continued									
Operatives, except transport—Continued									
Miscellaneous and not specified operatives—Continued									
Industry—Continued									
Manufacturing—Continued									
Durable goods—Continued									
Primary metal industries	161 760	159 859	111	1 775	669	208	898	126	-
Blast furnaces, steel works, and rolling and finishing mills	58 915	58 131	18	705	255	60	390	79	-
Other primary iron and steel industries	46 265	45 658	40	572	216	91	265	35	-
Primary nonferrous industries	56 580	56 070	53	498	198	57	243	12	-
Fabricated metal industries, including not specified metal	104 673	102 992	168	966	427	106	433	650	65
Cutlery, hand tools, and other hardware	10 086	9 939	43	67	48	-	19	80	-
Fabricated structural metal products	27 089	26 575	50	384	219	33	132	130	-
Screw machine products, & metal stamping	17 964	17 736	16	141	92	9	40	41	46
Miscellaneous fabricated metal products and not specified metal	49 534	48 742	59	374	68	64	242	399	19
Machinery, except electrical	126 911	124 979	382	899	402	86	411	946	87
Farm machinery and equipment	10 631	10 537	-	74	25	-	49	20	-
Construction & material handling machines	18 136	17 972	-	64	25	-	39	81	19
Metalworking machinery	23 688	23 447	104	113	22	17	74	107	21
Office and accounting machines, and electronic computing equipment	8 710	8 654	19	36	36	-	-	20	-
Other machinery, except electrical	65 746	64 369	259	612	294	69	249	718	47
Electrical machinery, equipment, and supplies	91 222	89 470	58	1 406	623	217	566	346	-
Household appliances	12 700	12 487	-	174	43	-	131	39	-
Radio, T.V., and communication equipment	20 279	19 865	-	339	170	63	106	75	-
Electrical machinery, equipment, and supplies, n.e.c	52 309	51 404	58	720	300	132	288	185	-
Not specified electrical machinery, equipment, and supplies	5 934	5 714	-	173	110	22	41	47	-
Transportation equipment	130 507	124 644	177	5 393	4 492	240	661	427	43
Motor vehicles & motor vehicle equipment	73 391	72 510	95	636	194	74	368	202	43
Aircraft and parts	34 425	32 175	62	2 142	1 868	51	223	108	-
Other transportation equipment	22 691	19 959	20	2 615	2 430	115	70	117	-
Professional and photographic equipment, and watches	20 071	19 816	-	172	59	20	93	83	-
Professional equipment and supplies	12 465	12 316	-	129	59	20	50	20	-
Ordnance	15 037	11 799	-	3 214	2 957	163	94	24	-
Miscellaneous manufacturing industries	44 153	41 017	399	947	185	389	373	2 117	72
Durable goods—allocated	4 115	3 996	-	77	27	-	50	42	-
Nondurable goods	625 071	613 889	1 659	6 859	3 360	980	2 519	3 956	367
Food and kindred products	135 578	132 182	554	1 273	245	280	748	1 993	130
Meat products	29 307	28 772	130	332	108	103	121	203	-
Dairy products	21 590	20 970	188	214	23	70	121	406	-
Canning and preserving fruits, vegetables, and seafoods	15 593	15 330	22	129	17	27	85	109	25
Bakery products	11 832	11 542	25	116	15	-	101	130	44
Beverage industries	12 334	12 237	20	86	40	-	46	11	-
Other food and kindred products	44 922	43 331	169	396	42	80	274	1 134	61
Tobacco manufactures	9 168	9 121	-	47	19	-	28	-	-
Apparel and other fabricated textile products	22 312	21 879	172	218	18	101	99	215	-
Apparel and accessories	16 387	16 184	128	93	18	-	75	110	-
Miscellaneous fabricated textile products	5 925	5 695	44	125	-	101	24	105	-
Paper and allied products	135 537	134 413	207	964	152	126	686	143	17
Pulp, paper, and paperboard mills	73 832	73 277	58	408	17	126	265	130	17
Miscellaneous paper and pulp products	21 429	21 221	107	208	57	-	151	-	-
Paperboard containers and boxes	40 276	39 915	42	348	78	-	270	13	-
Printing, publishing, and allied industries	42 967	41 436	193	1 028	776	154	98	425	78
Printing, publishing, and allied industries, except newspapers	35 176	33 771	193	1 021	776	147	98	326	58
Chemicals and allied products	123 031	120 334	168	2 258	1 852	118	288	404	35
Industrial chemicals	39 876	38 683	35	1 077	965	38	74	81	35
Synthetic fibers	7 197	7 137	20	37	37	-	-	23	-
Soaps and cosmetics	6 613	6 548	35	41	-	-	41	24	-
Other chemicals and allied products	69 345	67 966	78	1 103	850	80	173	276	-
Petroleum and coal products	27 926	27 598	24	186	53	19	114	119	23
Rubber and miscellaneous plastic products	107 237	106 183	242	709	161	161	387	277	68
Rubber products	69 016	68 299	49	539	139	121	279	161	17
Miscellaneous plastic products	38 221	37 884	193	170	22	40	108	116	51
Leather and leather products	18 433	17 995	99	103	26	21	56	319	16
Tanned, curried, and finished leather	8 015	7 954	33	21	-	21	-	24	16
Footwear, except rubber	5 455	5 360	25	59	26	-	33	36	-
Leather products, except footwear	4 963	4 681	41	23	-	-	23	259	-
Nondurable goods—allocated	2 882	2 748	-	73	58	-	15	61	-
Not specified manufacturing industries	11 643	11 195	51	380	183	98	99	41	27

[1]Originally reported as "Self-employed in own incorporated business," see text.

Table 43. Class of Worker of Employed Persons by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total	Wage and salary workers						Self-employed workers	Unpaid family workers
		Private wage and salary workers		Government workers					
		Total	Employee of own corporation[1]	Total	Federal	State	Local		
Male, 16 years old and over—Continued									
Operatives, except transport—Continued									
Miscellaneous and not specified operatives—Continued									
Industry—Continued									
Nonmanufacturing industries	291 821	236 005	2 046	44 299	16 892	9 447	17 960	10 738	779
Construction	33 410	27 055	384	5 194	421	1 950	2 823	1 108	53
Railroads and railway express service	13 045	12 337	–	708	292	177	239	–	–
Transportation, except railroads	23 866	22 375	59	1 338	352	224	762	153	–
Communications, and utilities and sanitary services	24 502	16 801	–	7 687	535	422	6 730	14	–
Wholesale trade	54 961	51 831	424	455	92	107	256	2 510	165
Retail trade	43 805	41 821	338	284	93	95	96	1 514	186
Business and repair services	44 209	38 429	707	939	405	167	367	4 483	358
Public administration	18 654	–	–	18 654	13 328	1 226	4 100	–	–
All other industries[2]	35 369	25 356	134	9 040	1 374	5 079	2 587	956	17
Operatives, except transport—allocated	404 790	370 759	2 301	20 728	8 668	4 734	7 326	12 393	910
Transport equipment operatives	**2 821 034**	**2 398 636**	**17 549**	**272 505**	**47 671**	**51 704**	**173 130**	**146 290**	**3 603**
Boatmen and canalmen	4 768	3 238	76	1 162	506	209	447	368	–
Bus drivers	171 424	89 297	388	78 221	3 082	12 895	62 244	3 781	125
Conductors and motormen, urban rail transit	9 486	2 476	–	7 010	17	786	6 207	–	–
Deliverymen and routemen	591 866	556 107	4 269	10 772	3 121	2 566	5 085	24 040	947
Fork lift and tow motor operatives	214 062	203 194	274	9 991	7 202	1 194	1 595	860	17
Motormen; mine, factory, logging camp, etc	9 642	9 214	22	367	151	15	201	42	19
Parking attendants	28 710	25 074	108	2 642	149	808	1 685	994	–
Railroad brakemen	45 441	43 977	–	1 464	926	178	360	–	–
Railroad switchmen	51 109	49 129	35	1 882	636	445	801	98	–
Taxicab drivers and chauffeurs	144 750	116 428	2 724	10 347	3 585	1 476	5 286	17 889	86
Truck drivers	1 369 678	1 151 309	8 207	130 262	23 043	27 853	79 366	86 275	1 832
Trucking service	518 158	448 227	5 275	3 801	1 033	582	2 186	65 255	875
Transport equipment operatives—allocated	180 098	149 193	1 446	18 385	5 253	3 279	9 853	11 943	577
Laborers, except farm	**3 150 252**	**2 615 407**	**9 272**	**399 046**	**98 283**	**81 993**	**218 770**	**128 610**	**7 189**
Animal caretakers, except farm	31 148	21 948	100	7 545	1 311	2 237	3 997	1 483	172
Carpenters' helpers	43 081	41 288	–	1 619	615	381	623	–	174
Construction laborers, except carpenters' helpers	547 567	443 255	121	102 125	5 967	39 883	56 275	1 251	936
Fishermen and oystermen	25 875	11 096	706	576	206	289	81	14 049	154
Freight and material handlers	493 599	444 872	945	43 010	35 547	2 333	5 130	5 264	453
Garbage collectors	70 049	18 520	527	46 978	531	1 357	45 090	4 428	123
Gardeners and groundskeepers, except farm	292 415	172 752	2 022	71 226	7 094	17 075	47 057	47 398	1 039
Longshoremen and stevedores	46 060	42 220	–	3 840	1 840	673	1 327	–	–
Lumbermen, raftsmen, and woodchoppers	80 273	56 009	843	671	252	291	128	22 854	739
Stock handlers	486 283	472 202	891	9 341	5 466	1 683	2 192	3 461	1 279
Teamsters	6 864	5 524	65	156	107	–	49	1 159	25
Vehicle washers and equipment cleaners	105 663	98 135	299	5 396	1 969	1 021	2 406	1 983	149
Warehousemen, n.e.c	104 103	87 575	84	16 144	13 840	844	1 460	331	53
Miscellaneous and not specified laborers	548 166	474 136	1 550	61 082	12 394	9 100	39 588	11 938	1 010
Occupation:									
Miscellaneous laborers	185 372	150 127	834	27 254	3 826	3 038	20 390	7 592	399
Not specified laborers	362 794	324 009	716	33 828	8 568	6 062	19 198	4 346	611
Industry:									
Manufacturing	278 736	271 264	582	5 524	2 929	765	1 830	1 753	195
Durable goods	189 462	183 909	404	4 256	2 354	637	1 265	1 178	119
Lumber and wood products, except furniture	19 886	19 539	59	40	–	25	15	285	22
Furniture and fixtures	5 238	5 238	22	–	–	–	–	–	–
Stone, clay, and glass products	19 427	19 065	93	177	45	44	88	139	46
Cement, concrete, gypsum, and plaster products	8 114	7 964	59	85	–	18	67	19	46
Structural clay products	3 834	3 752	34	28	28	–	–	54	–
Other stone, clay, and glass products	7 479	7 349	–	64	17	26	21	66	–
Primary metal industries	69 641	68 608	85	869	222	147	500	140	24
Blast furnaces, steel works, and rolling and finishing mills	40 497	39 810	23	587	144	98	345	76	24
Other primary iron and steel industries	19 334	19 082	62	208	30	23	155	44	–
Primary nonferrous industries	9 810	9 716	–	74	48	26	–	20	–
Fabricated metal industries, including not specified metal	19 250	18 860	43	278	99	88	91	85	27
Fabricated structural metal products	7 665	7 563	–	79	40	39	–	23	–
Machinery, except electrical	16 634	16 356	20	196	38	43	115	82	–
Electrical machinery, equipment, and supplies	8 165	7 949	20	169	60	–	109	47	–
Transportation equipment	21 299	19 842	–	1 425	1 115	159	151	32	–
Motor vehicles & motor vehicles equipment	10 566	10 431	–	103	36	25	42	32	–
Ship and boat building and repairing	4 459	3 316	–	1 143	999	98	46	–	–
Other transportation equipment	6 274	6 095	–	179	80	36	63	–	–
Professional and photographic equipment, and watches	1 021	1 021	–	–	–	–	–	–	–
Ordnance	2 627	1 873	–	754	713	20	21	–	–
Miscellaneous manufacturing industries	4 056	3 837	24	194	40	88	66	25	–
Manufacturing, durable goods—allocated	2 218	1 721	38	154	22	23	109	343	–

[1]Originally reported as "Self-employed in own incorporated business," see text.

[2]Includes transportation, communications, and other public utilities—allocated.

Table 43. Class of Worker of Employed Persons by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total	Wage and salary workers						Self-employed workers	Unpaid family workers
		Private wage and salary workers		Government workers					
		Total	Employee of own corporation[1]	Total	Federal	State	Local		
Male, 16 years old and over—Continued									
Laborers, except farm—Continued									
Miscellaneous and not specified laborers—Continued									
Industry—Continued									
Manufacturing—Continued									
Nondurable goods	87 415	85 572	178	1 230	575	128	527	537	76
Food and kindred products	33 468	32 966	70	295	68	23	204	182	25
Meat products	9 525	9 427	25	81	–	–	81	17	–
Dairy products	3 482	3 420	21	44	–	–	44	18	–
Canning and preserving fruits, vegetables, and seafoods	5 862	5 748	–	72	28	–	44	42	–
Grain-mill products	3 971	3 906	–	44	21	23	–	21	–
Beverage industries	4 153	4 113	24	–	–	–	–	40	–
Other food and kindred products	6 475	6 352	–	54	19	–	35	44	25
Tobacco manufactures	1 223	1 152	–	24	–	–	24	47	–
Textile mill products	8 799	8 635	–	87	20	–	67	77	–
Yarn, thread, and fabric mills	6 014	5 974	–	20	–	–	20	20	–
Other textile mill products	2 785	2 661	–	67	20	–	47	57	–
Apparel and other fabricated textile products	1 238	1 219	18	–	–	–	–	19	–
Paper and allied products	12 348	12 206	37	124	22	39	63	18	–
Pulp, paper, and paperboard mills	8 336	8 273	11	45	22	–	23	18	–
Other paper and allied products	4 012	3 933	26	79	–	39	40	–	–
Printing, publishing, and allied industries	3 682	3 468	–	193	144	–	49	–	21
Chemicals and allied products	12 356	12 014	30	323	282	22	19	19	–
Petroleum and coal products	3 101	3 057	23	44	19	–	25	–	–
Rubber and miscellaneous plastic products	7 113	7 002	–	43	20	23	–	38	30
Leather and leather products	2 877	2 877	–	–	–	–	–	–	–
Nondurable goods—allocated	1 210	976	–	97	–	21	76	137	–
Not specified manufacturing industries	1 859	1 783	–	38	–	–	38	38	–
Nonmanufacturing industries	269 430	202 872	968	55 558	9 465	8 335	37 758	10 185	815
Railroads and railway express service	41 424	39 615	–	1 809	744	533	532	–	–
Transportation, except railroads	13 800	11 106	25	2 347	113	435	1 799	303	44
Comm., and utilities and sanitary services	38 842	14 393	–	24 111	972	1 181	21 958	338	–
Transportation, communications, and other public utilities—allocated	685	571	–	62	16	–	46	52	–
Wholesale trade	37 334	33 353	367	354	86	84	184	3 469	158
Retail trade	39 824	38 481	136	212	15	81	116	922	209
Business and repair services	17 668	13 614	283	393	157	63	173	3 551	110
Personal services	19 762	19 212	57	112	67	–	45	283	155
Private households	14 016	13 922	–	–	–	–	–	–	94
Public administration	16 415	–	–	16 415	5 518	1 848	9 049	–	–
All other industries	43 676	32 527	100	9 743	1 777	4 110	3 856	1 267	139
Laborers, except farm—allocated	269 106	225 875	1 119	29 337	11 144	4 826	13 367	13 011	883
Farmers and farm managers	**1 355 164**	**64 848**	**30 719**	**2 181**	**615**	**993**	**573**	**1 287 149**	**986**
Farmers, owners and tenants	1 231 390	–	–	–	–	–	–	1 231 390	–
Farm managers	57 951	56 781	30 363	1 061	94	698	269	–	109
Farmers and farm managers—allocated	65 823	8 067	356	1 120	521	295	304	55 759	877
Farm laborers and farm foremen	**800 404**	**710 732**	**201**	**17 868**	**3 737**	**8 975**	**5 156**	**10 658**	**61 146**
Farm foremen	30 332	27 893	–	2 439	859	1 272	308	–	–
Farm laborers, wage workers	651 841	631 157	–	14 162	2 493	7 128	4 541	6 454	68
Farm laborers, unpaid family workers	57 949	–	–	–	–	–	–	322	57 627
Farm service laborers, self-employed	3 150	103	103	–	–	–	–	3 047	–
Farm laborers and farm foremen—allocated	57 132	51 579	98	1 267	385	575	307	835	3 451
Service workers, except private household	**3 841 787**	**2 332 385**	**25 765**	**1 286 928**	**153 968**	**287 775**	**845 185**	**215 763**	**6 711**
Cleaning service workers	1 257 185	838 314	2 506	391 647	53 530	95 715	242 402	25 773	1 451
Chambermaids and maids, except private household	9 665	8 032	17	1 542	286	529	727	76	15
Cleaners and charwomen	186 705	147 826	834	31 442	5 812	7 404	18 226	7 076	361
Janitors and sextons	1 060 815	682 456	1 655	358 663	47 432	87 782	223 449	18 621	1 075
Food service workers	867 705	751 992	12 257	59 906	16 560	29 920	13 426	52 422	3 385
Bartenders	148 255	115 696	6 276	1 494	394	307	793	30 193	872
Busboys	81 717	78 669	78	2 801	796	1 607	398	137	110
Cooks, except private household	308 332	267 251	4 695	22 018	7 889	9 222	4 907	17 617	1 446
Dishwashers	102 819	92 277	65	10 254	1 421	6 462	2 371	172	116
Food counter and fountain workers	34 800	30 654	369	2 885	420	1 825	640	1 051	210
Waiters	113 144	104 783	488	5 746	2 058	3 017	671	2 221	394
Food service workers, n.e.c., except private household	78 638	62 662	286	14 708	3 582	7 480	3 646	1 031	237
Health service workers	143 098	69 759	87	72 168	17 745	38 904	15 519	1 048	123
Dental assistants	1 931	1 679	–	252	125	39	88	–	–
Health aides, except nursing	19 427	12 156	–	7 227	1 947	2 729	2 551	–	44
Health trainees	1 133	820	–	313	–	271	42	–	–
Lay midwives	226	104	–	122	–	34	88	–	–
Nursing aides, orderlies, and attendants	111 647	51 041	47	60 032	14 900	33 441	11 691	520	54
Practical nurses	8 734	3 959	40	4 222	773	2 390	1 059	528	25

[1]Originally reported as "Self-employed in own incorporated business," see text.

Table 43. Class of Worker of Employed Persons by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total	Wage and salary workers						Self-employed workers	Unpaid family workers
		Private wage and salary workers		Government workers					
		Total	Employee of own corporation[1]	Total	Federal	State	Local		
Male, 16 years old and over—continued									
Service workers, except private household—Con.									
Personal service workers	391 644	232 248	8 166	38 183	6 273	15 894	16 016	120 546	667
Airline stewardesses	1 300	1 225	–	75	18	–	57	–	–
Attendants, recreation and amusement	54 825	42 295	536	10 927	879	3 228	6 820	1 511	92
Attendants, personal service, n.e.c.	22 564	18 327	55	2 683	538	777	1 368	1 532	22
Baggage porters and bellhops	18 669	17 606	37	588	149	164	275	475	–
Barbers	161 670	64 654	3 035	2 786	1 203	1 083	500	94 004	226
Boarding and lodging house keepers	1 972	976	252	20	20	–	–	916	60
Bootblacks	3 536	2 435	15	41	41	–	–	1 023	37
Child care workers, except private household	8 644	3 406	39	4 722	247	3 541	934	495	21
Elevator operators	27 083	23 646	–	3 437	1 187	742	1 508	–	–
Hairdressers and cosmetologists	48 213	27 632	4 002	228	15	104	109	20 202	151
Personal service apprentices	564	541	–	23	–	–	23	–	–
Housekeepers, except private household	28 034	20 113	169	7 517	1 191	5 242	1 084	346	58
School monitors	2 300	504	–	1 796	47	244	1 505	–	–
Ushers, recreation and amusement	9 290	8 652	26	596	84	196	316	42	–
Welfare service aides	3 544	777	–	2 767	654	573	1 540	–	–
Protective service workers	897 617	224 483	580	670 266	47 942	93 911	528 413	2 788	80
Crossing guards and bridge tenders	17 298	2 471	20	14 764	1 676	2 130	10 958	20	43
Firemen, fire protection	176 893	4 235	–	172 658	8 161	1 416	163 081	–	–
Guards and watchmen	305 902	204 759	277	99 994	20 143	44 954	34 897	1 129	20
Marshals and constables	5 279	–	–	5 279	1 040	279	3 960	–	–
Policemen and detectives	359 729	13 018	283	345 055	16 731	44 411	283 913	1 639	17
Public	345 055	–	–	345 055	16 731	44 411	283 913	–	–
Private	14 674	13 018	283	–	–	–	–	1 639	17
Sheriffs and bailiffs	32 516	–	–	32 516	191	721	31 604	–	–
Service workers, except private household—allocated	284 538	215 589	2 169	54 758	11 918	13 431	29 409	13 186	1 005
Private household workers	**35 771**	**34 489**	**23**	–	–	–	–	**1 201**	**81**
Occupation:									
Child care workers, private household	4 376	4 376	–	–	–	–	–	–	–
Cooks, private household	1 912	1 869	–	–	–	–	–	43	–
Housekeepers, private household	3 373	3 099	23	–	–	–	–	264	10
Laundresses, private household	457	124	–	–	–	–	–	333	–
Maids and servants, private household	22 812	22 334	–	–	–	–	–	407	71
Private household workers—allocated	2 841	2 687	–	–	–	–	–	154	–
Living arrangement:									
Living in	2 680	2 639	–	–	–	–	–	22	19
Housekeepers, private household	733	733	–	–	–	–	–	–	–
Maids and servants, private household	1 405	1 386	–	–	–	–	–	–	19
Living out	33 091	31 850	23	–	–	–	–	1 179	62

[1] Originally reported as "Self employed in own incorporated business," see text.

Table 43. Class of Worker of Employed Persons by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total	Wage and salary workers						Self-employed workers	Unpaid family workers
		Private wage and salary workers		Government workers					
		Total	Employee of own corporation[1]	Total	Federal	State	Local		
Female, 16 years old and over	29 074 510	22 018 704	168 915	5 676 267	1 087 794	1 431 626	3 156 847	1 088 072	291 467
Professional, technical, and kindred workers	4 575 990	2 033 050	10 924	2 346 960	172 554	513 569	1 660 837	183 979	12 001
Accountants	179 845	124 907	840	43 064	23 549	10 302	9 213	9 960	1 914
Architects	2 090	1 339	79	176	64	60	52	526	49
Computer specialists	50 254	38 535	202	11 457	6 302	3 771	1 384	262	–
Computer programers	37 231	29 007	126	8 066	4 520	2 645	901	158	–
Computer systems analysts	11 313	8 265	38	2 944	1 539	960	445	104	–
Computer specialists, n.e.c	1 710	1 263	38	447	243	166	38	–	–
Engineers	20 077	14 531	140	5 063	3 444	978	641	483	–
Aeronautical and astronautical	974	860	–	95	95	–	–	19	–
Chemical	556	508	–	48	48	–	–	–	–
Civil	2 601	1 238	43	1 287	278	688	321	76	–
Electrical and electronic	4 812	4 171	36	522	428	36	58	119	–
Industrial	5 674	3 402	–	2 173	1 972	123	78	99	–
Mechanical	1 667	1 444	41	223	204	19	–	–	–
Metallurgical and materials	128	128	–	–	–	–	–	–	–
Mining	54	35	–	19	–	–	19	–	–
Petroleum	102	102	–	–	–	–	–	–	–
Sales	435	415	20	–	–	–	–	20	–
Engineers, n.e.c	3 074	2 228	–	696	419	112	165	150	–
Farm management advisors	944	54	–	890	238	436	216	–	–
Foresters and conservationists	1 577	437	–	1 098	482	522	94	42	–
Home management advisors	5 390	2 212	–	3 106	731	1 466	909	52	20
Lawyers and judges	13 182	3 960	174	4 848	1 889	989	1 970	4 332	42
Judges	662	–	–	662	38	276	348	–	–
Lawyers	12 520	3 960	174	4 186	1 851	713	1 622	4 332	42
Librarians, archivists, and curators	101 008	28 159	40	72 362	3 840	18 574	49 948	212	275
Librarians	98 892	27 060	40	71 456	3 638	18 200	49 618	101	275
Archivists and curators	2 116	1 099	–	906	202	374	330	111	–
Mathematical specialists	12 484	8 263	–	4 085	2 614	1 081	390	113	23
Actuaries	1 516	1 452	–	41	–	19	22	–	23
Mathematicians	1 978	1 116	–	825	726	53	46	37	–
Statisticians	8 990	5 695	–	3 219	1 888	1 009	322	76	–
Life and physical scientists	26 886	16 801	35	9 314	4 028	3 592	1 694	771	–
Agricultural	1 074	360	–	350	122	183	45	364	–
Atmospheric and space	602	254	–	348	289	21	38	–	–
Biological	10 200	5 771	15	4 370	1 344	1 987	1 039	59	–
Chemists	12 894	9 235	–	3 450	1 674	1 267	509	209	–
Geologists	704	511	20	121	85	36	–	72	–
Marine	156	68	–	88	88	–	–	–	–
Physicists and astronomers	979	462	–	466	347	98	21	51	–
Life and physical, n.e.c	277	140	–	121	79	–	42	16	–
Operations and systems researchers and analysts	6 966	4 865	–	2 036	1 531	312	193	45	20
Personnel and labor relations workers	91 242	58 836	450	30 513	11 187	15 932	3 394	1 635	258
Physicians, dentists, and related practitioners	44 417	24 148	1 276	7 873	1 604	3 690	2 579	11 979	417
Chiropractors	1 077	168	–	–	–	–	–	889	20
Dentists	2 763	1 424	106	193	61	65	67	1 108	38
Optometrists	693	217	–	43	43	–	–	411	22
Pharmacists	13 150	10 536	441	871	86	525	260	1 608	135
Physicians, medical and osteopathic	24 804	11 085	661	6 548	1 330	3 009	2 209	7 030	141
Podiatrists	565	157	43	43	–	–	43	348	17
Veterinarians	1 056	514	25	156	84	72	–	342	44
Health practitioners, n.e.c	309	47	–	19	–	19	–	243	–
Registered nurses, dietitians, and therapists	899 102	643 023	1 110	225 469	32 593	69 353	123 523	27 918	2 692
Dietitians	37 186	23 258	41	13 367	2 467	4 571	6 329	468	93
Registered nurses	813 814	594 636	973	190 977	28 249	56 363	106 365	25 690	2 511
Therapists	48 102	25 129	96	21 125	1 877	8 419	10 829	1 760	88
Health technologists and technicians	182 173	140 743	131	40 198	6 240	17 196	16 762	697	535
Clinical laboratory technologists and technicians	84 738	64 464	63	19 832	3 470	8 917	7 445	290	152
Dental hygienists	16 281	14 399	–	1 555	291	361	903	179	148
Health record technologists and technicians	10 254	6 971	21	3 234	852	1 122	1 260	19	30
Radiologic technologists and technicians	35 789	29 633	27	5 963	736	1 261	3 966	103	90
Therapy assistants	2 004	1 405	–	599	57	368	174	–	–
Health technologists and technicians, n.e.c	33 107	23 871	20	9 015	834	5 167	3 014	106	115
Religious workers	25 709	22 419	548	280	31	84	165	3 010	–
Clergymen	6 295	5 467	368	64	–	39	25	764	–
Religious workers, n.e.c	19 414	16 952	180	216	31	45	140	2 246	–
Social scientists	20 217	8 685	140	10 148	2 654	3 305	4 189	1 318	66
Economists	7 562	5 285	98	1 924	1 434	310	180	331	22
Political scientists	247	124	–	103	103	–	–	20	–
Psychologists	10 130	2 656	42	6 673	738	2 568	3 367	777	24
Sociologists	453	192	–	181	79	81	21	80	–
Urban and regional planners	922	159	–	743	33	146	564	–	20
Social scientists, n.e.c	903	269	–	524	267	200	57	110	–
Social and recreation workers	157 337	39 130	97	117 022	10 580	41 415	65 027	889	296
Social	137 119	29 499	40	106 832	10 005	39 909	56 918	644	144
Recreation	20 218	9 631	57	10 190	575	1 506	8 109	245	152

[1]Originally reported as "Self-employed in own incorporated business," see text.

Table 43. Class of Worker of Employed Persons by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total	Wage and salary workers					Self-employed workers	Unpaid family workers
		Private wage and salary workers		Government workers				
		Total	Employee of own corporation[1]	Total	Federal	State	Local	
Female, 16 years old and over—Continued								
Professional, technical, and kindred workers—Con.								
Teachers, college and university	139 278	49 620	–	89 658	2 141	70 724	16 793	–	–
Agriculture	235	50	–	185	13	107	65	–	–
Atmospheric, earth, marine, and space	544	169	–	375	–	351	24	–	–
Biology	4 353	1 719	–	2 634	64	2 244	326	–	–
Chemistry	1 761	833	–	928	13	818	97	–	–
Physics	615	273	–	342	–	248	94	–	–
Engineering	998	209	–	789	60	566	163	–	–
Mathematics	4 641	1 675	–	2 966	31	2 245	690	–	–
Health specialties	13 202	4 112	–	9 090	314	6 501	2 275	–	–
Psychology	3 747	1 144	–	2 603	60	2 171	372	–	–
Business and commerce	4 365	1 670	–	2 695	17	1 893	785	–	–
Economics	842	267	–	575	–	490	85	–	–
History	2 959	1 113	–	1 846	16	1 431	399	–	–
Sociology	1 661	785	–	876	19	671	186	–	–
Social science teachers, n.e.c	2 641	929	–	1 712	19	1 401	292	–	–
Art, drama, and music	10 526	4 497	–	6 029	74	4 837	1 118	–	–
Coaches and physical education	4 380	1 933	–	2 447	28	1 947	472	–	–
Education	2 187	755	–	1 432	–	1 373	59	–	–
English	16 017	5 032	–	10 985	114	8 187	2 684	–	–
Foreign language	9 739	4 424	–	5 315	79	4 399	837	–	–
Home economics	3 956	542	–	3 414	157	2 578	679	–	–
Law	197	19	–	178	26	112	40	–	–
Theology	792	344	–	448	–	185	263	–	–
Trade, industrial, and technical	663	193	–	470	–	229	241	–	–
Miscellaneous teachers, college and university	5 256	1 505	–	3 751	21	3 128	602	–	–
Teachers, college and university, subject not specified	43 001	15 428	–	27 573	1 016	22 612	3 945	–	–
Teachers, except college and university	1 936 646	405 423	1 299	1 463 240	26 234	189 683	1 247 323	67 309	674
Adult education	23 355	11 618	62	10 668	1 463	2 967	6 238	1 031	38
Elementary school	1 197 807	215 438	–	982 369	12 023	127 589	842 757	–	–
Public	982 369	–	–	982 369	12 023	127 589	842 757	–	–
Private	215 438	215 438	–	–	–	–	–	–	–
Prekindergarten and kindergarten	122 792	60 334	358	54 981	8 036	5 716	41 229	7 251	226
Public	54 981	–	–	54 981	8 036	5 716	41 229	–	–
Private	67 811	60 334	358	–	–	–	–	7 251	226
Secondary school	485 591	83 438	–	402 153	3 238	48 615	350 300	–	–
Public	402 153	–	–	402 153	3 238	48 615	350 300	–	–
Private	83 438	83 438	–	–	–	–	–	–	–
Teachers, except college and university, n.e.c	107 101	34 595	879	13 069	1 474	4 796	6 799	59 027	410
Engineering and science technicians	88 305	69 674	123	17 774	6 826	7 903	3 045	689	168
Agriculture and biological technicians, except health	10 232	8 484	46	1 652	553	767	332	76	20
Chemical technicians	8 518	7 322	19	1 196	290	690	216	–	–
Draftsmen	23 267	18 053	19	4 766	1 999	1 512	1 255	385	63
Electrical and electronic engineering	9 124	7 135	20	1 949	1 535	293	121	40	–
Industrial engineering	2 691	2 485	–	206	122	19	65	–	–
Mechanical engineering	394	269	–	125	45	22	58	–	–
Mathematical	36	36	–	–	–	–	–	–	–
Surveyors	1 767	1 093	–	553	257	199	97	103	18
Engineering and science technicians, n.e.c	32 276	24 797	19	7 327	2 025	4 401	901	85	67
Technicians, except health, and engineering and science	16 992	6 116	88	10 585	3 002	2 357	5 226	238	53
Airplane pilots	507	420	46	54	39	15	–	33	–
Air traffic controllers	1 147	–	–	1 147	1 147	–	–	–	–
Embalmers	158	138	–	–	–	–	–	–	20
Flight engineers	124	85	–	–	–	–	–	39	–
Radio operators	7 485	1 655	21	5 779	102	897	4 780	18	33
Tool programers, numerical control	439	322	–	117	41	38	38	–	–
Technicians, n.e.c	7 132	3 496	21	3 488	1 673	1 407	408	148	–
Vocational and educational counselors	48 000	11 139	38	36 560	1 790	11 722	23 048	175	126
Writers, artists, and entertainers	229 309	171 000	2 928	21 076	7 367	7 524	6 185	35 360	1 873
Actors	3 855	3 086	–	486	110	230	146	262	21
Athletes and kindred workers	14 051	9 715	96	2 273	99	274	1 900	1 832	231
Authors	7 611	2 947	274	979	539	334	106	3 524	161
Dancers	4 901	4 552	–	60	24	36	–	289	–
Designers	25 603	20 524	718	611	147	298	166	4 275	193
Editors and reporters	59 104	50 437	409	6 039	3 329	2 267	443	2 445	183
Musicians and composers	31 496	25 372	107	1 768	226	538	1 004	4 298	58
Painters and sculptors	37 459	22 336	625	2 771	805	1 354	612	11 903	449
Photographers	8 803	5 681	186	777	367	327	83	2 083	262
Public relations men and publicity writers	19 229	15 072	329	3 160	875	1 088	1 197	851	146
Radio and television announcers	1 344	1 130	–	105	–	87	18	109	–
Writers, artists, and entertainers, n.e.c	15 853	10 148	184	2 047	846	691	510	3 489	169
Research workers, not specified	29 016	15 727	–	12 936	3 836	8 065	1 035	316	37
Professional, technical, and kindred workers—allocated	247 544	123 304	1 186	106 129	7 757	22 533	75 839	15 648	2 463

[1]Originally reported as "Self-employed in own incorporated business," see text.

Table 43. Class of Worker of Employed Persons by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total	Wage and salary workers						Self-employed workers	Unpaid family workers
		Private wage and salary workers		Government workers					
		Total	Employee of own corporation[1]	Total	Federal	State	Local		
Female, 16 years old and over—Continued									
Managers and administrators, except farm	**1 061 076**	**661 583**	**41 668**	**178 651**	**50 621**	**33 511**	**94 519**	**195 657**	**25 185**
Assessors, controllers, and treasurers; local public administration	10 670	–	–	10 670	–	–	10 670	–	–
Bank officers and financial managers	54 629	52 451	37	2 114	1 402	677	35	64	–
Buyers and shippers, farm products	440	379	19	–	–	–	–	35	26
Buyers, wholesale and retail trade	52 430	44 862	2 689	730	439	124	167	5 780	1 058
Credit men	16 987	16 560	135	320	21	74	225	88	19
Funeral directors	2 438	1 132	293	19	–	19	–	1 125	162
Health administrators	37 706	25 013	293	8 062	115	3 553	4 394	4 478	153
Construction inspectors; public administration	185	–	–	185	18	30	137	–	–
Inspectors, except construction; public administration	5 556	–	–	5 556	3 758	1 028	770	–	–
Federal public administration and postal service	3 758	–	–	3 758	3 758	–	–	–	–
State public administration	1 028	–	–	1 028	–	1 028	–	–	–
Local public administration	770	–	–	770	–	–	770	–	–
Managers and superintendents, building	34 518	26 758	389	1 020	290	180	550	5 776	964
Office managers, n.e.c.	86 909	75 784	2 584	6 900	1 880	2 363	2 657	2 187	2 038
Officers, pilots, and pursers; ship	504	387	–	74	54	–	20	43	–
Officials and administrators; public administration, n.e.c.	44 661	–	–	44 661	19 782	5 963	18 916	–	–
Federal public administration and postal service	19 782	–	–	19 782	19 782	–	–	–	–
State public administration	5 963	–	–	5 963	–	5 963	–	–	–
Local public administration	18 916	–	–	18 916	–	–	18 916	–	–
Officials of lodges, societies, and unions	7 827	7 827	–	–	–	–	–	–	–
Postmasters and mail superintendents	10 608	–	–	10 608	10 608	–	–	–	–
Purchasing agents and buyers, n.e.c.	22 180	14 197	55	7 708	5 079	1 068	1 561	231	44
Railroad conductors	419	373	–	46	22	–	24	–	–
Restaurant, cafeteria, and bar managers	109 189	44 733	4 512	21 405	650	3 453	17 302	38 864	4 187
Sales managers and department heads, retail trade	51 022	48 375	532	685	393	106	186	1 729	233
Sales managers, except retail trade	8 753	8 208	142	178	81	63	34	367	–
School administrators, college	8 696	4 239	63	4 192	122	3 302	768	265	–
School administrators, elementary and secondary	46 220	16 738	315	28 124	878	4 101	23 145	1 358	–
Managers and administrators, n.e.c., salaried	264 955	247 121	27 769	17 834	3 059	6 240	8 535	–	–
Construction	4 376	4 038	1 167	338	134	141	63	–	–
Durable goods manufacturing	12 655	12 376	1 739	279	268	11	–	–	–
Nondurable goods, incl. not specified manufacturing	16 460	16 298	2 011	162	49	22	91	–	–
Transportation	15 213	14 938	1 548	275	58	66	151	–	–
Communications, and utilities and sanitary services	10 739	10 347	231	392	82	48	262	–	–
Wholesale trade	10 244	10 244	2 327	–	–	–	–	–	–
Retail trade	85 888	84 466	11 257	1 422	649	392	381	–	–
Hardware, farm equipment, and building material retailing	1 987	1 987	852	–	–	–	–	–	–
General merchandise stores	22 335	21 819	908	516	435	–	81	–	–
Food stores	16 815	16 622	1 862	193	47	40	106	–	–
Motor vehicles and accessories retailing	2 566	2 531	749	35	–	–	35	–	–
Gasoline service stations	1 987	1 968	277	19	–	–	19	–	–
Apparel and accessories stores	17 963	17 826	2 258	137	20	58	59	–	–
Furniture, home furnishings, and equipment stores	3 380	3 357	830	23	–	–	23	–	–
Other retail trade	18 855	18 356	3 521	499	147	294	58	–	–
Finance, insurance, and real estate	22 314	21 666	1 378	648	301	59	288	–	–
Business and repair services	14 093	13 826	1 995	267	75	23	169	–	–
Personal services	30 746	30 510	2 563	236	102	75	59	–	–
All other industries[2]	42 227	28 412	1 553	13 815	1 341	5 403	7 071	–	–
Managers and administrators, n.e.c., self-employed	140 782	–	–	–	–	–	–	125 664	15 118
Construction	2 020	–	–	–	–	–	–	1 854	166
Durable goods manufacturing	2 157	–	–	–	–	–	–	1 836	321
Nondurable goods, incl. not specified manufacturing	4 030	–	–	–	–	–	–	3 671	359
Transportation	2 173	–	–	–	–	–	–	1 939	234
Communications, and utilities and sanitary services	169	–	–	–	–	–	–	140	29
Wholesale trade	4 005	–	–	–	–	–	–	3 543	462
Retail trade	85 837	–	–	–	–	–	–	77 461	8 376
Hardware, farm equipment, and building material retailing	2 231	–	–	–	–	–	–	1 980	251
General merchandise stores	7 951	–	–	–	–	–	–	7 157	794
Food stores	31 495	–	–	–	–	–	–	27 981	3 514
Motor vehicles and accessories retailing	1 106	–	–	–	–	–	–	952	154
Gasoline service stations	3 406	–	–	–	–	–	–	2 880	526
Apparel and accessories stores	9 634	–	–	–	–	–	–	9 087	547
Furniture, home furnishings, and equipment stores	3 937	–	–	–	–	–	–	3 440	497
Other retail trade	26 077	–	–	–	–	–	–	23 984	2 093
Finance, insurance, and real estate	2 425	–	–	–	–	–	–	2 172	253
Business and repair services	5 577	–	–	–	–	–	–	4 915	662
Personal services	25 192	–	–	–	–	–	–	21 866	3 326
All other industries[2]	7 197	–	–	–	–	–	–	6 267	930
Managers and administrators, except farm—allocated	42 792	26 446	1 841	7 560	1 970	1 167	4 423	7 603	1 183

[1]Originally reported as "Self-employed in own incorporated business," see text. [2]Includes transportation, communications, and other public utilities—allocated.

Table 43. Class of Worker of Employed Persons by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total	Wage and salary workers					Self-employed workers	Unpaid family workers
		Private wage and salary workers		Government workers				
		Total	Employee of own corporation[1]	Total	Federal	State	Local		
Female, 16 years old and over—Continued								
Sales workers	**2 142 509**	**1 938 042**	**20 420**	**27 923**	**10 888**	**7 203**	**9 832**	**136 142**	**40 402**
Advertising agents and salesmen	13 230	12 387	166	176	27	40	109	625	42
Auctioneers	237	169	...	39	39	...	...	29	...
Demonstrators	35 371	29 539	407	459	173	158	128	5 252	121
Hucksters and peddlers	94 936	80 439	708	446	133	19	294	13 742	309
Insurance agents, brokers, and underwriters	57 327	51 404	798	858	227	261	370	4 738	327
Newsboys	10 686	8 523	...	154	...	77	77	1 783	226
Real estate agents and brokers	84 333	67 643	2 420	349	44	56	249	15 548	793
Stock and bond salesmen	8 486	7 569	79	363	98	86	179	517	37
Salesmen and sales clerks, n.e.c	1 676 146	1 534 426	14 345	20 325	8 689	4 958	6 678	84 984	36 411
Sales representatives, manufacturing industries	35 324	32 385	617	348	170	97	81	1 907	684
Sales representatives, wholesale trade	40 891	35 404	1 145	321	155	41	125	3 974	1 192
Sales clerks, retail trade	1 464 718	1 354 541	10 155	11 837	5 855	2 308	3 674	69 125	29 215
General merchandise stores	655 589	639 180	1 138	6 789	4 719	519	1 551	6 986	2 634
Food stores	164 864	134 741	1 553	648	196	151	301	19 105	10 370
Apparel and accessories stores	272 586	257 296	2 386	1 058	226	196	636	11 812	2 420
Other sales clerks, retail trade	371 679	323 324	5 078	3 342	714	1 442	1 186	31 222	13 791
Salesmen, retail trade	58 050	47 672	1 667	158	...	50	108	6 710	3 510
Motor vehicles and accessories dealers	5 112	4 197	247	...	...	...	...	499	416
Salesmen of services and construction	77 163	64 424	761	7 661	2 509	2 462	2 690	3 268	1 810
Sales workers—allocated	161 757	145 943	1 497	4 754	1 458	1 548	1 748	8 924	2 136
Clerical and kindred workers	**10 149 827**	**7 890 364**	**65 104**	**2 032 067**	**709 976**	**547 843**	**774 248**	**115 623**	**111 773**
Bank tellers	216 276	206 118	83	9 839	6 373	1 709	1 757	217	102
Billing clerks	84 408	78 230	236	5 415	744	983	3 688	268	495
Bookkeepers	1 273 708	1 072 266	23 511	109 869	31 222	25 446	53 201	45 006	46 567
Cashiers	691 729	632 776	2 518	40 890	9 358	11 335	20 197	9 901	8 162
Clerical assistants, social welfare	909	176	...	696	56	257	383	15	22
Clerical supervisors, n.e.c	47 586	27 577	169	19 769	12 300	3 816	3 653	143	97
Collectors, bill and account	18 361	16 621	166	972	199	108	665	655	113
Counter clerks, except food	149 635	139 144	308	5 389	1 143	2 633	1 613	2 894	2 208
Dispatchers and starters, vehicle	10 954	8 671	78	1 787	387	310	1 090	284	212
Enumerators and interviewers	53 246	12 414	59	39 749	36 699	1 367	1 683	1 066	17
Estimators and investigators, n.e.c	100 139	78 824	301	19 963	11 584	4 572	3 807	1 155	197
Expediters and production controllers	44 184	38 149	75	5 831	4 004	812	1 015	78	126
File clerks	297 452	226 250	676	69 809	26 142	22 814	20 853	877	516
Insurance adjusters, examiners, and investigators	24 663	23 569	...	933	255	525	153	161	...
Library attendants and assistants	99 024	25 939	...	73 003	3 331	19 557	50 115	21	61
Mail carriers, post office	19 488	...	...	19 488	19 488	...	...	...	...
Mail handlers, except post office	53 237	43 178	60	9 725	4 316	3 682	1 727	191	143
Messengers, including telegraph, and office boys	11 351	9 153	22	1 908	370	769	769	120	170
Meter readers, utilities	971	626	...	345	...	...	345	...	...
Office machine operators	413 611	343 389	365	69 281	29 871	22 611	16 799	693	248
Bookkeeping and billing machine	57 812	51 581	44	6 150	2 041	1 511	2 598	42	39
Calculating machine	32 697	30 345	23	2 273	793	770	710	39	40
Computer and peripheral equipment	35 117	27 943	19	7 139	3 922	1 893	1 324	...	35
Duplicating machine	11 211	8 546	...	2 524	559	1 270	695	141	...
Keypunch	247 862	200 959	279	46 464	21 258	15 413	9 793	392	47
Tabulating machine	4 656	3 910	...	724	124	263	337	22	...
Office machine, n.e.c	24 256	20 105	...	4 007	1 174	1 491	1 342	57	87
Payroll and timekeeping clerks	107 484	88 457	506	18 775	7 955	3 436	7 384	170	82
Postal clerks	88 298	...	...	88 298	88 298	...	...	...	...
Proofreaders	20 981	19 569	43	1 268	441	620	207	144	...
Real estate appraisers	925	469	...	190	92	23	75	232	34
Receptionists	288 964	244 056	730	37 970	6 272	16 321	15 377	2 601	4 337
Secretaries	2 642 576	2 070 755	22 492	529 444	142 186	170 277	216 981	16 391	25 986
Secretaries, legal	84 734	77 799	20	5 668	1 711	1 473	2 484	449	818
Secretaries, medical	68 605	59 739	21	8 175	1 974	2 915	3 286	321	370
Shipping and receiving clerks	58 814	55 338	134	3 298	2 370	502	426	138	40
Statistical clerks	158 040	117 800	216	39 013	14 122	8 896	15 995	776	451
Stenographers	119 990	63 103	73	54 969	18 737	21 023	15 209	1 697	221
Stock clerks and storekeepers	101 520	77 836	176	22 745	17 791	2 154	2 800	465	474
Teacher aides, except school monitors	117 012	15 773	...	101 022	8 997	16 002	76 023	75	142
Telegraph operators	3 662	3 458	...	164	82	33	49	40	...
Telephone operators	391 641	358 955	431	31 701	8 717	9 679	13 305	639	346
Ticket, station, and express agents	36 121	33 999	17	1 641	367	314	960	374	107
Typists	922 777	617 286	1 405	295 667	98 281	94 878	102 508	6 688	3 136
Weighers	11 249	10 344	...	842	437	130	275	63	...

[1]Originally reported as "Self-employed in own incorporated business," see text.

Table 43. Class of Worker of Employed Persons by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total	Wage and salary workers						Self-employed workers	Unpaid family workers
		Private wage and salary workers		Government workers					
		Total	Employee of own corporation[1]	Total	Federal	State	Local		
Female, 16 years old and over—Continued									
Clerical and kindred workers—Continued									
Miscellaneous and not specified clerical workers	927 350	706 728	4 450	201 026	63 949	54 383	82 694	9 649	9 947
Occupation:									
Miscellaneous clerical workers	302 791	242 138	735	56 265	15 810	14 012	26 443	2 522	1 866
Not specified clerical workers	624 559	464 590	3 715	144 761	48 139	40 371	56 251	7 127	8 081
Industry:									
Manufacturing	129 176	125 402	964	2 378	1 599	325	454	678	718
Transportation, communications, and other public utilities	104 412	98 833	273	4 673	331	746	3 596	616	290
Wholesale and retail trade	187 487	179 308	1 489	1 485	788	354	343	2 966	3 728
Finance, insurance, and real estate	144 897	137 350	365	5 614	3 109	978	1 527	951	982
Professional and related services	161 971	94 234	151	65 818	5 160	27 354	33 304	801	1 118
Public administration	115 678	–	–	115 678	51 311	22 354	42 013	–	–
All other industries	83 729	71 601	1 208	5 380	1 651	2 272	1 457	3 637	3 111
Clerical and kindred workers—allocated	541 491	423 368	5 804	99 373	33 040	25 866	40 467	11 736	7 014
Craftsmen and kindred workers	**517 648**	**444 833**	**3 840**	**35 458**	**12 196**	**7 979**	**15 283**	**31 913**	**5 444**
Automobile accessories installers	328	188	–	56	–	–	56	84	–
Bakers	32 092	20 748	215	8 269	258	1 764	6 247	2 474	601
Cabinetmakers	3 301	2 995	15	43	22	21	–	222	41
Carpet installers	735	550	19	65	45	–	20	98	22
Construction craftsmen	47 096	36 609	458	3 177	1 137	675	1 365	6 752	558
Brickmasons and stonemasons	2 054	1 778	44	41	–	–	41	212	23
Brickmasons and stonemasons, apprentices	168	145	–	23	–	–	23	–	–
Bulldozer operators	1 245	933	–	223	61	55	107	89	–
Carpenters	11 110	9 055	117	541	144	169	228	1 406	108
Carpenter apprentices	124	104	–	–	–	–	–	20	–
Cement and concrete finishers	1 078	890	–	115	–	16	99	73	–
Electricians	8 283	7 231	22	809	634	68	107	206	37
Electrician apprentices	229	215	–	14	14	–	–	–	–
Excavating, grading, and road machine operators; except bulldozer	2 360	1 534	–	581	11	139	431	225	20
Floor layers, except tile setters	355	333	–	22	–	–	22	–	–
Painters, construction and maintenance	12 716	8 873	190	531	162	172	197	2 985	327
Painter apprentices	16	16	–	–	–	–	–	–	–
Paperhangers	1 084	321	15	–	–	–	–	720	43
Plasterers	491	435	19	–	–	–	–	56	–
Plasterer apprentices	60	60	–	–	–	–	–	–	–
Plumbers and pipe fitters	4 048	3 297	51	259	125	21	113	492	–
Plumber and pipe fitter apprentices	159	136	–	23	23	–	–	–	–
Roofers and slaters	938	668	–	20	–	–	20	250	–
Structural metal craftsmen	913	878	–	35	–	35	–	–	–
Tile setters	421	383	–	–	–	–	–	38	–
Cranemen, derrickmen, and hoistmen	1 931	1 754	–	159	57	51	51	18	–
Decorators and window dressers	41 851	33 626	904	270	72	84	114	6 818	1 137
Dental laboratory technicians	6 207	5 725	–	190	100	54	36	247	45
Electric power linemen and cablemen	1 207	1 109	–	85	–	–	85	13	–
Engravers, except photoengravers	2 416	2 194	28	140	118	22	–	66	16
Foremen, n.e.c	126 344	117 751	926	6 478	1 996	2 293	2 189	1 607	508
Construction	1 416	1 234	60	144	19	61	64	38	–
Manufacturing	77 838	76 587	531	684	448	75	161	351	216
Metal industries	3 301	3 301	20	–	–	–	–	–	–
Machinery, except electrical	2 433	2 433	37	–	–	–	–	–	–
Electrical machinery, equipment, and supplies	9 045	9 001	–	22	–	22	–	–	22
Transportation equipment	2 111	1 995	–	116	116	–	–	–	–
Other durable goods	9 583	9 224	94	238	183	20	35	53	68
Food and kindred products	5 470	5 362	21	67	–	–	67	17	24
Textiles, textile products, and apparel	30 592	30 220	262	95	43	33	19	255	22
Other nondurable goods, including not specified manufacturing	15 303	15 051	97	146	106	–	40	26	80
Transportation	1 525	1 363	40	141	30	–	111	21	–
Communications, and utilities and sanitary services	4 505	4 085	–	395	60	19	316	25	–
Wholesale and retail trade	21 525	20 424	210	271	189	20	62	702	128
All other industries[2]	19 535	14 058	85	4 843	1 250	2 118	1 475	470	164
Furniture and wood finishers	3 701	3 380	–	16	16	–	–	256	49
Furriers	482	427	–	21	–	–	21	34	–
Glaziers	935	877	–	38	–	22	16	20	–
Inspectors, scalers, and graders; log and lumber	1 999	1 960	–	–	–	–	–	39	–
Inspectors, n.e.c	8 408	7 729	–	655	86	226	343	24	–
Construction	189	104	–	85	24	19	42	–	–
Railroads and railway express service	224	224	–	–	–	–	–	–	–

[1]Originally reported as "Self-employed in own incorporated business," see text. [2]Includes transportation, communications, and other public utilities—allocated.

Table 43. **Class of Worker of Employed Persons by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total	Wage and salary workers						Self-employed workers	Unpaid family workers
		Private wage and salary workers		Government workers					
		Total	Employee of own corporation[1]	Total	Federal	State	Local		
Female, 16 years old and over—Continued									
Craftsmen and kindred workers—Continued									
Jewelers and watchmakers	4 014	3 315	42	17	–	17	–	603	79
Locomotive engineers	456	456	–	–	–	–	–	–	–
Locomotive firemen	228	228	–	–	–	–	–	–	–
Mechanics and repairmen	49 170	38 985	231	7 007	4 952	637	1 418	2 804	374
Air conditioning, heating, and refrigeration	1 074	916	35	87	42	25	20	71	–
Aircraft	4 304	3 048	–	1 236	1 173	–	63	–	20
Automobile body repairmen	1 055	923	–	–	–	–	–	99	33
Automobile mechanics	11 288	8 946	92	837	329	213	295	1 447	58
Automobile mechanic apprentices	62	42	–	20	20	–	–	–	–
Data processing machine repairmen	735	563	17	172	114	–	58	–	–
Farm implement	355	319	–	–	–	–	–	17	19
Heavy equipment mechanics, including diesel	10 884	9 787	16	966	665	124	177	131	–
Household appliance and accessory installers and mechanics	2 622	2 191	14	197	–	35	162	179	55
Loom fixers	265	243	–	–	–	–	–	22	–
Office machine	876	839	–	37	–	15	22	–	–
Radio and television	5 355	3 712	57	1 255	758	83	414	299	89
Railroad and car shop	486	451	–	35	18	–	17	–	–
Mechanics, except auto, apprentices	338	252	–	86	45	41	–	–	–
Miscellaneous mechanics and repairmen, including mechanics, except auto, apprentices	7 475	4 825	–	2 032	1 819	83	130	518	100
Manufacturing	3 185	3 000	–	141	141	–	–	44	–
Not specified mechanics and repairmen	2 396	2 222	–	153	34	59	60	21	–
Manufacturing	1 415	1 396	–	19	19	–	–	–	–
Metal craftsmen, except mechanics	33 079	31 442	76	1 373	879	92	402	240	24
Blacksmiths	346	237	–	97	–	–	97	12	–
Boilermakers	420	420	–	–	–	–	–	–	–
Forgemen and hammermen	834	805	–	18	–	–	18	11	–
Heat treaters, annealers, and temperers	415	397	–	18	18	–	–	–	–
Job and die setters, metal	2 101	2 070	–	31	16	–	15	–	–
Machinists	11 560	10 846	61	616	474	8	134	74	24
Machinist apprentices	249	214	–	35	22	–	13	–	–
Millwrights	975	975	–	–	–	–	–	–	–
Molders, metal	6 057	5 949	–	108	15	16	77	–	–
Molder apprentices	16	16	–	–	–	–	–	–	–
Pattern and model makers, except paper	1 817	1 689	–	20	20	–	–	108	–
Rollers and finishers, metal	1 385	1 363	–	22	–	–	22	–	–
Sheetmetal workers and tinsmiths	3 231	2 823	–	390	320	50	20	18	–
Sheetmetal apprentices	44	44	–	–	–	–	–	–	–
Shipfitters	196	196	–	–	–	–	–	–	–
Tool and die makers	3 742	3 672	15	53	16	18	19	17	–
Tool and die maker apprentices	56	56	–	–	–	–	–	–	–
Millers; grain, flour, and feed	283	263	–	–	–	–	–	20	–
Motion picture projectionists	489	316	–	152	65	58	29	–	21
Opticians, and lens grinders and polishers	6 229	5 965	88	145	78	32	35	63	56
Piano and organ tuners and repairmen	266	207	–	–	–	–	–	59	–
Power station operators	704	644	–	60	–	–	60	–	–
Printing craftsmen	57 860	53 301	173	2 992	926	1 093	973	1 067	500
Bookbinders	18 594	17 544	20	885	249	406	230	121	44
Compositors and typesetters	22 029	19 966	92	943	249	348	346	705	415
Printing trades apprentices, except pressmen	295	265	–	30	–	30	–	–	–
Electrotypers and stereotypers	359	300	–	59	21	19	19	–	–
Photoengravers and lithographers	4 293	4 070	39	164	74	23	67	59	–
Pressmen and plate printers, printing	12 585	11 421	22	941	333	297	311	182	41
Pressman apprentices	58	58	–	–	–	–	–	–	–
Shoe repairmen	5 643	4 834	–	41	20	–	21	598	170
Sign painters and letterers	1 655	1 178	–	143	37	21	85	318	16
Stationary engineers	2 794	2 043	–	729	112	160	457	22	–
Stone cutters and stone carvers	511	405	–	–	–	–	–	58	48
Tailors	22 030	19 418	232	354	215	37	102	1 863	395
Telephone installers and repairmen	8 064	7 839	–	201	42	56	103	24	–
Telephone linemen and splicers	671	671	–	–	–	–	–	–	–
Upholsterers	9 893	6 448	88	84	18	24	42	3 058	303
Craftsmen and kindred workers, n.e.c	7 669	7 242	–	165	99	22	44	241	21
Former members of the Armed Forces	63	–	–	63	63	–	–	–	–
Craftsmen and kindred workers—allocated	26 844	22 011	345	2 270	783	518	969	2 103	460

[1]Originally reported as "Self-employed in own incorporated business," see text.

Table 43. **Class of Worker of Employed Persons by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total	Wage and salary workers					Self-employed workers	Unpaid family workers
		Private wage and salary workers		Government workers				
		Total	Employee of own corporation[1]	Total	Federal	State	Local		
Female, 16 years old and over—Continued								
Operatives, except transport	**4 035 745**	**3 875 035**	**7 498**	**89 328**	**36 534**	**23 178**	**29 616**	**58 093**	**13 289**
Asbestos and insulation workers	472	457	–	–	–	–	–	15	–
Assemblers	459 134	446 980	409	10 737	6 864	1 255	2 618	787	630
Blasters and powdermen	305	204	–	101	56	28	17	–	–
Bottling and canning operatives	16 082	15 891	23	96	38	16	42	78	17
Chainmen, rodmen, and axmen; surveying	150	150	–	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	332 638	326 698	348	5 156	3 016	811	1 329	645	139
Clothing ironers and pressers	136 772	129 245	149	5 332	1 949	1 987	1 396	1 520	675
Cutting operatives, n.e.c	44 079	43 052	61	550	207	91	252	393	84
Dressmakers and seamstresses, except factory	92 354	60 520	782	2 731	1 276	852	603	28 242	861
Drillers, earth	3 629	3 485	–	91	18	55	18	36	17
Dry wall installers and lathers	450	336	–	–	–	–	–	114	–
Dyers	1 910	1 910	–	–	–	–	–	–	–
Garage workers and gas station attendants	11 947	9 015	52	497	329	30	138	871	1 564
Graders and sorters, manufacturing	24 113	23 749	–	245	85	69	91	99	20
Produce graders and packers, except factory and farm	20 207	19 947	35	128	41	–	87	69	63
Laundry and drycleaning operatives, n.e.c	105 146	88 812	282	11 917	1 975	4 854	5 088	3 177	1 240
Meat cutters and butchers, except manufacturing	11 186	10 295	134	204	94	81	29	521	166
Meat cutters and butchers, manufacturing	17 538	17 376	58	55	21	–	34	85	22
Meat wrappers, retail trade	42 340	41 682	–	200	149	17	34	211	247
Metalworking operatives, except precision machine	152 407	148 751	289	2 801	1 695	236	870	567	288
Filers, polishers, sanders, and buffers	22 779	22 408	67	168	76	–	92	123	80
Furnacemen, smeltermen, and pourers	2 486	2 449	–	37	37	–	–	–	–
Heaters, metal	200	158	–	42	–	–	42	–	–
Metal platers	2 762	2 582	–	141	124	–	17	18	21
Punch and stamping press operatives	49 307	48 743	171	438	135	64	239	65	61
Riveters and fasteners	11 051	10 900	–	127	21	20	86	24	–
Solderers	32 789	31 650	–	1 045	775	69	201	74	20
Welders and flame-cutters	31 033	29 861	51	803	527	83	193	263	106
Milliners	1 838	1 674	19	33	18	–	15	131	–
Mine operatives, n.e.c	4 531	4 382	73	53	36	17	–	80	16
Coal mining	681	661	–	–	–	–	–	20	–
Crude petroleum and natural gas extractions	3 244	3 152	24	36	36	–	–	40	16
Mining and quarrying, except fuel	606	569	49	17	–	17	–	20	–
Mixing operatives	2 616	2 551	20	44	44	–	–	21	–
Oilers and greasers, except auto	1 710	1 635	–	54	17	–	37	21	–
Packers and wrappers, except meat and produce	313 356	307 711	468	4 126	2 112	642	1 372	807	712
Painters, manufactured articles	16 766	16 270	48	313	165	41	107	105	78
Photographic process workers	28 714	25 546	126	1 821	622	492	707	916	431
Precision machine operatives	38 300	37 582	43	665	424	79	162	37	16
Drill press operatives	15 282	14 985	–	278	183	–	95	19	–
Grinding machine operatives	8 048	7 918	–	114	85	–	29	–	16
Lathe and milling machine operatives	7 347	7 130	–	199	111	50	38	18	–
Precision machine operatives, n.e.c	7 623	7 549	43	74	45	29	–	–	–
Sailors and deckhands	454	390	–	64	41	–	23	–	–
Sawyers	7 974	7 752	37	121	–	55	66	82	19
Sewers and stitchers	816 441	801 711	1 241	8 368	2 789	2 182	3 397	5 174	1 188
Shoemaking machine operatives	37 228	36 902	–	267	43	136	88	40	19
Stationary firemen	8 635	8 184	–	372	97	152	123	65	14
Textile operatives	232 985	229 938	377	1 875	299	486	1 090	1 015	157
Carding, lapping, and combing operatives	5 189	5 167	18	–	–	–	–	22	–
Knitters, loopers, and toppers	17 536	17 195	44	228	37	44	147	91	22
Spinners, twisters, and winders	99 536	98 714	132	677	87	189	401	123	22
Weavers	26 040	25 249	82	169	–	81	88	574	48
Textile operatives, n.e.c	84 684	83 613	101	801	175	172	454	205	65
Winding operatives, n.e.c	30 955	30 650	71	265	95	47	123	40	–
Miscellaneous and not specified operatives	719 735	692 715	1 135	19 501	7 847	5 828	5 826	5 571	1 948
Occupation:									
Machine operatives, miscellaneous specified	290 945	282 913	466	5 241	2 519	1 182	1 540	2 107	684
Machine operatives, not specified	150 621	146 219	169	3 997	2 158	710	1 129	281	124
Miscellaneous operatives	187 870	177 049	365	7 781	2 103	3 313	2 365	2 156	884
Not specified operatives	90 299	86 534	135	2 482	1 067	623	792	1 027	256
Industry:									
Manufacturing	634 569	621 382	977	9 089	4 443	1 553	3 093	3 022	1 076
Durable goods	308 865	300 727	394	5 980	3 350	931	1 699	1 763	395
Lumber and wood products, except furniture	10 449	10 296	–	70	29	–	41	83	–
Furniture and fixtures	13 861	13 734	26	59	23	21	15	–	68
Stone, clay, and glass products	18 314	17 865	19	189	31	76	82	224	36
Glass and glass products	7 047	6 985	–	43	–	–	43	19	–
Cement, concrete, gypsum, and plaster products	645	645	–	–	–	–	–	–	–
Other stone, clay, and glass products	10 622	10 235	19	146	31	76	39	205	36

[1]Originally reported as "Self-employed in own incorporated business," see text.

Table 43. Class of Worker of Employed Persons by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total	Wage and salary workers					Self-employed workers	Unpaid family workers
		Private wage and salary workers		Government workers				
		Total	Employee of own corporation[1]	Total	Federal	State	Local	
Female, 16 years old and over—Continued								
Operatives, except transport—Continued								
Miscellaneous and not specified operatives—Continued								
Industry—Continued								
Manufacturing—Continued								
Durable goods—Continued								
Primary metal industries	11 548	11 280	–	227	61	22	144	–	41
Blast furnaces, steel works, and rolling and finishing mills	1 212	1 145	–	67	22	22	23	–	–
Other primary iron and steel industries	3 069	2 976	–	73	–	–	73	–	20
Primary nonferrous industries	7 267	7 159	–	87	39	–	48	–	21
Fabricated metal industries, including not specified metal	29 934	29 397	74	338	151	–	187	178	21
Cutlery, hand tools, and other hardware	5 787	5 770	27	17	–	–	17	–	–
Fabricated structural metal products	2 830	2 729	–	19	19	–	–	82	–
Screw machine products, & metal stamping	7 507	7 333	22	118	66	–	52	35	21
Miscellaneous fabricated metal products and not specified metal	13 810	13 565	25	184	66	–	118	61	–
Machinery, except electrical	23 373	23 117	45	103	67	–	36	110	43
Farm machinery and equipment	946	946	22	–	–	–	–	–	–
Construction & material handling machines	807	807	–	–	–	–	–	–	–
Metalworking machinery	4 017	3 959	–	36	–	–	36	–	22
Office and accounting machines, and electronic computing equipment	5 759	5 736	–	–	–	–	–	23	–
Other machinery, except electrical	11 844	11 669	23	67	67	–	–	87	21
Electrical machinery, equipment, and supplies	107 332	105 189	112	1 943	822	418	703	113	87
Household appliances	5 522	5 428	19	70	–	24	46	24	–
Radio, T.V., and communication equipment	29 907	29 181	–	652	275	170	207	51	23
Electrical machinery, equipment, and supplies, n.e.c	64 495	63 335	93	1 058	500	201	357	38	64
Not specified electrical machinery, equipment, and supplies	7 408	7 245	–	163	47	23	93	–	–
Transportation equipment	23 285	22 477	–	754	552	160	42	54	–
Motor vehicles & motor vehicle equipment	13 592	13 488	–	104	43	42	19	–	–
Aircraft and parts	6 818	6 203	–	580	462	118	–	35	–
Other transportation equipment	2 875	2 786	–	70	47	–	23	19	–
Professional and photographic equipment, and watches	18 736	18 420	20	276	56	64	156	20	20
Professional equipment and supplies	13 455	13 223	20	212	35	21	156	20	–
Ordnance	7 022	5 318	19	1 704	1 535	48	121	–	–
Miscellaneous manufacturing industries	43 762	42 406	79	317	23	122	172	960	79
Durable goods—allocated	1 249	1 228	–	–	–	–	–	21	–
Nondurable goods	319 382	314 547	583	2 910	1 055	605	1 250	1 259	666
Food and kindred products	64 153	62 938	263	332	22	143	167	517	366
Meat products	15 433	15 233	20	54	–	27	27	123	23
Dairy products	2 106	1 983	102	6	–	6	–	23	94
Canning and preserving fruits, vegetables, and seafoods	22 110	21 806	36	137	22	44	71	121	46
Bakery products	6 802	6 682	83	20	–	20	–	40	60
Beverage industries	1 872	1 854	–	–	–	–	–	18	–
Other food and kindred products	15 830	15 380	22	115	–	46	69	192	143
Tobacco manufactures	9 225	9 139	32	86	17	21	48	–	–
Apparel and other fabricated textile products	66 875	66 215	135	528	150	95	283	132	–
Apparel and accessories	56 083	55 606	91	424	114	75	235	53	–
Miscellaneous fabricated textile products	10 792	10 609	44	104	36	20	48	79	–
Paper and allied products	40 087	39 565	43	411	120	86	205	52	59
Pulp, paper, and paperboard mills	7 632	7 472	21	160	13	22	125	–	–
Miscellaneous paper and pulp products	15 811	15 689	–	101	15	46	40	–	21
Paperboard containers and boxes	16 644	16 404	22	150	92	18	40	52	38
Printing, publishing, and allied industries	34 300	33 244	75	628	274	166	188	262	166
Printing, publishing, and allied industries, except newspapers	31 440	30 444	75	628	274	166	188	225	143
Chemicals and allied products	23 800	23 297	–	436	325	51	60	67	–
Industrial chemicals	1 841	1 764	–	77	56	21	–	–	–
Synthetic fibers	1 691	1 691	–	–	–	–	–	–	–
Soaps and cosmetics	5 623	5 556	–	23	–	–	23	44	–
Other chemicals and allied products	14 645	14 286	–	336	269	30	37	23	–
Petroleum and coal products	580	580	–	–	–	–	–	–	–
Rubber and miscellaneous plastic products	53 875	53 336	–	350	126	43	181	147	42
Rubber products	17 853	17 656	–	98	39	–	59	80	19
Miscellaneous plastic products	36 022	35 680	–	252	87	43	122	67	23
Leather and leather products	24 625	24 384	35	126	21	–	105	82	33
Tanned, curried, and finished leather	1 946	1 946	–	–	–	–	–	–	–
Footwear, except rubber	13 434	13 359	35	40	21	–	19	19	16
Leather products, except footwear	9 245	9 079	–	86	–	–	86	63	17
Nondurable goods—allocated	1 862	1 849	–	13	–	–	13	–	–
Not specified manufacturing industries	6 322	6 108	–	199	38	17	144	–	15

[1]Originally reported as "Self-employed in own incorporated business," see text.

Table 43. **Class of Worker of Employed Persons by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total	Wage and salary workers						Self-employed workers	Unpaid family workers
		Private wage and salary workers		Government workers					
		Total	Employee of own corporation[1]	Total	Federal	State	Local		
Female, 16 years old and over—Continued									
Operatives, except transport—Continued									
Miscellaneous and not specified operatives—Continued									
Industry—Continued									
Nonmanufacturing industries	85 166	71 333	158	10 412	3 404	4 275	2 733	2 549	872
Construction	1 045	912	–	114	13	42	59	19	–
Railroads and railway express service	373	373	–	–	–	–	–	–	–
Transportation, except railroads	1 480	1 384	–	73	15	–	58	–	23
Communications, and utilities and sanitary services	1 524	1 368	–	156	67	15	74	–	–
Wholesale trade	21 597	21 151	35	279	142	25	112	84	83
Retail trade	21 092	19 353	58	253	111	21	121	1 104	382
Business and repair services	7 633	6 811	47	140	20	35	85	505	177
Public administration	3 268	–	–	3 268	2 343	456	469	–	–
All other industries[2]	27 154	19 981	18	6 129	693	3 681	1 755	837	207
Operatives, except transport—allocated	300 648	280 887	1 218	10 545	4 072	2 639	3 834	6 558	2 658
Transport equipment operatives	**133 898**	**79 341**	**417**	**47 999**	**1 793**	**7 286**	**38 920**	**5 125**	**1 433**
Boatmen and canalmen	397	206	–	191	22	48	121	–	–
Bus drivers	67 784	27 511	–	38 948	493	5 884	32 571	1 018	307
Conductors and motormen, urban rail transit	349	195	–	154	–	19	135	–	–
Deliverymen and routemen	19 163	17 002	106	735	157	35	543	1 168	258
Fork lift and tow motor operatives	3 699	3 502	–	160	115	21	24	–	37
Motormen; mine, factory, logging camp, etc	285	264	–	21	–	21	–	–	–
Parking attendants	906	654	21	152	19	22	111	76	24
Railroad brakemen	597	597	–	–	–	–	–	–	–
Railroad switchmen	987	855	–	110	93	17	–	22	–
Taxicab drivers and chauffeurs	9 228	6 687	145	1 086	255	165	666	1 302	153
Truck drivers	20 275	16 565	65	2 139	469	373	1 297	1 169	402
Trucking service	7 961	6 838	38	102	40	19	43	851	170
Transport equipment operatives—allocated	10 228	5 303	80	4 303	170	681	3 452	370	252
Laborers, except farm	**280 385**	**243 645**	**736**	**19 298**	**9 281**	**3 457**	**6 560**	**12 113**	**5 329**
Animal caretakers, except farm	14 834	10 213	115	733	109	265	359	3 383	505
Carpenters' helpers	936	832	–	45	–	17	28	–	59
Construction laborers, except carpenters' helpers	9 206	7 708	–	1 397	315	561	521	–	101
Fishermen and oystermen	1 162	636	–	–	–	–	–	396	130
Freight and material handlers	37 677	32 971	68	4 326	3 866	225	235	233	147
Garbage collectors	950	248	–	461	37	–	424	174	67
Gardeners and groundskeepers, except farm	9 090	6 683	14	1 099	196	165	738	1 046	262
Longshoremen and stevedores	826	678	–	148	43	84	21	–	–
Lumbermen, raftsmen, and woodchoppers	1 892	1 453	–	40	–	20	20	355	44
Stock handlers	102 108	92 388	289	2 462	824	545	1 093	4 401	2 857
Teamsters	260	218	–	–	–	–	–	17	25
Vehicle washers and equipment cleaners	12 395	11 634	65	545	97	153	295	166	50
Warehousemen, n.e.c	4 074	2 674	23	1 356	1 245	24	87	–	44
Miscellaneous and not specified laborers	63 923	57 537	66	4 842	1 638	1 157	2 047	1 024	520
Occupation:									
Miscellaneous laborers	17 310	15 299	18	1 136	588	259	289	615	260
Not specified laborers	46 613	42 238	48	3 706	1 050	898	1 758	409	260
Industry:									
Manufacturing	37 577	36 510	23	862	505	129	228	105	100
Durable goods	20 155	19 434	–	639	395	112	132	64	18
Lumber and wood products, except furniture	1 557	1 557	–	–	–	–	–	–	–
Furniture and fixtures	1 347	1 347	–	–	–	–	–	–	–
Stone, clay, and glass products	1 238	1 217	–	21	–	–	21	–	–
Cement, concrete, gypsum, and plaster products	122	122	–	–	–	–	–	–	–
Structural clay products	208	208	–	–	–	–	–	–	–
Other stone, clay, and glass products	908	887	–	21	–	–	21	–	–
Primary metal industries	1 634	1 544	–	90	–	19	71	–	–
Blast furnaces, steel works, and rolling and finishing mills	617	562	–	55	–	19	36	–	–
Other primary iron and steel industries	445	410	–	35	–	–	35	–	–
Primary nonferrous industries	572	572	–	–	–	–	–	–	–
Fabricated metal industries, including not specified metal	3 902	3 786	–	52	32	–	20	64	–
Fabricated structural metal products	432	413	–	–	–	–	–	19	–
Machinery, except electrical	1 233	1 233	–	–	–	–	–	–	–
Electrical machinery, equipment, and supplies	3 641	3 622	–	19	19	–	–	–	–
Transportation equipment	1 496	1 454	–	24	24	–	–	–	18
Motor vehicles & motor vehicles equipment	727	709	–	–	–	–	–	–	18
Ship and boat building and repairing	261	237	–	24	24	–	–	–	–
Other transportation equipment	508	508	–	–	–	–	–	–	–
Professional and photographic equipment, and watches	672	672	–	–	–	–	–	–	–
Ordnance	1 143	808	–	335	320	15	–	–	–
Miscellaneous manufacturing industries	2 221	2 123	–	98	–	78	20	–	–
Manufacturing, durable goods—allocated	71	71	–	–	–	–	–	–	–

[1]Originally reported as "Self-employed in own incorporated business," see text. [2]Includes transportation, communications, and other public utilities—allocated.

Table 43. Class of Worker of Employed Persons by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total	Wage and salary workers						Self-employed workers	Unpaid family workers
		Private wage and salary workers		Government workers					
		Total	Employee of own corporation[1]	Total	Federal	State	Local		
Female, 16 years old and over—Continued									
Laborers, except farm—Continued									
Miscellaneous and not specified laborers—Continued									
Industry—Continued									
Manufacturing—Continued									
Nondurable goods	16 928	16 603	23	202	110	17	75	41	82
Food and kindred products	5 377	5 300	23	...	...	...	...	20	57
Meat products	1 680	1 640	...	...	...	...	...	20	20
Dairy products	264	264	...	...	...	...	...	...	...
Canning and preserving fruits, vegetables, and seafoods	1 988	1 951	23	...	...	...	...	...	37
Grain-mill products	192	192	...	...	...	...	...	...	...
Beverage industries	319	319	...	...	...	...	...	...	...
Other food and kindred products	934	934	...	...	...	...	...	...	...
Tobacco manufactures	306	306	...	...	...	...	...	...	...
Textile mill products	2 597	2 581	...	16	...	...	16	...	...
Yarn, thread, and fabric mills	1 515	1 499	...	16	...	...	16	...	...
Other textile mill products	1 082	1 082	...	...	...	...	...	...	...
Apparel and other fabricated textile products	1 587	1 587	...	...	...	...	...	...	...
Paper and allied products	1 269	1 269	...	...	...	...	...	...	...
Pulp, paper, and paperboard mills	464	464	...	...	...	...	...	...	...
Other paper and allied products	805	805	...	...	...	...	...	...	...
Printing, publishing, and allied industries	891	874	...	17	...	17	...	...	...
Chemicals and allied products	1 292	1 179	...	88	70	...	18	...	25
Petroleum and coal products	80	80	...	...	...	...	...	...	...
Rubber and miscellaneous plastic products	2 001	1 940	...	40	40	...	...	21	...
Leather and leather products	1 263	1 222	...	41	...	...	41	...	...
Nondurable goods—allocated	265	265	...	...	...	...	...	...	...
Not specified manufacturing industries	494	473	...	21	...	...	21	...	...
Nonmanufacturing industries	26 346	21 027	43	3 980	1 133	1 028	1 819	919	420
Railroads and railway express service	813	758	...	55	55	...	...	...	...
Transportation, except railroads	1 020	710	...	310	...	44	266	...	...
Comm., and utilities and sanitary services	819	474	...	345	19	32	294	...	...
Transportation, communications, and other public utilities—allocated	25	25	...	...	...	...	...	...	...
Wholesale trade	3 777	3 452	...	37	...	...	37	216	72
Retail trade	5 640	5 212	25	86	14	16	56	244	98
Business and repair services	1 936	1 772	...	64	...	64	...	64	36
Personal services	3 187	2 908	...	21	...	...	21	155	103
Private households	1 337	1 320	...	...	...	...	...	...	17
Public administration	1 158	...	...	1 158	645	126	387	...	...
All other industries	7 971	5 716	18	1 904	400	746	758	240	111
Laborers, except farm—allocated	21 052	17 772	96	1 844	911	241	692	918	518
Farmers and farm managers	**71 578**	**3 459**	**1 447**	**127**	**69**	**...**	**58**	**67 647**	**345**
Farmers, owners and tenants	61 283	...	...	...	...	...	...	61 283	...
Farm managers	2 415	2 183	1 447	45	20	...	25	...	187
Farmers and farm managers—allocated	7 880	1 276	...	82	49	...	33	6 364	158
Farm laborers and farm foremen	**161 673**	**113 727**	**144**	**2 104**	**721**	**721**	**662**	**681**	**45 161**
Farm foremen	1 993	1 515	...	478	144	245	89	...	...
Farm laborers, wage workers	99 328	96 093	21	1 354	532	446	376	134	1 747
Farm laborers, unpaid family workers	40 942	...	...	...	...	...	...	...	40 942
Farm service laborers, self-employed	497	27	27	...	...	...	...	470	...
Farm laborers and farm foremen—allocated	18 913	16 092	96	272	45	30	197	77	2 472
Service workers, except private household	**4 812 200**	**3 612 411**	**16 329**	**895 495**	**82 884**	**286 689**	**525 922**	**273 481**	**30 813**
Cleaning service workers	596 487	472 802	900	114 550	15 894	34 999	63 657	6 537	2 598
Chambermaids and maids, except private household	192 596	169 175	159	21 341	1 627	8 733	10 981	1 318	762
Cleaners and charwomen	249 295	204 629	405	40 735	7 053	13 574	20 108	2 943	988
Janitors and sextons	154 596	98 998	336	52 474	7 214	12 692	32 568	2 276	848
Food service workers	1 913 363	1 531 634	5 711	320 279	24 154	89 850	206 275	42 654	18 796
Bartenders	40 088	28 634	635	545	197	20	328	8 754	2 155
Busboys	13 175	11 719	...	1 368	299	825	244	21	67
Cooks, except private household	521 020	343 074	1 934	153 899	8 934	36 672	108 293	17 863	6 184
Dishwashers	63 749	51 155	49	12 346	829	4 077	7 440	165	83
Food counter and fountain workers	111 847	76 902	56	33 572	1 987	11 192	20 393	794	579
Waiters	915 915	871 439	2 762	21 926	4 742	10 712	6 472	13 792	8 758
Food service workers, n.e.c., except private household	247 569	148 711	275	96 623	7 166	26 352	63 105	1 265	970
Health service workers	1 046 885	792 467	757	238 997	22 794	104 103	112 100	12 691	2 730
Dental assistants	88 566	83 756	...	3 535	1 420	1 318	797	...	1 275
Health aides, except nursing	101 170	80 989	...	19 676	2 859	8 241	8 576	...	505
Health trainees	17 693	14 026	...	3 667	425	1 050	2 192	...	...
Lay midwives	715	451	...	158	35	35	88	106	...
Nursing aides, orderlies, and attendants	611 929	444 248	525	163 372	12 525	78 548	72 299	3 648	661
Practical nurses	226 812	168 997	232	48 589	5 530	14 911	28 148	8 937	289

[1] Originally reported as "Self-employed in own incorporated business," see text.

Table 43. **Class of Worker of Employed Persons by Detailed Occupation and Sex: 1970**—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

United States

	Total	Wage and salary workers						Self-employed workers	Unpaid family workers
		Private wage and salary workers		Government workers					
		Total	Employee of own corporation[1]	Total	Federal	State	Local		
Female, 16 years old and over—Continued									
Service workers, except private household—Con.									
Personal service workers	777 896	482 641	6 878	99 596	10 718	34 767	54 111	191 937	3 722
Airline stewardesses	32 495	32 341	–	154	124	30	–	–	–
Attendants, recreation and amusement	17 043	11 625	163	5 025	281	1 453	3 291	311	82
Attendants, personal service, n.e.c.	37 352	25 289	228	9 055	518	2 787	5 750	2 750	258
Baggage porters and bellhops	441	441	–	–	–	–	–	–	–
Barbers	7 809	4 303	98	164	61	58	45	3 270	72
Boarding and lodging house keepers	5 509	1 434	116	125	45	19	61	3 750	200
Bootblacks	336	277	–	–	–	–	–	40	19
Child care workers, except private household	119 089	58 057	494	31 241	5 030	15 056	11 155	29 037	754
Elevator operators	9 774	8 296	–	1 478	452	195	831	–	–
Hairdressers and cosmetologists	434 097	278 281	5 530	2 116	395	1 082	639	151 956	1 744
Personal service apprentices	795	776	–	19	–	19	–	–	–
Housekeepers, except private household	74 719	52 017	249	21 306	1 215	10 435	9 656	823	573
School monitors	23 995	3 782	–	20 213	181	2 118	17 914	–	–
Ushers, recreation and amusement	4 212	3 627	–	565	104	156	305	–	20
Welfare service aides	11 025	2 871	–	8 154	2 312	1 378	4 464	–	–
Protective service workers	59 350	11 607	105	47 446	1 093	3 815	42 538	246	51
Crossing guards and bridge tenders	25 336	579	–	24 757	91	274	24 392	–	–
Firemen, fire protection	2 157	452	20	1 705	147	–	1 558	–	–
Guards and watchmen	15 808	7 798	32	7 834	628	2 818	4 388	125	51
Marshals and constables	228	–	–	228	21	22	185	–	–
Policemen and detectives	13 768	2 778	53	10 869	206	659	10 004	121	–
Public	10 869	–	–	10 869	206	659	10 004	–	–
Private	2 899	2 778	53	–	–	–	–	121	–
Sheriffs and bailiffs	2 053	–	–	2 053	–	42	2 011	–	–
Service workers, except private household—allocated	418 219	321 260	1 978	74 627	8 231	19 155	47 241	19 416	2 916
Private household workers	**1 131 981**	**1 123 214**	**388**	**857**	**277**	**190**	**390**	**7 618**	**292**
Occupation:									
Child care workers, private household	223 431	222 592	36	–	–	–	–	814	25
Cooks, private household	30 914	30 805	15	–	–	–	–	109	–
Housekeepers, private household	98 224	98 095	21	–	–	–	–	129	–
Laundresses, private household	10 812	5 781	–	–	–	–	–	4 946	85
Maids and servants, private household	652 531	651 962	22	–	–	–	–	535	34
Private household workers—allocated	116 069	113 979	294	857	277	190	390	1 085	148
Living arrangement:									
Living in	72 442	72 427	–	–	–	–	–	–	15
Housekeepers, private household	19 954	19 954	–	–	–	–	–	–	–
Maids and servants, private household	40 793	40 778	–	–	–	–	–	–	15
Living out	1 059 539	1 050 787	388	857	277	190	390	7 618	277

[1]Originally reported as "Self-employed in own incorporated business," see text.

Table 44. Class of Worker of Employed Negroes and Persons of Spanish Origin by Detailed Occupation and Sex: 1970

[Total employed Negroes shown in table 41; total employed persons of Spanish origin shown in table 42. Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Negro								Persons of Spanish origin							
	Wage and salary workers						Self-employed workers	Unpaid family workers	Wage and salary workers						Self-employed workers	Unpaid family workers
	Private wage and salary workers		Government workers						Private wage and salary workers		Government workers					
	Total	Employee of own corporation[1]	Total	Federal	State	Local			Total	Employee of own corporation[1]	Total	Federal	State	Local		
Male, 16 years old and over	**3 107 374**	**17 452**	**766 573**	**302 082**	**124 507**	**339 984**	**189 670**	**5 780**	**1 541 151**	**16 392**	**226 534**	**84 415**	**41 621**	**100 498**	**103 858**	**2 853**
Professional, technical, and kindred workers	**105 655**	**1 842**	**116 565**	**27 065**	**29 524**	**59 976**	**15 359**	**154**	**84 757**	**1 269**	**44 022**	**12 149**	**14 630**	**17 243**	**11 446**	**72**
Accountants	5 304	67	3 056	1 920	632	504	595	–	8 105	131	1 635	821	496	318	603	–
Architects	613	58	236	158	24	54	271	–	575	–	46	–	24	22	237	–
Computer specialists	4 346	–	1 931	1 330	237	364	18	19	2 614	20	712	282	234	196	–	–
Computer programers	2 963	–	1 164	752	179	233	–	19	1 810	–	603	216	234	153	–	–
Computer systems analysts	1 161	–	767	578	58	131	18	–	642	20	109	66	–	43	–	–
Computer specialists, n.e.c	222	–	–	–	–	–	–	–	162	–	–	–	–	–	–	–
Engineers	8 859	57	4 653	2 945	755	953	112	–	13 527	125	3 098	1 978	449	671	165	–
Aeronautical and astronautical	609	–	139	139	–	–	–	–	867	–	84	84	–	–	–	–
Chemical	367	–	–	–	–	–	–	–	644	–	–	–	–	–	–	–
Civil	834	17	1 409	443	449	517	23	–	2 009	39	1 410	617	299	494	–	–
Electrical and electronic	2 795	–	1 048	867	23	158	–	–	3 320	–	641	551	71	19	–	–
Industrial	1 232	19	548	401	90	57	24	–	2 099	–	264	213	21	30	23	–
Mechanical	1 189	–	626	416	111	99	14	–	1 881	22	273	251	–	22	18	–
Metallurgical and materials	138	–	21	21	–	–	–	–	167	–	–	–	–	–	–	–
Mining	77	–	–	–	–	–	–	–	20	–	–	–	–	–	–	–
Petroleum	91	–	–	–	–	–	–	–	167	24	20	20	–	–	–	–
Sales	39	–	–	–	–	–	13	–	367	–	–	–	–	–	–	–
Engineers, n.e.c	1 488	21	862	658	82	122	38	–	1 986	40	406	242	58	106	124	–
Farm management advisors	16	–	549	198	116	235	–	–	–	–	54	20	34	–	–	–
Foresters and conservationists	169	–	522	334	114	74	24	18	83	–	431	323	108	–	–	–
Home management advisors	–	–	16	–	16	–	–	–	–	–	–	–	–	–	–	–
Lawyers and judges	872	119	1 219	585	255	379	1 201	17	725	82	521	147	202	172	1 166	–
Judges	–	–	279	20	179	80	–	–	–	–	98	–	62	36	–	–
Lawyers	872	119	940	565	76	299	1 201	17	725	82	423	147	140	136	1 166	–
Librarians, archivists, and curators	455	–	1 081	346	394	341	–	–	209	–	286	–	200	86	–	29
Librarians	348	–	950	263	394	293	–	–	209	–	286	–	200	86	–	29
Archivists and curators	107	–	131	83	–	48	–	–	–	–	–	–	–	–	–	–
Mathematical specialists	216	–	521	451	70	–	–	–	211	–	81	81	–	–	–	–
Actuaries	20	–	–	–	–	–	–	–	37	–	–	–	–	–	–	–
Mathematicians	110	–	218	218	–	–	–	–	43	–	–	–	–	–	–	–
Statisticians	86	–	303	233	70	–	–	–	131	–	81	81	–	–	–	–
Life and physical scientists	2 786	–	2 189	1 226	427	536	64	–	2 155	–	905	525	316	64	51	–
Agricultural	128	–	339	166	37	136	16	–	86	–	19	–	19	–	21	–
Atmospheric and space	10	–	18	18	–	–	–	–	35	–	61	44	17	–	–	–
Biological	307	–	451	193	162	96	24	–	154	–	214	162	52	–	–	–
Chemists	2 229	–	1 053	610	139	304	24	–	1 580	–	349	179	106	64	30	–
Geologists	26	–	14	14	–	–	–	–	147	–	23	23	–	–	–	–
Marine	24	–	90	90	–	–	–	–	23	–	27	–	27	–	–	–
Physicists and astronomers	42	–	195	106	89	–	–	–	130	–	196	101	95	–	–	–
Life and physical, n.e.c	20	–	29	29	–	–	–	–	–	–	16	16	–	–	–	–
Operations and systems researchers and analysts	490	–	425	330	21	74	–	–	819	–	183	128	21	34	–	–
Personnel and labor relations workers	4 353	–	3 629	1 627	1 167	835	30	–	2 152	20	1 435	652	537	246	38	–
Physicians, dentists, and related practitioners	2 932	262	1 616	426	400	790	5 494	–	5 002	407	2 608	478	1 436	694	4 927	–
Chiropractors	–	–	–	–	–	–	118	–	–	–	–	–	–	–	107	–
Dentists	188	48	180	59	49	72	1 850	–	114	14	117	19	98	–	743	–
Optometrists	42	–	–	–	–	–	85	–	138	–	–	–	–	–	151	–
Pharmacists	1 287	60	294	142	64	88	503	–	1 266	154	127	21	66	40	350	–
Physicians, medical and osteopathic	1 327	154	1 126	209	287	630	2 763	–	3 464	239	2 364	438	1 272	654	3 481	–
Podiatrists	27	–	–	–	–	–	166	–	–	–	–	–	–	–	23	–
Veterinarians	61	–	16	16	–	–	9	–	20	–	–	–	–	–	72	–
Health practitioners, n.e.c	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

[1] Originally reported as "Self-employed in own incorporated business" – see text.

Table 44. Class of Worker of Employed Negroes and Persons of Spanish Origin by Detailed Occupation and Sex: 1970—Continued

[Total employed Negroes shown in table 41; total employed persons of Spanish origin shown in table 42. Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Negro								Persons of Spanish origin							
	Wage and salary workers								Wage and salary workers							
	Private wage and salary workers		Government workers				Self-employed workers	Unpaid family workers	Private wage and salary workers		Government workers				Self-employed workers	Unpaid family workers
	Total	Employee of own corporation[1]	Total	Federal	State	Local			Total	Employee of own corporation[1]	Total	Federal	State	Local		
Male, 16 years old and over—Continued																
Professional, technical, and kindred workers—Continued																
Registered nurses, dietitians, and therapists	2 960	53	3 799	1 305	1 300	1 194	224	–	1 427	–	851	175	453	223	39	–
Dietitians	322	–	337	234	–	103	–	–	63	–	36	19	17	–	–	–
Registered nurses	1 511	33	1 933	606	750	577	128	–	614	–	446	95	218	133	20	–
Therapists	1 127	20	1 529	465	550	514	96	–	750	–	369	61	218	90	19	–
Health technologists and technicians	4 492	18	3 698	1 654	790	1 254	95	–	2 745	20	1 300	291	288	721	115	–
Clinical laboratory technologists and technicians	2 060	18	1 928	991	337	600	56	–	1 325	–	603	232	114	257	49	–
Dental hygienists	32	–	–	–	–	–	15	–	–	–	–	–	–	–	20	–
Health record technologists and technicians	73	–	–	–	–	–	–	–	18	–	–	–	–	–	–	–
Radiologic technologists and technicians	871	–	569	200	90	279	24	–	865	20	366	39	–	327	46	–
Therapy assistants	65	–	122	67	25	30	–	–	–	–	–	–	–	–	–	–
Health technologists and technicians, n.e.c	1 391	–	1 079	396	338	345	–	–	537	–	331	20	174	137	–	–
Religious workers	10 839	403	212	66	48	98	1 969	–	3 022	90	47	28	–	19	326	–
Clergymen	10 619	403	212	66	48	98	1 899	–	2 802	90	28	28	–	–	326	–
Religious workers, n.e.c	220	–	–	–	–	–	70	–	220	–	19	–	–	19	–	–
Social scientists	830	74	1 253	431	390	432	62	–	945	18	595	325	164	106	116	–
Economists	632	52	415	328	45	42	42	–	692	18	226	226	–	–	116	–
Political scientists	–	–	–	–	–	–	–	–	–	–	21	21	–	–	–	–
Psychologists	140	22	470	40	279	151	20	–	143	–	242	44	145	53	–	–
Sociologists	16	–	–	–	–	–	–	–	22	–	–	–	–	–	–	–
Urban and regional planners	10	–	368	63	66	239	–	–	61	–	72	19	–	53	–	–
Social scientists, n.e.c	32	–	–	–	–	–	–	–	27	–	34	15	19	–	–	–
Social and recreation workers	3 356	–	11 857	1 725	2 804	7 328	–	18	1 131	–	3 740	722	923	2 095	48	–
Social	1 900	–	9 278	1 429	2 438	5 411	–	–	495	–	2 997	647	835	1 515	48	–
Recreation	1 456	–	2 579	296	366	1 917	–	18	636	–	743	75	88	580	–	–
Teachers, college and university	2 808	–	5 941	224	4 762	955	–	–	2 330	–	3 524	185	2 661	678	–	–
Agriculture	27	–	45	24	21	–	–	–	–	–	42	–	42	–	–	–
Atmospheric, earth, marine, and space	–	–	–	–	–	–	–	–	21	–	–	–	–	–	–	–
Biology	131	–	241	–	224	17	–	–	35	–	151	–	151	–	–	–
Chemistry	106	–	130	–	87	43	–	–	65	–	129	–	129	–	–	–
Physics	53	–	93	–	72	21	–	–	96	–	196	–	160	36	–	–
Engineering	44	–	118	17	78	23	–	–	25	–	174	–	158	16	–	–
Mathematics	101	–	482	–	398	84	–	–	188	–	117	–	97	20	–	–
Health specialties	131	–	103	47	56	–	–	–	90	–	116	–	95	21	–	–
Psychology	66	–	118	–	47	71	–	–	–	–	17	–	17	–	–	–
Business and commerce	41	–	85	–	85	–	–	–	95	–	35	–	35	–	–	–
Economics	38	–	75	–	57	18	–	–	38	–	43	–	43	–	–	–
History	127	–	261	–	235	26	–	–	17	–	164	–	127	37	–	–
Sociology	48	–	165	–	123	42	–	–	19	–	81	–	81	–	–	–
Social science teachers, n.e.c	91	–	95	–	77	18	–	–	49	–	42	–	42	–	–	–
Art, drama, and music	225	–	490	–	441	49	–	–	72	–	116	–	116	–	–	–
Coaches and physical education	135	–	414	–	396	18	–	–	50	–	66	–	24	42	–	–
Education	79	–	74	–	47	27	–	–	–	–	69	21	48	–	–	–
English	71	–	273	–	179	94	–	–	91	–	182	39	102	41	–	–
Foreign language	40	–	189	–	189	–	–	–	586	–	646	–	506	140	–	–
Home economics	–	–	16	–	16	–	–	–	–	–	–	–	–	–	–	–
Law	45	–	17	–	17	–	–	–	28	–	–	–	–	–	–	–
Theology	70	–	–	–	–	–	–	–	–	–	78	–	–	78	–	–
Trade, industrial, and technical	22	–	247	–	212	35	–	–	–	–	21	21	–	–	–	–
Miscellaneous teachers, college and university	23	–	132	–	84	48	–	–	138	–	179	16	163	–	–	–
Teachers, college and university, subject not specified	1 094	–	2 078	136	1 621	321	–	–	627	–	860	88	525	247	–	–

[1]Originally reported as "Self-employed in own incorporated business"—see text.

Table 44. **Class of Worker of Employed Negroes and Persons of Spanish Origin by Detailed Occupation and Sex: 1970**—Continued

[Total employed Negroes shown in table 41; total employed persons of Spanish origin shown in table 42. Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Negro								Persons of Spanish origin							
	Wage and salary workers								Wage and salary workers							
	Private wage and salary workers		Government workers						Private wage and salary workers		Government workers					
	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers
Male, 16 years old and over—Continued																
Professional, technical, and kindred workers—Continued																
Teachers, except college and university	5 837	34	43 720	1 588	8 483	33 649	351	–	3 218	–	11 452	362	2 970	8 120	415	–
Adult education	455	–	836	354	250	232	–	–	398	–	237	44	106	87	56	–
Elementary school	1 723	–	17 479	472	4 257	12 750	–	–	784	–	4 247	112	1 143	2 992	–	–
Public	–	–	17 479	472	4 257	12 750	–	–	–	–	4 247	112	1 143	2 992	–	–
Private	1 723	–	–	–	–	–	–	–	784	–	–	–	–	–	–	–
Prekindergarten and kindergarten	47	–	271	148	18	105	47	–	52	–	17	–	–	17	19	–
Public	–	–	271	148	18	105	–	–	–	–	17	–	–	17	–	–
Private	47	–	–	–	–	–	47	–	52	–	–	–	–	–	19	–
Secondary school	2 833	–	24 369	380	3 680	20 309	–	–	1 467	–	6 780	140	1 637	5 003	–	–
Public	–	–	24 369	380	3 680	20 309	–	–	–	–	6 780	140	1 637	5 003	–	–
Private	2 833	–	–	–	–	–	–	–	1 467	–	–	–	–	–	–	–
Teachers, except college and university, n.e.c	779	34	765	234	278	253	304	–	517	–	171	66	84	21	340	–
Engineering and science technicians	16 021	–	6 052	3 311	1 383	1 358	150	–	16 265	–	4 456	2 191	1 407	858	125	–
Agricultural and biological, except health	641	–	267	134	96	37	–	–	449	–	151	108	43	–	20	–
Chemical	1 883	–	307	105	109	93	–	–	1 038	–	159	60	70	29	–	–
Draftsmen	4 853	–	1 998	1 215	273	510	79	–	7 783	–	1 228	669	329	230	86	–
Electrical and electronic engineering	3 414	–	1 093	871	138	84	35	–	2 962	–	1 026	868	84	74	–	–
Industrial engineering	353	–	83	41	42	–	–	–	338	–	39	39	–	–	–	–
Mechanical engineering	430	–	22	22	–	–	–	–	155	–	–	–	–	–	–	–
Mathematical	17	–	–	–	–	–	–	–	–	–	32	32	–	–	–	–
Surveyors	413	–	559	89	218	252	–	–	730	–	808	59	449	300	19	–
Engineering and science, n.e.c	4 017	–	1 723	834	507	382	36	–	2 810	–	1 013	356	432	225	–	–
Technicians, except health, and engineering and science	1 453	–	1 693	1 129	173	391	92	–	1 225	17	1 392	882	207	303	53	–
Airplane pilots	55	–	–	–	–	–	22	–	486	17	24	–	24	–	–	–
Air traffic controllers	–	–	694	694	–	–	–	–	–	–	418	418	–	–	–	–
Embalmers	213	–	36	20	–	16	49	–	19	–	–	–	–	–	34	–
Flight engineers	64	–	21	21	–	–	–	–	55	–	17	17	–	–	19	–
Radio operators	392	–	222	23	20	179	–	–	219	–	324	41	39	244	–	–
Tool programers, numerical control	71	–	28	28	–	–	–	–	20	–	18	–	18	–	–	–
Technicians, n.e.c	658	–	692	343	153	196	21	–	426	–	591	406	126	59	–	–
Vocational and educational counselors	788	–	3 646	237	1 149	2 260	–	23	400	–	978	174	378	426	–	–
Writers, artists, and entertainers	11 663	341	2 735	1 322	447	966	3 047	40	10 833	263	1 418	774	277	367	2 452	43
Actors	325	–	15	–	–	15	89	–	95	–	–	–	–	–	–	–
Athletes and kindred workers	1 445	21	358	41	28	289	195	–	757	20	58	–	20	38	236	–
Authors	133	–	46	30	16	–	82	–	125	–	19	19	–	–	63	24
Dancers	66	–	–	–	–	–	–	–	112	–	–	–	–	–	–	–
Designers	1 037	28	182	98	–	84	100	–	1 914	40	116	19	62	35	221	–
Editors and reporters	1 156	20	317	220	43	54	57	21	1 112	19	102	102	–	–	123	–
Musicians and composers	2 960	172	98	–	37	61	1 488	–	1 947	18	–	–	–	–	679	–
Painters and sculptors	1 056	23	136	90	–	46	293	–	1 248	19	173	104	33	36	651	19
Photographers	729	52	500	318	82	100	457	–	1 244	92	358	227	19	112	279	–
Public relations men and publicity writers	907	25	579	214	144	221	71	–	800	18	153	66	24	63	24	–
Radio and television announcers	464	–	42	20	–	22	–	–	309	–	–	–	–	–	–	–
Writers, artists, and entertainers, n.e.c	1 385	–	462	291	97	74	215	19	1 170	37	439	237	119	83	176	–
Research workers, not specified	975	–	856	323	359	174	18	–	845	19	602	195	383	24	41	–
Professional, technical, and kindred workers—allocated	12 222	356	9 460	1 874	2 808	4 778	1 542	19	4 194	57	1 672	410	462	800	529	–

[1]Originally reported as "Self-employed in own incorporated business"—see text.

Table 44. Class of Worker of Employed Negroes and Persons of Spanish Origin by Detailed Occupation and Sex: 1970—Continued

[Total employed Negroes shown in table 41; total employed persons of Spanish origin shown in table 42. Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Negro								Persons of Spanish origin							
	Wage and salary workers								Wage and salary workers							
	Private wage and salary workers		Government workers						Private wage and salary workers		Government workers					
	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers
Male, 16 years old and over—Continued																
Managers and administrators, except farm	**63 287**	**4 268**	**29 400**	**10 431**	**5 323**	**13 646**	**26 632**	**243**	**67 151**	**6 492**	**11 367**	**5 165**	**2 221**	**3 981**	**21 825**	**248**
Assessors, controllers, and treasurers; local public administration	–	–	249	–	–	249	–	–	–	–	245	–	–	245	–	–
Bank officers and financial managers	2 717	–	366	346	20	–	–	–	4 327	–	148	104	44	–	24	–
Buyers and shippers, farm products	117	–	24	24	–	–	21	–	190	–	–	–	–	–	122	–
Buyers, wholesale and retail trade	1 411	–	38	–	–	38	275	–	1 647	227	19	–	19	–	563	–
Credit men	355	–	–	–	–	–	–	–	1 040	–	16	–	–	16	–	–
Funeral directors	1 505	298	–	–	–	–	1 162	–	294	55	–	–	–	–	78	–
Health administrators	1 078	19	698	120	177	401	112	–	358	–	143	–	86	57	23	–
Construction inspectors; public administration	–	–	318	–	26	292	–	–	–	–	339	77	34	228	–	–
Inspectors, except construction; public administration	–	–	3 897	2 770	385	742	–	–	–	–	1 880	1 397	179	304	–	–
Federal public administration and postal service	–	–	2 770	2 770	–	–	–	–	–	–	1 397	1 397	–	–	–	–
State public administration	–	–	385	–	385	–	–	–	–	–	179	–	179	–	–	–
Local public administration	–	–	742	–	–	742	–	–	–	–	304	–	–	304	–	–
Managers and superintendents, building	1 867	67	658	204	68	386	277	–	1 608	–	267	65	100	102	222	–
Office managers, n.e.c	857	–	254	108	67	79	22	–	2 015	–	107	44	20	43	39	–
Officers, pilots, and pursers; ship	140	–	29	29	–	–	22	–	309	–	19	–	19	–	–	–
Officials and administrators; public administration, n.e.c	–	–	7 652	3 990	1 346	2 316	–	–	–	–	3 614	1 961	687	966	–	–
Federal public administration and postal service	–	–	3 990	3 990	–	–	–	–	–	–	1 961	1 961	–	–	–	–
State public administration	–	–	1 346	–	1 346	–	–	–	–	–	687	–	687	–	–	–
Local public administration	–	–	2 316	–	–	2 316	–	–	–	–	966	–	–	966	–	–
Officials of lodges, societies, and unions	2 346	–	–	–	–	–	–	–	852	–	–	–	–	–	–	–
Postmasters and mail superintendents	–	–	186	186	–	–	–	–	–	–	330	330	–	–	–	–
Purchasing agents and buyers, n.e.c	1 044	–	763	544	57	162	19	–	1 457	41	472	350	59	63	82	–
Railroad conductors	816	–	297	33	20	244	–	–	323	–	17	17	–	–	–	–
Restaurant, cafeteria, and bar managers	3 727	344	92	57	–	35	3 169	59	4 217	483	42	23	–	19	2 842	57
Sales managers and department heads, retail trade	2 659	16	71	25	–	46	186	–	3 799	42	19	19	–	–	137	–
Sales managers, except retail trade	1 295	29	79	79	–	–	20	–	2 538	47	26	–	26	–	60	–
School administrators, college	760	24	512	–	494	18	17	–	96	20	107	–	107	–	23	–
School administrators, elementary and secondary	558	–	6 764	89	1 238	5 437	22	–	159	–	1 284	20	216	1 048	–	–
Managers and administrators, n.e.c., salaried	34 420	3 144	4 714	1 117	1 076	2 521	–	–	38 389	5 425	1 467	404	492	571	–	–
Construction	3 627	617	365	92	97	176	–	–	3 246	1 006	322	58	101	163	–	–
Durable goods manufacturing	2 526	97	137	107	–	30	–	–	3 878	410	98	82	16	–	–	–
Nondurable goods, including not specified manufacturing	2 477	177	39	20	–	19	–	–	3 301	313	18	–	–	18	–	–
Transportation	1 500	143	245	21	43	181	–	–	2 040	475	41	18	–	23	–	–
Communications, and utilities and sanitary services	839	–	138	–	–	138	–	–	917	51	123	–	–	123	–	–
Wholesale trade	2 218	134	36	19	–	17	–	–	4 240	711	37	37	–	–	–	–
Retail trade	11 178	1 309	476	196	84	196	–	–	13 053	1 669	143	85	37	21	–	–
Hardware, farm equipment, and building material retailing	387	41	24	24	–	–	–	–	554	130	–	–	–	–	–	–
General merchandise stores	1 771	41	113	60	–	53	–	–	1 239	43	41	41	–	–	–	–
Food stores	3 402	369	75	47	–	28	–	–	4 058	435	21	–	–	21	–	–
Motor vehicles and accessories retailing	679	58	24	–	–	24	–	–	1 557	70	20	–	20	–	–	–
Gasoline service stations	1 951	494	57	24	–	33	–	–	2 245	331	44	44	–	–	–	–
Apparel and accessories stores	714	20	23	–	23	–	–	–	990	91	–	–	–	–	–	–

[1] Originally reported as "Self-employed in own incorporated business" – see text.

Table 44. Class of Worker of Employed Negroes and Persons of Spanish Origin by Detailed Occupation and Sex: 1970—Continued

[Total employed Negroes shown in table 41; total employed persons of Spanish origin shown in table 42. Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Negro								Persons of Spanish origin							
	Wage and salary workers								Wage and salary workers							
	Private wage and salary workers		Government workers						Private wage and salary workers		Government workers					
	Total	Employee of own corporation	Total	Federal	State	Local	Self-employed workers	Unpaid family workers	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers
Male, 16 years old and over—Continued																
Managers and administrators, except farm—Continued																
Managers and administrators, n.e.c., salaried—Continued																
Retail trade—Continued																
Furniture, home furnishings, and equipment stores	490	149	63	41	–	22	–	–	730	264	17	–	17	–	–	–
Other retail trade	1 784	137	97	–	61	36	–	–	1 680	305	–	–	–	–	–	–
Finance, insurance, and real estate	2 237	99	470	93	27	350		–	2 115	209	42	–	22	20	–	–
Business and repair services	2 469	253	234	62	26	146	–	–	1 671	199	52	18	34	–	–	–
Personal services	1 911	200	82	47	20	15	–	–	1 726	221	–	–	–	–	–	–
All other industries[2]	3 438	115	2 492	460	779	1 253	–	–	2 202	161	591	106	282	203	–	–
Managers and administrators, n.e.c., self-employed	–	–	–	–	–	–	18 514	184	–	–	–	–	–	–	16 548	167
Construction	–	–	–	–	–	–	4 081	–	–	–	–	–	–	–	2 977	–
Durable goods manufacturing	–	–	–	–	–	–	750	–	–	–	–	–	–	–	790	–
Nondurable goods, including not specified manufacturing	–	–	–	–	–	–	176	–	–	–	–	–	–	–	479	–
Transportation	–	–	–	–	–	–	969	21	–	–	–	–	–	–	554	–
Communications, and utilities and sanitary services	–	–	–	–	–	–	63	–	–	–	–	–	–	–	41	–
Wholesale trade	–	–	–	–	–	–	933	–	–	–	–	–	–	–	1 152	–
Retail trade	–	–	–	–	–	–	7 521	139	–	–	–	–	–	–	7 891	167
Hardware, farm equipment, and building material retailing	–	–	–	–	–	–	128	–	–	–	–	–	–	–	350	–
General merchandise stores	–	–	–	–	–	–	190	26	–	–	–	–	–	–	258	–
Food stores	–	–	–	–	–	–	3 656	42	–	–	–	–	–	–	3 370	127
Motor vehicles and accessories retailing	–	–	–	–	–	–	148	–	–	–	–	–	–	–	387	–
Gasoline service stations	–	–	–	–	–	–	2 035	21	–	–	–	–	–	–	2 115	20
Apparel and accessories stores	–	–	–	–	–	–	219	13	–	–	–	–	–	–	290	–
Furniture, home furnishings, and equipment stores	–	–	–	–	–	–	245	–	–	–	–	–	–	–	389	–
Other retail trade	–	–	–	–	–	–	900	37	–	–	–	–	–	–	732	20
Finance, insurance, and real estate	–	–	–	–	–	–	198	–	–	–	–	–	–	–	107	–
Business and repair services	–	–	–	–	–	–	1 399	–	–	–	–	–	–	–	981	–
Personal services	–	–	–	–	–	–	1 445	–	–	–	–	–	–	–	902	–
All other industries[2]	–	–	–	–	–	–	979	24	–	–	–	–	–	–	674	–
Managers and administrators, except farm—allocated	5 615	327	1 739	710	349	680	2 794	–	3 533	152	806	354	133	319	1 062	24
Sales workers	**69 761**	**1 138**	**2 865**	**924**	**912**	**1 029**	**7 794**	**266**	**65 864**	**1 686**	**1 271**	**541**	**277**	**453**	**8 359**	**213**
Advertising agents and salesmen	634	30	–	–	–	–	17	–	517	23	–	–	–	–	–	–
Auctioneers	–	–	–	–	–	–	–	–	–	–	21	21	–	–	21	–
Demonstrators	96	–	–	–	–	–	–	–	87	–	21	21	–	–	–	–
Hucksters and peddlers	559	–	–	–	–	–	245	–	437	–	–	–	–	–	468	–
Insurance agents, brokers, and underwriters	8 933	33	318	175	53	90	498	–	6 336	92	81	40	19	22	673	–
Newsboys	1 683	–	57	–	18	39	68	–	988	–	–	–	–	–	99	–
Real estate agents and brokers	1 849	335	48	–	25	23	1 152	16	1 654	115	39	–	–	39	887	–
Stock and bond salesmen	921	16	28	28	–	–	41	–	874	17	–	–	–	–	36	–
Salesmen and sales clerks, n.e.c.	46 348	640	1 928	524	725	679	4 800	207	51 722	1 418	801	294	199	308	5 686	213
Sales representatives, manufacturing industries	4 185	39	45	–	21	24	116	–	5 642	174	110	–	67	43	269	–
Sales representatives, wholesale trade	6 484	84	94	16	78	–	563	–	9 007	246	44	16	28	–	1 157	–
Sales clerks, retail trade	26 569	381	929	120	563	246	3 210	183	25 489	505	284	118	82	84	3 088	213
General merchandise stores	7 141	16	188	87	39	62	213	64	5 806	78	112	51	24	37	132	–
Food stores	3 512	157	86	16	–	72	1 602	54	4 530	143	67	67	–	–	1 500	129

[1]Originally reported as "Self-employed in own incorporated business"—see text. [2]Includes transportation, communications, and other public utilities—allocated.

Table 44. Class of Worker of Employed Negroes and Persons of Spanish Origin by Detailed Occupation and Sex: 1970—Continued

[Total employed Negroes shown in table 41; total employed persons of Spanish origin shown in table 42. Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Negro								Persons of Spanish origin							
	Wage and salary workers								Wage and salary workers							
	Private wage and salary workers		Government workers						Private wage and salary workers		Government workers					
	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers
Male, 16 years old and over—Continued																
Sales workers—Continued																
Salesmen and sales clerks, n.e.c.—Continued																
Sales clerks, retail trade—Continued																
Apparel and accessories stores	6 021	57	69	–	51	18	174	25	5 407	40	–	–	–	–	307	–
Other sales clerks, retail trade	9 895	151	584	17	473	94	1 221	40	9 746	244	105	–	58	47	1 149	84
Salesmen, retail trade	7 119	124	51	–	–	51	716	24	9 147	395	40	15	–	25	929	–
Motor vehicles and accessories dealers	3 206	19	15	–	–	15	212	–	4 683	182	40	15	–	25	474	–
Salesmen of services and construction	1 991	12	809	388	63	358	195	–	2 437	98	323	145	22	156	243	–
Sales workers—allocated	8 738	84	486	197	91	198	973	43	3 249	21	308	165	59	84	489	–
Clerical and kindred workers	**193 776**	**624**	**134 579**	**106 178**	**9 570**	**18 831**	**1 943**	**194**	**106 463**	**512**	**33 265**	**24 259**	**3 092**	**5 914**	**1 629**	**117**
Bank tellers	2 484	–	221	83	85	53	23	–	1 318	–	173	105	26	42	–	–
Billing clerks	923	–	110	43	–	67	–	–	603	–	38	38	–	–	–	–
Bookkeepers	7 956	39	2 893	1 366	521	1 006	316	–	9 631	61	1 127	582	163	382	488	46
Cashiers	7 187	–	1 187	136	483	568	361	63	6 386	61	460	100	115	245	167	22
Clerical assistants, social welfare	–	–	20	–	–	20	–	–	–	–	20	–	–	20	–	–
Clerical supervisors, n.e.c	676	–	3 277	2 790	212	275	–	–	556	–	710	566	67	77	–	–
Collectors, bill and account	1 312	–	171	16	22	133	–	–	866	20	21	–	–	21	81	–
Counter clerks, except food	3 895	21	322	140	118	64	38	–	2 550	22	62	62	–	–	–	–
Dispatchers and starters, vehicle	978	–	1 004	519	97	388	20	19	948	–	103	38	20	45	–	–
Enumerators and interviewers	233	–	1 068	938	39	91	–	–	106	–	467	467	–	–	–	–
Estimators and investigators, n.e.c	1 980	28	1 541	1 100	235	206	62	–	2 565	22	630	379	138	113	161	–
Expediters and production controllers	3 845	–	1 490	1 218	77	195	20	–	3 164	–	887	800	43	44	–	–
File clerks	4 375	26	5 124	3 326	470	1 328	52	–	2 907	15	780	341	105	334	20	–
Insurance adjusters, examiners, and investigators	1 094	–	134	60	50	24	60	–	862	19	21	–	21	–	38	–
Library attendants and assistants	895	–	1 560	472	400	688	30	–	318	–	580	83	270	227	–	12
Mail carriers, post office	–	–	26 527	26 527	–	–	–	–	–	–	6 711	6 711	–	–	–	–
Mail handlers, except post office	7 757	–	3 485	2 634	474	377	37	26	2 965	–	614	389	150	75	–	–
Messengers, including telegraph, and office boys	5 128	–	1 601	718	322	561	–	–	2 275	–	359	153	68	138	–	–
Meter readers, utilities	1 642	–	751	55	35	661	–	–	646	–	718	–	–	718	–	–
Office machine operators	9 309	48	3 523	2 292	636	595	–	–	6 460	–	1 295	646	374	275	16	–
Bookkeeping and billing machine	391	–	168	130	20	18	–	–	254	–	81	63	–	18	–	–
Calculating machine	429	18	–	–	–	–	–	–	252	–	21	–	21	–	–	–
Computer and peripheral equipment	4 097	–	1 611	931	302	378	–	–	3 373	–	671	283	208	180	–	–
Duplicating machine	629	–	482	277	171	34	–	–	410	–	105	46	–	59	16	–
Keypunch	2 556	–	656	533	66	57	–	–	1 116	–	281	140	123	18	–	–
Tabulating machine	276	–	153	91	21	41	–	–	346	–	17	17	–	–	–	–
Office machine, n.e.c	931	30	453	330	56	67	–	–	709	–	119	97	22	–	–	–
Payroll and timekeeping clerks	1 267	–	1 058	674	20	364	–	–	921	–	228	94	44	90	–	–
Postal clerks	–	–	37 480	37 480	–	–	–	–	–	–	7 390	7 390	–	–	–	–
Proofreaders	401	–	70	70	–	–	–	–	144	–	–	–	–	–	–	–
Real estate appraisers	20	–	171	86	16	69	33	–	61	–	142	42	22	78	23	–
Receptionists	896	–	873	453	175	245	26	–	502	21	218	141	43	34	–	–
Secretaries	2 222	21	1 048	450	140	458	58	45	1 342	109	222	122	18	82	20	–
Secretaries, legal	–	–	25	–	–	25	–	–	95	–	–	–	–	–	–	–
Secretaries, medical	72	–	–	–	–	–	18	–	–	–	–	–	–	–	–	–
Shipping and receiving clerks	44 989	143	2 771	1 705	481	585	181	–	21 811	41	857	594	119	144	20	–
Statistical clerks	2 858	–	2 124	1 469	271	384	56	–	2 253	–	589	289	–	300	63	–
Stenographers	70	–	44	–	–	44	20	–	104	–	47	–	–	47	21	–
Stock clerks and storekeepers	30 494	140	7 983	5 269	840	1 874	136	26	12 886	42	2 175	1 483	201	491	114	21
Teacher aides, except school monitors	460	–	1 909	196	293	1 420	–	–	75	–	733	85	209	439	–	–
Telegraph operators	157	–	85	–	20	65	–	–	135	–	21	21	–	–	–	–
Telephone operators	1 513	–	339	125	70	144	–	–	446	–	143	22	18	103	–	–
Ticket, station, and express agents	2 973	–	779	101	127	551	14	–	2 361	20	114	20	20	74	–	–

[1]Originally reported as "Self-employed in own incorporated business"—see text.

Table 44. Class of Worker of Employed Negroes and Persons of Spanish Origin by Detailed Occupation and Sex: 1970—Continued

[Total employed Negroes shown in table 41; total employed persons of Spanish origin shown in table 42. Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Negro								Persons of Spanish origin							
	Wage and salary workers								Wage and salary workers							
	Private wage and salary workers		Government workers						Private wage and salary workers		Government workers					
	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers
Male, 16 years old and over—Continued																
Clerical and kindred workers—Continued																
Typists	3 690	–	2 821	1 524	328	969	27	–	2 428	–	873	505	66	302	50	–
Weighers	2 958	–	161	97	64	–	–	–	981	–	40	19	21	–	–	–
Miscellaneous and not specified clerical workers	14 662	–	7 804	3 984	1 304	2 516	96	15	9 792	20	2 512	1 198	675	639	104	16
Occupation:																
Miscellaneous clerical workers	6 519	–	3 008	1 374	617	1 017	34	–	3 841	–	981	486	271	224	56	16
Not specified clerical workers	8 143	–	4 796	2 610	687	1 499	62	15	5 951	20	1 531	712	404	415	48	–
Industry:																
Manufacturing	3 044	–	174	154	–	20	–	–	2 435	–	53	30	–	23	–	–
Transportation, communications, and other public utilities	1 860	–	623	111	114	398	–	–	1 357	–	157	22	22	113	24	–
Wholesale and retail trade	3 268	–	51	13	16	22	41	–	2 234	20	21	21	–	–	–	16
Finance, insurance, and real estate	3 129	–	298	66	22	210	–	–	2 039	–	108	43	43	22	24	–
Professional and related services	1 668	–	2 106	280	754	1 072	–	15	683	–	412	43	217	152	–	–
Public administration	–	–	4 427	3 294	381	752	–	–	–	–	1 683	982	372	329	–	–
All other industries	1 693	–	125	66	17	42	55	–	1 044	–	78	57	21	–	56	–
Clerical and kindred workers—allocated	22 477	158	11 050	8 062	1 145	1 843	277	–	5 095	39	1 185	774	76	335	243	–
Craftsmen and kindred workers	**506 115**	**3 087**	**75 527**	**36 221**	**9 544**	**29 762**	**44 625**	**442**	**325 737**	**2 459**	**33 593**	**16 755**	**3 970**	**12 868**	**22 641**	**373**
Automobile accessories installers	718	–	–	–	–	–	–	–	407	–	–	–	–	–	20	–
Bakers	8 275	–	623	236	104	283	199	–	5 906	95	58	58	–	–	514	38
Cabinetmakers	3 093	39	214	93	–	121	246	–	3 573	32	116	21	16	79	355	–
Carpet installers	2 254	42	79	21	17	41	442	–	2 335	39	–	–	–	–	464	–
Construction craftsmen	149 570	1 387	22 466	9 134	3 199	10 133	23 654	116	89 585	739	10 489	4 084	1 562	4 843	10 086	133
Brickmasons and stonemasons	21 685	216	1 134	375	252	507	3 177	–	5 433	43	174	74	27	73	799	17
Brickmasons and stonemasons, apprentices	426	–	21	–	–	21	–	–	117	–	–	–	–	–	–	–
Bulldozer operators	7 949	24	1 760	507	314	939	172	–	3 069	21	809	108	157	544	111	–
Carpenters	35 142	348	3 274	1 603	569	1 102	7 459	51	26 140	178	1 788	884	229	675	3 230	76
Carpenter apprentices	595	–	49	–	49	–	–	–	323	–	37	37	–	–	–	–
Cement and concrete finishers	18 438	157	1 333	298	146	889	1 305	–	5 936	18	459	152	90	217	422	–
Electricians	10 641	183	2 856	1 351	326	1 179	688	–	10 711	81	2 083	1 084	140	859	628	–
Electrician apprentices	564	–	83	62	–	21	–	–	688	–	115	115	–	–	–	–
Excavating, grading, and road machine operators; except bulldozer	9 930	15	2 979	477	570	1 932	527	20	6 301	105	1 933	231	527	1 175	229	20
Floor layers, except tile setters	1 054	–	52	52	–	–	175	–	777	–	24	–	–	24	116	–
Painters, construction and maintenance	18 057	170	4 444	2 659	469	1 316	6 418	45	13 903	132	1 955	932	278	745	2 650	–
Painter apprentices	55	–	–	–	–	–	–	–	71	–	–	–	–	–	–	–
Paperhangers	111	–	–	–	–	–	220	–	135	–	–	–	–	–	59	–
Plasterers	4 126	60	460	190	111	159	938	–	1 706	59	–	–	–	–	215	–
Plasterer apprentices	73	–	–	–	–	–	–	–	23	–	–	–	–	–	–	–
Plumbers and pipe fitters	12 501	126	3 594	1 407	342	1 845	1 924	–	9 401	67	1 084	557	114	413	982	20
Plumber and pipe fitter apprentices	311	–	66	22	23	21	–	–	439	–	65	45	20	–	–	–
Roofers and slaters	6 187	43	195	115	–	80	299	–	2 590	–	76	19	–	57	365	–
Structural metal craftsmen	1 444	–	222	20	59	143	50	–	1 922	17	61	–	–	61	20	–
Tile setters	2 305	45	163	80	41	42	302	–	1 561	18	43	43	–	–	260	–
Cranemen, derrickmen, and hoistmen	18 438	44	1 132	551	207	374	85	–	5 477	–	210	148	42	20	17	–
Decorators and window dressers	1 457	29	14	–	–	14	174	–	1 055	24	38	38	–	–	53	–
Dental laboratory technicians	796	–	19	–	19	–	116	–	1 503	–	79	41	38	–	149	–
Electric power linemen and cablemen	3 220	23	635	–	91	544	–	–	1 885	–	312	63	24	225	–	–
Engravers, except photoengravers	188	16	66	66	–	–	–	–	259	–	–	–	–	–	19	–
Foremen, n.e.c	43 516	148	6 791	2 900	877	3 014	479	–	37 822	240	3 114	1 253	460	1 401	460	22
Construction	4 648	–	464	50	36	378	141	–	3 844	23	533	45	180	308	113	–
Manufacturing	24 479	62	910	704	39	167	94	–	22 168	120	239	116	43	80	217	–

[1] Originally reported as "Self-employed in own incorporated business"—see text.

Table 44. Class of Worker of Employed Negroes and Persons of Spanish Origin by Detailed Occupation and Sex: 1970—Continued

[Total employed Negroes shown in table 41; total employed persons of Spanish origin shown in table 42. Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Negro								Persons of Spanish origin							
	Wage and salary workers								Wage and salary workers							
	Private wage and salary workers		Government workers				Self-employed workers	Unpaid family workers	Private wage and salary workers		Government workers				Self-employed workers	Unpaid family workers
	Total	Employee of own corporation[1]	Total	Federal	State	Local			Total	Employee of own corporation[1]	Total	Federal	State	Local		
Male, 16 years old and over—Continued																
Craftsmen and kindred workers—Con.																
Foremen, n.e.c.—Continued																
Manufacturing—Continued																
Metal industries	4 531	19	154	74	18	62	–	–	3 861	–	58	18	–	40	–	–
Machinery, except electrical	997	–	–	–	–	–	–	–	1 574	–	20	–	–	20	37	–
Electrical machinery, equipment and supplies	1 763	–	49	49	–	–	–	–	1 882	31	22	22	–	–	–	–
Transportation equipment	3 336	19	248	184	–	64	–	–	1 890	–	20	–	20	–	–	–
Other durable goods	3 987	–	189	168	21	–	62	–	3 955	–	80	57	23	–	37	–
Food and kindred products	2 697	–	–	–	–	–	–	–	2 518	–	19	19	–	–	23	–
Textiles, textile products, and apparel	2 043	24	56	36	–	20	32	–	1 771	45	20	–	–	20	56	–
Other nondurable goods, including not specified manufacturing	5 125	–	214	193	–	21	–	–	4 717	44	–	–	–	–	64	–
Transportation	2 435	–	427	111	67	249	–	–	2 195	–	76	39	–	37	–	–
Communications, and utilities and sanitary services	922	–	1 092	16	77	999	–	–	619	–	547	25	23	499	–	–
Wholesale and retail trade	7 188	–	103	61	23	19	76	–	5 482	57	62	40	–	22	59	22
All other industries[2]	3 844	86	3 795	1 958	635	1 202	168	–	3 514	40	1 657	988	214	455	71	–
Furniture and wood finishers	1 990	–	37	–	–	37	94	–	1 552	–	19	–	–	19	66	–
Furriers	43	–	–	–	–	–	–	–	62	–	21	–	21	–	–	–
Glaziers	1 114	–	41	–	–	41	26	–	1 160	19	16	–	–	16	19	–
Inspectors, scalers, and graders; log and lumber	1 930	–	38	–	18	20	43	–	165	–	–	–	–	–	21	–
Inspectors, n.e.c.	3 363	–	1 433	132	314	987	17	–	2 252	–	717	91	248	378	19	–
Construction	79	–	233	19	113	101	–	–	72	–	181	–	140	41	19	–
Railroads and railway express service	672	–	74	–	21	53	–	–	994	–	88	45	–	43	–	–
Jewelers and watchmakers	394	–	–	–	–	–	42	–	1 883	79	18	–	–	18	550	–
Locomotive engineers	691	–	209	18	54	137	–	–	419	–	21	21	–	–	–	–
Locomotive firemen	517	–	39	21	18	–	–	–	157	–	–	–	–	–	–	–
Mechanics and repairmen	112 822	775	19 569	10 335	1 983	7 251	8 255	159	80 714	747	12 009	7 654	885	3 470	6 521	61
Air conditioning, heating, and refrigeration	2 611	13	723	456	83	184	225	–	3 671	81	508	298	42	168	618	23
Aircraft	4 152	–	2 337	2 303	34	–	–	–	5 262	–	2 652	2 576	38	38	23	–
Automobile body repairmen	5 557	114	275	173	61	41	627	25	5 793	58	135	66	37	32	566	–
Automobile mechanics	55 237	491	6 273	2 635	547	3 091	5 146	41	29 054	466	2 238	786	346	1 106	3 352	20
Automobile mechanic apprentices	114	–	18	–	–	18	–	–	69	–	–	–	–	–	–	–
Data processing machine repairmen	1 071	–	98	80	18	–	–	–	746	–	68	68	–	–	21	–
Farm implement	1 259	–	40	40	–	–	–	–	760	–	–	–	–	–	21	–
Heavy equipment mechanics, including diesel	21 758	69	3 951	2 029	483	1 439	178	45	17 330	39	2 123	1 250	168	705	175	18
Household appliance and accessory installers and mechanics	3 991	37	1 283	177	56	1 050	191	–	3 181	–	666	36	90	540	297	–
Loom fixers	401	–	–	–	–	–	–	–	129	–	–	–	–	–	–	–
Office machine	1 230	–	39	39	–	–	23	–	1 083	–	57	57	–	–	66	–
Radio and television	4 610	16	1 110	803	129	178	1 468	–	4 295	60	1 717	1 482	63	172	881	–
Railroad and car shop	2 680	–	853	188	206	459	–	–	2 469	–	214	40	22	152	–	–
Mechanics, except auto, apprentices	207	–	21	–	21	–	–	–	186	–	19	19	–	–	–	–
Miscellaneous mechanics and repairmen, including mechanics, except auto, apprentices	5 120	17	1 994	1 104	268	622	335	19	4 371	19	1 232	818	44	370	393	–
Manufacturing	1 650	–	279	234	–	45	–	–	1 175	19	187	121	–	66	–	–
Not specified mechanics and repairmen	3 145	18	593	308	98	187	62	29	2 570	24	399	177	35	187	108	–
Manufacturing	1 397	–	22	22	–	–	–	–	1 260	–	–	–	–	–	–	–
Metal craftsmen, except mechanics	45 078	85	4 374	3 076	327	971	246	–	33 481	116	2 233	1 614	230	389	383	–
Blacksmiths	431	25	17	17	–	–	40	–	208	20	21	–	–	21	22	–
Boilermakers	1 120	19	415	235	33	147	21	–	957	–	115	70	23	22	20	–

[1]Originally reported as "Self-employed in own incorporated business"—see text. [2]Includes transportation, communications, and other public utilities—allocated.

Table 44. Class of Worker of Employed Negroes and Persons of Spanish Origin by Detailed Occupation and Sex: 1970—Continued

[Total employed Negroes shown in table 41; total employed persons of Spanish origin shown in table 42. Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Negro								Persons of Spanish origin							
	Wage and salary workers								Wage and salary workers							
	Private wage and salary workers		Government workers						Private wage and salary workers		Government workers					
	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers
Male, 16 years old and over—Continued																
Craftsmen and kindred workers—Continued																
Metal craftsmen, except mechanics—Continued																
Forgemen and hammermen	1 148	–	129	87	–	42	–	–	453	–	–	–	–	–	–	–
Heat treaters, annealers, and temperers	2 022	–	47	30	–	17	–	–	899	–	27	27	–	–	–	–
Job and die setters, metal	4 728	–	39	15	–	24	43	–	2 712	–	85	36	–	49	–	–
Machinists	14 126	–	1 683	1 088	142	453	69	–	12 587	36	898	503	207	188	63	–
Machinist apprentices	331	–	47	47	–	–	–	–	217	–	61	39	22	–	–	–
Millwrights	1 746	–	132	117	15	–	–	–	1 129	–	23	–	–	23	24	–
Molders, metal	10 257	41	223	123	11	89	25	–	3 027	–	42	21	–	21	37	–
Molder apprentices	68	–	–	–	–	–	–	–	38	–	–	–	–	–	–	–
Pattern and model makers, except paper	559	–	59	59	–	–	–	–	778	–	98	98	–	–	24	–
Rollers and finishers, metal	2 025	–	70	–	26	44	–	–	880	–	–	–	–	–	–	–
Sheetmetal workers and tinsmiths	3 547	–	1 049	905	64	80	–	–	5 489	–	882	817	–	65	96	–
Sheetmetal apprentices	156	–	41	41	–	–	–	–	272	–	19	19	–	–	–	–
Shipfitters	747	–	272	227	18	27	–	–	275	–	–	–	–	–	–	–
Tool and die makers	2 622	–	239	173	18	48	48	–	4 087	60	42	42	–	–	97	–
Tool and die maker apprentices	215	–	–	–	–	–	–	–	210	–	–	–	–	–	–	–
Millers; grain, flour, and feed	568	–	17	–	17	–	39	–	152	–	–	–	–	–	–	–
Motion picture projectionists	369	–	105	44	23	38	–	–	347	–	45	22	23	–	–	21
Opticians, and lens grinders and polishers	600	–	44	–	–	44	27	–	798	–	–	–	–	–	45	–
Piano and organ tuners and repairmen	80	–	–	–	–	–	48	–	101	–	–	–	–	–	18	–
Power station operators	355	–	78	–	58	20	–	–	117	–	54	25	–	29	–	–
Printing craftsmen	13 503	45	2 990	2 172	395	423	371	–	14 152	60	618	344	119	155	223	–
Bookbinders	1 063	–	289	269	20	–	–	–	721	17	56	37	–	19	–	–
Compositors and typesetters	5 797	24	988	690	102	196	228	–	5 248	24	262	115	79	68	167	–
Printing trades apprentices, except pressmen	267	–	116	70	25	21	–	–	382	–	38	38	–	–	–	–
Electrotypers and stereotypers	210	–	42	42	–	–	–	–	97	–	–	–	–	–	–	–
Photoengravers and lithographers	535	–	38	38	–	–	23	–	922	19	27	27	–	–	21	–
Pressmen and plate printers, printing	5 898	21	1 633	1 133	273	227	120	–	7 164	–	273	165	40	68	35	–
Pressmen apprentices	127	–	–	–	–	–	–	–	122	–	23	23	–	–	–	–
Shoe repairmen	2 049	–	45	23	–	22	1 143	–	1 299	–	38	21	–	17	491	–
Sign painters and letterers	398	–	139	56	46	37	188	–	687	52	62	–	–	62	137	–
Stationary engineers	4 580	–	3 060	1 036	412	1 612	18	–	2 813	–	1 119	206	76	837	–	19
Stone cutters and stone carvers	335	–	19	–	–	19	–	–	243	19	–	–	–	–	–	–
Tailors	3 540	39	110	47	18	45	564	–	4 641	–	121	–	20	101	387	–
Telephone installers and repairmen	8 638	–	583	160	140	283	–	–	5 457	–	227	104	–	123	37	–
Telephone linemen and splicers	1 690	–	156	40	–	116	–	–	933	–	65	25	–	40	–	–
Upholsterers	3 689	60	118	30	44	44	616	26	4 532	35	120	38	22	60	531	–
Craftsmen and kindred workers, n.e.c	4 200	–	1 349	1 176	78	95	203	–	2 711	21	100	80	–	20	86	–
Former members of the Armed Forces	–	–	24	24	–	–	–	–	–	–	28	28	–	–	–	–
Craftsmen and kindred workers—allocated	62 054	355	8 911	4 830	1 085	2 996	7 290	141	15 102	142	1 526	776	184	566	970	79
Operatives, except transport	**747 524**	**1 780**	**45 365**	**22 754**	**6 349**	**16 262**	**5 729**	**327**	**359 676**	**1 160**	**14 028**	**7 488**	**1 902**	**4 638**	**4 059**	**355**
Asbestos and insulation workers	947	–	71	71	–	–	26	–	565	–	81	62	–	19	–	–
Assemblers	59 674	48	2 992	1 820	311	861	–	–	32 833	60	1 125	693	79	353	126	–
Blasters and powdermen	631	–	77	77	–	–	–	–	470	–	–	–	–	–	–	–
Bottling and canning operatives	3 453	–	64	–	37	27	–	–	2 315	–	75	–	36	39	–	–
Chainmen, rodmen, and axmen; surveying	394	–	118	16	28	74	–	–	229	–	121	20	17	84	–	–
Checkers, examiners, and inspectors; manufacturing	24 697	–	1 213	613	229	371	78	–	11 386	17	442	285	67	90	19	–
Clothing ironers and pressers	13 686	102	322	175	31	116	361	54	5 268	29	120	61	–	59	180	–
Cutting operatives, n.e.c	14 991	–	513	143	64	306	139	24	8 875	–	147	44	46	57	–	–
Dressmakers and seamstresses, except factory	415	20	39	25	–	14	79	–	222	–	22	22	–	–	67	–
Drillers, earth	3 203	22	125	69	17	39	34	21	1 538	–	70	–	19	51	37	22
Dry wall installers and lathers	1 786	20	63	45	18	–	212	–	1 899	20	40	40	–	–	56	–

[1] Originally reported as "Self-employed in own incorporated business"—see text.

Table 44. Class of Worker of Employed Negroes and Persons of Spanish Origin by Detailed Occupation and Sex: 1970—Continued

[Total employed Negroes shown in table 41; total employed persons of Spanish origin shown in table 42. Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Negro								Persons of Spanish origin							
	Wage and salary workers								Wage and salary workers							
	Private wage and salary workers		Government workers						Private wage and salary workers		Government workers					
	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers
Male, 16 years old and over—Continued																
Operatives, except transport—Continued																
Dyers	3 659	–	35	15	–	20	18	–	815	–	–	–	–	–	–	–
Garage workers and gas station attendants	29 636	203	1 180	507	106	567	703	43	16 008	227	244	159	40	45	631	126
Graders and sorters, manufacturing	2 086	60	55	21	34	–	–	–	608	–	56	22	34	–	–	–
Produce graders and packers, except factory and farm	820	22	–	–	–	–	–	–	2 181	–	–	–	–	–	–	–
Laundry and drycleaning operatives, n.e.c	11 444	59	1 785	699	526	560	571	35	4 368	–	291	94	127	70	309	–
Meat cutters and butchers, except manufacturing	10 618	76	442	263	44	135	85	–	9 196	107	491	364	105	22	328	–
Meat cutters and butchers, manufacturing	8 915	35	153	–	–	153	–	–	5 502	16	57	–	19	38	–	–
Meat wrappers, retail trade	304	–	28	28	–	–	–	–	174	–	18	–	–	18	–	–
Metalworking operatives, except precision machine	84 702	146	4 336	2 386	566	1 384	378	20	48 316	138	2 277	1 132	287	858	702	–
Filers, polishers, sanders, and buffers	10 685	–	336	163	37	136	33	–	6 315	17	117	76	–	41	145	–
Furnacemen, smeltermen, and pourers	13 327	47	672	310	213	149	70	–	3 176	–	41	–	–	41	14	–
Heaters, metal	763	19	71	26	21	24	–	–	111	–	–	–	–	–	–	–
Metal platers	2 894	–	213	135	47	31	–	–	2 718	21	295	222	42	31	–	–
Punch and stamping press operatives	13 207	–	358	122	19	217	18	–	8 012	59	237	35	42	160	23	–
Riveters and fasteners	1 810	–	103	57	24	22	–	–	861	–	61	39	–	22	–	–
Solderers	596	–	49	29	–	20	–	–	1 135	–	45	45	–	–	–	–
Welders and flame-cutters	41 420	80	2 534	1 544	205	785	257	20	25 988	41	1 481	715	203	563	520	–
Milliners	21	–	–	–	–	–	–	–	36	–	–	–	–	–	–	–
Mine operatives, n.e.c	7 127	19	217	33	58	126	21	–	8 209	24	73	39	16	18	59	–
Coal mining	2 144	–	52	–	34	18	–	–	482	–	16	–	16	–	–	–
Crude petroleum and natural gas extractions	1 753	–	98	33	–	65	21	–	2 910	–	18	–	–	18	21	–
Mining and quarrying, except fuel	3 230	19	67	–	24	43	–	–	4 817	24	39	39	–	–	38	–
Mixing operatives	11 444	–	299	191	68	40	45	–	3 974	–	18	–	–	18	22	24
Oilers and greasers, except auto	4 250	23	434	306	–	128	–	–	1 757	–	107	40	25	42	–	–
Packers and wrappers, except meat and produce	30 057	22	2 903	2 196	230	477	153	–	19 734	27	1 005	798	–	207	–	–
Painters, manufactured articles	13 694	41	391	256	48	87	110	–	8 965	23	187	66	16	105	246	20
Photographic process workers	2 208	21	563	116	84	363	–	–	2 041	20	94	42	33	19	26	–
Precision machine operatives	23 150	–	793	456	120	217	136	–	13 739	72	391	226	42	123	118	–
Drill press operatives	4 167	–	190	81	76	33	–	–	2 524	–	125	106	19	–	–	–
Grinding machine operatives	10 318	–	296	154	–	142	45	–	4 606	36	85	21	–	64	22	–
Lathe and milling machine operatives	5 424	–	260	198	44	18	25	–	4 497	16	121	76	23	22	55	–
Precision machine operatives, n.e.c	3 241	–	47	23	–	24	66	–	2 112	20	60	23	–	37	41	–
Sailors and deckhands	1 825	–	499	398	–	101	–	–	1 851	–	227	217	10	–	–	–
Sawyers	16 065	75	115	–	24	91	288	17	3 423	–	42	–	17	25	53	–
Sewers and stitchers	7 140	22	231	66	68	97	89	15	6 957	65	46	23	–	23	145	–
Shoemaking machine operatives	651	–	19	–	19	–	42	–	1 532	–	24	–	–	24	–	–
Stationary firemen	6 868	–	3 564	977	503	2 084	16	–	1 966	–	491	62	155	274	–	–
Textile operatives	30 142	14	409	129	27	253	101	–	5 939	–	62	–	11	51	62	–
Carding, lapping, and combing operatives	2 618	–	13	–	–	13	–	–	263	–	–	–	–	–	21	–
Knitters, loopers, and toppers	787	–	21	–	–	21	25	–	1 095	–	–	–	–	–	–	–
Spinners, twisters, and winders	9 390	–	84	31	11	42	14	–	646	–	11	–	11	–	21	–
Weavers	2 143	–	40	–	16	24	–	–	385	–	–	–	–	–	20	–
Textile operatives, n.e.c	15 204	14	251	98	–	153	62	–	3 550	–	51	–	–	51	–	–
Winding operatives, n.e.c	1 959	–	–	–	–	–	–	–	1 118	–	–	–	–	–	22	–
Miscellaneous and not specified operatives	227 165	424	15 163	7 803	2 156	5 204	1 199	75	112 447	254	4 846	2 684	506	1 656	625	143
Occupation:																
Machine operatives, miscellaneous specified	88 887	161	4 296	2 389	490	1 417	385	18	41 628	79	1 422	807	74	541	284	18
Machine operatives, not specified	61 187	86	3 476	1 624	509	1 343	253	–	33 134	106	1 140	584	200	356	59	69
Miscellaneous operatives	53 529	129	5 684	2 807	927	1 950	458	57	26 661	22	1 838	1 000	212	626	245	56
Not specified operatives	23 562	48	1 707	983	230	494	103	–	11 024	47	446	293	20	133	37	–

[1]Originally reported as "Self-employed in own incorporated business"—see text.

Table 44. **Class of Worker of Employed Negroes and Persons of Spanish Origin by Detailed Occupation and Sex: 1970**—Continued

[Total employed Negroes shown in table 41; total employed persons of Spanish origin shown in table 42. Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Negro								Persons of Spanish origin							
	Wage and salary workers								Wage and salary workers							
	Private wage and salary workers		Government workers						Private wage and salary workers		Government workers					
	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers
Male, 16 years old and over—Continued																
Operatives, except transport—Continued																
Miscellaneous and not specified operatives—Continued																
Industry:																
Manufacturing	192 508	318	7 442	3 800	1 101	2 541	529	18	95 731	209	1 934	1 047	137	750	355	71
Durable goods	115 494	138	4 857	2 737	660	1 460	331	–	55 178	84	1 274	772	119	383	290	56
Lumber and wood products, except furniture	12 196	41	112	–	35	77	19	–	2 167	–	25	–	–	25	–	–
Furniture and fixtures	4 692	21	80	–	37	43	35	–	2 955	26	43	–	–	43	22	–
Stone, clay, and glass products	10 613	19	128	54	–	74	–	–	4 549	–	21	21	–	–	63	–
Glass and glass products	2 203	–	37	–	–	37	–	–	1 453	–	–	–	–	–	22	–
Cement, concrete, gypsum, and plaster products	3 672	–	74	37	–	37	–	–	1 416	–	21	21	–	–	41	–
Other stone, clay, and glass products	4 738	19	17	17	–	–	–	–	1 680	–	–	–	–	–	–	–
Primary metal industries	26 818	–	816	325	108	383	17	–	10 213	17	133	43	11	79	–	–
Blast furnaces, steel works, and rolling and finishing mills	11 572	–	375	113	22	240	17	–	3 050	–	65	43	–	22	–	–
Other primary iron and steel industries	9 206	–	335	135	75	125	–	–	2 623	–	–	–	–	–	–	–
Primary nonferrous industries	6 040	–	106	77	11	18	–	–	4 540	17	68	–	11	57	–	–
Fabricated metal industries, including not specified metal	13 196	19	194	67	9	118	56	–	9 078	–	153	133	20	–	37	19
Cutlery, hand tools, and other hardware	861	–	–	–	–	–	–	–	817	–	48	48	–	–	–	–
Fabricated structural metal products	2 963	–	59	37	–	22	–	–	2 134	–	85	85	–	–	–	–
Screw machine products, and metal stamping	2 136	–	9	–	9	–	26	–	1 242	–	–	–	–	–	15	–
Miscellaneous fabricated metal products and not specified metal	7 236	19	126	30	–	96	30	–	4 885	–	20	–	20	–	22	19
Machinery, except electrical	10 172	21	373	189	–	184	115	–	5 629	–	69	48	–	21	–	–
Farm machinery and equipment	1 159	–	49	–	–	49	20	–	265	–	25	25	–	–	–	–
Construction and material handling machines	1 570	–	43	25	–	18	19	–	741	–	–	–	–	–	–	–
Metalworking machinery	1 307	–	41	22	–	19	17	–	876	–	–	–	–	–	–	–
Office and account.-machines, and electronic computing equipment	719	–	36	36	–	–	–	–	446	–	–	–	–	–	–	–
Other machinery, except electrical	5 417	21	204	106	–	98	59	–	3 301	–	44	23	–	21	–	–
Electrical machinery, equipment, and supplies	8 974	–	572	230	111	231	–	–	6 152	–	112	19	28	65	–	–
Household appliances	1 644	–	67	24	–	43	–	–	689	–	22	–	–	22	–	–
Radio, T.V., and communication equipment	2 330	–	200	89	42	69	–	–	1 512	–	18	–	–	18	–	
Electrical machinery, equipment, and supplies, n.e.c	4 585	–	283	95	69	119	–	–	3 450	–	53	–	28	25	–	–
Not specified electrical machinery, equipment, and supplies	415	–	22	22	–	–	–	–	501	–	19	19	–	–	–	–
Transportation equipment	19 840	17	1 650	1 250	179	221	62	–	6 527	18	363	324	–	39	19	19
Motor vehicles and motor vehicle equipment	13 946	17	338	111	74	153	22	–	2 728	–	39	–	–	39	19	19
Aircraft and parts	3 225	–	410	307	35	68	–	–	2 283	18	221	221	–	–	–	–
Other transportation equipment	2 669	–	902	832	70	–	40	–	1 516	–	103	103	–	–	–	–

[1] Originally reported as "Self-employed in own incorporated business"—see text.

Table 44. Class of Worker of Employed Negroes and Persons of Spanish Origin by Detailed Occupation and Sex: 1970—Continued

[Total employed Negroes shown in table 41; total employed persons of Spanish origin shown in table 42. Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Negro								Persons of Spanish origin							
	Wage and salary workers						Self-employed workers	Unpaid family workers	Wage and salary workers						Self-employed workers	Unpaid family workers
	Private wage and salary workers		Government workers						Private wage and salary workers		Government workers					
	Total	Employee of own corporation[1]	Total	Federal	State	Local			Total	Employee of own corporation[1]	Total	Federal	State	Local		
Male, 16 years old and over—Continued																
Operatives, except transport—Continued																
Miscellaneous and not specified operatives—Con.																
Industry—Continued																
Manufacturing—Continued																
Durable goods—Continued																
Professional and photographic equipment, and watches	1 798	–	–	–	–	–	–	–	1 142	–	53	22	–	31	–	–
Professional equipment and supplies	1 178	–	–	–	–	–	–	–	853	–	53	22	–	31	–	–
Ordnance	1 667	–	687	575	96	16	–	–	874	–	178	136	23	19	–	–
Miscellaneous manufacturing industries	4 880	–	195	47	85	63	27	–	5 683	23	124	26	37	61	149	18
Durable goods—allocated	648	–	50	–	–	50	–	–	209	–	–	–	–	–	–	–
Nondurable goods	74 688	153	2 386	1 004	343	1 039	198	18	38 829	125	585	252	18	315	65	–
Food and kindred products	21 498	21	617	122	90	405	99	–	11 185	40	89	19	–	70	65	–
Meat products	5 560	21	205	66	59	80	–	–	2 023	–	41	19	–	22	–	–
Dairy products	1 399	–	54	23	31	–	22	–	740	21	–	–	–	–	–	–
Canning and preserving fruits, vegetables, and sea foods	2 711	–	–	–	–	–	–	–	2 273	–	19	–	–	19	25	–
Bakery products	2 490	–	116	15	–	101	17	–	1 041	–	29	–	–	29	–	–
Beverage industries	1 685	–	46	–	–	46	–	–	769	–	–	–	–	–	–	–
Other food and kindred products	7 653	–	196	18	–	178	60	–	4 339	19	–	–	–	–	40	–
Tobacco manufactures	2 600	–	28	–	–	28	–	–	628	–	–	–	–	–	–	–
Apparel and other fabricated textile products	2 835	–	100	18	18	64	–	–	2 746	–	–	–	–	–	–	–
Apparel and accessories	1 854	–	58	18	–	40	–	–	1 735	–	–	–	–	–	–	–
Miscellaneous fabricated textile products	981	–	42	–	18	24	–	–	1 011	–	–	–	–	–	–	–
Paper and allied products	13 703	20	297	16	66	215	–	–	6 632	21	137	38	–	99	–	–
Pulp, paper, and paperboard mills	5 719	20	145	–	66	79	–	–	1 554	–	19	–	–	19	–	–
Miscellaneous paper and pulp products	2 031	–	64	–	–	64	–	–	1 204	21	38	38	–	–	–	–
Paperboard containers and boxes	5 953	–	88	16	–	72	–	–	3 874	–	80	–	–	80	–	–
Printing, publishing, and allied industries	2 998	25	492	387	42	63	–	–	2 269	20	101	83	18	–	–	–
Printing, publishing, and allied industries, except newspapers	2 597	25	492	387	42	63	–	–	1 967	20	101	83	18	–	–	–
Chemicals and allied products	13 305	16	528	338	58	132	25	–	5 381	20	112	112	–	–	–	–
Industrial chemicals	3 288	–	203	147	18	38	–	–	1 208	–	90	90	–	–	–	–
Synthetic fibers	745	–	–	–	–	–	–	–	85	20	–	–	–	–	–	–
Soaps and cosmetics	1 104	16	–	–	–	–	–	–	499	–	–	–	–	–	–	–
Other chemicals and allied products	8 168	–	325	191	40	94	25	–	3 589	–	22	22	–	–	–	–
Petroleum and coal products	2 467	24	121	33	19	69	16	–	928	–	24	–	–	24	–	–
Rubber and miscellaneous plastic products	12 883	47	121	23	50	48	–	18	6 727	–	86	–	–	86	–	–
Rubber products	9 211	21	121	23	50	48	–	–	3 160	–	42	–	–	42	–	–
Miscellaneous plastic products	3 672	26	–	–	–	–	–	18	3 567	–	44	–	–	44	–	–
Leather and leather products	1 898	–	26	26	–	–	40	–	2 114	24	36	–	–	36	–	–
Tanned, curried, and finished leather	924	–	–	–	–	–	–	–	618	–	–	–	–	–	–	–
Footwear, except rubber	445	–	26	26	–	–	–	–	395	–	13	–	–	13	–	–
Leather products, except footwear	529	–	–	–	–	–	40	–	1 101	24	23	–	–	23	–	–
Nondurable goods—allocated	501	–	56	41	–	15	18	–	219	–	–	–	–	–	–	–
Not specified manufacturing industries	2 326	27	199	59	98	42	–	–	1 724	–	75	23	–	52	–	15

[1]Originally reported as "Self-employed in own incorporated business"—see text.

Table 44. Class of Worker of Employed Negroes and Persons of Spanish Origin by Detailed Occupation and Sex: 1970—Continued

[Total employed Negroes shown in table 41; total employed persons of Spanish origin shown in table 42. Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Negro								Persons of Spanish origin							
	Wage and salary workers								Wage and salary workers							
	Private wage and salary workers		Government workers						Private wage and salary workers		Government workers					
	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers
Male, 16 years old and over—Continued																
Operatives, except transport—Continued																
Miscellaneous and not specified operatives—Con.																
Industry—Continued																
Nonmanufacturing industries	34 657	106	7 721	4 003	1 055	2 663	670	57	16 716	45	2 912	1 637	369	906	270	72
Construction	4 083	41	323	75	154	94	66	–	1 998	–	269	60	19	190	21	16
Railroads and railway express service	1 708	–	225	125	48	52	–	–	1 059	–	70	48	22	–	–	–
Transportation, except railroads	3 221	–	251	117	78	56	22	–	1 162	22	37	–	20	17	–	–
Communications, and utilities and sanitary services	1 384	–	1 267	172	143	952	–	–	755	–	544	38	73	433	–	–
Wholesale trade	9 492	21	296	44	57	195	292	16	4 683	–	79	–	23	56	80	–
Retail trade	5 604	–	151	39	50	62	95	–	2 469	23	–	–	–	–	60	22
Business and repair services	4 873	44	389	187	36	166	109	41	2 391	–	64	19	–	45	70	34
Public administration	–	–	3 459	2 859	154	446	–	–	–	–	1 506	1 386	22	98	–	–
All other industries[2]	4 292	–	1 360	385	335	640	86	–	2 199	–	343	86	190	67	39	–
Operatives, except transport—allocated	87 697	306	6 154	2 854	933	2 367	845	23	13 220	61	738	293	195	250	226	20
Transport equipment operatives	**326 144**	**1 763**	**63 027**	**16 407**	**7 651**	**38 969**	**13 974**	**64**	**108 177**	**784**	**13 188**	**3 103**	**1 885**	**8 200**	**4 791**	**63**
Boatmen and canalmen	115	–	89	–	30	59	–	–	214	–	39	–	–	39	–	–
Bus drivers	13 205	27	15 962	908	2 123	12 931	272	–	2 967	63	3 049	266	516	2 267	143	–
Conductors and motormen, urban rail transit	1 060	–	3 324	17	279	3 028	–	–	98	–	401	–	45	356	–	–
Deliverymen and routemen	53 346	229	2 636	888	369	1 379	408	–	26 361	128	692	195	92	405	436	23
Fork lift and tow motor operatives	39 285	21	3 994	2 847	542	605	149	–	12 253	41	792	574	125	93	–	–
Motormen; mine, factory, logging camp, etc	1 193	–	99	22	–	77	–	–	443	–	42	20	–	22	–	–
Parking attendants	5 412	–	389	29	99	261	74	–	2 040	20	149	–	25	124	39	–
Railroad brakemen	2 431	–	243	83	21	139	–	–	521	–	31	31	–	–	–	–
Railroad switchmen	2 965	–	385	86	46	253	–	–	1 220	35	156	36	21	99	–	–
Taxicab drivers and chauffeurs	25 032	772	3 008	1 575	198	1 235	3 408	–	7 518	44	481	217	53	211	695	–
Truck drivers	148 050	443	27 066	7 817	3 298	15 951	7 707	38	49 435	316	6 768	1 550	941	4 277	3 050	19
Trucking service	36 169	253	812	211	87	514	5 583	21	14 943	169	236	73	15	148	2 209	–
Transport equipment operatives—allocated	34 050	271	5 832	2 135	646	3 051	1 956	26	5 107	137	588	214	67	307	428	21
Laborers, except farm	**515 546**	**1 151**	**106 393**	**36 139**	**11 764**	**58 490**	**17 420**	**481**	**163 587**	**249**	**24 981**	**6 390**	**3 499**	**15 092**	**5 649**	**293**
Animal caretakers, except farm	2 370	16	731	369	35	327	–	–	914	–	377	47	80	250	92	–
Carpenters' helpers	8 838	–	388	248	31	109	–	–	3 409	–	159	59	44	56	–	–
Construction laborers, except carpenters' helpers	107 295	–	15 412	1 678	3 858	9 876	71	–	36 415	–	4 809	361	1 432	3 016	78	39
Fishermen and oystermen	1 084	–	65	41	–	24	612	–	542	–	63	38	25	–	377	–
Freight and material handlers	82 330	120	17 436	14 633	711	2 092	959	35	22 488	44	2 086	1 616	125	345	158	39
Garbage collectors	5 981	78	19 985	209	643	19 133	754	19	1 292	–	3 504	16	143	3 345	63	15
Gardeners and groundskeepers, except farm	33 187	240	9 888	1 735	1 795	6 358	7 570	82	14 723	80	5 638	704	899	4 035	3 552	41
Longshoremen and stevedores	14 382	–	2 329	1 039	590	700	–	–	3 411	–	327	182	61	84	–	–
Lumbermen, raftsmen, and woodchoppers	16 850	52	62	–	39	23	2 491	75	756	–	–	–	–	–	124	–
Stock handlers	34 959	107	2 392	1 332	383	677	310	70	21 570	–	731	477	35	219	159	44
Teamsters	1 376	–	21	21	–	–	25	–	107	–	26	–	–	26	–	–
Vehicle washers and equipment cleaners	23 285	109	2 341	1 066	317	958	574	–	7 152	–	524	193	18	313	73	22
Warehousemen, n.e.c	9 805	–	4 060	3 559	33	468	15	–	6 126	–	1 533	1 368	19	146	21	–
Miscellaneous and not specified laborers	100 435	147	18 587	4 102	1 881	12 604	1 342	115	35 678	49	3 945	842	434	2 669	469	69
Occupation:																
Miscellaneous laborers	33 922	23	8 995	967	629	7 399	639	74	11 209	27	1 443	406	89	948	237	22
Not specified laborers	66 513	124	9 592	3 135	1 252	5 205	703	41	24 469	22	2 502	436	345	1 721	232	47
Industry:																
Manufacturing	60 106	130	2 088	986	372	730	268	25	19 008	27	301	153	–	148	60	–
Durable goods	41 930	119	1 738	772	372	594	194	–	12 348	27	231	130	–	101	40	–
Lumber and wood products, except furniture	5 494	–	25	–	25	–	45	–	847	–	–	–	–	–	–	–

[1] Originally reported as "Self-employed in own incorporated business"—see text. [2] Includes transportation, communications, and other public utilities—allocated.

Table 44. Class of Worker of Employed Negroes and Persons of Spanish Origin by Detailed Occupation and Sex: 1970—Continued

[Total employed Negroes shown in table 41; total employed persons of Spanish origin shown in table 42. Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Negro								Persons of Spanish origin							
	Wage and salary workers								Wage and salary workers							
	Private wage and salary workers		Government workers						Private wage and salary workers		Government workers					
	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers
Male, 16 years old and over—Continued																
Laborers, except farm—Continued																
Miscellaneous and not specified laborers—Con.																
Industry—Continued																
Manufacturing—Continued																
Durable goods—Continued																
Furniture and fixtures	1 004	22	–	–	–	–	–	–	480	–	–	–	–	–	–	–
Stone, clay, and glass products	3 452	–	91	28	44	19	17	–	1 138	27	44	28	–	16	16	–
Cement, concrete, gypsum, and plaster products	1 629	–	37	–	18	19	–	–	678	27	16	–	–	16	–	–
Structural clay products	937	–	28	28	–	–	–	–	125	–	28	28	–	–	–	–
Other stone, clay, and glass products	886	–	26	–	26	–	17	–	335	–	–	–	–	–	16	–
Primary metal industries	18 156	57	461	109	84	268	39	–	5 327	–	37	17	–	20	–	–
Blast furnaces, steel works, and rolling and finishing mills	10 598	23	289	48	58	183	39	–	2 992	–	37	17	–	20	–	–
Other primary iron and steel industries	5 976	34	115	30	–	85	–	–	1 481	–	–	–	–	–	–	–
Primary nonferrous industries	1 582	–	57	31	26	–	–	–	854	–	–	–	–	–	–	–
Fabricated metal industries, including not specified metal	3 384	–	85	53	17	15	23	–	1 404	–	41	–	–	41	–	–
Fabricated structural metal products	1 410	–	19	19	–	–	23	–	554	–	–	–	–	–	–	–
Machinery, except electrical	2 247	20	144	17	43	84	–	–	715	–	21	21	–	–	–	–
Electrical machinery, equipment, and supplies	1 285	–	50	–	–	50	–	–	610	–	24	–	–	24	24	–
Transportation equipment	5 203	–	668	418	141	109	–	–	1 151	–	–	–	–	–	–	–
Motor vehicles and motor vehicle equipment	3 156	–	87	20	25	42	–	–	475	–	–	–	–	–	–	–
Ship and boat building and repairing	1 263	–	503	377	80	46	–	–	280	–	–	–	–	–	–	–
Other transportation equipment	784	–	78	21	36	21	–	–	396	–	–	–	–	–	–	–
Professional and photographic equipment, and watches	87	–	–	–	–	–	–	–	54	–	–	–	–	–	–	–
Ordnance	418	–	125	125	–	–	–	–	58	–	64	64	–	–	–	–
Miscellaneous manufacturing industries	530	–	67	–	18	49	–	–	488	–	–	–	–	–	–	–
Manufacturing, durable goods—allocated	670	20	22	22	–	–	70	–	76	–	–	–	–	–	–	–
Nondurable goods	17 726	11	350	214	–	136	74	25	6 365	–	70	23	–	47	–	–
Food and kindred products	5 964	–	42	–	–	42	17	25	3 268	–	23	–	–	23	–	–
Meat products	1 420	–	21	–	–	21	17	–	810	–	–	–	–	–	–	–
Dairy products	437	–	21	–	–	21	–	–	122	–	23	–	–	23	–	–
Canning and preserving fruits, vegetables, and sea foods	807	–	–	–	–	–	–	–	984	–	–	–	–	–	–	–
Grain-mill products	859	–	–	–	–	–	–	–	219	–	–	–	–	–	–	–
Beverage industries	585	–	–	–	–	–	–	–	488	–	–	–	–	–	–	–
Other food and kindred products	1 856	–	–	–	–	–	–	25	645	–	–	–	–	–	–	–
Tobacco manufactures	599	–	–	–	–	–	–	–	20	–	–	–	–	–	–	–
Textile mill products	3 073	–	20	–	–	20	–	–	286	–	24	–	–	24	–	–
Yarn, thread, and fabric mills	2 507	–	20	–	–	20	–	–	150	–	–	–	–	–	–	–
Other textile mill products	566	–	–	–	–	–	–	–	136	–	24	–	–	24	–	–
Apparel and other fabricated textile products	266	–	–	–	–	–	–	–	187	–	–	–	–	–	–	–
Paper and allied products	2 285	11	21	–	–	21	–	–	541	–	–	–	–	–	–	–
Pulp, paper and paperboard mills	1 582	11	–	–	–	–	–	–	155	–	–	–	–	–	–	–
Other paper and allied products	703	–	21	–	–	21	–	–	386	–	–	–	–	–	–	–

[1] Originally reported as "Self-employed in own incorporated business"—see text.

Table 44. **Class of Worker of Employed Negroes and Persons of Spanish Origin by Detailed Occupation and Sex: 1970**—Continued

[Total employed Negroes shown in table 41, total employed persons of Spanish origin shown in table 42. Data based on 5 percent sample, see text. For meaning of symbols, see text]

United States

	Negro								Persons of Spanish origin							
	Wage and salary workers								Wage and salary workers							
	Private wage and salary workers		Government workers						Private wage and salary workers		Government workers					
	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers
Male, 16 years old and over – Continued																
Laborers, except farm – Continued																
Miscellaneous and not specified laborers – Con.																
Industry – Continued																
Manufacturing – Continued																
Nondurable goods – Continued																
Printing, publishing, and allied industries	401	–	144	144	–	–	–	–	210	–	–	–	–	–	–	–
Chemicals and allied products	2 709	–	69	50	–	19	–	–	681	–	23	23	–	–	–	–
Petroleum and coal products	508	–	–	–	–	–	–	–	237	–	–	–	–	–	–	–
Rubber and miscellaneous plastic products	1 217	–	20	20	–	–	38	–	417	–	–	–	–	–	–	–
Leather and leather products	383	–	–	–	–	–	–	–	326	–	–	–	–	–	–	–
Nondurable goods – allocated	321	–	34	–	–	34	19	–	192	–	–	–	–	–	20	–
Not specified manufacturing industries	450	–	–	–	–	–	–	–	295	–	–	–	–	–	–	–
Nonmanufacturing industries	40 329	17	16 499	3 116	1 509	11 874	1 074	90	16 670	22	3 644	689	434	2 521	409	69
Railroads and railway express service	9 717	–	684	242	128	314	–	–	4 628	–	217	108	45	64	–	–
Transportation, except railroads	2 468	–	838	57	115	666	–	–	948	–	146	–	20	126	–	–
Communications, and utilities and sanitary services	3 088	–	8 068	196	397	7 475	14	–	867	–	1 456	91	91	1 274	25	–
Transportation, communications, and other public utilities – allocated	158	–	27	–	–	27	18	–	84	–	–	–	–	–	–	–
Wholesale trade	6 668	–	75	11	–	64	431	24	2 953	–	96	27	–	69	122	22
Retail trade	5 737	17	96	15	37	44	101	25	2 245	22	11	–	–	11	–	–
Business and repair services	2 131	–	86	86	–	–	219	24	1 010	–	21	–	21	–	180	–
Personal services	4 732	–	35	14	–	21	80	17	1 183	–	21	–	–	21	–	18
Private households	3 313	–	–	–	–	–	–	17	761	–	–	–	–	–	–	18
Public administration	–	–	4 747	2 016	189	2 542	–	–	–	–	1 038	395	75	568	–	–
All other industries	5 630	–	1 843	479	643	721	211	–	2 752	–	638	68	182	388	82	29
Laborers, except farm – allocated	73 369	282	12 696	6 107	1 448	5 141	2 697	85	9 004	76	1 259	487	184	588	483	24
Farmers and farm managers	**2 193**	**427**	**99**	**19**	**63**	**17**	**34 636**	–	**1 173**	**610**	**54**	**28**	–	**26**	**13 464**	**22**
Farmers, owners and tenants	–	–	–	–	–	–	28 941	–	–	–	–	–	–	–	12 523	–
Farm managers	1 443	411	–	–	–	–	–	–	1 013	610	26	–	–	26	–	–
Farmers and farm managers – allocated	750	16	99	19	63	17	5 695	–	160	–	28	28	–	–	941	22
Farm laborers and farm foremen	**136 833**	**19**	**2 309**	**819**	**858**	**632**	**1 952**	**3 172**	**94 680**	**22**	**942**	**341**	**196**	**405**	**1 376**	**793**
Farm foremen	2 020	–	137	38	79	20	–	–	3 420	–	107	42	42	23	–	–
Farm laborers, wage workers	119 478	–	1 924	682	662	580	1 703	–	88 554	–	792	278	154	360	1 156	–
Farm laborers, unpaid family workers	–	–	–	–	–	–	52	2 546	–	–	–	–	–	–	–	720
Farm service laborers, self-employed	–	–	–	–	–	–	158	–	–	–	–	–	–	–	160	–
Farm laborers and farm foremen – allocated	15 335	19	248	99	117	32	39	626	2 706	22	43	21	–	22	60	73
Service workers, except private household	**423 307**	**1 353**	**190 444**	**45 125**	**42 949**	**102 370**	**19 350**	**437**	**162 293**	**1 149**	**49 823**	**8 196**	**9 949**	**31 678**	**8 578**	**304**
Cleaning service workers	206 456	365	90 215	19 525	20 715	49 975	4 226	96	57 031	168	23 354	3 378	5 418	14 558	1 021	43
Chambermaids and maids, except private household	2 577	–	718	121	155	442	–	–	874	–	127	23	68	36	–	–
Cleaners and charwomen	50 740	67	11 001	2 898	2 546	5 557	1 442	21	13 853	104	2 455	511	385	1 559	143	–
Janitors and sextons	153 139	298	78 496	16 506	18 014	43 976	2 784	75	42 304	64	20 772	2 844	4 965	12 963	878	43
Food service workers	91 766	304	15 504	6 491	5 191	3 822	1 731	152	70 707	427	4 068	1 735	1 040	1 293	1 657	196
Bartenders	6 441	131	112	69	20	23	551	39	5 207	217	51	19	–	32	742	–
Busboys	6 609	–	556	321	121	114	22	–	9 488	–	114	25	50	39	39	–
Cooks, except private household	40 677	132	7 541	3 214	2 735	1 592	775	113	22 674	198	1 529	743	335	451	695	179
Dishwashers	12 164	–	1 785	333	783	669	33	–	10 682	–	804	289	333	182	22	–
Food counter and fountain workers	1 408	–	618	159	195	264	–	–	2 580	–	180	36	19	125	25	–

[1] Originally reported as "Self-employed in own incorporated business" – see text.

Table 44. Class of Worker of Employed Negroes and Persons of Spanish Origin by Detailed Occupation and Sex: 1970—Continued

[Total employed Negroes shown in table 41; total employed persons of Spanish origin shown in table 42. Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Negro								Persons of Spanish origin							
	Wage and salary workers						Self-employed workers	Unpaid family workers	Wage and salary workers						Self-employed workers	Unpaid family workers
	Private wage and salary workers		Government workers						Private wage and salary workers		Government workers					
	Total	Employee of own corporation[1]	Total	Federal	State	Local			Total	Employee of own corporation[1]	Total	Federal	State	Local		
Male, 16 years old and over—Continued																
Service workers, except private household—Continued																
Food service workers—Continued																
Waiters	16 014	41	1 291	872	235	184	245	–	11 551	–	393	273	40	80	90	–
Food service workers, n.e.c., except private household	8 453	–	3 601	1 523	1 102	976	105	–	8 525	12	997	350	263	384	44	17
Health service workers	17 431	20	19 416	6 438	7 626	5 352	128	25	4 298	–	3 272	670	1 352	1 250	22	–
Dental assistants	152	–	35	15	–	20	–	–	84	–	48	25	–	23	–	–
Health aides, except nursing	2 255	–	1 839	549	596	694	–	–	818	–	592	99	151	342	–	–
Health trainees	120	–	–	–	–	–	–	–	20	–	17	–	–	17	–	–
Lay midwives	46	–	26	–	–	26	–	–	–	–	–	–	–	–	–	–
Nursing aides, orderlies, and attendants	13 775	20	16 646	5 578	6 743	4 325	75	–	3 173	–	2 460	546	1 093	821	22	–
Practical nurses	1 083	–	870	296	287	287	53	25	203	–	155	–	108	47	–	–
Personal service workers	29 092	357	7 462	1 616	1 738	4 108	10 371	82	16 133	475	2 213	711	427	1 075	5 355	–
Airline stewardesses	66	–	–	–	–	–	–	–	64	–	–	–	–	–	–	–
Attendants, recreation and amusement	2 259	–	1 601	144	430	1 027	93	–	1 329	–	260	20	75	165	37	–
Attendants, personal service, n.e.c.	3 478	–	721	103	109	509	76	–	1 077	–	25	–	–	25	–	–
Baggage porters and bellhops	5 881	–	331	67	69	195	47	–	1 579	20	78	18	40	20	–	–
Barbers	5 529	278	565	178	156	231	8 443	43	4 908	239	293	190	42	61	4 361	–
Boarding and lodging house keepers	48	–	–	–	–	–	54	–	–	–	–	–	–	–	–	–
Bootblacks	1 526	–	19	19	–	–	721	19	180	–	22	22	–	–	49	–
Child care workers, except private household	442	–	708	47	326	335	98	–	44	–	105	25	22	58	18	–
Elevator operators	5 050	–	1 244	562	111	571	–	–	3 081	–	373	162	–	211	–	–
Hairdressers and cosmetologists	1 074	79	90	15	29	46	799	20	2 090	216	–	–	–	–	848	–
Personal service apprentices	69	–	–	–	–	–	–	–	39	–	–	–	–	–	–	–
Housekeepers, except private household	3 100	–	963	368	347	248	40	–	1 389	–	354	116	78	160	42	–
School monitors	136	–	342	–	96	246	–	–	–	–	171	–	21	150	–	–
Ushers, recreation and amusement	339	–	28	–	–	28	–	–	392	–	–	–	–	–	–	–
Welfare service aides	164	–	850	113	65	672	–	–	–	–	532	158	149	225	–	–
Protective service workers	19 603	57	41 465	5 595	4 376	31 494	101	–	5 711	–	15 576	1 424	1 401	12 751	135	43
Crossing guards and bridge tenders	250	–	884	53	67	764	–	–	137	–	236	36	–	200	20	43
Firemen, fire protection	226	–	4 287	238	18	4 031	–	–	103	–	3 831	270	20	3 541	–	–
Guards and watchmen	17 832	57	13 024	3 940	3 299	5 785	42	–	5 102	–	2 763	777	922	1 064	43	–
Marshals and constables	–	–	285	120	–	165	–	–	–	–	209	25	–	184	–	–
Policemen and detectives	1 295	–	21 362	1 192	975	19 195	59	–	369	–	7 753	316	459	6 978	72	–
Public	–	–	21 362	1 192	975	19 195	–	–	–	–	7 753	316	459	6 978	–	–
Private	1 295	–	–	–	–	–	59	–	369	–	–	–	–	–	72	–
Sheriffs and bailiffs	–	–	1 623	52	17	1 554	–	–	–	–	784	–	–	784	–	–
Service workers, except private household—allocated	58 959	250	16 382	5 460	3 303	7 619	2 793	82	8 413	79	1 340	278	311	751	388	22
Private household workers	**17 233**	–	–	–	–	–	**256**	–	**1 593**	–	–	–	–	–	**41**	–
Occupation:																
Child care workers, private household	702	–	–	–	–	–	–	–	203	–	–	–	–	–	–	–
Cooks, private household	884	–	–	–	–	–	22	–	121	–	–	–	–	–	–	–
Housekeepers, private household	1 428	–	–	–	–	–	–	–	140	–	–	–	–	–	–	–
Laundresses, private household	63	–	–	–	–	–	45	–	–	–	–	–	–	–	–	–
Maids and servants, private household	12 157	–	–	–	–	–	120	–	1 088	–	–	–	–	–	41	–
Private household workers—allocated	1 999	–	–	–	–	–	69	–	41	–	–	–	–	–	–	–
Living arrangement:																
Living in	645	–	–	–	–	–	22	–	280	–	–	–	–	–	–	–
Housekeepers, private household	189	–	–	–	–	–	–	–	56	–	–	–	–	–	–	–
Maids and servants, private household	363	–	–	–	–	–	–	–	149	–	–	–	–	–	41	–
Living out	16 588	–	–	–	–	–	234	–	1 313	–	–	–	–	–		

[1] Originally reported as "Self-employed in own incorporated business"—see text.

Table 44. Class of Worker of Employed Negroes and Persons of Spanish Origin by Detailed Occupation and Sex: 1970—Continued

[Total employed Negroes shown in table 41; total employed persons of Spanish origin shown in table 42. Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Negro								Persons of Spanish origin							
	Wage and salary workers						Self-employed workers	Unpaid family workers	Wage and salary workers						Self-employed workers	Unpaid family workers
	Private wage and salary workers		Government workers						Private wage and salary workers		Government workers					
	Total	Employee of own corporation[1]	Total	Federal	State	Local			Total	Employee of own corporation[1]	Total	Federal	State	Local		
Female, 16 years old and over	**2 447 890**	**6 346**	**814 093**	**227 968**	**182 195**	**403 930**	**64 045**	**7 631**	**848 336**	**3 810**	**139 925**	**35 201**	**35 491**	**69 233**	**24 651**	**6 322**
Professional, technical, and kindred workers	**119 269**	**366**	**253 628**	**30 437**	**54 277**	**168 914**	**5 541**	**150**	**42 452**	**246**	**37 456**	**4 665**	**10 182**	**22 609**	**2 249**	**171**
Accountants	3 590	–	3 614	2 686	347	581	87	–	2 374	20	772	359	284	129	126	–
Architects	195	–	–	–	–	–	–	–	55	–	21	–	–	21	27	–
Computer specialists	1 660	9	1 060	932	87	41	–	–	502	–	189	36	85	68	24	–
Computer programers	1 278	9	684	610	50	24	–	–	324	–	106	36	46	24	–	–
Computer systems analysts	293	–	332	278	37	17	–	–	131	–	83	–	39	44	24	–
Computer specialists, n.e.c	89	–	44	44	–	–	–	–	47	–	–	–	–	–	–	–
Engineers	382	–	337	262	20	55	–	–	220	–	56	19	22	15	–	–
Aeronautical and astronautical	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Chemical	22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Civil	50	–	54	17	–	37	–	–	21	–	22	–	22	–	–	–
Electrical and electronic	79	–	46	46	–	–	–	–	121	–	–	–	–	–	–	–
Industrial	105	–	194	174	20	–	–	–	78	–	19	19	–	–	–	–
Mechanical	39	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Metallurgical and materials	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mining	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Petroleum	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Sales	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Engineers, n.e.c	87	–	43	25	–	18	–	–	–	–	15	–	–	15	–	–
Farm management advisors	–	–	47	22	25	–	–	–	–	–	–	–	–	–	–	–
Foresters and conservationists	117	–	22	–	–	22	–	–	–	–	–	–	–	–	–	–
Home management advisors	121	–	670	198	197	275	–	–	17	–	20	–	–	20	–	–
Lawyers and judges	124	28	249	121	40	88	21	–	21	–	45	–	45	–	30	–
Judges	–	–	18	–	–	18	–	–	–	–	–	–	–	–	–	–
Lawyers	124	28	231	121	40	70	21	–	21	–	45	–	45	–	30	–
Librarians, archivists, and curators	1 368	22	5 262	521	1 323	3 418	16	–	380	–	975	79	281	615	–	21
Librarians	1 349	22	5 229	488	1 323	3 418	–	–	380	–	975	79	281	615	–	21
Archivists and curators	19	–	33	33	–	–	16	–	–	–	–	–	–	–	–	–
Mathematical specialists	346	–	539	450	–	89	–	–	125	–	20	20	–	–	–	–
Actuaries	33	–	–	–	–	–	–	–	35	–	–	–	–	–	–	–
Mathematicians	27	–	156	137	–	19	–	–	26	–	–	–	–	–	–	–
Statisticians	286	–	383	313	–	70	–	–	64	–	20	20	–	–	–	–
Life and physical scientists	628	–	753	377	138	238	–	–	309	15	89	19	70	–	20	–
Agricultural	17	–	–	–	–	–	–	–	–	–	–	–	–	–	20	–
Atmospheric and space	19	–	36	17	–	19	–	–	–	–	–	–	–	–	–	–
Biological	299	–	327	63	118	146	–	–	89	15	40	19	21	–	–	–
Chemists	249	–	299	227	20	52	–	–	201	–	49	–	49	–	–	–
Geologists	17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Marine	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Physicists and astronomers	–	–	91	70	–	21	–	–	19	–	–	–	–	–	–	–
Life and physical, n.e.c	27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Operations and systems researchers and analysts	245	–	130	63	44	23	–	–	110	–	73	52	–	21	–	–
Personnel and labor relations workers	2 206	–	4 635	1 968	2 087	580	21	–	1 113	–	981	217	678	86	85	–
Physicians, dentists, and related practitioners	850	–	407	128	209	70	454	–	1 024	81	277	53	114	110	131	–
Chiropractors	–	–	–	–	–	–	21	–	–	–	–	–	–	–	–	–
Dentists	33	–	23	–	–	23	89	–	50	–	–	–	–	–	–	–
Optometrists	–	–	21	21	–	–	–	–	–	–	–	–	–	–	–	–
Pharmacists	478	–	119	48	47	24	101	–	279	20	57	–	43	14	21	–
Physicians, medical and osteopathic	321	–	244	59	162	23	221	–	695	61	220	53	71	96	110	–
Podiatrists	–	–	–	–	–	–	22	–	–	–	–	–	–	–	–	–
Veterinarians	18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Health practitioners, n.e.c	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

[1] Originally reported as "Self-employed in own incorporated business"—see text.

Table 44. Class of Worker of Employed Negroes and Persons of Spanish Origin by Detailed Occupation and Sex: 1970—Continued

[Total employed Negroes shown in table 41; total employed persons of Spanish origin shown in table 42. Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States	Negro								Persons of Spanish origin							
	Wage and salary workers						Self-employed workers	Unpaid family workers	Wage and salary workers						Self-employed workers	Unpaid family workers
	Private wage and salary workers		Government workers						Private wage and salary workers		Government workers					
	Total	Employee of own corporation[1]	Total	Federal	State	Local			Total	Employee of own corporation[1]	Total	Federal	State	Local		
Female, 16 years old and over—Continued																
Professional, technical, and kindred workers—Continued																
Registered nurses, dietitians, and therapists	43 791	96	25 426	4 924	7 653	12 849	2 270	–	13 012	18	3 980	1 048	986	1 946	539	87
Dietitians	3 959	–	2 719	762	686	1 271	29	–	653	–	397	125	150	122	–	–
Registered nurses	38 253	73	21 158	4 055	6 321	10 782	2 241	–	11 796	18	3 370	906	749	1 715	513	87
Therapists	1 579	23	1 549	107	646	796	–	–	563	–	213	17	87	109	26	–
Health technologists and technicians	10 132	–	4 992	974	1 451	2 567	21	–	3 767	–	1 107	130	470	507	–	–
Clinical laboratory technologists and technicians	4 670	–	2 286	471	808	1 007	21	–	2 186	–	618	20	317	281	–	–
Dental hygienists	105	–	149	26	–	123	–	–	80	–	62	–	20	42	–	–
Health record technologists and technicians	202	–	272	69	85	118	–	–	83	–	84	46	38	–	–	–
Radiologic technologists and technicians	1 346	–	732	132	76	524	–	–	604	–	113	23	–	90	–	–
Therapy assistants	135	–	105	19	65	21	–	–	78	–	–	–	–	–	–	–
Health technologists and technicians, n.e.c	3 674	–	1 448	257	417	774	–	–	736	–	230	41	95	94	–	–
Religious workers	1 124	29	84	–	26	58	80	–	579	–	–	–	–	–	13	–
Clergymen	730	13	–	–	–	–	80	–	80	–	–	–	–	–	13	–
Religious workers, n.e.c	394	16	84	–	26	58	–	–	499	–	–	–	–	–	–	–
Social scientists	386	–	907	264	199	444	12	–	181	–	157	38	23	96	23	–
Economists	188	–	273	189	14	70	–	–	126	–	38	38	–	–	23	–
Political scientists	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Psychologists	41	–	542	59	165	318	–	–	34	–	99	–	23	76	–	–
Sociologists	90	–	36	16	20	–	–	–	–	–	–	–	–	–	–	–
Urban and regional planners	44	–	56	–	–	56	–	–	21	–	20	–	–	20	–	–
Social scientists, n.e.c	23	–	–	–	–	–	12	–	–	–	–	–	–	–	–	–
Social and recreation workers	4 478	–	21 312	3 330	4 503	13 479	71	–	1 098	–	3 512	792	817	1 903	–	–
Social	3 486	–	19 434	3 278	4 371	11 785	71	–	831	–	3 124	738	817	1 569	–	–
Recreation	992	–	1 878	52	132	1 694	–	–	267	–	388	54	–	334	–	–
Teachers, college and university	2 361	–	5 174	435	3 818	921	–	–	1 082	–	1 557	43	1 096	418	–	–
Agriculture	15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Atmospheric, earth, marine, and space	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Biology	24	–	59	–	52	7	–	–	–	–	22	–	22	–	–	–
Chemistry	–	–	54	–	54	–	–	–	–	–	22	–	22	–	–	–
Physics	–	–	–	–	–	–	–	–	–	–	19	–	19	–	–	–
Engineering	–	–	76	–	19	57	–	–	–	–	36	–	19	17	–	–
Mathematics	115	–	111	–	85	26	–	–	34	–	–	–	–	–	–	–
Health specialties	173	–	759	115	422	222	–	–	55	–	166	–	119	47	–	–
Psychology	58	–	71	–	47	24	–	–	–	–	–	–	–	–	–	–
Business and commerce	210	–	283	17	266	–	–	–	–	–	44	–	19	25	–	–
Economics	–	–	15	–	15	–	–	–	–	–	–	–	–	–	–	–
History	40	–	47	–	47	–	–	–	17	–	16	–	16	–	–	–
Sociology	63	–	69	–	34	35	–	–	–	–	–	–	–	–	–	–
Social science teachers, n.e.c	148	–	53	19	34	–	–	–	–	–	–	–	–	–	–	–
Art, drama, and music	116	–	204	20	103	81	–	–	19	–	27	–	27	–	–	–
Coaches and physical education	–	–	99	–	70	29	–	–	–	–	72	–	–	72	–	–
Education	22	–	129	–	129	–	–	–	25	–	–	–	–	–	–	–
English	156	–	610	–	476	134	–	–	87	–	119	–	97	22	–	–
Foreign language	59	–	58	–	43	15	–	–	390	–	590	–	473	117	–	–
Home economics	–	–	259	26	233	–	–	–	–	–	80	–	42	38	–	–
Law	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Theology	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Trade, industrial, and technical	23	–	19	–	–	19	–	–	–	–	–	–	–	–	–	–
Miscellaneous teachers, college and university	–	–	129	21	108	–	–	–	56	–	24	–	–	24	–	–
Teachers, college and university, subject not specified	1 139	–	2 070	217	1 581	272	–	–	399	–	320	43	221	56	–	–

[1]Originally reported as "Self-employed in own incorporated business"—see text.

Table 44. Class of Worker of Employed Negroes and Persons of Spanish Origin by Detailed Occupation and Sex: 1970—Continued

[Total employed Negroes shown in table 41; total employed persons of Spanish origin shown in table 42. Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Negro								Persons of Spanish origin							
	Wage and salary workers						Self-employed workers	Unpaid family workers	Wage and salary workers						Self-employed workers	Unpaid family workers
	Private wage and salary workers		Government workers						Private wage and salary workers		Government workers					
	Total	Employee of own corporation[1]	Total	Federal	State	Local			Total	Employee of own corporation[1]	Total	Federal	State	Local		
Female, 16 years old and over—Continued																
Professional, technical, and kindred workers—Continued																
Teachers, except college and university	23 556	16	148 709	7 355	26 017	115 337	1 197	40	7 592	–	19 948	1 252	4 195	14 501	493	42
Adult education	883	–	1 220	297	278	645	22	21	410	–	327	108	79	140	24	–
Elementary school	12 312	–	103 023	2 771	17 649	82 603	–	–	3 437	–	12 551	545	2 855	9 151	–	–
Public	–	–	103 023	2 771	17 649	82 603	–	–	–	–	12 551	545	2 855	9 151	–	–
Private	12 312	–	–	–	–	–	–	–	3 437	–	–	–	–	–	–	–
Prekindergarten and kindergarten	4 927	–	8 566	3 402	886	4 278	478	19	1 171	–	1 607	456	330	821	123	–
Public	–	–	8 566	3 402	886	4 278	–	–	–	–	1 607	456	330	821	–	–
Private	4 927	–	–	–	–	–	478	19	1 171	–	–	–	–	–	123	–
Secondary school	4 145	–	34 193	629	6 556	27 008	–	–	1 976	–	5 135	76	877	4 182	–	–
Public	–	–	34 193	629	6 556	27 008	–	–	–	–	5 135	76	877	4 182	–	–
Private	4 145	–	–	–	–	–	–	–	1 976	–	–	–	–	–	–	–
Teachers, except college and university, n.e.c	1 289	16	1 707	256	648	803	697	–	598	–	328	67	54	207	346	42
Engineering and science technicians	3 158	–	1 542	877	435	230	–	–	1 870	–	368	133	175	60	–	–
Agriculture and biological, except health	378	–	125	73	–	52	–	–	116	–	23	–	–	23	–	–
Chemical	536	–	129	39	32	58	–	–	195	–	19	–	19	–	–	–
Draftsmen	464	–	177	128	20	29	–	–	626	–	119	54	43	22	–	–
Electrical and electronic engineering	399	–	253	233	–	20	–	–	218	–	38	38	–	–	–	–
Industrial engineering	94	–	39	19	–	20	–	–	94	–	–	–	–	–	–	–
Mechanical engineering	–	–	16	–	–	16	–	–	20	–	–	–	–	–	–	–
Mathematical	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Surveyors	50	–	–	–	–	–	–	–	20	–	15	–	–	15	–	–
Engineering and science, n.e.c	1 237	–	803	385	383	35	–	–	581	–	154	41	113	–	–	–
Technicians, except health, and engineering and science	478	–	807	406	157	244	–	–	174	–	152	53	40	59	–	–
Airplane pilots	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Air traffic controllers	–	–	92	92	–	–	–	–	–	–	17	17	–	–	–	–
Embalmers	64	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Flight engineers	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Radio operators	184	–	184	–	20	164	–	–	74	–	59	–	–	59	–	–
Tool programers, numerical control	25	–	–	–	–	–	–	–	–	–	17	–	17	–	–	–
Technicians, n.e.c	205	–	531	314	137	80	–	–	100	–	59	36	23	–	–	–
Vocational and educational counselors	1 035	–	4 489	549	1 122	2 818	–	–	83	–	595	–	266	329	–	–
Writers, artists, and entertainers	4 664	62	1 406	593	233	580	496	27	3 979	69	620	160	101	359	257	–
Actors	168	–	35	22	13	–	–	–	87	–	22	–	–	22	–	–
Athletes and kindred workers	84	–	120	–	–	120	–	–	236	–	22	–	–	22	–	–
Authors	45	20	62	21	21	20	26	–	41	–	–	–	–	–	–	–
Dancers	384	–	–	–	–	–	20	–	247	–	–	–	–	–	40	–
Designers	555	–	–	–	–	–	69	–	904	48	–	–	–	–	–	–
Editors and reporters	1 420	–	341	259	42	40	16	–	467	–	39	20	19	–	–	–
Musicians and composers	748	42	190	23	22	145	229	–	237	–	20	–	–	20	69	–
Painters and sculptors	312	–	80	–	33	47	23	27	570	–	19	–	–	19	66	–
Photographers	142	–	62	44	–	18	28	–	223	–	33	33	–	–	–	–
Public relations men and publicity writers	395	–	378	126	62	190	–	–	292	–	129	20	23	86	23	–
Radio and television announcers	21	–	–	–	–	–	–	–	61	–	–	–	–	–	–	–
Writers, artists, and entertainers, n.e.c	390	–	138	98	40	–	85	–	614	21	336	87	59	190	59	–
Research workers, not specified	650	–	601	266	213	122	–	–	171	–	216	28	169	19	–	–
Professional, technical, and kindred workers—allocated	11 624	104	20 454	2 736	3 933	13 785	795	83	2 614	43	1 726	134	265	1 327	481	21

[1]Originally reported as "Self-employed in own incorporated business"—see text.

Table 44. Class of Worker of Employed Negroes and Persons of Spanish Origin by Detailed Occupation and Sex: 1970—Continued

[Total employed Negroes shown in table 41; total employed persons of Spanish origin shown in table 42. Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Negro								Persons of Spanish origin							
	Wage and salary workers								Wage and salary workers							
	Private wage and salary workers		Government workers						Private wage and salary workers		Government workers					
	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers
Female, 16 years old and over—Continued																
Managers and administrators, except farm	**20 925**	**585**	**16 530**	**5 335**	**2 590**	**8 605**	**8 543**	**627**	**13 555**	**612**	**2 920**	**1 176**	**541**	**1 203**	**4 331**	**669**
Assessors, controllers, and treasurers; local public administration	–	–	89	–	–	89	–	–	–	–	99	–	–	99	–	–
Bank officers and financial managers	1 263	–	163	163	–	–	–	–	1 105	–	68	51	17	–	–	–
Buyers and shippers, farm products	40	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Buyers, wholesale and retail trade	1 140	23	63	44	–	19	88	–	822	75	–	–	–	–	189	–
Credit men	330	–	–	–	–	–	–	–	384	–	15	–	–	15	21	–
Funeral directors	134	16	–	–	–	–	261	21	17	–	–	–	–	–	34	–
Health administrators	1 075	36	645	15	214	416	310	–	432	17	63	20	21	22	103	–
Construction inspectors; public administration	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Inspectors, except construction; public administration	–	–	979	670	93	216	–	–	–	–	203	183	20	–	–	–
Federal public administration and postal service	–	–	670	670	–	–	–	–	–	–	183	183	–	–	–	–
State public administration	–	–	93	–	93	–	–	–	–	–	20	–	20	–	–	–
Local public administration	–	–	216	–	–	216	–	–	–	–	–	–	–	–	–	–
Managers and superintendents, building	999	–	183	50	–	133	193	–	556	–	22	–	–	22	95	–
Office managers, n.e.c	728	–	299	87	61	151	60	–	1 235	–	82	–	56	26	87	20
Officers, pilots, and pursers; ship	24	–	–	–	–	–	–	–	10	–	–	–	–	–	–	–
Officials and administrators; public administration, n.e.c	–	–	3 776	2 218	456	1 102	–	–	–	–	1 296	646	96	554	–	–
Federal public administration and postal service	–	–	2 218	2 218	–	–	–	–	–	–	646	646	–	–	–	–
State public administration	–	–	456	–	456	–	–	–	–	–	96	–	96	–	–	–
Local public administration	–	–	1 102	–	–	1 102	–	–	–	–	554	–	–	554	–	–
Officials of lodges, societies, and unions	414	–	–	–	–	–	–	–	184	–	–	–	–	–	–	–
Postmasters and mail superintendents	–	–	76	76	–	–	–	–	–	–	109	109	–	–	–	–
Purchasing agents and buyers, n.e.c	376	–	779	606	56	117	–	–	173	–	100	51	38	11	–	–
Railroad conductors	45	–	24	–	–	24	–	–	–	–	–	–	–	–	–	–
Restaurant, cafeteria, and bar managers	2 598	100	2 086	113	272	1 701	2 752	128	1 156	84	181	–	102	79	1 108	77
Sales managers and department heads, retail trade	1 353	–	24	–	–	24	39	–	1 136	–	23	–	–	23	83	–
Sales managers, except retail trade	285	–	–	–	–	–	–	–	56	–	22	–	–	22	–	–
School administrators, college	202	–	318	19	227	72	–	–	–	–	–	–	–	–	–	–
School administrators, elementary and secondary	848	34	3 681	196	680	2 805	112	–	242	–	304	17	67	220	22	–
Managers and administrators, n.e.c., salaried	7 364	319	2 215	671	423	1 121	–	–	5 284	378	249	59	102	88	–	–
Construction	49	–	–	–	–	–	–	–	98	40	–	–	–	–	–	–
Durable goods manufacturing	271	–	–	–	–	–	–	–	157	37	–	–	–	–	–	–
Nondurable goods, including not specified manufacturing	294	–	24	24	–	–	–	–	369	21	–	–	–	–	–	–
Transportation	132	–	24	–	–	24	–	–	376	54	–	–	–	–	–	–
Communications, and utilities and sanitary services	326	–	–	–	–	–	–	–	197	–	–	–	–	–	–	–
Wholesale trade	161	–	–	–	–	–	–	–	232	20	–	–	–	–	–	–
Retail trade	2 571	215	127	42	–	85	–	–	1 710	157	40	19	21	–	–	–
Hardware, farm equipment, and building material retailing	42	42	–	–	–	–	–	–	84	23	–	–	–	–	–	–
General merchandise stores	492	23	42	42	–	–	–	–	430	–	19	19	–	–	–	–
Food stores	1 058	71	85	–	–	85	–	–	268	22	–	–	–	–	–	–
Motor vehicles and accessories retailing	–	–	–	–	–	–	–	–	25	–	–	–	–	–	–	–
Gasoline service stations	36	21	–	–	–	–	–	–	20	–	–	–	–	–	–	–
Apparel and accessories stores	403	36	–	–	–	–	–	–	320	–	–	–	–	–	–	–

[1]Originally reported as "Self-employed in own incorporated business"—see text.

Table 44. Class of Worker of Employed Negroes and Persons of Spanish Origin by Detailed Occupation and Sex: 1970—Continued

[Total employed Negroes shown in table 41; total employed persons of Spanish origin shown in table 42. Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Negro								Persons of Spanish origin							
	Wage and salary workers								Wage and salary workers							
	Private wage and salary workers		Government workers						Private wage and salary workers		Government workers					
	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers
Female, 16 years old and over—Continued																
Managers and administrators, except farm—Continued																
Managers and administrators, n.e.c., salaried—Continued																
Retail trade—Continued																
Furniture, home furnishings, and equipment stores	63	–	–	–	–	–	–	–	143	–	–	–	–	–	–	–
Other retail trade	477	22	–	–	–	–	–	–	420	112	21	–	21	–	–	–
Finance, insurance, and real estate	466	–	82	–	–	82	–	–	452	20	–	–	–	–	–	–
Business and repair services	425	17	86	–	–	86	–	–	299	29	27	–	–	27	–	–
Personal services	1 118	64	21	–	–	21	–	–	1 029	–	20	20	–	–	–	–
All other industries[2]	1 551	23	1 851	605	423	823	–	–	365	–	162	20	81	61	–	–
Managers and administrators, n.e.c., self-employed	–	–	–	–	–	–	3 911	433	–	–	–	–	–	–	2 453	551
Construction	–	–	–	–	–	–	56	–	–	–	–	–	–	–	19	–
Durable goods manufacturing	–	–	–	–	–	–	44	–	–	–	–	–	–	–	23	–
Nondurable goods, including not specified manufacturing	–	–	–	–	–	–	45	–	–	–	–	–	–	–	141	23
Transportation	–	–	–	–	–	–	–	19	–	–	–	–	–	–	43	18
Communications, and utilities and sanitary services	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Wholesale trade	–	–	–	–	–	–	94	–	–	–	–	–	–	–	46	24
Retail trade	–	–	–	–	–	–	2 703	282	–	–	–	–	–	–	1 753	333
Hardware, farm equipment, and building material retailing	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
General merchandise stores	–	–	–	–	–	–	108	–	–	–	–	–	–	–	79	39
Food stores	–	–	–	–	–	–	1 853	200	–	–	–	–	–	–	851	185
Motor vehicles and accessories retailing	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16	–
Gasoline service stations	–	–	–	–	–	–	108	–	–	–	–	–	–	–	46	–
Apparel and accessories stores	–	–	–	–	–	–	95	21	–	–	–	–	–	–	188	65
Furniture, home furnishings, and equipment stores	–	–	–	–	–	–	45	–	–	–	–	–	–	–	108	–
Other retail trade	–	–	–	–	–	–	494	61	–	–	–	–	–	–	465	44
Finance, insurance, and real estate	–	–	–	–	–	–	24	–	–	–	–	–	–	–	35	–
Business and repair services	–	–	–	–	–	–	110	71	–	–	–	–	–	–	100	74
Personal services	–	–	–	–	–	–	625	61	–	–	–	–	–	–	209	58
All other industries[2]	–	–	–	–	–	–	210	–	–	–	–	–	–	–	84	21
Managers and administrators, except farm—allocated	1 707	57	1 130	407	108	615	817	45	763	58	84	40	22	22	136	21
Sales workers	**76 538**	**419**	**3 680**	**1 489**	**718**	**1 473**	**3 937**	**926**	**50 172**	**341**	**1 000**	**518**	**149**	**333**	**2 648**	**955**
Advertising agents and salesmen	245	–	–	–	–	–	–	–	178	–	–	–	–	–	22	–
Auctioneers	21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Demonstrators	635	–	110	22	71	17	79	–	873	23	73	27	23	23	123	–
Hucksters and peddlers	1 452	22	34	21	–	13	134	37	1 799	–	–	–	–	–	307	20
Insurance agents, brokers, and underwriters	3 746	–	141	49	22	70	39	–	751	–	48	–	–	48	38	–
Newsboys	198	–	–	–	–	–	29	–	182	–	–	–	–	–	–	21
Real estate agents and brokers	1 091	61	39	–	–	39	380	18	569	23	–	–	–	–	179	–
Stock and bond salesmen	176	–	94	46	–	48	–	–	88	–	–	–	–	–	–	–
Salesmen and sales clerks, n.e.c	57 733	267	2 435	1 031	470	934	2 788	823	42 263	214	685	427	60	198	1 881	801
Sales representatives, manufacturing industries	791	–	49	–	19	30	31	–	975	27	16	–	–	16	19	–
Sales representatives, wholesale trade	1 957	–	49	–	–	49	205	20	1 418	49	22	–	–	22	82	–
Sales clerks, retail trade	51 217	267	1 646	728	318	600	2 424	682	37 048	138	526	375	39	112	1 483	724
General merchandise stores	28 569	69	1 044	562	147	335	250	81	18 336	20	438	319	19	100	166	96
Food stores	3 542	140	114	75	–	39	1 080	437	3 201	25	15	15	–	–	644	335

[1] Originally reported as "Self-employed in own incorporated business"—see text. [2] Includes transportation, communications, and other public utilities—allocated.

Table 44. Class of Worker of Employed Negroes and Persons of Spanish Origin by Detailed Occupation and Sex: 1970—Continued

[Total employed Negroes shown in table 41; total employed persons of Spanish origin shown in table 42. Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Negro								Persons of Spanish origin							
	Wage and salary workers								Wage and salary workers							
	Private wage and salary workers		Government workers						Private wage and salary workers		Government workers					
	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers
Female, 16 years old and over—Continued																
Sales workers—Continued																
Salesmen and sales clerks, n.e.c.—Continued																
Sales clerks, retail trade—Continued																
Apparel and accessories stores	9 346	–	129	15	18	96	195	41	7 824	38	35	23	–	12	365	41
Other sales clerks, retail trade	9 760	58	359	76	153	130	899	123	7 687	55	38	18	20	–	308	252
Salesmen, retail trade	1 462	–	14	–	14	–	106	43	1 078	–	–	–	–	–	202	62
Motor vehicles and accessories dealers	155	–	–	–	–	–	–	–	218	–	–	–	–	–	24	–
Salesmen of services and construction	2 306	–	677	303	119	255	22	78	1 744	–	121	52	21	48	95	15
Sales workers—allocated	11 241	69	827	320	155	352	488	48	3 469	81	194	64	66	64	98	113
Clerical and kindred workers	**417 278**	**1 213**	**269 291**	**134 440**	**43 727**	**91 124**	**3 217**	**1 311**	**225 179**	**1 204**	**60 928**	**21 776**	**14 686**	**24 466**	**2 510**	**1 737**
Bank tellers	6 985	–	778	466	83	229	–	–	5 462	–	267	216	33	18	–	–
Billing clerks	3 374	–	360	146	56	158	–	–	2 110	–	94	–	58	36	–	15
Bookkeepers	24 057	153	8 375	3 691	1 302	3 382	763	250	23 986	326	2 508	843	487	1 178	824	468
Cashiers	38 634	198	4 052	1 454	783	1 815	614	259	21 379	157	1 287	529	256	502	301	294
Clerical assistants, social welfare	–	–	150	25	37	88	–	–	–	–	60	–	–	60	–	–
Clerical supervisors, n.e.c	1 126	–	2 702	1 782	230	690	22	–	709	–	517	414	23	80	–	–
Collectors, bill and account	1 203	–	88	–	–	88	13	–	652	–	49	–	–	49	–	–
Counter clerks, except food	9 423	–	456	170	155	131	37	47	3 940	16	117	40	57	20	78	43
Dispatchers and starters, vehicle	1 056	28	103	34	21	48	–	–	235	–	46	–	–	46	–	–
Enumerators and interviewers	744	–	3 101	2 728	158	215	–	–	278	24	836	759	34	43	–	–
Estimators and investigators, n.e.c	4 162	–	3 034	2 212	425	397	–	–	2 101	–	380	194	74	112	20	–
Expediters and production controllers	1 984	–	1 188	989	65	134	–	24	1 297	–	99	99	–	–	–	–
File clerks	22 331	19	16 723	8 775	3 230	4 718	19	22	10 291	53	2 647	977	638	1 032	16	–
Insurance adjusters, examiners, and investigators	1 780	–	261	112	117	32	–	–	602	–	–	–	–	–	–	–
Library attendants and assistants	1 761	–	5 530	812	1 348	3 370	–	–	696	–	1 092	145	306	641	–	–
Mail carriers, post office	–	–	3 060	3 060	–	–	–	–	–	–	406	406	–	–	–	–
Mail handlers, except post office	3 706	–	1 885	1 067	372	446	–	–	1 323	–	231	77	36	118	19	–
Messengers, including telegraph, and office boys	1 116	–	381	61	175	145	–	–	313	–	110	44	32	34	–	22
Meter readers, utilities	73	–	–	–	–	–	–	–	37	–	–	–	–	–	–	–
Office machine operators	31 336	31	12 748	8 151	1 889	2 708	58	–	15 365	21	2 263	1 075	619	569	74	–
Bookkeeping and billing machine	3 041	–	714	441	182	91	–	–	1 828	–	144	54	38	52	–	–
Calculating machine	1 534	–	346	193	38	115	–	–	889	–	68	37	31	–	–	–
Computer and peripheral equipment	1 866	–	1 268	1 105	80	83	–	–	866	–	130	94	36	–	–	–
Duplicating machine	568	–	564	270	145	149	–	–	315	–	113	23	49	41	–	–
Keypunch	21 973	31	9 051	5 669	1 305	2 077	58	–	10 522	21	1 683	790	454	439	74	–
Tabulating machine	492	–	161	72	40	49	–	–	196	–	22	–	–	22	–	–
Office machine, n.e.c	1 862	–	644	401	99	144	–	–	749	–	103	77	11	15	–	–
Payroll and timekeeping clerks	2 656	–	2 488	1 512	156	820	–	–	2 153	16	322	71	120	131	20	–
Postal clerks	–	–	27 411	27 411	–	–	–	–	–	–	2 274	2 274	–	–	–	–
Proofreaders	945	–	123	70	18	35	–	–	252	–	100	63	37	–	–	–
Real estate appraisers	21	–	23	–	23	–	–	–	–	–	–	–	–	–	–	–
Receptionists	9 851	–	4 364	1 056	1 555	1 753	84	22	7 005	–	1 242	320	385	537	77	110
Secretaries	52 454	295	34 705	13 069	8 113	13 523	315	233	47 741	318	13 977	4 428	4 394	5 155	288	518
Secretaries, legal	1 254	–	259	187	27	45	–	–	1 718	–	202	34	47	121	24	–
Secretaries, medical	2 140	–	716	92	321	303	25	–	1 309	–	138	53	64	21	–	–
Shipping and receiving clerks	6 152	17	672	537	83	52	20	–	2 951	18	106	58	29	19	–	–
Statistical clerks	7 358	38	5 455	3 201	685	1 569	84	36	3 071	–	932	325	206	401	–	–
Stenographers	2 052	–	3 599	1 666	939	994	39	–	1 441	–	1 537	598	511	428	–	–
Stock clerks and storekeepers	8 464	18	3 562	2 848	319	395	18	48	2 996	–	549	448	42	59	20	–
Teacher aides, except school monitors	2 928	–	20 977	2 692	3 204	15 081	40	–	944	–	7 155	747	1 406	5 002	–	–
Telegraph operators	269	–	38	21	17	–	–	–	104	–	–	–	–	–	20	–
Telephone operators	36 624	36	4 933	1 351	1 122	2 460	18	25	9 327	–	782	196	232	354	–	–
Ticket, station, and express agents	1 661	–	523	96	33	394	34	–	1 016	–	13	–	–	13	–	–

[1] Originally reported as "Self-employed in own incorporated business" – see text

Table 44. Class of Worker of Employed Negroes and Persons of Spanish Origin by Detailed Occupation and Sex: 1970—Continued

[Total employed Negroes shown in table 41; total employed persons of Spanish origin shown in table 42. Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Negro								Persons of Spanish origin							
	Wage and salary workers								Wage and salary workers							
	Private wage and salary workers		Government workers						Private wage and salary workers		Government workers					
	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers
Female, 16 years old and over—Continued																
Clerical and kindred workers—Continued																
Typists	43 389	70	43 864	18 897	8 983	15 984	182	55	23 705	60	10 741	3 571	2 849	4 321	105	43
Weighers	1 261	–	188	101	22	65	–	–	611	–	60	37	–	23	24	–
Miscellaneous and not specified clerical workers	39 516	67	27 773	12 341	4 468	10 964	199	95	18 656	39	5 582	2 085	1 154	2 343	235	97
Occupation:																
Miscellaneous clerical workers	18 038	43	7 681	3 002	1 418	3 261	70	46	7 241	–	1 536	568	247	721	40	19
Not specified clerical workers	21 478	24	20 092	9 339	3 050	7 703	129	49	11 415	39	4 046	1 517	907	1 622	195	78
Industry:																
Manufacturing	4 355	24	293	212	58	23	–	–	2 772	10	88	46	–	42	–	–
Transportation, communications, and other public utilities	5 938	–	705	–	98	607	24	–	2 636	–	90	–	–	90	70	–
Wholesale and retail trade	8 807	–	230	161	27	42	80	20	4 742	29	21	–	–	21	40	41
Finance, insurance, and real estate	8 034	–	1 133	571	121	441	20	–	4 197	–	250	119	22	109	42	–
Professional and related services	8 269	–	9 675	1 343	2 529	5 803	25	20	2 700	–	2 120	457	580	1 083	51	19
Public administration	–	–	15 101	9 912	1 442	3 747	–	–	–	–	2 883	1 392	533	958	–	–
All other industries	4 113	43	636	142	193	301	50	55	1 609	–	130	71	19	40	32	37
Clerical and kindred workers—allocated	46 826	243	23 618	11 836	3 541	8 241	658	195	12 430	156	2 547	737	668	1 142	389	127
Craftsmen and kindred workers	**41 067**	**197**	**5 689**	**2 414**	**1 050**	**2 225**	**1 237**	**147**	**20 389**	**21**	**1 357**	**500**	**296**	**561**	**982**	**99**
Automobile accessories installers	39	–	24	–	–	24	–	–	39	–	–	–	–	–	–	–
Bakers	2 914	27	1 033	70	377	586	34	–	922	–	246	–	20	226	83	25
Cabinetmakers	128	–	–	–	–	–	–	23	249	–	–	–	–	–	–	–
Carpet installers	23	–	–	–	–	–	–	–	21	–	–	–	–	–	–	–
Construction craftsmen	4 238	26	466	197	29	240	186	37	1 855	21	219	108	38	73	170	36
Brickmasons and stonemasons	355	–	18	–	–	18	12	–	144	21	–	–	–	–	14	–
Brickmasons and stonemasons, apprentices	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Bulldozer operators	216	–	52	36	–	16	–	–	34	–	24	–	24	–	–	–
Carpenters	864	–	24	–	–	24	45	17	483	–	20	20	–	–	44	–
Carpenter apprentices	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cement and concrete finishers	390	–	99	–	–	99	–	–	108	–	–	–	–	–	–	–
Electricians	646	–	152	133	–	19	30	–	204	–	50	50	–	–	–	–
Electrician apprentices	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Excavating, grading, and road machine operators; except bulldozer	213	–	44	–	29	15	–	20	60	–	19	–	–	19	11	–
Floor layers, except tile setters	19	–	–	–	–	–	–	–	20	–	–	–	–	–	–	–
Painters, construction and maintenance	765	26	39	–	–	39	82	–	535	–	88	20	14	54	59	36
Painter apprentices	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Paperhangers	–	–	–	–	–	–	–	–	–	–	–	–	–	–	18	–
Plasterers	86	–	–	–	–	–	17	–	83	–	–	–	–	–	–	–
Plasterer apprentices	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Plumbers and pipe fitters	324	–	38	28	–	10	–	–	95	–	18	18	–	–	–	–
Plumber and pipe fitter apprentices	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Roofers and slaters	257	–	–	–	–	–	–	–	55	–	–	–	–	–	24	–
Structural metal craftsmen	20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Tile setters	83	–	–	–	–	–	–	–	34	–	–	–	–	–	–	–
Cranemen, derrickmen, and hoistmen	477	–	–	–	–	–	–	–	36	–	–	–	–	–	–	–
Decorators and window dressers	1 655	–	59	–	–	59	132	27	753	–	–	–	–	–	163	19
Dental laboratory technicians	485	–	39	–	22	17	–	–	94	–	–	–	–	–	–	–
Electric power linemen and cablemen	131	–	–	–	–	–	13	–	20	–	–	–	–	–	–	–
Engravers, except photoengravers	84	–	21	21	–	–	19	–	65	–	22	22	–	–	44	–
Foremen, n.e.c	6 886	–	987	334	292	361	75	37	5 248	–	120	61	16	43	122	–
Construction	60	–	53	19	–	34	–	–	58	–	–	–	–	–	–	–
Manufacturing	3 585	–	119	65	33	21	22	–	3 722	–	21	21	–	–	21	–

[1] Originally reported as "Self-employed in own incorporated business"—see text.

Table 44. Class of Worker of Employed Negroes and Persons of Spanish Origin by Detailed Occupation and Sex: 1970—Continued

[Total employed Negroes shown in table 41; total employed persons of Spanish origin shown in table 42. Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Negro								Persons of Spanish origin							
	Wage and salary workers						Self-employed workers	Unpaid family workers	Wage and salary workers						Self-employed workers	Unpaid family workers
	Private wage and salary workers		Government workers						Private wage and salary workers		Government workers					
	Total	Employee of own corporation[1]	Total	Federal	State	Local			Total	Employee of own corporation[1]	Total	Federal	State	Local		
Female, 16 years old and over—Continued																
Craftsmen and kindred workers—Con.																
Foremen, n.e.c.—Continued																
Manufacturing—Continued																
Metal industries	220	–	–	–	–	–	–	–	122	–	–	–	–	–	–	–
Machinery, except electrical	127	–	–	–	–	–	–	–	99	–	–	–	–	–	–	–
Electrical machinery, equipment and supplies	468	–	–	–	–	–	–	–	281	–	–	–	–	–	–	–
Transportation equipment	162	–	–	–	–	–	–	–	22	–	–	–	–	–	–	–
Other durable goods	542	–	–	–	–	–	–	–	445	–	21	21	–	–	–	–
Food and kindred products	273	–	21	–	–	21	–	–	362	–	–	–	–	–	–	–
Textiles, textile products, and apparel	1 146	–	33	–	33	–	22	–	1 863	–	–	–	–	–	21	–
Other nondurable goods, including not specified manufacturing	647	–	65	65	–	–	–	–	528	–	–	–	–	–	–	–
Transportation	42	–	18	–	–	18	–	–	63	–	–	–	–	–	–	–
Communications, and utilities and sanitary services	236	–	57	–	19	38	–	–	90	–	–	–	–	–	–	–
Wholesale and retail trade	1 326	–	12	12	–	–	–	–	833	–	–	–	–	–	81	–
All other industries[2]	1 637	–	728	238	240	250	53	37	482	–	99	40	16	43	20	–
Furniture and wood finishers	558	–	16	16	–	–	24	–	110	–	–	–	–	–	–	–
Furriers	119	–	21	–	–	21	–	–	50	–	–	–	–	–	–	–
Glaziers	128	–	16	–	–	16	–	–	–	–	–	–	–	–	–	–
Inspectors, scalers, and graders; log and lumber	457	–	–	–	–	–	20	–	44	–	–	–	–	–	–	–
Inspectors, n.e.c.	1 617	–	94	–	–	94	–	–	376	–	–	–	–	–	–	–
Construction	20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Railroads and railway express service	–	–	–	–	–	–	–	–	21	–	–	–	–	–	–	–
Jewelers and watchmakers	375	–	17	–	17	–	22	–	260	–	–	–	–	–	18	–
Locomotive engineers	46	–	–	–	–	–	–	–	33	–	–	–	–	–	–	–
Locomotive firemen	71	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mechanics and repairmen	3 714	15	996	787	42	167	306	–	1 673	–	374	231	108	35	70	–
Air conditioning, heating, and refrigeration	66	–	–	–	–	–	–	–	55	–	–	–	–	–	–	–
Aircraft	240	–	372	323	–	49	–	–	128	–	72	72	–	–	–	–
Automobile body repairmen	84	–	–	–	–	–	23	–	23	–	–	–	–	–	–	–
Automobile mechanics	1 221	15	49	–	19	30	246	–	428	–	102	64	20	18	25	–
Automobile mechanic apprentices	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Data processing machine repairmen	75	–	31	31	–	–	–	–	–	–	–	–	–	–	–	–
Farm implement	18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Heavy equipment mechanics, including diesel	898	–	173	128	23	22	13	–	368	–	68	21	47	–	–	–
Household appliance and accessory installers and mechanics	339	–	20	–	–	20	14	–	25	–	–	–	–	–	–	–
Loom fixers	31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Office machine	67	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Radio and television	293	–	121	75	–	46	10	–	219	–	57	17	23	17	24	–
Railroad and car shop	–	–	–	–	–	–	–	–	17	–	–	–	–	–	–	–
Mechanics, except auto, apprentices	20	–	–	–	–	–	–	–	–	–	18	–	18	–	–	–
Miscellaneous mechanics and repairmen, including mechanics, except auto, apprentices	313	–	230	230	–	–	–	–	363	–	75	57	18	–	–	–
Manufacturing	194	–	21	21	–	–	–	–	279	–	–	–	–	–	–	–
Not specified mechanics and repairmen	69	–	–	–	–	–	–	–	47	–	–	–	–	–	21	–
Manufacturing	40	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Metal craftsmen, except mechanics	3 031	17	246	127	30	89	–	–	1 479	–	58	38	–	20	37	–
Blacksmiths	23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Boilermakers	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

[1] Originally reported as "Self-employed in own incorporated business"—see text. [2] Includes transportation, communications, and other public utilities—allocated.

Table 44. **Class of Worker of Employed Negroes and Persons of Spanish Origin by Detailed Occupation and Sex: 1970**—Continued

[Total employed Negroes shown in table 41; total employed persons of Spanish origin shown in table 42. Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Negro								Persons of Spanish origin							
	Wage and salary workers								Wage and salary workers							
	Private wage and salary workers		Government workers						Private wage and salary workers		Government workers					
	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers
Female, 16 years old and over—Continued																
Craftsmen and kindred workers—Continued																
Metal craftsmen, except mechanics—Continued																
Forgemen and hammermen	95	–	–	–	–	–	–	–	63	–	–	–	–	–	–	–
Heat treaters, annealers, and temperers	98	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Job and die setters, metal	66	–	–	–	–	–	–	–	162	–	–	–	–	–	–	–
Machinists	1 318	17	106	64	–	42	–	–	645	–	19	19	–	–	–	–
Machinist apprentices	–	–	–	–	–	–	–	–	67	–	–	–	–	–	–	–
Millwrights	47	–	–	–	–	–	–	–	23	–	–	–	–	–	–	–
Molders, metal	672	–	28	–	–	28	–	–	196	–	–	–	–	–	–	–
Molder apperntices	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pattern and model makers, except paper	113	–	–	–	–	–	–	–	65	–	–	–	–	–	19	–
Rollers and finishers, metal	94	–	–	–	–	–	–	–	107	–	–	–	–	–	–	–
Sheetmetal workers and tinsmiths	211	–	93	63	30	–	–	–	151	–	39	19	–	20	18	–
Sheetmetal apprentices	–	–	–	–	–	–	–	–	14	–	–	–	–	–	–	–
Shipfitters	54	–	–	–	–	–	–	–	44	–	–	–	–	–	–	–
Tool and die makers	240	–	19	–	–	19	–	–	23	–	–	–	–	–	–	–
Tool and die maker apprentices	21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Millers; grain, flour, and feed	–	–	–	–	–	–	–	–	16	–	–	–	–	–	–	–
Motion picture projectionists	21	–	–	–	–	–	–	–	–	–	29	–	–	29	–	–
Opticians, and lens grinders and polishers	503	–	18	–	–	18	–	–	336	–	19	–	19	–	–	–
Piano and organ tuners and repairmen	35	–	–	–	–	–	21	–	19	–	–	–	–	–	–	–
Power station operators	–	–	20	–	–	20	–	–	17	–	–	–	–	–	–	–
Printing craftsmen	4 445	–	532	345	67	120	18	–	2 644	–	97	–	54	43	23	19
Bookbinders	1 956	–	134	81	–	53	–	–	1 148	–	30	–	30	–	23	–
Compositors and typesetters	1 179	–	129	82	23	24	18	–	648	–	21	–	–	21	–	19
Printing trades apprentices, except pressmen	40	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Electrotypers and stereotypers	23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Photoengravers and lithographers	281	–	72	50	–	22	–	–	22	–	–	–	–	–	–	–
Pressmen and plate printers, printing	1 006	–	197	132	44	21	–	–	826	–	46	–	24	22	–	–
Pressmen apprentices	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shoe repairmen	186	–	20	20	–	–	65	–	512	–	–	–	–	–	30	–
Sign painters and letterers	86	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Stationary engineers	187	–	199	54	13	132	–	–	42	–	50	–	–	50	–	–
Stone cutters and stone carvers	44	–	–	–	–	–	–	–	22	–	–	–	–	–	–	–
Tailors	2 241	22	64	38	–	26	44	23	1 941	–	61	19	20	22	22	–
Telephone installers and repairmen	660	–	19	–	–	19	24	–	219	–	21	–	21	–	–	–
Telephone linemen and splicers	109	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Upholsterers	1 031	28	66	–	24	42	81	–	379	–	–	–	–	–	141	–
Craftsmen and kindred workers, n.e.c	411	–	44	44	–	–	–	–	269	–	–	–	–	–	–	–
Former members of the Armed Forces	–	–	41	41	–	–	–	–	–	–	21	21	–	–	–	–
Craftsmen and kindred workers—allocated	3 932	62	631	320	137	174	153	–	646	–	20	–	–	20	59	–
Operatives, except transport	**502 969**	**932**	**25 936**	**12 166**	**5 252**	**8 518**	**4 478**	**771**	**268 371**	**625**	**5 400**	**2 054**	**1 074**	**2 272**	**2 316**	**507**
Asbestos and insulation workers	41	–	–	–	–	–	–	–	43	–	–	–	–	–	–	–
Assemblers	48 425	46	2 749	1 682	366	701	80	19	30 486	37	997	463	72	462	–	21
Blasters and powdermen	–	–	22	22	–	–	–	–	44	–	–	–	–	–	–	–
Bottling and canning operatives	1 820	–	44	19	–	25	–	–	1 587	–	33	–	16	17	–	–
Chainmen, rodmen, and axmen; surveying	25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	27 309	36	1 617	980	275	362	37	41	12 805	35	173	109	45	19	23	–
Clothing ironers and pressers	53 341	76	2 446	1 146	713	587	215	40	10 308	18	367	181	120	66	156	35
Cutting operatives, n.e.c	4 812	–	194	116	37	41	19	23	3 401	–	66	22	–	44	–	–
Dressmakers and seamstresses, except factory	5 281	96	818	522	69	227	2 177	24	4 273	43	122	57	47	18	1 023	63
Drillers, earth	334	–	35	18	17	–	–	–	138	–	–	–	–	–	19	–
Dry wall installers and lathers	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

[1]Originally reported as "Self-employed in own incorporated business"—see text.

Table 44. Class of Worker of Employed Negroes and Persons of Spanish Origin by Detailed Occupation and Sex: 1970—Continued

[Total employed Negroes shown in table 41; total employed persons of Spanish origin shown in table 42. Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Negro								Persons of Spanish origin							
	Wage and salary workers						Self-employed workers	Unpaid family workers	Wage and salary workers						Self-employed workers	Unpaid family workers
	Private wage and salary workers		Government workers						Private wage and salary workers		Government workers					
	Total	Employee of own corporation[1]	Total	Federal	State	Local			Total	Employee of own corporation[1]	Total	Federal	State	Local		
Female, 16 years old and over—Continued																
Operatives, except transport—Continued																
Dyers	349	–	–	–	–	–	–	–	97	–	–	–	–	–	–	–
Garage workers and gas station attendants	668	–	49	–	30	19	–	18	443	17	–	–	–	–	–	59
Graders and sorters, manufacturing	3 315	–	21	21	–	–	–	20	2 071	–	41	19	–	22	–	–
Produce graders and packers, except factory and farm	1 370	–	19	–	–	19	–	–	4 263	–	27	–	–	27	–	–
Laundry and drycleaning operatives, n.e.c	25 738	77	3 288	1 010	1 017	1 261	299	35	7 020	22	331	74	144	113	61	90
Meat cutters and butchers, except manufacturing	1 735	–	43	19	24	–	40	–	498	17	–	–	–	–	43	–
Meat cutters and butchers, manufacturing	3 987	16	30	21	–	9	–	–	1 839	22	–	–	–	–	–	–
Meat wrappers, retail trade	1 730	–	76	40	17	19	–	–	925	–	–	–	–	–	–	–
Metalworking operatives, except precision machine	15 673	35	712	313	154	245	22	43	8 130	32	195	75	–	120	–	–
Filers, polishers, sanders, and buffers	3 140	–	46	–	–	46	22	–	1 056	–	–	–	–	–	–	–
Furnacemen, smeltermen, and pourers	340	–	37	37	–	–	–	–	47	–	–	–	–	–	–	–
Heaters, metal	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Metal platers	231	–	–	–	–	–	–	–	131	–	–	–	–	–	–	–
Punch and stamping press operatives	4 714	35	177	74	43	60	–	–	2 347	–	22	–	–	22	–	–
Riveters and fasteners	798	–	42	21	–	21	–	–	456	–	22	–	–	22	–	–
Solderers	3 000	–	226	60	48	118	–	20	2 357	–	68	17	–	51	–	–
Welders and flame-cutters	3 450	–	184	121	63	–	–	23	1 736	32	83	58	–	25	–	–
Milliners	124	–	18	18	–	–	21	–	138	–	–	–	–	–	–	–
Mine operatives, n.e.c	478	–	17	–	17	–	–	–	173	–	–	–	–	–	–	–
Coal mining	75	–	–	–	–	–	–	–	15	–	–	–	–	–	–	–
Crude petroleum and natural gas extractions	403	–	–	–	–	–	–	–	118	–	–	–	–	–	–	–
Mining and quarrying, except fuel	–	–	17	–	17	–	–	–	40	–	–	–	–	–	–	–
Mixing operatives	575	–	20	20	–	–	–	–	265	20	–	–	–	–	–	–
Oilers and greasers, except auto	192	–	21	–	–	21	–	–	162	–	–	–	–	–	–	–
Packers and wrappers, except meat and produce	37 362	74	1 145	524	170	451	105	–	26 592	26	457	234	84	139	62	63
Painters, manufactured articles	2 332	–	89	–	22	67	–	–	1 240	–	–	–	–	–	–	–
Photographic process workers	1 832	19	328	111	20	197	–	–	1 288	19	56	19	19	18	18	–
Precision machine operatives	2 672	–	157	78	50	29	18	–	1 550	–	18	–	–	18	–	–
Drill press operatives	990	–	17	17	–	–	–	–	752	–	–	–	–	–	–	–
Grinding machine operatives	589	–	49	20	–	29	–	–	221	–	–	–	–	–	–	–
Lathe and milling machine operatives	389	–	70	20	50	–	18	–	202	–	18	–	–	18	–	–
Precision machine operatives, n.e.c	704	–	21	21	–	–	–	–	375	–	–	–	–	–	–	–
Sailors and deckhands	72	–	23	–	–	23	–	–	105	–	–	–	–	–	–	–
Sawyers	915	–	–	–	–	–	–	–	536	–	–	–	–	–	–	–
Sewers and stitchers	75 230	111	1 947	1 004	326	617	342	85	80 527	210	729	177	124	428	360	56
Shoemaking machine operatives	1 724	–	30	–	30	–	–	–	1 750	–	49	–	49	–	–	–
Stationary firemen	961	–	59	20	–	39	24	–	534	–	18	–	–	18	–	–
Textile operatives	28 659	23	466	41	56	369	–	29	4 979	–	82	16	40	26	86	–
Carding, lapping, and combing operatives	799	–	–	–	–	–	–	–	80	–	–	–	–	–	–	–
Knitters, loopers, and toppers	1 702	–	59	–	–	59	–	–	575	–	–	–	–	–	–	–
Spinners, twisters, and winders	11 457	–	124	26	14	84	–	–	1 269	–	–	–	–	–	–	–
Weavers	2 080	–	61	–	42	19	–	29	296	–	–	–	–	–	66	–
Textile operatives, n.e.c	12 621	23	222	15	–	207	–	–	2 759	–	82	16	40	26	20	–
Winding operatives, n.e.c	2 574	29	60	–	–	60	–	–	1 023	–	–	–	–	–	–	–
Miscellaneous and not specified operatives	94 757	170	5 117	2 418	978	1 721	400	100	46 743	43	1 264	494	221	549	210	54
Occupation:																
Machine operatives, miscellaneous specified	33 697	17	1 599	789	305	505	130	18	14 970	22	342	142	90	110	61	–
Machine operatives, not specified	22 554	85	1 216	724	77	415	23	25	11 717	21	398	184	25	189	–	23
Miscellaneous operatives	28 566	52	1 571	648	429	494	176	57	11 911	–	374	150	58	166	32	31
Not specified operatives	9 940	16	731	257	167	307	71	–	8 145	–	150	18	48	84	117	–

[1] Originally reported as "Self-employed in own incorporated business" - see text

Table 44. **Class of Worker of Employed Negroes and Persons of Spanish Origin by Detailed Occupation and Sex: 1970**—Continued

[Total employed Negroes shown in table 41, total employed persons of Spanish origin shown in table 42. *Data based on 5-percent sample, see text.* For meaning of symbols, see text]

United States

	Negro								Persons of Spanish origin							
	Wage and salary workers						Self-employed workers	Unpaid family workers	Wage and salary workers						Self-employed workers	Unpaid family workers
	Private wage and salary workers		Government workers						Private wage and salary workers		Government workers					
	Total	Employee of own corporation[1]	Total	Federal	State	Local			Total	Employee of own corporation[1]	Total	Federal	State	Local		
Female, 16 years old and over—Continued																
Operatives, except transport—Continued																
Miscellaneous and not specified operatives—Continued																
Industry:																
Manufacturing	81 049	138	2 868	1 266	460	1 142	209	36	41 645	43	865	300	138	427	138	23
Durable goods	37 379	78	1 789	900	267	622	88	18	18 119	–	548	220	88	240	59	23
Lumber and wood products, except furniture	2 417	–	52	11	–	41	–	–	413	–	–	–	–	–	–	–
Furniture and fixtures	2 573	–	23	23	–	–	–	–	953	–	15	–	–	15	–	–
Stone, clay, and glass products	1 532	–	78	31	–	47	–	–	776	–	–	–	–	–	15	–
Glass and glass products	770	–	23	–	–	23	–	–	194	–	–	–	–	–	–	–
Cement, concrete, gypsum, and plaster products	152	–	–	–	–	–	–	–	46	–	–	–	–	–	–	–
Other stone, clay, and glass products	610	–	55	31	–	24	–	–	536	–	–	–	–	–	15	–
Primary metal industries	1 295	–	149	61	22	66	–	–	405	–	18	–	–	18	–	–
Blast furnaces, steel works, and rolling and finishing mills	398	–	67	22	22	23	–	–	43	–	–	–	–	–	–	–
Other primary iron and steel industries	412	–	19	–	–	19	–	–	133	–	18	–	–	18	–	–
Primary nonferrous industries	485	–	63	39	–	24	–	–	229	–	–	–	–	–	–	–
Fabricated metal industries, including not specified metal	3 320	–	139	70	–	69	16	–	1 746	–	19	19	–	–	–	–
Cutlery, hand tools, and other hardware	606	–	17	–	–	17	–	–	300	–	–	–	–	–	–	–
Fabricated structural metal products	278	–	–	–	–	–	16	–	352	–	–	–	–	–	–	–
Screw machine products, and metal stamping	724	–	81	47	–	34	–	–	355	–	19	19	–	–	–	–
Miscellaneous fabricated metal products and not specified metal	1 712	–	41	23	–	18	–	–	739	–	–	–	–	–	–	–
Machinery, except electrical	2 105	23	43	22	–	21	–	–	1 308	–	–	–	–	–	23	–
Farm machinery and equipment	76	–	–	–	–	–	–	–	34	–	–	–	–	–	–	–
Construction and material handling machines	110	–	–	–	–	–	–	–	38	–	–	–	–	–	–	–
Metalworking machinery	399	–	21	–	–	21	–	–	80	–	–	–	–	–	–	–
Office and account. machines, and electronic computing equipment	521	–	–	–	–	–	–	–	407	–	–	–	–	–	–	–
Other machinery, except electrical	999	23	22	22	–	–	–	–	749	–	–	–	–	–	23	–
Electrical machinery, equipment, and supplies	12 725	55	587	213	105	269	53	–	5 335	–	178	57	38	83	–	23
Household appliances	828	–	49	–	24	25	24	–	167	–	–	–	–	–	–	–
Radio, T.V., and communication equipment	4 539	–	203	–	57	146	29	–	1 374	–	22	22	–	–	–	23
Electrical machinery, equipment, and supplies, n.e.c	6 492	55	335	213	24	98	–	–	3 204	–	138	35	38	65	–	–
Not specified electrical machinery, equipment, and supplies	866	–	–	–	–	–	–	–	590	–	18	–	–	18	–	–
Transportation equipment	2 782	–	139	101	38	–	–	–	703	–	139	66	50	23	–	–
Motor vehicles and motor vehicle equipment	1 694	–	–	–	–	–	–	–	219	–	25	–	25	–	–	–
Aircraft and parts	782	–	139	101	38	–	–	–	347	–	91	66	25	–	–	–
Other transportation equipment	306	–	–	–	–	–	–	–	137	–	23	–	–	23	–	–

[1]Originally reported as "Self-employed in own incorporated business"—see text.

Table 44. Class of Worker of Employed Negroes and Persons of Spanish Origin by Detailed Occupation and Sex: 1970—Continued

[Total employed Negroes shown in table 41; total employed persons of Spanish origin shown in table 42. Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Negro								Persons of Spanish origin							
	Wage and salary workers						Self-employed workers	Unpaid family workers	Wage and salary workers						Self-employed workers	Unpaid family workers
	Private wage and salary workers		Government workers						Private wage and salary workers		Government workers					
	Total	Employee of own corporation[1]	Total	Federal	State	Local			Total	Employee of own corporation[1]	Total	Federal	State	Local		
Female, 16 years old and over—Continued																
Operatives, except transport—Continued																
Miscellaneous and not specified operatives—Con.																
Industry—Continued																
Manufacturing—Continued																
Durable goods—Continued																
Professional and photographic equipment, and watches	1 585	–	65	–	43	22	–	–	1 119	–	60	–	–	60	–	–
Professional equipment and supplies	915	–	22	–	–	22	–	–	854	–	60	–	–	60	–	–
Ordnance	763	–	384	368	–	16	–	–	258	–	78	78	–	–	–	–
Miscellaneous manufacturing industries	6 155	–	130	–	59	71	19	18	5 023	–	41	–	–	41	21	–
Durable goods—allocated	127	–	–	–	–	–	–	–	80	–	–	–	–	–	–	–
Nondurable goods	42 576	60	990	348	176	466	121	18	22 643	43	268	80	50	138	79	–
Food and kindred products	13 600	34	154	–	80	74	49	–	4 379	43	–	–	–	–	19	–
Meat products	5 333	–	54	–	27	27	26	–	614	–	–	–	–	–	–	–
Dairy products	215	–	–	–	–	–	–	–	16	–	–	–	–	–	–	–
Canning and preserving fruits, vegetables, and sea foods	5 110	16	48	–	24	24	23	–	2 123	–	–	–	–	–	19	–
Bakery products	929	18	–	–	–	–	–	–	510	21	–	–	–	–	–	–
Beverage industries	171	–	–	–	–	–	–	–	89	–	–	–	–	–	–	–
Other food and kindred products	1 842	–	52	–	29	23	–	–	1 027	22	–	–	–	–	–	–
Tobacco manufactures	1 688	–	23	–	–	23	–	–	639	–	–	–	–	–	–	–
Apparel and other fabricated textile products	9 417	26	233	78	75	80	18	–	6 797	–	123	31	20	72	40	–
Apparel and accessories	7 503	–	213	78	55	80	18	–	5 342	–	59	15	20	24	18	–
Miscellaneous fabricated textile products	1 914	26	20	–	20	–	–	–	1 455	–	64	16	–	48	22	–
Paper and allied products	3 950	–	103	64	–	39	31	–	2 585	–	27	27	–	–	–	–
Pulp, paper, and paperboard mills	561	–	–	–	–	–	–	–	419	–	–	–	–	–	–	–
Miscellaneous paper and pulp products	1 355	–	20	–	–	20	–	–	1 057	–	–	–	–	–	–	–
Paperboard containers and boxes	2 034	–	83	64	–	19	31	–	1 109	–	27	27	–	–	–	–
Printing, publishing, and allied industries	2 624	–	196	59	–	137	–	18	1 678	–	–	–	–	–	20	–
Printing, publishing, and allied industries, except newspapers	2 586	–	196	59	–	137	–	18	1 641	–	–	–	–	–	20	–
Chemicals and allied products	3 328	–	176	116	21	39	–	–	883	–	30	–	30	–	–	–
Industrial chemicals	328	–	21	–	21	–	–	–	42	–	–	–	–	–	–	–
Synthetic fibers	334	–	–	–	–	–	–	–	20	–	–	–	–	–	–	–
Soaps and cosmetics	875	–	23	–	–	23	–	–	294	–	–	–	–	–	–	–
Other chemicals and allied products	1 791	–	132	116	–	16	–	–	527	–	30	–	30	–	–	–
Petroleum and coal products	99	–	–	–	–	–	–	–	24	–	–	–	–	–	–	–
Rubber and miscellaneous plastic products	5 670	–	74	31	–	43	–	–	3 324	–	41	22	–	19	–	–
Rubber products	1 724	–	19	–	–	19	–	–	578	–	22	22	–	–	–	–
Miscellaneous plastic products	3 946	–	55	31	–	24	–	–	2 746	–	19	–	–	19	–	–
Leather and leather products	1 981	–	31	–	–	31	23	–	2 314	–	34	–	–	34	–	–
Tanned, curried, and finished leather	228	–	–	–	–	–	–	–	100	–	–	–	–	–	–	–
Footwear, except rubber	515	–	–	–	–	–	–	–	653	–	–	–	–	–	–	–
Leather products, except footwear	1 238	–	31	–	–	31	23	–	1 561	–	34	–	–	34	–	–
Nondurable goods—allocated	219	–	–	–	–	–	–	–	20	–	13	–	–	13	–	–
Not specified manufacturing industries	1 094	–	89	18	17	54	–	–	883	–	49	–	–	49	–	–

[1] Originally reported as "Self-employed in own incorporated business" – see text.

Table 44. **Class of Worker of Employed Negroes and Persons of Spanish Origin by Detailed Occupation and Sex: 1970**—Continued

[Total employed Negroes shown in table 41, total employed persons of Spanish origin shown in table 42. Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Negro								Persons of Spanish origin							
	Wage and salary workers								Wage and salary workers							
	Private wage and salary workers		Government workers						Private wage and salary workers		Government workers					
	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers
Female, 16 years old and over—*Continued*																
Operatives, except transport—Continued																
Miscellaneous and not specified operatives—Con.																
Industry—Continued																
Nonmanufacturing industries	13 708	32	2 249	1 152	518	579	191	64	5 098	–	399	194	83	122	72	31
Construction	54	–	21	–	21	–	–	–	56	–	–	–	–	–	–	–
Railroads and railway express service	37	–	–	–	–	–	–	–	25	–	–	–	–	–	–	–
Transportation, except railroads	242	–	30	15	–	15	–	–	208	–	–	–	–	–	–	–
Communications, and utilities and sanitary services	198	–	–	–	–	–	–	–	61	–	–	–	–	–	–	–
Wholesale trade	5 443	14	121	53	–	68	23	–	1 734	–	88	40	25	23	–	–
Retail trade	2 606	18	139	35	21	83	64	–	1 055	–	–	–	–	–	17	31
Business and repair services	604	–	44	–	–	44	20	19	605	–	–	–	–	–	–	–
Public administration	–	–	1 144	873	76	195	–	–	–	–	134	114	–	20	–	–
All other industries[2]	4 524	–	750	176	400	174	84	45	1 354	–	177	40	58	79	55	–
Operatives, except transport—allocated	56 557	124	4 276	2 003	864	1 409	679	294	12 395	64	375	114	93	168	255	66
Transport equipment operatives	**8 092**	**46**	**4 103**	**495**	**491**	**3 117**	**742**	**–**	**2 417**	**–**	**737**	**33**	**53**	**651**	**77**	**19**
Boatmen and canalmen	18	–	20	–	–	20	–	–	–	–	–	–	–	–	–	–
Bus drivers	1 188	–	2 566	153	342	2 071	136	–	589	–	567	–	36	531	42	–
Conductors and motormen, urban rail transit	66	–	38	–	–	38	–	–	–	–	15	–	–	15	–	–
Deliverymen and routemen	1 304	23	162	84	15	63	70	–	549	–	13	–	–	13	–	19
Fork lift and tow motor operatives	575	–	31	31	–	–	–	–	76	–	–	–	–	–	–	–
Motormen; mine, factory, logging camp, etc	49	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Parking attendants	46	–	69	–	–	69	20	–	33	–	–	–	–	–	–	–
Railroad brakemen	157	–	–	–	–	–	–	–	18	–	–	–	–	–	–	–
Railroad switchmen	67	–	23	23	–	–	–	–	54	–	–	–	–	–	–	–
Taxicab drivers and chauffeurs	1 305	23	254	75	–	179	327	–	207	–	17	–	–	17	20	–
Truck drivers	2 594	–	568	96	110	362	146	–	740	–	67	33	–	34	–	–
Trucking service	669	–	27	19	–	8	108	–	66	–	–	–	–	–	–	–
Transport equipment operatives—allocated	723	–	372	33	24	315	43	–	151	–	58	–	17	41	15	–
Laborers, except farm	**41 110**	**154**	**6 286**	**3 650**	**789**	**1 847**	**728**	**248**	**12 560**	**48**	**952**	**499**	**128**	**325**	**350**	**97**
Animal caretakers, except farm	506	–	29	29	–	–	24	–	341	–	22	–	–	22	40	–
Carpenters' helpers	186	–	–	–	–	–	–	–	22	–	28	–	–	28	–	–
Construction laborers, except *carpenters' helpers*	2 218	–	295	91	49	155	–	–	803	–	136	52	–	84	–	–
Fishermen and oystermen	73	–	–	–	–	–	28	–	20	–	–	–	–	–	42	–
Freight and material handlers	5 698	25	2 218	2 043	54	121	95	18	1 613	–	87	87	–	–	–	–
Garbage collectors	30	–	180	–	–	180	50	24	–	–	23	–	–	23	–	–
Gardeners and groundskeepers, except farm	1 478	14	204	81	38	85	85	30	370	–	97	40	33	24	27	–
Longshoremen and stevedores	155	–	123	18	84	21	–	–	33	–	–	–	–	–	–	–
Lumbermen, raftsmen, and woodchoppers	390	–	–	–	–	–	49	–	24	–	–	–	–	–	–	–
Stock handlers	11 066	66	675	276	119	280	242	138	3 901	21	137	60	18	59	149	53
Teamsters	21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Vehicle washers and equipment cleaners	3 254	22	171	18	20	133	43	–	663	–	83	20	40	23	–	–
Warehousemen, n.e.c	219	–	297	276	–	21	–	–	130	–	126	126	–	–	–	–
Miscellaneous and not specified laborers	10 990	–	1 362	484	299	579	91	38	3 975	–	149	70	17	62	53	25
Occupation:																
Miscellaneous laborers	2 376	–	396	136	87	173	33	–	1 202	–	57	57	–	–	25	–
Not specified laborers	8 614	–	966	348	212	406	58	38	2 773	–	92	13	17	62	28	25
Industry:																
Manufacturing	6 058	–	316	156	50	110	19	38	2 419	–	33	13	–	20	25	25
Durable goods	2 839	–	275	133	50	92	19	18	1 112	–	13	13	–	–	25	–
Lumber and wood products, except furniture	528	–	–	–	–	–	–	–	24	–	–	–	–	–	–	–

[1] Originally reported as "Self employed in own incorporated business"—see text. [2] Includes transportation, communications, and other public utilities—allocated.

Table 44. Class of Worker of Employed Negroes and Persons of Spanish Origin by Detailed Occupation and Sex: 1970—Continued

[Total employed Negroes shown in table 41; total employed persons of Spanish origin shown in table 42. Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Negro								Persons of Spanish origin							
	Wage and salary workers								Wage and salary workers							
	Private wage and salary workers		Government workers						Private wage and salary workers		Government workers					
	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers
Female, 16 years old and over—Continued																
Laborers, except farm—Continued																
Miscellaneous and not specified laborers—Con.																
Industry—Continued																
Manufacturing—Continued																
Durable goods—Continued																
Furniture and fixtures	300	–	–	–	–	–	–	–	125	–	–	–	–	–	–	–
Stone, clay, and glass products	160	–	21	–	–	21	–	–	50	–	–	–	–	–	–	–
Cement, concrete, gypsum, and plaster products	15	–	–	–	–	–	–	–	27	–	–	–	–	–	–	–
Structural clay products	69	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other stone, clay, and glass products	76	–	21	–	–	21	–	–	23	–	–	–	–	–	–	–
Primary metal industries	360	–	90	–	19	71	–	–	72	–	–	–	–	–	–	–
Blast furnaces, steel works, and rolling and finishing mills	220	–	55	–	19	36	–	–	50	–	–	–	–	–	–	–
Other primary iron and steel industries	42	–	35	–	–	35	–	–	22	–	–	–	–	–	–	–
Primary nonferrous industries	98	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Fabricated metal industries, including not specified metal	239	–	16	16	–	–	19	–	316	–	–	–	–	–	25	–
Fabricated structural metal products	72	–	–	–	–	–	19	–	41	–	–	–	–	–	–	–
Machinery, except electrical	148	–	–	–	–	–	–	–	38	–	–	–	–	–	–	–
Electrical machinery, equipment, and supplies	394	–	–	–	–	–	–	–	125	–	–	–	–	–	–	–
Transportation equipment	292	–	–	–	–	–	–	18	115	–	–	–	–	–	–	–
Motor vehicles and motor vehicle equipment	175	–	–	–	–	–	–	18	49	–	–	–	–	–	–	–
Ship and boat building and repairing	37	–	–	–	–	–	–	–	44	–	–	–	–	–	–	–
Other transportation equipment	80	–	–	–	–	–	–	–	22	–	–	–	–	–	–	–
Professional and photographic equipment, and watches	39	–	–	–	–	–	–	–	69	–	–	–	–	–	–	–
Ordnance	135	–	132	117	15	–	–	–	–	–	13	13	–	–	–	–
Miscellaneous manufacturing industries	209	–	16	–	16	–	–	–	178	–	–	–	–	–	–	–
Manufacturing, durable goods—allocated	35	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Nondurable goods	3 078	–	41	23	–	18	–	20	1 215	–	20	–	–	20	–	25
Food and kindred products	1 178	–	–	–	–	–	–	20	491	–	–	–	–	–	–	–
Meat products	479	–	–	–	–	–	–	20	23	–	–	–	–	–	–	–
Dairy products	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Canning and preserving fruits, vegetables, and sea foods	406	–	–	–	–	–	–	–	265	–	–	–	–	–	–	–
Grain-mill products	20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Beverage industries	85	–	–	–	–	–	–	–	15	–	–	–	–	–	–	–
Other food and kindred products	188	–	–	–	–	–	–	–	188	–	–	–	–	–	–	–
Tobacco manufactures	183	–	–	–	–	–	–	–	24	–	–	–	–	–	–	–
Textile mill products	472	–	–	–	–	–	–	–	118	–	–	–	–	–	–	–
Yarn, thread, and fabric mills	370	–	–	–	–	–	–	–	28	–	–	–	–	–	–	–
Other textile mill products	102	–	–	–	–	–	–	–	90	–	–	–	–	–	–	–
Apparel and other fabricated textile products	381	–	–	–	–	–	–	–	175	–	–	–	–	–	–	–
Paper and allied products	191	–	–	–	–	–	–	–	97	–	–	–	–	–	–	–
Pulp, paper and paperboard mills	101	–	–	–	–	–	–	–	28	–	–	–	–	–	–	–
Other paper and allied products	90	–	–	–	–	–	–	–	69	–	–	–	–	–	–	–

[1]Originally reported as "Self-employed in own incorporated business"—see text.

Table 44. **Class of Worker of Employed Negroes and Persons of Spanish Origin by Detailed Occupation and Sex: 1970**—Continued

[Total employed Negroes shown in table 41; total employed persons of Spanish origin shown in table 42. Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Negro								Persons of Spanish origin							
	Wage and salary workers								Wage and salary workers							
	Private wage and salary workers		Government workers						Private wage and salary workers		Government workers					
	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers
Female, 16 years old and over—Continued																
Laborers, except farm—Continued																
Miscellaneous and not specified laborers—Con.																
Industry—Continued																
Manufacturing—Continued																
Nondurable goods—Continued																
Printing, publishing, and allied industries	90	–	–	–	–	–	–	–	50	–	–	–	–	–	–	–
Chemicals and allied products	225	–	41	23	–	18	–	–	52	–	–	–	–	–	–	25
Petroleum and coal products	12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Rubber and miscellaneous plastic products	205	–	–	–	–	–	–	–	76	–	–	–	–	–	–	–
Leather and leather products	99	–	–	–	–	–	–	–	114	–	20	–	–	20	–	–
Nondurable goods—allocated	42	–	–	–	–	–	–	–	18	–	–	–	–	–	–	–
Not specified manufacturing industries	141	–	–	–	–	–	–	–	92	–	–	–	–	–	–	–
Nonmanufacturing industries	4 932	–	1 046	328	249	469	72	–	1 556	–	116	57	17	42	28	–
Railroads and railway express service	209	–	–	–	–	–	–	–	61	–	–	–	–	–	–	–
Transportation, except railroads	182	–	19	–	–	19	–	–	49	–	–	–	–	–	–	–
Communications, and utilities and sanitary services	96	–	169	19	32	118	–	–	54	–	–	–	–	–	–	–
Transportation, communications, and other public utilities—allocated	25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Wholesale trade	782	–	37	–	–	37	33	–	401	–	–	–	–	–	28	–
Retail trade	974	–	–	–	–	–	16	–	431	–	–	–	–	–	–	–
Business and repair services	432	–	64	–	64	–	–	–	126	–	–	–	–	–	–	–
Personal services	932	–	–	–	–	–	23	–	212	–	–	–	–	–	–	–
Private households	587	–	–	–	–	–	–	–	109	–	–	–	–	–	–	–
Public administration	–	–	376	199	17	160	–	–	–	–	–	–	–	–	–	–
All other industries	1 300	–	381	110	136	135	–	–	222	–	116	57	17	42	–	–
Laborers, except farm—allocated	4 826	27	732	334	126	272	21	–	665	27	64	44	20	–	39	19
Farmers and farm managers	**450**	**19**	**11**	**11**	–	–	**4 612**	–	**122**	–	–	–	–	–	**846**	–
Farmers, owners and tenants	–	–	–	–	–	–	2 112	–	–	–	–	–	–	–	764	–
Farm managers	117	19	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Farmers and farm managers—allocated	333	–	11	11	–	–	2 500	–	122	–	–	–	–	–	82	–
Farm laborers and farm foremen	**34 619**	**15**	**387**	**156**	**105**	**126**	**105**	**2 088**	**18 597**	**43**	**75**	**20**	–	**55**	**40**	**870**
Farm foremen	273	–	75	34	17	24	–	–	130	–	–	–	–	–	–	–
Farm laborers, wage workers	26 747	–	254	100	69	85	–	562	17 394	–	54	20	–	34	–	386
Farm laborers, unpaid family workers	–	–	–	–	–	–	–	1 288	–	–	–	–	–	–	–	429
Farm service laborers, self-employed	–	–	–	–	–	–	85	–	–	–	–	–	–	–	40	–
Farm laborers and farm foremen—allocated	7 599	15	58	22	19	17	20	238	1 073	43	21	–	–	21	–	55
Service workers, except private household	**591 816**	**2 188**	**227 908**	**37 149**	**73 072**	**117 687**	**29 425**	**1 306**	**147 957**	**670**	**29 079**	**3 960**	**8 361**	**16 758**	**8 086**	**1 198**
Cleaning service workers	156 983	337	47 876	9 051	14 553	24 272	1 218	80	29 714	23	4 218	653	1 207	2 358	281	57
Chambermaids and maids, except private household	61 686	55	13 206	989	5 224	6 993	187	21	12 079	–	671	61	266	344	63	39
Cleaners and charwomen	72 467	140	18 607	4 433	5 539	8 635	813	–	12 299	–	1 782	295	560	927	133	–
Janitors and sextons	22 830	142	16 063	3 629	3 790	8 644	218	59	5 336	23	1 765	297	381	1 087	85	18
Food service workers	168 363	336	57 184	9 217	16 688	31 279	2 838	738	52 000	319	9 126	1 137	2 585	5 404	1 825	794
Bartenders	1 067	–	86	43	–	43	167	19	401	–	20	–	–	20	161	15
Busboys	3 034	–	176	122	–	54	–	–	695	–	119	22	11	86	–	–
Cooks, except private household	78 002	173	30 321	3 596	8 315	18 410	1 711	443	12 258	104	3 207	375	832	2 000	972	392
Dishwashers	10 277	12	1 803	422	591	790	40	–	3 247	–	538	24	232	282	23	–
Food counter and fountain workers	7 204	–	3 876	628	1 433	1 815	46	20	2 774	–	1 048	159	256	633	40	22

[1]Originally reported as "Self-employed in own incorporated business"—see text.

Table 44. Class of Worker of Employed Negroes and Persons of Spanish Origin by Detailed Occupation and Sex: 1970—Continued

[Total employed Negroes shown in table 41, total employed persons of Spanish origin shown in table 42. Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Negro								Persons of Spanish origin							
	Wage and salary workers								Wage and salary workers							
	Private wage and salary workers		Government workers						Private wage and salary workers		Government workers					
	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers	Total	Employee of own corporation[1]	Total	Federal	State	Local	Self-employed workers	Unpaid family workers
Female, 16 years old and over—Continued																
Service workers, except private household—Continued																
Food service workers—Continued																
Waiters	41 316	134	3 750	1 217	1 271	1 262	751	239	24 565	215	779	261	312	206	589	307
Food service workers, n.e.c., except private household	27 463	17	17 172	3 189	5 078	8 905	123	17	8 060	–	3 415	296	942	2 177	40	58
Health service workers	149 385	119	74 203	10 624	30 287	33 292	2 277	53	31 164	19	7 819	851	3 087	3 881	357	198
Dental assistants	2 486	–	485	158	135	192	–	28	2 911	–	107	49	17	41	–	–
Health aides, except nursing	12 628	–	6 816	1 446	2 493	2 877	–	–	3 179	–	797	77	355	365	–	36
Health trainees	772	–	435	215	36	184	–	–	299	–	36	–	–	36	–	–
Lay midwives	160	–	58	35	–	23	85	–	36	–	22	–	–	22	21	–
Nursing aides, orderlies, and attendants	100 270	82	51 805	6 056	23 702	22 047	827	–	18 258	19	5 151	538	2 285	2 328	148	100
Practical nurses	33 069	37	14 604	2 714	3 921	7 969	1 365	25	6 481	–	1 706	187	430	1 089	188	62
Personal service workers	43 279	990	19 696	3 927	5 281	10 488	19 378	206	23 160	261	4 561	974	1 037	2 550	5 158	108
Airline stewardesses	818	–	32	32	–	–	–	–	706	–	–	–	–	–	–	–
Attendants, recreation and amusement	637	–	801	125	134	542	18	–	345	–	94	–	18	76	–	–
Attendants, personal service, n.e.c	3 906	22	1 794	127	356	1 311	223	17	719	41	158	21	61	76	–	–
Baggage porters and bellhops	132	–	–	–	–	–	–	–	34	–	–	–	–	–	–	–
Barbers	1 132	–	21	21	–	–	933	–	99	–	–	–	–	–	183	–
Boarding and lodging house keepers	175	–	21	–	–	21	304	–	40	–	–	–	–	–	90	–
Bootblacks	50	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Child care workers, except private household	7 387	81	8 161	1 909	2 792	3 460	2 102	37	1 945	–	1 989	438	585	966	534	21
Elevator operators	3 448	–	815	252	78	485	–	–	659	–	38	–	–	38	–	–
Hairdressers and cosmetologists	17 120	887	441	66	269	106	15 755	108	16 229	220	108	35	19	54	4 351	87
Personal service apprentices	46	–	–	–	–	–	–	–	72	–	–	–	–	–	–	–
Housekeepers, except private household	6 939	–	2 552	397	1 095	1 060	43	44	2 053	–	408	121	106	181	–	–
School monitors	357	–	1 504	43	105	1 356	–	–	51	–	911	42	83	786	–	–
Ushers, recreation and amusement	144	–	–	–	–	–	–	–	60	–	20	20	–	–	–	–
Welfare service aides	1 034	–	3 554	955	452	2 147	–	–	220	–	835	297	165	373	–	–
Protective service workers	1 350	–	6 519	375	699	5 445	–	–	438	–	1 132	16	109	1 007	–	–
Crossing guards and bridge tenders	217	–	3 220	13	–	3 207	–	–	44	–	803	–	60	743	–	–
Firemen, fire protection	–	–	70	21	–	49	–	–	18	–	–	–	–	–	–	–
Guards and watchmen	781	–	1 686	273	631	782	–	–	250	–	69	–	49	20	–	–
Marshals and constables	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Policemen and detectives	352	–	1 388	68	46	1 274	–	–	126	–	260	16	–	244	–	–
Public	–	–	1 388	68	46	1 274	–	–	–	–	260	16	–	244	–	–
Private	352	–	–	–	–	–	–	–	126	–	–	–	–	–	–	–
Sheriffs and bailiffs	–	–	155	–	22	133	–	–	–	–	–	–	–	–	–	–
Service workers, except private household—allocated	72 456	406	22 430	3 955	5 564	12 911	3 714	229	11 481	48	2 223	329	336	1 558	465	41
Private household workers	**593 757**	**212**	**644**	**226**	**124**	**294**	**1 480**	**57**	**46 565**	–	**21**	–	**21**	–	**216**	–
Occupation:																
Child care workers, private household	27 164	–	–	–	–	–	25	–	6 366	–	–	–	–	–	37	–
Cooks, private household	19 213	–	–	–	–	–	52	–	1 208	–	–	–	–	–	–	–
Housekeepers, private household	39 296	–	–	–	–	–	19	–	7 166	–	–	–	–	–	–	–
Laundresses, private household	3 278	–	–	–	–	–	765	20	174	–	–	–	–	–	121	–
Maids and servants, private household	423 556	22	–	–	–	–	195	–	28 437	–	–	–	–	–	–	–
Private household workers—allocated	81 250	190	644	226	124	294	424	37	3 214	–	21	–	21	–	58	–
Living arrangement:																
Living in	16 752	–	–	–	–	–	–	–	9 451	–	–	–	–	–	–	–
Housekeepers, private household	3 265	–	–	–	–	–	–	–	2 180	–	–	–	–	–	–	–
Maids and servants, private household	11 126	–	–	–	–	–	–	–	6 111	–	–	–	–	–	–	–
Living out	577 005	212	644	226	124	294	1 480	57	37 114	–	21	–	21	–	216	–

[1] Originally reported as "Self-employed in own incorporated business" - see text

Table 45. Employed Persons by Hours Worked, Detailed Occupation, and Sex: 1970

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total employed persons	At work									With a job, but not at work
		Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 to 59 hours	60 hours or more	Average (mean) hours	
Male, 16 years old and over	**47 730 661**	**46 458 794**	**1 844 065**	**2 586 127**	**2 316 135**	**2 302 197**	**20 154 374**	**8 175 651**	**4 689 067**	**4 391 178**	**42.2**	**1 271 867**
Professional, technical, and kindred workers	**6 875 878**	**6 688 647**	**224 368**	**307 086**	**336 295**	**508 975**	**2 861 410**	**1 150 965**	**661 754**	**637 794**	**42.4**	**187 231**
Accountants	531 518	524 849	8 665	15 143	19 747	57 771	224 127	94 351	55 211	49 834	43.4	6 669
Architects	54 194	53 109	1 199	1 531	1 428	4 022	20 749	12 199	6 874	5 107	44.1	1 085
Computer specialists	209 018	206 153	2 738	6 700	10 439	22 093	103 988	36 209	15 476	8 510	41.4	2 865
Computer programers	126 535	124 816	2 214	4 868	6 648	13 317	62 764	20 866	9 420	4 719	40.9	1 719
Computer systems analysts	71 165	70 211	459	1 656	3 343	7 843	35 367	13 264	5 164	3 115	41.9	954
Computer specialists, n.e.c	11 318	11 126	65	176	448	933	5 857	2 079	892	676	42.8	192
Engineers	1 213 071	1 190 116	8 969	21 651	53 304	68 728	670 987	222 089	94 226	50 162	42.2	22 955
Aeronautical and astronautical	67 235	65 680	481	1 040	4 232	993	44 004	10 226	2 973	1 731	41.2	1 555
Chemical	53 170	52 119	332	1 077	2 956	2 855	31 459	8 531	2 958	1 951	41.5	1 051
Civil	173 775	171 067	1 379	3 335	4 406	13 499	97 259	29 786	13 671	7 732	42.2	2 708
Electrical and electronic	280 429	275 666	1 475	4 865	12 727	20 301	157 520	49 169	19 993	9 616	41.9	4 763
Industrial	185 389	182 026	1 379	3 150	9 024	9 523	98 437	37 806	15 805	6 902	42.3	3 363
Mechanical	179 457	174 706	1 250	3 174	9 875	7 922	99 826	31 260	14 448	6 951	42.1	4 751
Metallurgical and materials	15 944	15 577	116	284	1 020	743	9 283	2 973	885	273	41.1	367
Mining	4 639	4 555	65	78	117	34	2 444	948	454	415	44.2	84
Petroleum	11 297	11 019	37	122	327	314	5 394	1 927	1 266	1 632	46.2	278
Sales	58 765	57 947	288	728	1 348	2 939	23 880	16 828	7 483	4 453	44.9	818
Engineers, n.e.c	182 971	179 754	2 167	3 798	7 272	9 605	101 481	32 635	14 290	8 506	42.2	3 217
Farm management advisors	7 323	7 217	86	25	112	65	2 758	1 601	1 397	1 173	48.0	106
Foresters and conservationists	38 660	37 599	576	977	709	698	24 400	4 425	2 794	3 020	42.8	1 061
Home management advisors	155	155	–	54	–	23	44	15	–	19	...	–
Lawyers and judges	263 506	258 292	6 094	8 163	8 934	19 937	64 228	71 660	45 560	33 716	45.8	5 214
Judges	12 281	11 873	388	520	919	973	3 807	2 861	1 121	1 284	43.0	408
Lawyers	251 225	246 419	5 706	7 643	8 015	18 964	60 421	68 799	44 439	32 432	45.9	4 806
Librarians, archivists, and curators	27 323	26 346	4 141	3 682	1 038	3 874	8 521	3 194	1 017	879	33.6	977
Librarians	22 520	21 770	3 763	3 310	901	3 486	6 831	2 310	634	535	32.3	750
Archivists and curators	4 803	4 576	378	372	137	388	1 690	884	383	344	39.7	227
Mathematical specialists	23 515	23 079	499	1 297	1 232	3 982	12 010	2 541	1 144	374	38.9	436
Actuaries	3 867	3 829	58	228	190	1 638	802	615	213	85	38.6	38
Mathematicians	5 971	5 903	178	80	220	477	3 967	612	305	64	39.8	68
Statisticians	13 677	13 347	263	989	822	1 867	7 241	1 314	626	225	38.6	330
Life and physical scientists	178 869	175 709	2 482	5 032	7 486	11 760	101 566	27 091	11 914	8 378	41.6	3 160
Agricultural	11 625	11 520	265	581	285	247	5 427	2 125	1 263	1 327	43.9	105
Atmospheric and space	5 269	5 231	19	77	102	10	3 647	822	384	170	42.3	38
Biological	19 028	18 719	315	870	522	1 282	9 608	3 281	1 734	1 107	42.1	309
Chemists	97 166	95 363	1 198	2 059	4 873	8 035	57 092	14 069	5 109	2 928	40.9	1 803
Geologists	19 811	19 367	388	473	840	826	10 827	2 911	1 585	1 517	42.6	444
Marine	3 207	3 048	–	82	80	106	2 111	377	164	128	41.8	159
Physicists and astronomers	21 712	21 433	297	850	764	1 232	12 272	3 358	1 535	1 125	41.7	279
Life and physical, n.e.c	1 051	1 028	–	40	20	22	582	148	140	76	43.8	23
Operations and systems researchers and analysts	71 787	70 394	345	1 237	3 566	7 336	39 481	11 927	4 510	1 992	41.4	1 393
Personnel and labor relations workers	200 950	197 134	1 460	3 030	6 325	17 463	89 812	43 525	21 628	13 891	43.7	3 816
Physicians, dentists, and related practitioners	494 779	482 915	11 175	18 626	17 578	27 073	71 583	95 906	86 235	154 739	50.8	11 864
Chiropractors	12 359	12 027	545	1 001	1 073	1 366	2 467	2 589	1 688	1 298	42.0	332
Dentists	89 800	87 683	2 212	4 984	6 514	13 061	21 506	23 286	10 632	5 488	41.9	2 117
Optometrists	16 797	16 615	280	555	948	2 159	3 586	5 517	2 506	1 064	43.7	182
Pharmacists	97 181	95 637	3 189	5 100	2 549	3 253	16 235	26 768	18 932	19 611	47.8	1 544
Physicians, medical and osteopathic	254 854	247 615	4 271	6 214	5 560	6 098	24 642	33 748	48 236	118 846	56.0	7 239
Podiatrists	5 391	5 296	78	266	461	623	1 208	1 290	837	533	43.8	95
Veterinarians	17 985	17 652	480	486	430	473	1 879	2 687	3 359	7 858	54.6	333
Health practitioners, n.e.c	412	390	120	20	43	40	60	21	45	41	...	22
Registered nurses, dietitians, and therapists	52 610	51 186	1 429	2 788	1 673	2 685	28 110	7 046	3 539	3 916	41.5	1 424
Dietitians	3 039	2 978	61	208	118	169	1 605	400	174	243	41.4	61
Registered nurses	21 983	21 206	712	1 159	663	593	12 080	2 603	1 329	2 067	41.9	777
Therapists	27 588	27 002	656	1 421	892	1 923	14 425	4 043	2 036	1 606	41.3	586

Table 45. Employed Persons by Hours Worked, Detailed Occupation, and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total employed persons	At work									With a job, but not at work
		Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 to 59 hours	60 hours or more	Average (mean) hours	
Male, 16 years old and over—Con.												
Professional, technical, and kindred workers—Con.												
Health technologists and technicians	79 189	77 433	5 181	5 484	2 070	4 344	33 803	13 801	7 045	5 705	40.5	1 756
Clinical laboratory technologists and technicians	33 526	32 779	2 249	2 597	1 122	1 518	14 382	5 891	2 699	2 321	40.0	747
Dental hygienists	1 177	1 177	39	52	89	92	334	233	190	148	44.1	–
Health record technologists and technicians	692	648	58	59	–	129	321	44	37	–	35.8	44
Radiologic technologists and technicians	16 777	16 454	387	725	293	850	7 497	3 742	1 853	1 107	42.8	323
Therapy assistants	862	837	57	64	–	67	501	78	25	45	38.6	25
Health technologists and technicians, n.e.c	26 155	25 538	2 391	1 987	566	1 688	10 768	3 813	2 241	2 084	39.5	617
Religious workers	231 270	228 526	10 388	7 542	4 878	4 049	31 263	29 728	40 019	100 659	53.5	2 744
Clergymen	215 689	213 294	8 848	6 314	4 527	3 419	28 729	27 043	38 109	96 305	54.1	2 395
Religious workers, n.e.c	15 581	15 232	1 540	1 228	351	630	2 534	2 685	1 910	4 354	45.9	349
Social scientists	89 508	87 739	1 779	4 522	4 197	9 901	36 803	17 164	8 116	5 257	41.7	1 769
Economists	58 709	57 742	930	1 846	2 918	6 778	25 174	11 488	5 558	3 050	42.0	967
Political scientists	698	698	60	46	–	20	251	46	137	138	44.6	–
Psychologists	18 258	17 637	498	1 816	810	1 658	6 228	3 529	1 709	1 389	41.1	621
Sociologists	911	911	19	72	23	77	346	210	83	81	42.4	–
Urban and regional planners	8 208	8 116	194	424	384	1 191	3 415	1 555	562	391	40.7	92
Social scientists, n.e.c	2 724	2 635	78	318	62	177	1 389	336	67	208	39.7	89
Social and recreation workers	111 050	108 471	6 284	6 420	3 573	14 093	48 680	15 118	7 802	6 501	39.7	2 579
Social	81 162	79 524	1 624	2 889	2 654	12 576	40 283	10 596	4 849	4 053	40.8	1 638
Recreation	29 888	28 947	4 660	3 531	919	1 517	8 397	4 522	2 953	2 448	36.8	941
Teachers, college and university	352 429	329 883	38 332	41 914	15 835	15 888	86 268	52 919	39 596	39 131	39.3	22 546
Agriculture	4 865	4 703	118	381	185	63	1 574	895	962	525	44.3	162
Atmospheric, earth, marine, and space	4 223	3 975	584	440	64	230	914	589	630	524	39.6	248
Biology	15 871	15 092	1 477	1 747	523	539	3 806	3 100	2 015	1 885	40.8	779
Chemistry	13 522	12 663	1 418	1 090	410	450	2 992	2 226	2 009	2 068	42.2	859
Physics	13 542	12 461	1 467	1 592	531	401	3 346	1 856	1 642	1 626	39.7	1 081
Engineering	15 985	15 369	1 074	1 653	777	780	5 034	2 556	2 041	1 454	40.6	616
Mathematics	20 757	18 742	2 749	2 509	1 258	1 020	5 740	2 574	1 685	1 207	35.9	2 015
Health specialties	14 767	14 162	423	782	229	553	3 138	3 089	2 627	3 321	48.2	605
Psychology	9 002	8 760	643	942	352	502	2 319	1 631	1 295	1 076	41.7	242
Business and commerce	9 473	8 580	661	915	416	618	2 732	1 248	1 171	819	40.2	893
Economics	9 257	8 733	817	1 010	450	573	2 606	1 350	1 014	913	39.6	524
History	13 966	12 781	1 318	1 507	565	854	3 254	2 047	1 430	1 806	40.4	1 185
Sociology	5 190	4 833	451	530	224	202	1 153	884	455	934	42.3	357
Social science teachers, n.e.c	9 973	9 385	771	1 068	614	498	2 193	1 737	1 168	1 336	41.3	588
Art, drama, and music	19 859	18 334	2 259	2 794	1 554	1 061	4 174	2 494	1 907	2 091	37.7	1 525
Coaches and physical education	12 516	12 065	1 213	1 377	546	424	2 655	2 046	1 924	1 880	41.7	451
Education	5 343	4 915	230	338	161	284	1 380	965	939	618	44.0	428
English	22 791	20 715	2 256	2 255	1 238	1 332	5 422	3 386	2 250	2 576	39.7	2 076
Foreign language	11 186	10 422	2 090	1 850	693	534	2 436	1 166	711	942	33.7	764
Home economics	329	329	–	–	20	21	67	113	108	–	...	–
Law	2 808	2 702	130	217	92	67	785	512	371	528	45.2	106
Theology	4 289	3 982	299	308	116	169	862	827	640	761	44.6	307
Trade, industrial, and technical	2 725	2 601	143	117	167	171	1 109	453	193	248	41.4	124
Miscellaneous teachers, college and university	14 096	12 954	1 355	1 900	598	686	2 967	2 417	1 534	1 497	39.3	1 142
Teachers, college and university, subject not specified	96 094	90 625	14 386	14 592	4 052	3 856	23 610	12 758	8 875	8 496	36.2	5 469
Teachers, except college and university	813 269	765 160	29 732	48 709	61 496	99 069	276 665	128 362	73 336	47 791	40.5	48 109
Adult education	26 967	26 018	1 144	1 246	1 758	1 852	12 215	3 854	2 240	1 709	40.8	949
Elementary school	231 024	217 427	7 271	14 839	20 294	29 821	83 214	31 951	17 624	12 413	39.9	13 597
Public	194 452	182 902	5 301	11 719	17 555	26 201	71 570	26 570	14 539	9 447	39.9	11 550
Private	36 572	34 525	1 970	3 120	2 739	3 620	11 644	5 381	3 085	2 966	40.0	2 047
Prekindergarten and kindergarten	2 246	2 180	152	454	131	149	917	167	132	78	35.3	66
Public	1 157	1 091	44	181	75	74	599	83	19	16	35.8	66
Private	1 089	1 089	108	273	56	75	318	84	113	62	34.8	–

Table 45. **Employed Persons by Hours Worked, Detailed Occupation, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total employed persons	At work									With a job, but not at work
		Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 to 59 hours	60 hours or more	Average (mean) hours	
Male, 16 years old and over—Con.												
Professional, technical, and kindred workers—Con.												
Teachers, except college and university—Continued												
Secondary school	507 957	475 643	12 792	26 899	36 058	64 274	168 144	86 933	50 013	30 530	41.2	32 314
Public	433 329	405 708	9 618	21 914	31 822	56 344	143 587	74 500	42 772	25 151	41.3	27 621
Private	74 628	69 935	3 174	4 985	4 236	7 930	24 557	12 433	7 241	5 379	40.9	4 693
Teachers, except college and university, n.e.c.	45 075	43 892	8 373	5 271	3 255	2 973	12 175	5 457	3 327	3 061	34.5	1 183
Engineering and science technicians	731 409	717 513	16 731	25 963	29 701	33 901	426 777	106 461	52 168	25 811	40.9	13 896
Agriculture and biological, except health	21 985	21 425	947	1 562	581	1 017	9 621	3 326	2 171	2 200	42.0	560
Chemical	50 819	49 471	1 451	1 543	2 125	2 151	30 493	6 979	2 818	1 911	40.7	1 348
Draftsmen	268 562	264 449	4 463	10 749	11 649	16 053	154 900	39 270	20 560	6 805	40.7	4 113
Electrical and electronic engineering	150 934	148 287	1 982	3 832	5 265	5 257	92 310	23 255	10 802	5 584	41.6	2 647
Industrial engineering	18 712	18 362	137	143	975	519	11 413	3 140	1 396	639	42.1	350
Mechanical engineering	13 133	12 832	95	217	1 077	276	7 870	2 182	752	363	41.3	301
Mathematical	578	578	20	20	–	16	408	42	52	20	40.7	–
Surveyors	56 779	55 623	1 220	1 923	1 614	1 688	34 408	8 113	3 897	2 760	41.5	1 156
Engineering and science, n.e.c.	149 907	146 486	6 416	5 974	6 415	6 924	85 354	20 154	9 720	5 529	40.1	3 421
Technicians, except health, and engineering and science	139 820	134 101	6 873	14 080	6 687	5 637	60 600	19 758	9 593	10 873	40.0	5 719
Airplane pilots	51 374	48 470	4 665	10 139	4 258	2 776	12 022	5 823	3 888	4 899	36.7	2 904
Air traffic controllers	24 144	23 166	422	577	357	256	15 901	4 057	976	620	41.2	978
Embalmers	4 759	4 654	233	251	120	172	1 099	785	663	1 331	48.2	105
Flight engineers	6 371	6 016	539	1 018	554	436	2 204	601	315	349	35.9	355
Radio operators	20 556	19 901	267	1 192	498	673	9 670	4 077	1 743	1 781	43.1	655
Tool programers, *numerical control*	2 467	2 402	19	58	156	99	1 321	401	231	117	42.3	65
Technicians, n.e.c.	30 149	29 492	728	845	744	1 225	18 383	4 014	1 777	1 776	41.6	657
Vocational and educational counselors	59 234	56 354	3 468	4 574	2 840	5 284	21 726	10 652	4 473	3 337	39.6	2 880
Writers, artists, and entertainers	531 785	520 747	43 272	39 242	28 408	52 166	183 133	87 275	47 561	39 690	39.5	11 038
Actors	5 567	5 251	1 024	976	421	234	1 040	732	401	423	33.6	316
Athletes and kindred workers	36 115	34 582	5 320	3 003	1 837	1 468	6 905	5 125	4 367	6 557	40.9	1 533
Authors	17 322	16 993	678	1 291	1 341	1 226	7 714	2 414	1 122	1 207	40.1	329
Dancers	1 005	981	149	140	189	41	184	127	112	39	34.1	24
Designers	83 227	81 818	806	2 368	3 625	7 771	40 093	15 053	8 315	3 787	42.2	1 409
Editors and reporters	89 008	87 528	3 610	4 592	2 870	12 995	30 721	17 728	8 660	6 352	41.4	1 480
Musicians and composers	58 528	57 031	19 709	12 538	6 701	3 692	6 885	3 366	2 104	2 036	25.4	1 497
Painters and sculptors	65 934	64 858	2 494	3 358	3 707	9 212	25 360	10 703	5 537	4 487	40.9	1 076
Photographers	55 147	54 088	2 736	3 447	2 044	5 887	19 830	9 810	5 357	4 977	41.5	1 059
Public relations men and publicity writers	54 638	53 708	1 302	1 662	1 865	5 255	21 513	11 952	5 964	4 195	43.0	930
Radio and television announcers	20 361	20 069	2 003	2 204	963	1 269	5 284	4 456	2 519	1 371	39.0	292
Writers, artists, and entertainers, n.e.c.	44 933	43 840	3 441	3 663	2 845	3 116	17 604	5 809	3 103	4 259	39.6	1 093
Research workers, not specified	87 263	84 787	6 390	10 849	3 870	6 398	35 324	10 843	5 875	5 238	37.9	2 476
Professional, technical, and kindred workers—allocated	282 374	273 680	6 080	7 851	39 169	10 735	158 004	25 105	14 645	12 091	40.0	8 694
Managers and administrators, except farm	**5 325 901**	**5 216 314**	**75 470**	**106 995**	**136 460**	**248 500**	**1 630 460**	**1 213 593**	**874 362**	**930 474**	**47.5**	**109 587**
Assessors, controllers, and treasurers; local public administration	17 348	17 031	882	711	732	2 046	8 625	1 966	1 319	750	39.7	317
Bank officers and financial managers	258 709	254 297	2 447	3 524	5 227	32 398	95 000	73 626	28 281	13 794	43.5	4 412
Buyers and shippers, farm products	20 196	19 835	652	877	769	655	4 844	3 672	3 429	4 737	48.0	361
Buyers, wholesale and retail trade	125 631	123 715	1 368	1 952	2 266	5 858	34 219	36 435	23 906	17 711	47.4	1 916
Credit men	44 902	44 218	352	690	852	4 164	16 776	12 540	6 319	2 525	44.1	684
Funeral directors	33 171	32 585	759	1 100	628	516	6 528	5 204	5 707	12 143	52.4	586
Health administrators	46 755	46 167	585	791	824	2 384	18 646	10 028	6 562	6 347	46.1	588
Construction inspectors, public administration	18 731	18 228	499	203	495	1 803	12 349	1 719	776	384	40.0	503
Inspectors, except construction; public administration	76 080	74 006	888	1 239	1 647	4 217	45 338	11 144	6 096	3 437	42.2	2 074
Federal public administration and postal service	47 443	46 026	443	741	928	1 179	28 733	7 331	4 654	2 017	42.7	1 417
State public administration	19 114	18 687	233	277	398	1 763	10 816	3 050	1 161	989	42.1	427
Local public administration	9 523	9 293	212	221	321	1 275	5 789	763	281	431	40.2	230
Managers and superintendents, building	50 367	49 010	3 771	3 420	2 360	2 332	16 968	9 303	4 344	6 512	41.8	1 357
Office managers, n.e.c.	129 097	127 190	1 068	1 728	1 859	10 713	49 050	36 023	17 216	9 533	44.7	1 907
Officers, pilots, and pursers, ship	23 879	21 468	606	763	583	804	4 680	2 896	2 559	8 577	52.0	2 411

Table 45. Employed Persons by Hours Worked, Detailed Occupation, and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total employed persons	At work									With a job, but not at work
		Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 to 59 hours	60 hours or more	Average (mean) hours	
Male, 16 years old and over—Con.												
Managers and administrators, except farm—Con.												
Officials and administrators, public administration, n.e.c	194 645	191 272	2 979	4 414	4 534	11 600	109 699	29 303	15 279	13 464	42.6	3 373
Federal public administration and postal service	97 605	96 011	531	1 524	2 225	3 177	65 157	12 982	6 230	4 185	42.1	1 594
State public administration	40 819	39 759	356	750	662	4 385	20 300	5 934	3 249	4 123	43.7	1 060
Local public administration	56 221	55 502	2 092	2 140	1 647	4 038	24 242	10 387	5 800	5 156	42.7	719
Officials of lodges, societies, and unions	40 140	39 548	969	1 020	932	2 392	13 598	8 143	6 610	5 884	46.0	592
Postmasters and mail superintendents	23 964	23 317	119	149	303	335	14 630	4 270	1 590	1 921	43.9	647
Purchasing agents and buyers, n.e.c	140 076	137 613	1 071	2 108	4 469	9 780	75 890	28 213	10 769	5 313	42.3	2 463
Railroad conductors	40 701	38 659	488	754	1 178	927	13 299	6 551	6 184	9 278	48.9	2 042
Restaurant, cafeteria, and bar managers	213 572	208 921	3 896	5 307	4 392	4 363	29 869	32 298	40 221	88 575	54.4	4 651
Sales managers and department heads, retail trade	160 848	158 468	1 180	1 857	1 599	3 650	42 640	50 405	34 375	22 762	48.3	2 380
Sales managers, except retail trade	245 741	241 564	1 678	2 511	4 106	11 497	74 087	71 002	46 967	29 716	47.1	4 177
School administrators, college	29 726	29 273	459	1 153	866	1 566	8 304	6 914	4 916	5 095	46.9	453
School administrators, elementary and secondary	125 918	121 007	1 828	3 725	3 854	6 871	33 881	34 812	21 354	14 682	46.0	4 911
Managers and administrators, n.e.c., salaried	2 312 560	2 268 948	25 422	38 765	46 338	102 140	663 662	591 900	436 667	364 054	47.7	43 612
Construction	234 925	229 321	2 736	4 415	4 928	6 932	95 740	49 282	33 759	31 529	46.1	5 604
Durable goods manufacturing	360 483	353 909	2 578	4 603	9 968	11 894	124 478	99 770	63 232	37 386	46.2	6 574
Nondurable goods, incl. not specified manufacturing	254 863	249 871	2 310	3 774	6 133	17 128	76 595	71 121	43 489	29 321	46.3	4 992
Transportation	116 052	113 144	1 097	1 550	1 819	3 754	37 570	28 504	20 511	18 339	47.7	2 908
Communications, and utilities and sanitary services	90 608	88 790	1 042	961	2 001	6 282	39 259	21 200	11 097	6 948	44.3	1 818
Wholesale trade	214 289	210 339	2 030	3 369	3 461	9 353	58 877	59 308	42 915	31 026	47.7	3 950
Retail trade	569 542	560 626	5 538	8 232	6 058	8 083	99 682	153 356	145 343	134 334	51.2	8 916
Hardware, farm equipment, and building material retailing	47 283	46 447	414	532	269	382	7 176	14 462	13 482	9 730	51.1	836
General merchandise stores	74 688	73 681	422	829	559	1 809	18 901	21 081	18 128	11 952	49.1	1 007
Food stores	121 903	120 198	1 047	1 596	1 247	1 104	21 612	31 227	30 332	32 033	51.9	1 705
Motor vehicles and accessories retailing	95 607	93 913	709	886	810	782	14 521	29 763	26 531	19 911	51.2	1 694
Gasoline service stations	63 142	62 432	1 142	1 690	956	583	8 736	9 503	12 463	27 359	55.0	710
Apparel and accessories stores	38 247	37 513	571	533	476	874	6 110	11 778	11 079	6 092	49.5	734
Furniture, home furnishings, and equipment stores	36 123	35 441	260	532	386	438	6 203	9 947	10 489	7 186	50.8	682
Other retail trade	92 549	91 001	973	1 634	1 355	2 111	16 423	25 595	22 839	20 071	50.5	1 548
Finance, insurance and real estate	131 286	128 934	1 786	2 779	3 735	19 895	39 029	30 825	17 775	13 110	44.5	2 352
Business and repair services	110 569	108 829	1 538	1 773	2 595	6 680	29 876	28 304	21 261	16 802	47.4	1 740
Personal services	60 359	59 089	1 359	1 599	1 344	1 455	11 936	12 852	10 890	17 654	50.8	1 270
All other industries[1]	169 584	166 096	3 408	5 710	4 296	10 684	50 620	37 378	26 395	27 605	46.5	3 488
Managers and administrators, n.e.c., self-employed	763 095	744 983	19 172	25 441	23 256	18 865	128 651	125 725	131 088	272 785	52.1	18 112
Construction	137 494	132 770	4 252	7 383	7 664	4 919	41 478	25 735	18 645	22 694	45.3	4 724
Durable goods manufacturing	35 945	34 893	971	1 834	1 083	1 146	8 292	7 267	6 129	8 171	48.1	1 052
Nondurable goods, incl. not specified manufacturing	24 580	23 972	567	767	701	1 090	5 345	5 027	4 301	6 174	49.3	608
Transportation	18 367	17 958	569	903	650	471	3 783	2 837	3 172	5 573	49.9	409
Communications, and utilities and sanitary services	2 031	2 012	131	95	89	–	387	347	378	585	48.6	19
Wholesale trade	52 088	51 006	1 617	2 051	1 582	1 754	10 636	10 867	9 510	12 989	48.9	1 082
Retail trade	346 644	340 056	5 678	5 735	5 601	4 753	33 512	48 088	66 037	170 652	56.9	6 588
Hardware, farm equipment, and building material retailing	26 868	26 445	388	302	467	310	2 860	5 577	6 452	10 089	54.6	423
General merchandise stores	15 934	15 671	315	326	465	375	1 790	2 521	3 112	6 767	54.7	263
Food stores	84 545	83 039	1 336	1 402	1 015	978	6 926	8 244	13 172	49 966	59.1	1 506
Motor vehicles and accessories retailing	23 643	23 253	219	487	505	479	2 611	4 219	5 609	9 124	54.6	390
Gasoline service stations	96 902	95 205	1 170	812	831	585	5 566	7 159	14 743	64 339	61.4	1 697
Apparel and accessories stores	14 445	14 082	163	309	335	543	1 807	3 650	4 188	3 087	50.6	363
Furniture, home furnishings, and equipment stores	23 448	22 872	370	443	439	171	3 143	5 741	5 830	6 735	52.3	576
Other retail trade	60 859	59 489	1 717	1 654	1 544	1 312	8 809	10 977	12 931	20 545	52.2	1 370
Finance, insurance, and real estate	20 393	19 669	886	1 771	1 586	1 168	4 341	3 996	2 710	3 211	43.7	724
Business and repair services	45 851	45 136	1 434	1 896	1 458	1 420	8 465	9 661	8 386	12 416	49.5	715
Personal services	47 114	46 022	1 737	1 257	1 524	1 121	6 770	6 445	6 969	20 199	53.4	1 092
All other industries[1]	32 588	31 489	1 330	1 749	1 318	1 023	5 642	5 455	4 851	10 121	49.5	1 099
Managers and administrators, except farm—allocated	190 049	184 991	2 332	2 793	22 391	6 624	109 227	19 301	11 828	10 495	41.3	5 058

[1] Includes transportation, communications, and other public utilities—allocated.

Table 45. Employed Persons by Hours Worked, Detailed Occupation, and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total employed persons	At work									With a job, but not at work
		Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 to 59 hours	60 hours or more	Average (mean) hours	
Male, 16 years old and over—Con.												
Sales workers	**3 290 269**	**3 226 640**	**158 440**	**200 105**	**139 982**	**175 014**	**1 017 836**	**713 595**	**465 118**	**356 550**	**43.1**	**63 629**
Advertising agents and salesmen	51 709	50 646	1 193	1 724	1 731	5 190	20 511	12 103	4 929	3 265	42.5	1 063
Auctioneers	4 966	4 843	360	431	149	179	1 121	673	565	1 365	46.1	123
Demonstrators	3 675	3 556	364	360	76	308	821	720	413	494	41.0	119
Hucksters and peddlers	25 341	24 226	3 338	2 839	1 507	1 471	5 417	3 717	2 320	3 617	39.1	1 115
Insurance agents, brokers, and underwriters	401 910	394 812	8 938	12 451	17 347	41 013	114 335	88 489	62 657	49 582	45.0	7 098
Newsboys	53 733	52 834	31 618	8 065	1 445	1 709	4 186	2 174	1 602	2 035	19.4	899
Real estate agents and brokers	176 967	171 787	8 838	9 942	8 260	8 959	39 319	39 085	28 761	28 623	45.0	5 180
Stock and bond salesmen	89 649	87 595	2 399	4 715	5 865	11 690	30 524	16 964	9 361	6 077	41.6	2 054
Salesmen and sales clerks, n.e.c	2 318 423	2 278 038	97 810	154 888	77 860	100 061	706 113	537 316	347 939	256 051	43.5	40 385
Sales representatives, manufacturing industries	378 659	372 801	5 572	7 360	11 652	23 658	151 635	92 702	49 220	31 002	44.3	5 858
Sales representatives, wholesale trade	595 690	587 347	9 902	13 824	17 156	26 249	206 838	157 842	92 007	63 529	45.4	8 343
Sales clerks, retail trade	797 474	782 127	66 101	110 212	34 682	32 699	205 077	149 231	101 784	82 341	40.0	15 347
General merchandise stores	157 940	154 490	12 679	26 719	7 868	10 821	61 395	20 367	8 360	6 281	36.1	3 450
Food stores	121 603	118 642	10 383	17 698	5 169	3 020	27 932	18 862	14 324	21 254	41.6	2 961
Apparel and accessories stores	127 204	124 831	13 691	21 765	6 774	5 534	27 481	25 458	16 624	7 504	37.3	2 373
Other sales clerks, *retail trade*	390 727	384 164	29 348	44 030	14 871	13 324	88 269	84 544	62 476	47 302	41.9	6 563
Salesmen, retail trade	397 222	389 116	10 575	16 311	8 431	8 693	86 639	105 798	86 705	65 964	47.5	8 106
Motor vehicles and accessories dealers	205 354	201 474	3 247	4 732	3 402	4 045	41 742	52 799	47 965	43 542	49.8	3 880
Salesmen of services and construction	149 378	146 647	5 660	7 181	5 939	8 762	55 924	31 743	18 223	13 215	42.8	2 731
Sales workers—*allocated*	163 896	158 303	3 582	4 690	25 742	4 434	95 489	12 354	6 571	5 441	39.3	5 593
Clerical and kindred workers	**3 632 956**	**3 546 499**	**159 775**	**247 166**	**169 588**	**252 052**	**1 780 433**	**552 249**	**240 046**	**145 190**	**39.6**	**86 457**
Bank tellers	34 834	34 179	1 219	1 809	1 303	6 739	15 775	5 237	1 450	647	38.8	655
Billing clerks	19 035	18 672	322	1 149	572	1 303	9 402	3 489	1 620	815	41.3	363
Bookkeepers	278 213	273 196	11 258	15 411	10 442	26 079	120 092	49 335	23 487	17 092	40.9	5 017
Cashiers	132 575	129 417	17 654	34 921	10 317	7 590	35 189	12 690	6 295	4 761	31.9	3 158
Clerical assistants, *social welfare*	339	325	–	–	–	44	236	45	–	–	...	14
Clerical supervisors, n.e.c	63 426	62 181	442	1 160	1 745	6 127	36 295	9 328	4 767	2 317	41.8	1 245
Collectors, bill and account	32 731	32 194	1 430	2 003	1 282	2 210	12 803	6 699	3 717	2 050	41.4	537
Counter clerks, except food	73 480	71 896	5 391	8 749	3 710	4 388	27 625	12 539	5 990	3 504	38.2	1 584
Dispatchers and starters, vehicle	49 109	47 961	706	1 462	942	971	19 369	11 499	7 815	5 197	45.4	1 148
Enumerators and interviewers	13 481	13 249	1 102	2 378	953	1 062	4 900	1 445	753	656	35.9	232
Estimators and investigators, n.e.c	163 496	160 453	2 941	4 693	5 194	12 752	80 958	31 664	14 089	8 162	42.1	3 043
Expeditors and production controllers	156 234	153 126	1 251	2 629	6 782	7 706	87 279	30 318	11 940	5 221	42.0	3 108
File clerks	65 174	63 179	5 966	8 738	3 058	5 562	30 266	5 775	2 422	1 392	35.3	1 995
Insurance adjusters, examiners, and investigators	71 626	70 746	577	1 312	2 061	11 681	30 463	15 355	5 995	3 302	42.3	880
Library attendants and assistants	26 451	25 269	10 376	8 088	877	1 579	3 406	583	174	186	20.7	1 182
Mail carriers, post office	234 234	227 678	4 269	10 089	9 472	8 421	127 119	42 381	13 817	12 110	41.5	6 556
Mail handlers, except post office	70 572	68 944	6 122	8 436	2 814	9 163	29 611	7 780	3 076	1 942	36.0	1 628
Messengers, including telegraph, and office boys	44 226	42 985	5 956	8 935	2 456	4 804	15 093	3 389	1 503	849	32.2	1 241
Meter readers, *utilities*	32 188	31 684	518	728	680	725	22 078	3 742	1 569	1 644	41.6	504
Office machine operators	149 103	146 106	4 453	8 281	4 939	16 795	72 510	23 132	10 595	5 401	40.2	2 997
Bookkeeping and *billing machine*	6 731	6 591	134	622	402	1 001	2 914	868	370	280	39.2	140
Calculating machine	3 308	3 207	248	284	98	384	1 353	503	211	126	38.1	101
Computer and peripheral equipment	84 923	83 486	1 583	3 547	2 594	8 754	43 209	13 890	6 795	3 114	41.1	1 437
Duplicating machine	8 739	8 525	777	1 079	350	993	3 805	1 007	389	125	35.6	214
Keypunch	29 416	28 746	717	1 174	958	3 208	14 720	4 682	2 086	1 201	40.8	670
Tabulating machine	4 316	4 220	152	141	122	650	2 170	644	211	130	39.8	96
Office machine, n.e.c	11 670	11 331	842	1 434	415	1 805	4 339	1 538	533	425	36.8	339
Payroll and timekeeping clerks	48 231	47 050	846	1 547	1 950	3 120	24 959	8 830	3 892	1 906	41.6	1 181
Postal clerks	205 259	199 599	3 785	13 928	7 956	5 497	124 136	25 090	10 322	8 885	40.4	5 660
Proofreaders	7 627	7 434	530	819	320	2 579	1 726	938	347	175	35.9	193
Real estate appraisers	21 550	21 180	894	558	714	2 458	10 283	3 179	1 638	1 456	41.3	370
Receptionists	16 613	16 049	3 186	2 227	591	1 382	6 084	1 181	680	718	32.7	564

Table 45. Employed Persons by Hours Worked, Detailed Occupation, and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total employed persons	At work									With a job, but not at work
		Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 to 59 hours	60 hours or more	Average (mean) hours	
Male, 16 years old and over—Con.												
Clerical and kindred workers—Continued												
Secretaries	62 487	61 152	3 050	3 659	2 586	7 949	25 797	9 952	4 735	3 424	40.0	1 335
Secretaries, legal	1 289	1 289	42	59	40	284	672	151	41	–	38.1	–
Secretaries, medical	804	784	–	90	17	50	503	102	22	–	38.5	20
Shipping and receiving clerks	353 729	345 136	7 189	14 780	12 154	16 436	184 953	69 650	28 970	11 004	41.3	8 593
Statistical clerks	86 878	84 887	2 749	3 806	3 529	8 624	45 193	12 820	4 888	3 278	40.1	1 991
Stenographers	8 549	8 432	159	336	412	1 308	3 511	1 204	783	719	42.2	117
Stock clerks and storekeepers	351 589	343 098	15 430	30 231	16 231	16 312	182 885	50 713	21 593	9 703	38.8	8 491
Teacher aides, except school monitors	13 530	12 603	5 659	2 806	620	511	2 137	416	181	273	21.9	927
Telegraph operators	9 322	8 831	151	165	85	252	5 070	1 473	673	962	44.1	491
Telephone operators	23 175	22 391	2 597	1 874	528	972	11 021	3 163	1 475	761	37.0	784
Ticket, station, and express agents	62 714	60 524	638	1 264	1 099	2 025	34 711	13 477	4 510	2 800	42.6	2 190
Typists	57 220	55 877	4 014	4 440	2 557	6 428	28 495	5 893	2 481	1 569	37.4	1 343
Weighers	27 405	26 527	739	688	1 097	1 071	13 977	5 183	2 568	1 204	41.9	878
Miscellaneous and not specified clerical workers	363 741	356 037	21 133	26 759	15 233	32 476	174 695	49 977	22 457	13 307	38.7	7 704
Occupation:												
Miscellaneous clerical workers	166 533	163 090	8 914	9 132	7 104	15 384	80 369	24 915	10 512	6 760	39.4	3 443
Not specified clerical workers	197 208	192 947	12 219	17 627	8 129	17 092	94 326	25 062	11 945	6 547	38.1	4 261
Industry:												
Manufacturing	88 004	86 188	2 040	3 135	4 672	6 376	49 043	13 582	4 927	2 413	40.3	1 816
Transportation, communications, and other public utilities	60 052	58 749	1 169	1 899	1 858	3 838	33 516	9 133	4 581	2 755	41.5	1 303
Wholesale and retail trade	61 618	60 456	4 676	7 642	2 649	3 713	23 116	10 902	5 277	2 481	37.9	1 162
Finance, insurance, and real estate	38 678	37 941	1 377	2 906	2 038	9 789	15 234	4 222	1 645	730	37.7	737
Professional and related services	35 697	34 360	8 344	5 614	1 412	2 636	10 489	2 935	1 426	1 504	30.8	1 337
Public administration	46 293	45 486	1 274	2 069	1 389	3 475	29 316	4 325	1 891	1 747	39.9	807
All other industries	33 399	32 857	2 253	3 494	1 215	2 649	13 981	4 878	2 710	1 677	38.6	542
Clerical and kindred workers—allocated	202 810	196 252	5 073	6 308	32 327	6 951	120 331	12 685	6 779	5 798	38.8	6 558
Craftsmen and kindred workers	**10 121 156**	**9 842 280**	**202 642**	**352 740**	**484 023**	**467 572**	**5 017 815**	**1 847 497**	**930 167**	**539 824**	**42.0**	**278 876**
Automobile accessories installers	6 553	6 420	153	318	244	247	2 049	1 968	1 026	415	43.6	133
Bakers	76 980	75 283	2 090	3 175	1 718	4 893	27 520	17 799	8 163	9 925	44.5	1 697
Cabinetmakers	63 462	61 794	1 634	3 631	2 461	2 032	32 073	11 513	5 609	2 841	41.2	1 668
Carpet installers	44 307	43 612	1 842	2 859	2 505	2 642	18 329	8 554	4 537	2 344	40.8	695
Construction craftsmen	2 775 379	2 685 655	93 388	174 114	164 975	173 765	1 428 048	386 720	168 604	96 041	39.6	89 724
Brickmasons and stonemasons	163 188	157 808	7 447	18 532	17 024	17 125	74 596	14 539	5 278	3 267	36.5	5 380
Brickmasons and stonemasons, apprentices	3 833	3 723	206	273	435	359	1 876	310	125	139	37.5	110
Bulldozer operators	87 425	84 622	3 309	5 215	3 838	2 520	38 641	14 740	9 219	7 140	42.0	2 803
Carpenters	841 024	812 990	32 108	60 256	55 583	56 795	431 440	111 269	42 648	22 891	38.8	28 034
Carpenter apprentices	8 444	8 188	431	697	771	706	4 532	622	235	194	37.1	256
Cement and concrete finishers	67 416	64 868	3 400	6 442	5 240	4 663	30 498	9 325	3 323	1 977	37.9	2 548
Electricians	472 332	460 154	6 774	11 044	18 651	26 413	266 363	78 119	34 652	18 138	41.7	12 178
Electrician apprentices	21 002	20 666	376	612	1 112	1 956	12 598	2 492	1 094	426	40.1	336
Excavating, grading, and road machine operators; except bulldozer	225 192	218 197	5 843	10 967	8 420	6 775	105 236	41 942	22 952	16 062	42.4	6 995
Floor layers, except tile setters	20 869	20 348	1 079	1 316	1 483	1 298	9 282	3 486	1 407	997	39.6	521
Painters, construction and maintenance	317 476	304 653	18 965	28 611	21 640	23 126	155 750	35 539	13 812	7 210	37.3	12 823
Painter apprentices	1 488	1 463	65	156	266	60	852	24	16	24	35.7	25
Paperhangers	9 293	8 963	621	863	881	517	3 881	1 374	661	165	37.3	330
Plasterers	28 814	27 797	868	2 683	2 426	1 760	15 792	2 869	833	566	37.8	1 017
Plasterer apprentices	602	584	22	39	41	66	299	65	23	29	39.1	18
Plumbers and pipe fitters	380 311	369 754	6 207	12 177	16 158	21 791	218 845	54 808	26 003	13 765	41.1	10 557
Plumber and pipe fitter apprentices	14 405	14 090	286	632	570	914	8 705	1 985	815	183	39.9	315
Roofers and slaters	57 585	55 327	4 055	9 052	6 278	5 314	20 926	5 652	2 486	1 564	35.3	2 258
Structural metal craftsmen	73 407	69 951	1 365	4 491	5 260	4 033	40 906	8 316	3 875	1 705	39.5	3 456
Tile setters	31 047	30 223	1 347	2 465	2 093	1 635	15 892	4 742	1 455	594	38.4	824

Table 45. Employed Persons by Hours Worked, Detailed Occupation, and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total employed persons	At work									With a job, but not at work
		Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 to 59 hours	60 hours or more	Average (mean) hours	
Male, 16 years old and over—Con.												
Craftsmen and kindred workers—Continued												
Cranemen, derrickmen, and hoistmen	151 779	146 220	1 734	3 688	6 387	3 841	86 030	25 828	11 821	6 891	42.2	5 559
Decorators and window dressers	29 777	28 971	960	1 510	1 150	1 501	11 191	5 774	3 684	3 201	43.5	806
Dental laboratory technicians	20 603	20 291	635	633	482	605	10 912	3 743	1 887	1 394	42.4	312
Electric power linemen and cablemen	101 007	98 853	884	1 275	2 278	1 430	63 778	18 235	7 052	3 921	42.4	2 154
Engravers, except photoengravers	6 016	5 974	551	503	172	274	2 758	909	595	212	38.3	42
Foremen, n.e.c	1 444 526	1 411 362	10 279	18 464	40 331	47 133	665 444	347 637	183 072	99 002	44.4	33 164
Construction	151 960	148 108	1 926	3 690	4 305	7 042	79 374	27 987	14 758	9 026	42.9	3 852
Manufacturing	839 034	820 463	4 635	8 472	28 519	26 859	381 780	215 742	106 405	48 051	44.2	18 571
Metal industries	140 802	137 051	835	1 013	4 144	2 745	65 978	36 759	19 046	6 531	44.1	3 751
Machinery, except electrical	87 132	85 718	409	953	2 698	1 988	36 678	23 556	14 128	5 308	44.9	1 414
Electrical machinery, equipment, and supplies	74 385	73 532	267	833	3 252	2 777	36 536	18 825	7 921	3 121	43.3	853
Transportation equipment	105 185	101 940	597	1 188	8 156	2 479	55 315	21 562	8 705	3 938	42.4	3 245
Other durable goods	124 848	122 190	692	1 522	3 296	2 663	57 866	32 353	15 989	7 809	44.4	2 658
Food and kindred products	60 460	58 958	494	692	1 162	1 407	20 118	17 307	11 124	6 654	46.7	1 502
Textiles, textile products, and apparel	63 711	62 571	441	497	1 613	2 475	23 250	20 235	9 630	4 430	45.3	1 140
Other nondurable goods, including not specified manufacturing	182 511	178 503	900	1 774	4 198	10 325	86 039	45 145	19 862	10 260	43.9	4 008
Transportation	68 571	66 492	453	749	775	1 059	32 345	15 429	9 036	6 646	45.5	2 079
Communications, and utilities and sanitary services	78 557	76 536	269	821	1 313	2 000	45 357	15 057	7 611	4 108	43.5	2 021
Wholesale and retail trade	153 529	150 650	1 345	1 903	2 659	4 033	52 515	44 374	27 714	16 107	46.5	2 879
All other industries[1]	152 875	149 113	1 651	2 829	2 760	6 140	74 073	29 048	17 548	15 064	44.6	3 762
Furniture and wood finishers	18 154	17 785	414	1 205	945	769	9 143	3 384	1 407	518	40.4	369
Furriers	2 245	2 205	129	150	79	459	766	452	129	41	38.2	40
Glaziers	24 330	23 891	379	605	704	1 286	12 329	5 679	2 001	908	42.2	439
Inspectors, scalers, and graders; log and lumber	15 945	15 352	252	437	442	369	8 511	3 128	1 501	712	42.4	593
Inspectors, n.e.c	108 199	104 894	1 246	1 768	3 124	4 892	65 233	15 317	7 292	6 022	42.3	3 305
Construction	22 250	21 688	199	402	573	1 698	13 369	2 974	1 713	760	41.7	562
Railroads and railway express service	23 888	22 666	181	231	327	77	15 610	2 579	1 844	1 817	43.5	1 222
Jewelers and watchmakers	32 709	32 007	1 398	1 637	1 240	2 067	11 304	7 541	4 002	2 818	42.7	702
Locomotive engineers	49 838	47 003	350	1 106	1 300	1 107	16 734	8 669	9 070	8 667	48.0	2 835
Locomotive firemen	12 672	12 124	154	477	575	244	4 580	2 129	1 837	2 128	46.5	548
Mechanics and repairmen	2 409 844	2 354 012	42 781	66 404	70 906	56 549	1 123 201	539 035	275 856	179 280	43.7	55 832
Air conditioning, heating, and refrigeration	117 717	115 217	2 669	3 925	3 357	3 592	58 398	25 829	11 194	6 253	42.4	2 500
Aircraft	140 155	136 400	934	2 025	4 786	1 869	98 298	16 304	7 221	4 963	41.6	3 755
Automobile body repairmen	107 138	104 963	1 879	2 656	2 308	2 381	41 543	30 083	15 740	8 373	44.7	2 175
Automobile mechanics	802 556	785 359	14 971	24 356	20 286	15 627	297 266	206 154	115 864	90 835	45.4	17 197
Automobile mechanic apprentices	3 129	3 061	345	435	145	156	1 013	633	250	84	36.2	68
Data processing machine repairmen	31 198	30 639	189	499	891	1 916	17 811	6 422	1 904	1 007	42.0	559
Farm implement	32 324	31 687	887	1 209	866	445	9 368	9 207	6 674	3 031	45.4	637
Heavy equipment mechanics, including diesel	567 987	552 907	6 117	11 480	18 753	16 124	283 171	124 322	62 910	30 030	43.3	15 080
Household appliance and accessory installers and mechanics	120 506	117 878	2 779	3 627	3 331	2 704	64 006	25 454	10 267	5 710	42.2	2 628
Loom fixers	20 884	20 620	154	341	982	279	9 830	6 767	1 561	706	43.0	264
Office machine	40 048	39 277	548	937	1 195	1 197	26 820	5 884	1 578	1 118	41.0	771
Radio and television	135 309	132 357	4 660	6 205	4 902	3 051	58 703	28 914	14 810	11 112	42.8	2 952
Railroad and car shop	54 226	52 345	294	460	925	542	38 943	5 894	2 928	2 359	42.2	1 881
Mechanics, except auto, apprentices	6 914	6 852	214	342	358	230	3 744	1 105	421	438	41.1	62
Miscellaneous mechanics and repairmen, including mechanics, except auto, apprentices	170 825	167 109	5 484	7 007	6 529	4 519	83 346	34 364	16 051	9 809	41.9	3 716
Manufacturing	49 276	48 141	408	933	2 292	1 007	27 885	9 600	4 218	1 798	42.3	1 135
Not specified mechanics and repairmen	68 971	67 254	1 216	1 677	1 795	2 303	35 698	13 437	7 154	3 974	42.9	1 717
Manufacturing	25 659	24 980	192	552	708	801	14 259	4 880	2 574	1 014	42.7	679
Metal craftsmen, except mechanics	1 068 311	1 037 239	9 610	23 470	54 219	36 128	570 057	191 253	112 404	40 098	42.4	31 072
Blacksmiths	10 105	9 677	365	705	351	208	4 674	1 400	810	1 164	42.5	428
Boilermakers	29 830	28 727	414	979	1 397	950	16 692	4 295	2 570	1 430	41.9	1 103

[1]Includes transportation, communications, and other public utilities—allocated.

Table 45. Employed Persons by Hours Worked, Detailed Occupation, and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total employed persons	At work									With a job, but not at work
		Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 to 59 hours	60 hours or more	Average (mean) hours	
Male, 16 years old and over—Con.												
Craftsmen and kindred workers—Continued												
Metal craftsmen, except mechanics—Continued												
Forgemen and hammermen	14 837	14 338	142	356	1 118	898	7 871	2 449	927	577	41.4	499
Heat treaters, annealers, and temperers	20 981	20 429	213	355	1 201	422	12 167	3 591	1 583	897	42.1	552
Job and die setters, metal	82 162	79 948	568	2 138	6 230	2 887	44 046	14 414	6 524	3 141	41.8	2 214
Machinists	367 542	357 936	3 355	6 606	12 331	9 752	198 581	72 251	40 370	14 690	42.8	9 606
Machinist apprentices	9 524	9 367	154	411	476	318	5 315	1 737	758	198	40.9	157
Millwrights	78 419	75 011	613	1 016	3 925	1 527	42 863	14 903	7 264	2 900	42.6	3 408
Molders, metal	46 499	44 704	394	1 259	2 994	1 811	25 971	6 902	4 076	1 297	41.4	1 795
Molder apprentices	630	630	–	19	18	21	379	113	80	–	41.8	–
Pattern and model makers, except paper	36 737	35 965	329	668	2 908	1 118	20 404	5 888	3 514	1 136	41.8	772
Rollers and finishers, metal	18 999	18 281	266	482	1 313	613	11 729	2 664	782	432	40.4	718
Sheetmetal workers and tinsmiths	152 842	147 998	1 438	4 820	7 525	9 346	94 645	19 057	7 970	3 197	40.5	4 844
Sheetmetal apprentices	5 461	5 301	25	266	301	441	3 416	456	262	134	40.0	160
Shipfitters	9 914	9 565	84	195	306	327	6 162	1 576	595	320	41.7	349
Tool and die makers	199 444	194 660	1 429	3 891	12 620	6 269	84 252	41 863	35 419	8 917	43.7	4 784
Tool and die maker apprentices	9 301	9 027	60	372	756	275	3 321	1 830	2 005	408	43.6	274
Millers; grain, flour, and feed	7 230	7 061	123	151	247	57	2 307	2 366	1 150	660	45.6	169
Motion picture projectionists	14 913	14 449	2 351	2 623	1 393	1 544	2 611	1 828	1 169	930	33.8	464
Opticians, and lens grinders and polishers	21 615	21 309	476	539	573	1 230	10 382	5 575	1 539	995	42.2	306
Piano and organ tuners and repairmen	6 584	6 396	901	809	799	315	1 693	905	395	579	36.2	188
Power station operators	17 574	17 038	43	289	210	169	12 065	2 559	930	773	42.4	536
Printing craftsmen	333 117	325 459	6 348	11 914	12 916	87 217	112 358	56 636	25 260	12 810	40.5	7 658
Bookbinders	15 002	14 864	594	666	635	4 183	5 276	2 135	878	497	39.0	138
Compositors and typesetters	136 139	133 008	3 213	5 165	5 190	38 852	44 539	21 508	9 648	4 893	40.0	3 131
Printing trades apprentices, except pressmen	5 774	5 649	176	589	170	1 532	1 854	771	485	72	38.0	125
Electrotypers and stereotypers	6 577	6 317	57	99	239	2 893	1 384	861	542	242	40.3	260
Photoengravers and lithographers	29 659	29 050	278	895	1 314	9 617	7 830	5 095	2 765	1 256	41.0	609
Pressmen and plate printers, printing	145 740	142 220	2 206	5 089	5 538	31 672	53 329	27 037	11 427	5 922	41.0	3 520
Pressman apprentices	2 791	2 752	40	108	177	750	1 071	291	175	140	40.1	39
Shoe repairmen	24 324	23 951	1 190	1 653	908	681	7 228	5 182	3 827	3 282	44.0	373
Sign painters and letterers	17 480	16 944	1 257	1 236	928	718	7 647	2 879	1 326	953	39.3	536
Stationary engineers	171 675	167 180	1 759	2 754	2 969	3 189	100 784	30 364	14 838	10 523	43.2	4 495
Stone cutters and stone carvers	5 910	5 731	170	237	272	315	2 706	1 145	456	430	42.1	179
Tailors	47 578	46 504	1 524	1 885	2 280	6 022	19 903	8 821	3 855	2 214	40.9	1 074
Telephone installers and repairmen	230 769	225 479	1 155	2 341	3 705	3 389	118 988	55 647	28 013	12 241	44.1	5 290
Telephone linemen and splicers	51 660	50 588	460	433	1 172	490	27 866	11 646	5 624	2 897	43.8	1 072
Upholsterers	50 874	49 622	1 545	2 701	2 927	3 410	22 743	8 652	4 304	3 340	41.3	1 252
Craftsmen and kindred workers, n.e.c	77 150	74 442	2 169	3 534	3 915	4 265	38 182	12 114	6 346	3 917	41.1	2 708
Former members of the Armed Forces	346	346	–	–	20	18	151	59	19	79	...	–
Craftsmen and kindred workers—allocated	579 721	558 834	10 308	12 212	92 552	12 310	360 211	35 852	19 567	15 822	39.2	20 887
Operatives, except transport	**6 480 089**	**6 281 564**	**165 013**	**297 986**	**397 238**	**256 377**	**3 365 236**	**1 014 607**	**479 210**	**305 897**	**41.0**	**198 525**
Asbestos and insulation workers	23 883	23 354	459	867	1 082	1 482	14 805	2 585	1 340	734	40.4	529
Assemblers	484 066	469 161	8 673	18 268	38 137	20 482	284 319	58 998	26 793	13 491	40.2	14 905
Blasters and powdermen	7 136	6 850	117	257	172	152	3 885	1 160	673	434	42.6	286
Bottling and canning operatives	30 824	29 990	914	859	763	2 482	16 237	5 386	2 170	1 179	41.1	834
Chainmen, rodmen, and axmen, surveying	11 081	10 959	707	820	576	471	5 804	1 448	723	410	38.7	122
Checkers, examiners, and inspectors; manufacturing	360 105	349 278	3 091	7 456	23 120	12 922	209 868	56 872	24 917	11 032	41.5	10 827
Clothing ironers and pressers	46 448	45 156	1 498	3 422	3 863	5 703	19 452	6 265	2 780	2 173	39.3	1 292
Cutting operatives, n.e.c	126 863	122 805	1 949	4 551	6 188	6 992	69 710	21 985	7 481	3 949	41.0	4 058
Dressmakers and seamstresses, except factory	4 194	4 111	306	386	214	365	1 741	499	246	354	39.1	83
Drillers, earth	54 019	52 062	1 166	2 054	2 433	1 811	20 406	9 902	7 718	6 572	44.7	1 957
Dry wall installers and lathers	45 340	44 161	2 029	3 580	3 471	5 141	21 243	5 518	2 199	980	37.9	1 179
Dyers	21 851	21 402	244	583	928	802	11 175	4 522	2 075	1 073	42.6	449
Garage workers and gas station attendants	408 247	400 030	46 682	81 240	26 177	15 044	74 766	52 733	43 157	60 231	38.3	8 217

Table 45. Employed Persons by Hours Worked, Detailed Occupation, and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total employed persons	At work										With a job, but not at work
		Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 to 59 hours	60 hours or more	Average (mean) hours	
Male, 16 years old and over—Con.												
Operatives, except transport—Continued												
Graders and sorters, manufacturing	13 343	12 972	483	898	601	738	6 322	2 530	962	438	40.0	371
Produce graders and packers, except factory and farm	7 202	6 901	776	788	570	465	2 113	1 110	570	509	37.5	301
Laundry and drycleaning operatives, n.e.c	62 080	60 535	3 811	4 663	2 511	2 823	24 720	9 983	6 082	5 942	41.1	1 545
Meat cutters and butchers, except manufacturing	192 588	187 757	4 621	9 027	3 727	4 064	74 337	48 034	24 749	19 198	44.3	4 831
Meat cutters and butchers, manufacturing	49 025	47 154	734	1 208	1 821	5 121	20 099	10 086	5 110	2 975	42.8	1 871
Meat wrappers, retail trade	3 008	2 958	338	787	235	62	808	425	303	–	32.8	50
Metalworking operatives, *except precision machine*	838 801	813 208	12 009	26 365	47 514	29 645	469 764	130 178	62 661	35 072	41.5	25 593
Filers, polishers, sanders, and buffers	92 884	90 718	2 376	4 585	6 639	4 266	50 339	13 301	6 358	2 854	40.1	2 166
Furnacemen, smeltermen, and pourers	60 839	58 233	703	1 339	3 171	1 490	36 949	9 215	3 280	2 086	41.4	2 606
Heaters, metal	6 880	6 648	40	127	523	115	4 559	755	268	261	41.1	232
Metal platers	29 167	28 543	297	823	1 478	1 118	16 360	4 872	2 356	1 239	41.9	624
Punch and stamping press operatives	114 990	111 214	1 333	3 841	9 225	4 748	67 316	15 151	6 309	3 291	40.5	3 776
Riveters and fasteners	14 332	13 965	497	797	985	758	8 452	1 501	720	255	38.8	367
Solderers	6 788	6 481	110	318	413	391	3 912	878	277	182	40.0	307
Welders and flame-cutters	512 921	497 406	6 653	14 535	25 080	16 759	281 877	84 505	43 093	24 904	42.1	15 515
Milliners	216	216	23	–	20	18	155	–	–	–	...	–
Mine operatives, n.e.c	152 752	146 998	2 184	4 810	4 996	3 457	70 718	29 473	16 055	15 305	44.2	5 754
Coal mining	46 977	45 242	506	1 636	1 906	1 687	25 114	10 222	2 774	1 397	41.5	1 735
Crude petroleum and natural gas extractions	63 503	61 249	1 177	2 496	1 864	1 146	23 413	10 360	8 889	11 904	46.8	2 254
Mining and quarrying, except fuel	42 272	40 507	501	678	1 226	624	22 191	8 891	4 392	2 004	43.1	1 765
Mixing operatives	65 917	64 151	1 015	1 457	2 554	2 002	35 781	12 706	5 939	2 697	42.2	1 766
Oilers and greasers, except auto	43 981	41 960	704	1 343	2 165	1 145	23 269	7 674	3 690	1 970	41.9	2 021
Packers and wrappers, except meat and produce	197 443	191 504	9 293	13 412	10 245	10 177	103 705	28 982	11 109	4 581	38.8	5 939
Painters, manufactured articles	99 041	96 291	1 599	3 519	5 904	3 698	55 365	16 747	6 587	2 872	40.9	2 750
Photographic process workers	33 587	32 893	1 308	2 090	1 266	2 745	16 447	5 761	2 173	1 103	39.8	694
Precision machine operatives	376 508	365 092	4 230	9 091	24 844	13 234	196 004	65 748	38 744	13 197	42.0	11 416
Drill press operatives	55 770	53 740	894	1 792	3 859	1 880	30 006	8 922	4 681	1 706	41.2	2 030
Grinding machine operatives	125 189	120 769	1 519	3 029	9 190	4 674	66 267	20 097	12 017	3 976	41.6	4 420
Lathe and mixing machine operatives	131 611	128 521	1 301	2 917	7 609	4 230	69 133	24 950	13 844	4 537	42.2	3 090
Precision machine operatives, n.e.c	63 938	62 062	516	1 353	4 186	2 450	30 598	11 779	8 202	2 978	42.9	1 876
Sailors and deckhands	25 408	21 894	684	1 112	660	637	7 354	3 080	3 091	5 276	47.3	3 514
Sawyers	92 772	89 518	2 669	6 113	6 002	3 954	47 893	14 801	5 677	2 409	39.6	3 254
Sewers and stitchers	53 653	52 172	1 652	2 935	3 843	6 274	26 418	6 783	2 741	1 526	39.2	1 481
Shoemaking machine operatives	23 403	22 900	642	1 660	2 238	2 223	11 986	2 951	746	454	38.3	503
Stationary firemen	90 106	87 342	1 035	1 446	1 594	1 394	51 443	16 492	8 337	5 601	43.3	2 764
Textile operatives	196 408	191 798	2 283	6 456	11 467	5 866	102 473	44 643	12 320	6 290	41.6	4 610
Carding, lapping, and combing operatives	14 874	14 438	148	616	1 007	369	7 384	3 937	659	318	41.1	436
Knitters, loopers, and toppers	10 877	10 659	128	171	644	814	4 966	2 154	1 001	781	43.1	218
Spinners, twisters, and winders	56 172	54 866	635	2 196	3 629	1 382	29 696	13 521	2 493	1 314	41.0	1 306
Weavers	22 718	22 288	205	393	1 220	521	12 504	6 063	905	477	41.6	430
Textile operatives, n.e.c	91 767	89 547	1 167	3 080	4 967	2 780	47 923	18 968	7 262	3 400	41.8	2 220
Winding operatives, n.e.c	29 542	28 757	267	703	1 272	975	15 736	6 117	2 433	1 254	42.4	785
Miscellaneous and not specified operatives	1 804 458	1 748 133	36 342	64 113	86 299	73 746	995 530	300 530	125 460	66 113	41.1	56 325
Occupation:												
Machine operatives, miscellaneous specified	738 305	714 176	11 398	21 906	35 188	33 042	395 997	132 772	54 904	28 969	41.6	24 129
Machine operatives, not specified	407 172	395 432	5 240	9 645	19 993	13 534	240 381	65 020	28 412	13 207	41.5	11 740
Miscellaneous operatives	444 699	431 251	15 686	23 789	20 331	19 582	238 315	69 612	27 964	15 972	40.1	13 448
Not specified operatives	214 282	207 274	4 018	8 773	10 787	7 588	120 837	33 126	14 180	7 965	41.0	7 008

Table 45. Employed Persons by Hours Worked, Detailed Occupation, and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total employed persons	At work									With a job, but not at work
		Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 to 59 hours	60 hours or more	Average (mean) hours	
Male, 16 years old and over—Con.												
Operatives, except transport—Continued												
Miscellaneous and not specified operatives—Continued												
Industry:												
Manufacturing	1 512 637	1 464 307	22 820	44 266	75 924	64 036	851 166	253 147	101 864	51 084	41.3	48 330
Durable goods	875 923	848 059	12 346	26 948	51 226	29 002	512 100	132 966	56 722	26 749	41.0	27 864
Lumber and wood products, except furniture	61 105	59 378	1 449	3 244	3 040	2 389	33 028	9 854	4 250	2 124	40.6	1 727
Furniture and fixtures	35 270	34 656	635	1 674	1 987	1 435	19 908	6 003	2 308	706	40.4	614
Stone, clay, and glass products	81 099	78 488	1 039	2 310	3 383	2 181	48 235	13 277	5 478	2 585	41.4	2 611
Glass and glass products	28 634	27 910	175	535	923	670	18 763	4 619	1 503	722	41.5	724
Cement, concrete, gypsum, and plaster products	19 358	18 551	310	642	503	507	9 919	3 819	2 090	761	42.4	807
Other stone, clay, and glass products	33 107	32 027	554	1 133	1 957	1 004	19 553	4 839	1 885	1 102	40.8	1 080
Primary metal industries	161 760	154 653	1 271	3 773	8 699	4 095	101 283	23 140	7 906	4 486	41.1	7 107
Blast furnaces, steelworks, and rolling and finishing mills	58 915	56 121	497	1 121	3 110	980	40 535	6 497	2 169	1 212	40.6	2 794
Other primary iron and steel industries	46 265	44 421	427	1 378	3 225	1 769	26 791	6 846	2 622	1 363	40.9	1 844
Primary nonferrous industries	56 580	54 111	347	1 274	2 364	1 346	33 957	9 797	3 115	1 911	41.8	2 469
Fabricated metal industries, including not specified metal	104 673	101 473	1 580	2 944	6 250	3 489	60 152	16 982	7 150	2 926	41.1	3 200
Cutlery, hand tools, and other hardware	10 086	9 792	202	341	672	248	5 977	1 429	645	278	40.6	294
Fabricated structural metal products	27 089	26 262	431	693	1 425	731	15 801	4 553	2 017	611	41.1	827
Screw machine products, & metal stamping	17 964	17 363	310	696	1 305	757	9 577	2 893	1 388	437	40.7	601
Miscellaneous fabricated metal products and not specified metal	49 534	48 056	637	1 214	2 848	1 753	28 797	8 107	3 100	1 600	41.3	1 478
Machinery, except electrical	126 911	123 473	1 674	3 479	5 914	4 061	68 382	22 460	12 261	5 242	42.1	3 438
Farm machinery and equipment	10 631	10 236	63	183	453	259	6 759	1 387	644	488	42.0	395
Construction & material handling machines	18 136	17 640	245	303	831	363	10 855	2 746	1 440	857	42.2	496
Metalworking machinery	23 688	23 071	292	705	898	985	11 194	4 358	3 704	935	42.9	617
Office and accounting machines, and electronic computing equipment	8 710	8 501	39	277	422	368	5 088	1 502	521	284	41.5	209
Other machinery, except electrical	65 746	64 025	1 035	2 011	3 310	2 086	34 486	12 467	5 952	2 678	41.9	1 721
Electrical machinery, equipment, and supplies	91 222	88 970	913	2 194	4 560	3 535	55 017	14 389	5 559	2 803	41.3	2 252
Household appliances	12 700	12 352	136	318	606	503	7 780	1 926	678	405	41.2	348
Radio, T.V., and communication equipment	20 279	19 831	147	347	770	558	12 398	3 396	1 696	519	41.9	448
Electrical machinery, equipment, and supplies, n.e.c.	52 309	51 051	550	1 420	2 858	2 319	31 280	8 182	2 742	1 700	41.1	1 258
Not specified electrical machinery, equipment, and supplies	5 934	5 736	80	109	326	155	3 559	885	443	179	41.5	198
Transportation equipment	130 507	125 916	1 648	4 289	13 246	4 666	77 252	14 574	6 816	3 425	40.1	4 591
Motor vehicles & motor vehicle equipment	73 391	70 285	929	2 942	10 104	3 054	42 341	6 530	2 932	1 453	39.2	3 106
Aircraft and parts	34 425	33 452	374	390	2 091	810	21 842	4 099	2 524	1 322	41.7	973
Other transportation equipment	22 691	22 179	345	957	1 051	802	13 069	3 945	1 360	650	40.9	512
Professional and photographic equipment, and watches	20 071	19 565	381	339	898	567	11 976	3 473	1 419	512	41.3	506
Professional equipment and supplies	12 465	12 099	230	163	522	394	7 498	2 160	826	306	41.4	366
Ordnance	15 037	14 579	105	303	758	331	10 501	1 457	744	380	40.9	458
Miscellaneous manufacturing industries	44 153	43 047	1 525	2 350	2 278	2 112	24 168	6 589	2 584	1 441	39.9	1 106
Durable goods—allocated	4 115	3 861	126	49	213	141	2 198	768	247	119	41.0	254
Nondurable goods	625 071	604 877	10 159	16 961	23 976	34 679	332 259	118 258	44 584	24 001	41.7	20 194
Food and kindred products	135 578	131 111	3 005	4 202	5 081	6 010	64 705	28 190	12 322	7 596	42.4	4 467
Meat products	29 307	28 131	568	822	1 218	2 518	11 764	6 672	2 919	1 650	42.6	1 176
Dairy products	21 590	21 082	419	582	446	401	9 623	5 146	2 364	2 101	44.4	508
Canning and preserving fruits, vegetables, and seafoods	15 593	14 982	508	860	575	513	7 299	2 895	1 693	639	41.2	611
Bakery products	11 832	11 507	431	557	473	722	5 435	2 564	859	466	40.8	325
Beverage industries	12 334	11 641	158	263	446	786	7 043	2 075	618	252	40.9	693
Other food and kindred products	44 922	43 768	921	1 118	1 923	1 070	23 541	8 838	3 869	2 488	42.4	1 154

Table 45. **Employed Persons by Hours Worked, Detailed Occupation, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total employed persons	At work									With a job, but not at work
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Male, 16 years old and over—Con.												
Operatives, except transport—Continued												
Miscellaneous and not specified operatives—Continued												
Industry—Continued												
Manufacturing—Continued												
Nondurable goods—Continued												
Tobacco manufactures	9 168	8 930	166	138	676	3 039	3 531	940	316	124	38.6	238
Apparel and other fabricated textile products	22 312	21 754	575	1 669	1 597	2 235	10 570	3 664	1 062	382	38.9	558
Apparel and accessories	16 387	15 995	377	1 309	1 206	1 906	7 666	2 553	711	267	38.6	392
Miscellaneous fabricated textile products	5 925	5 759	198	360	391	329	2 904	1 111	351	115	39.5	166
Paper and allied products	135 537	131 221	1 208	2 944	4 285	4 076	70 939	31 313	11 348	5 108	42.6	4 316
Pulp, paper, and paperboard mills	73 832	71 243	547	1 274	1 771	1 379	36 214	19 715	7 282	3 061	43.4	2 589
Miscellaneous paper and pulp products	21 429	20 913	96	339	795	793	12 055	4 602	1 532	701	42.3	516
Paperboard containers and boxes	40 276	39 065	565	1 331	1 719	1 904	22 670	6 996	2 534	1 346	41.3	1 211
Printing, publishing, and allied industries	42 967	41 988	2 793	2 761	1 705	8 949	15 503	6 405	2 485	1 387	38.1	979
Printing, publishing, and allied industries, except newspapers	35 176	34 397	1 252	1 773	1 362	7 369	13 786	5 568	2 093	1 194	39.5	779
Chemicals and allied products	123 031	119 232	813	1 615	3 472	2 015	79 716	19 890	7 680	4 031	42.0	3 799
Industrial chemicals	39 876	38 613	152	414	809	401	26 790	6 502	2 110	1 435	42.3	1 263
Synthetic fibers	7 197	6 942	21	–	117	20	5 511	879	264	130	41.6	255
Soaps and cosmetics	6 613	6 458	20	110	558	159	4 193	824	421	173	41.2	155
Other chemicals and allied products	69 345	67 219	620	1 091	1 988	1 435	43 222	11 685	4 885	2 293	42.1	2 126
Petroleum and coal products	27 926	26 824	133	121	251	249	20 369	3 145	1 426	1 130	42.3	1 102
Rubber and miscellaneous plastic products	107 237	103 145	1 100	2 593	5 704	6 430	55 342	21 436	6 790	3 750	41.6	4 092
Rubber products	69 016	65 806	565	1 222	4 031	4 959	33 832	14 915	3 949	2 333	41.7	3 210
Miscellaneous plastic products	38 221	37 339	535	1 371	1 673	1 471	21 510	6 521	2 841	1 417	41.5	882
Leather and leather products	18 433	17 833	328	848	984	1 583	10 029	2 639	994	428	40.0	600
Tanned, curried, and finished leather	8 015	7 752	82	189	185	486	4 490	1 428	571	321	42.0	263
Footwear, except rubber	5 455	5 343	97	449	537	412	3 122	519	189	18	37.9	112
Leather products, except footwear	4 963	4 738	149	210	262	685	2 417	692	234	89	39.2	225
Nondurable goods—allocated	2 882	2 839	38	70	221	93	1 555	636	161	65	41.1	43
Not specified manufacturing industries	11 643	11 371	315	357	722	355	6 807	1 923	558	334	40.4	272
Nonmanufacturing industries	291 821	283 826	13 522	19 847	10 375	9 710	144 364	47 383	23 596	15 029	40.3	7 995
Construction	33 410	32 203	930	2 271	1 701	1 637	16 792	4 973	2 431	1 468	40.3	1 207
Railroads and railway express service	13 045	12 523	220	226	272	203	9 578	1 255	461	308	40.6	522
Transportation, except railroads	23 866	23 217	683	1 472	501	474	13 131	3 883	1 751	1 322	41.2	649
Communications, and utilities and sanitary services	24 502	24 018	311	277	347	207	16 599	3 314	1 802	1 161	42.4	484
Wholesale trade	54 961	53 326	1 510	2 971	1 897	2 206	25 803	11 260	5 055	2 624	41.5	1 635
Retail trade	43 805	42 709	3 056	5 567	1 859	1 778	15 195	8 109	4 529	2 616	39.0	1 096
Business and repair services	44 209	43 142	2 366	2 998	1 677	1 385	17 888	9 143	4 606	3 079	41.2	1 067
Public administration	18 654	18 224	173	428	426	265	14 052	1 348	820	712	41.2	430
All other industries[1]	35 369	34 464	4 273	3 637	1 695	1 555	15 326	4 098	2 141	1 739	36.4	905
Operatives, except transport—allocated	404 790	389 141	8 476	9 647	67 766	8 065	253 385	21 900	11 399	8 503	38.7	15 649
Transport equipment operatives	**2 821 034**	**2 722 935**	**95 756**	**141 852**	**121 066**	**84 917**	**1 096 615**	**554 140**	**339 722**	**288 867**	**43.3**	**98 099**
Boatmen and canalmen	4 768	4 373	320	226	118	118	1 646	548	354	1 043	45.1	395
Bus drivers	171 424	165 378	13 653	22 453	8 150	5 991	57 506	30 974	15 012	11 639	38.6	6 046
Conductors and motormen, urban rail transit	9 486	9 062	100	52	148	540	5 018	1 887	577	740	43.6	424
Deliverymen and routemen	591 866	578 224	30 449	40 319	17 254	19 169	190 429	137 957	84 511	58 136	42.9	13 642
Fork lift and tow motor operatives	214 062	206 267	2 699	5 757	9 275	7 233	117 807	40 101	14 722	8 673	41.9	7 795
Motormen; mine, factory, logging camp, etc	9 642	9 143	43	386	428	106	5 470	1 865	483	362	41.7	499
Parking attendants	28 710	27 875	3 696	4 862	1 457	1 109	8 333	3 421	2 955	2 042	36.1	835
Railroad brakemen	45 441	43 319	566	1 267	1 836	991	16 332	7 629	6 123	8 575	47.2	2 122
Railroad switchmen	51 109	48 782	671	1 146	1 357	552	29 926	7 448	4 397	3 285	42.9	2 327
Taxicab drivers and chauffeurs	144 750	138 301	7 533	9 545	7 196	6 233	45 392	21 909	16 430	24 063	43.9	6 449
Truck drivers	1 369 678	1 320 115	32 280	51 480	44 885	39 385	505 765	290 996	188 798	166 526	44.9	49 563
Trucking service	518 158	494 122	12 842	21 070	17 961	14 704	142 920	112 796	82 918	88 911	46.7	24 036
Transport equipment operatives—allocated	180 098	172 096	3 746	4 359	28 962	3 490	112 991	9 405	5 360	3 783	38.8	8 002

[1] Includes transportation, communications, and other public utilities—allocated.

Table 45. Employed Persons by Hours Worked, Detailed Occupation, and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total employed persons	At work									With a job, but not at work
		Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 to 59 hours	60 hours or more	Average (mean) hours	
Male, 16 years old and over—Con.												
Laborers, except farm	**3 150 252**	**3 045 103**	**270 085**	**360 086**	**219 356**	**121 660**	**1 445 769**	**374 240**	**154 791**	**99 116**	**36.5**	**105 149**
Animal caretakers, except farm	31 148	30 423	4 310	3 830	1 309	799	9 052	4 633	2 937	3 553	38.2	725
Carpenters' helpers	43 081	41 305	3 549	5 492	3 419	2 565	20 891	3 871	1 148	370	35.0	1 776
Construction laborers, except carpenters' helpers	547 567	526 162	30 007	43 606	35 360	29 507	279 681	66 188	26 127	15 686	38.1	21 405
Fishermen and oystermen	25 875	24 254	2 350	3 110	1 894	907	5 522	2 606	2 103	5 762	42.4	1 621
Freight and material handlers	493 599	475 984	24 976	37 627	26 587	18 974	242 904	75 742	32 521	16 653	39.1	17 615
Garbage collectors	70 049	67 972	2 918	2 858	2 377	3 546	38 873	10 224	3 430	3 746	40.5	2 077
Gardeners and groundskeepers, except farm	292 415	284 583	46 857	29 157	16 208	9 719	120 281	38 692	14 290	9 379	34.6	7 832
Longshoremen and stevedores	46 060	43 760	3 275	5 344	4 797	2 655	17 462	5 532	3 045	1 650	36.9	2 300
Lumbermen, raftsmen, and woodchoppers	80 273	77 112	6 332	11 002	6 194	4 413	28 532	10 070	5 511	5 058	37.4	3 161
Stock handlers	486 283	475 943	78 097	149 319	35 190	18 157	125 928	43 157	16 848	9 247	29.6	10 340
Teamsters	6 864	6 600	411	670	475	381	2 801	918	478	466	39.1	264
Vehicle washers and equipment cleaners	105 663	102 456	14 888	13 553	5 246	3 950	41 408	14 472	5 661	3 278	34.8	3 207
Warehousemen, n.e.c	104 103	101 637	3 003	4 350	3 632	2 988	59 311	18 101	6 976	3 276	40.7	2 466
Miscellaneous and not specified laborers	548 166	529 673	40 659	40 307	25 911	17 328	289 105	70 000	29 032	17 331	38.0	18 493
Occupation:												
Miscellaneous laborers	185 372	179 226	8 013	9 415	8 220	5 028	104 727	25 473	10 938	7 412	39.9	6 146
Not specified laborers	362 794	350 447	32 646	30 892	17 691	12 300	184 378	44 527	18 094	9 919	37.1	12 347
Industry:												
Manufacturing	278 736	268 081	9 409	13 751	15 024	9 444	162 684	37 274	13 260	7 235	39.6	10 655
Durable goods	189 462	181 901	5 004	8 578	10 811	5 472	115 795	23 519	8 228	4 494	39.7	7 561
Lumber and wood products, except furniture	19 886	19 193	849	1 434	1 099	630	10 461	3 347	969	404	38.9	693
Furniture and fixtures	5 238	5 128	281	403	419	208	2 813	651	195	158	38.1	110
Stone, clay, and glass products	19 427	18 593	633	806	1 002	641	11 132	2 695	1 173	511	40.0	834
Cement, concrete, gypsum, and plaster products	8 114	7 840	359	350	308	286	4 334	1 293	635	275	40.3	274
Structural clay products	3 834	3 601	101	165	208	172	2 360	415	119	61	39.2	233
Other stone, clay, and glass products	7 479	7 152	173	291	486	183	4 438	987	419	175	40.1	327
Primary metal industries	69 641	66 176	839	2 042	4 173	1 562	46 254	7 863	1 884	1 559	40.2	3 465
Blast furnaces, steel works, and rolling and finishing mills	40 497	38 160	418	993	2 213	718	28 610	3 505	882	821	40.1	2 337
Other primary iron and steel industries	19 334	18 573	336	701	1 444	572	11 331	2 815	807	567	40.3	761
Primary nonferrous industries	9 810	9 443	85	348	516	272	6 313	1 543	195	171	40.2	367
Fabricated metal industries, including not specified metal	19 250	18 441	673	1 109	721	555	11 817	2 126	952	488	39.4	809
Fabricated structural metal products	7 665	7 364	207	422	301	118	4 887	808	410	211	39.8	301
Machinery, except electrical	16 634	16 208	621	658	931	390	9 590	2 486	1 131	401	40.0	426
Electrical machinery, equipment, and supplies	8 165	8 058	87	280	314	274	5 364	1 085	612	42	40.5	107
Transportation equipment	21 299	20 658	453	1 027	1 677	914	12 645	2 421	851	670	39.7	641
Motor vehicles & motor vehicle equipment	10 566	10 144	148	466	1 310	568	6 181	798	389	284	39.2	422
Ship and boat building and repairing	4 459	4 363	129	190	107	164	2 728	723	211	111	40.2	96
Other transportation equipment	6 274	6 151	176	371	260	182	3 736	900	251	275	40.2	123
Professional and photographic equipment, and watches	1 021	1 003	–	73	107	–	660	62	54	47	40.2	18
Ordnance	2 627	2 564	23	55	138	33	1 943	189	97	86	40.7	63
Miscellaneous manufacturing industries	4 056	3 805	176	481	134	229	2 083	377	215	110	37.8	251
Manufacturing, durable goods—allocated	2 218	2 074	369	210	96	36	1 033	217	95	18	33.4	144
Nondurable goods	87 415	84 419	4 323	5 105	4 091	3 880	45 783	13 566	4 991	2 680	39.3	2 996
Food and kindred products	33 468	32 304	1 819	2 046	1 532	1 486	15 836	5 754	2 623	1 208	39.6	1 164
Meat products	9 525	9 046	489	570	613	742	3 687	1 822	673	450	39.8	479
Dairy products	3 482	3 378	205	137	140	113	1 564	716	306	197	41.0	104
Canning and preserving fruits, vegetables, and seafoods	5 862	5 690	348	462	311	198	2 547	1 199	419	206	39.2	172
Grain-mill products	3 971	3 850	119	123	85	96	2 341	669	345	72	40.9	121
Beverage industries	4 153	4 095	211	326	182	185	2 364	490	258	79	38.4	58
Other food and kindred products	6 475	6 245	447	428	201	152	3 333	858	622	204	39.1	230

Table 45. Employed Persons by Hours Worked, Detailed Occupation, and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total employed persons	At work									Average (mean) hours	With a job, but not at work
		Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 to 59 hours	60 hours or more		
Male, 16 years old and over—Con.												
Laborers, except farm—Continued												
Miscellaneous and not specified laborers—Continued												
Industry—Continued												
Manufacturing—Continued												
Nondurable goods—Continued												
Tobacco manufactures	1 223	1 198	–	63	149	294	486	163	43	–	38.3	25
Textile mill products	8 799	8 515	454	403	345	442	4 600	1 658	358	255	39.4	284
Yarn, thread, and fabric mills	6 014	5 799	253	316	167	340	2 957	1 311	294	161	39.9	215
Other textile mill products	2 785	2 716	201	87	178	102	1 643	347	64	94	38.4	69
Apparel and other fabricated textile products	1 238	1 205	141	145	54	25	622	100	58	60	36.1	33
Paper and allied products	12 348	11 979	394	495	435	368	7 417	1 844	756	270	40.1	369
Pulp, paper, and paperboard mills	8 336	8 113	239	261	200	127	5 204	1 393	530	159	40.6	223
Other paper and allied products	4 012	3 866	155	234	235	241	2 213	451	226	111	39.1	146
Printing, publishing, and allied industries	3 682	3 598	764	743	214	333	1 077	328	62	77	29.8	84
Chemicals and allied products	12 356	11 829	305	332	443	301	8 316	1 351	477	304	40.2	527
Petroleum and coal products	3 101	2 989	122	136	113	41	1 984	372	78	143	39.9	112
Rubber and miscellaneous plastic products	7 113	6 892	140	430	507	303	3 299	1 455	395	363	40.9	221
Leather and leather products	2 877	2 735	62	221	256	150	1 461	471	114	–	38.3	142
Nondurable goods—allocated	1 210	1 175	122	91	43	137	685	70	27	–	35.1	35
Not specified manufacturing industries	1 859	1 761	82	68	122	92	1 106	189	41	61	39.0	98
Nonmanufacturing industries	269 430	261 592	31 250	26 556	10 887	7 884	126 421	32 726	15 772	10 096	36.4	7 838
Railroads and railway express service	41 424	39 600	819	655	701	377	29 594	4 490	1 585	1 379	41.1	1 824
Transportation, except railroads	13 800	13 354	1 082	1 251	598	538	6 199	1 864	1 231	591	38.4	446
Comm., and utilities and sanitary services	38 842	37 833	1 444	1 182	760	817	25 338	4 844	2 005	1 443	40.5	1 009
Transportation, communications, and other public utilities—allocated	685	665	63	44	75	19	340	45	20	59	38.1	20
Wholesale trade	37 334	36 430	3 415	3 933	1 591	1 213	14 573	5 998	3 700	2 007	38.4	904
Retail trade	39 824	38 835	7 264	7 013	1 895	1 073	11 386	5 610	3 033	1 561	33.1	989
Business and repair services	17 668	17 356	2 438	2 473	1 011	800	5 815	2 288	1 477	1 054	35.8	312
Personal services	19 762	18 976	7 280	3 855	1 358	617	3 911	1 239	417	299	24.3	786
Private households	14 016	13 420	5 896	2 895	1 013	410	2 434	480	176	116	21.8	596
Public administration	16 415	16 029	767	1 015	540	361	11 307	1 405	345	289	38.2	386
All other industries	43 676	42 514	6 678	5 135	2 358	2 069	17 958	4 943	1 959	1 414	34.3	1 162
Laborers, except farm—allocated	269 106	257 239	8 453	9 861	50 757	5 771	164 018	10 034	4 684	3 661	37.4	11 867
Farmers and farm managers	**1 355 164**	**1 338 144**	**69 569**	**82 632**	**68 281**	**34 080**	**185 876**	**121 811**	**148 349**	**627 546**	**52.3**	**17 020**
Farmers, owners and tenants	1 231 390	1 216 674	65 837	79 146	55 406	32 099	142 983	111 600	135 108	594 495	52.7	14 716
Farm managers	57 951	57 165	1 781	2 158	1 720	829	7 496	6 717	9 317	27 147	56.0	786
Farmers and farm managers—allocated	65 823	64 305	1 951	1 328	11 155	1 152	35 397	3 494	3 924	5 904	41.1	1 518
Farm laborers and farm foremen	**800 404**	**783 500**	**81 511**	**103 580**	**56 806**	**26 901**	**170 225**	**91 939**	**87 134**	**165 404**	**42.4**	**16 904**
Farm foremen	30 332	29 907	467	1 172	704	516	6 095	4 695	5 316	10 942	53.5	425
Farm laborers, wage workers	651 841	637 922	78 953	80 831	39 371	21 302	124 003	79 884	75 344	138 234	42.3	13 919
Farm laborers, unpaid family workers	57 949	57 919	24	18 825	6 509	3 121	6 687	4 691	4 228	13 834	41.7	30
Farm service laborers, self-employed	3 150	3 030	286	278	119	62	800	321	484	680	44.8	120
Farm laborers and farm foremen—allocated	57 132	54 722	1 781	2 474	10 103	1 900	32 640	2 348	1 762	1 714	38.0	2 410
Service workers, except private household	**3 841 787**	**3 732 457**	**333 698**	**380 737**	**184 346**	**124 412**	**1 572 150**	**537 720**	**306 976**	**292 418**	**38.9**	**109 330**
Cleaning service workers	1 257 185	1 223 929	122 730	125 274	51 399	39 628	625 997	152 857	58 769	47 275	36.9	33 256
Chambermaids and maids, except private household	9 665	9 428	1 092	1 203	634	393	3 887	1 244	385	590	36.5	237
Cleaners and charwomen	186 705	181 645	18 630	21 388	9 175	8 308	89 651	21 014	7 374	6 105	36.1	5 060
Janitors and sextons	1 060 815	1 032 856	103 008	102 683	41 590	30 927	532 459	130 599	51 010	40 580	37.0	27 959
Food service workers	867 705	841 782	138 285	163 110	48 686	36 790	203 344	111 879	66 448	73 240	34.8	25 923
Bartenders	148 255	144 093	8 021	11 673	6 535	5 341	34 918	31 118	21 114	25 373	44.5	4 162
Busboys	81 717	79 155	26 149	27 528	4 963	2 702	11 476	3 764	1 544	1 029	23.1	2 562
Cooks, except private household	308 332	299 983	28 519	47 878	16 859	12 824	80 166	46 497	31 134	36 106	39.1	8 349
Dishwashers	102 819	99 611	30 051	26 792	5 271	4 685	20 809	7 486	3 098	1 419	25.9	3 208
Food counter and fountain workers	34 800	33 988	9 532	10 389	2 495	1 292	5 171	2 567	1 312	1 230	26.5	812

Table 45. Employed Persons by Hours Worked, Detailed Occupation, and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

United States

	Total employed persons	At work									With a job, but not at work
		Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 to 59 hours	60 hours or more	Average (mean) hours	
Male, 16 years old and over—Con.												
Service workers, except private household—Con.												
Food service workers—Continued												
Waiters	113 144	109 194	20 081	21 569	7 840	6 235	28 209	13 807	5 895	5 558	32.5	3 950
Food service workers, n.e.c., except private household	78 638	75 758	15 932	17 281	4 723	3 711	22 595	6 640	2 351	2 525	30.1	2 880
Health service workers	143 098	138 710	7 172	12 097	5 581	4 426	85 378	11 748	4 896	7 412	38.8	4 388
Dental assistants	1 931	1 879	208	194	18	266	770	211	152	60	36.5	52
Health aides, except nursing	19 427	18 901	1 623	2 524	896	819	8 813	1 984	915	1 327	37.5	526
Health trainees	1 133	1 094	136	215	20	34	330	184	51	124	36.9	39
Lay midwives	226	201	21	–	18	–	120	20	–	22	...	25
Nursing aides, orderlies, and attendants	111 647	108 318	4 962	8 601	4 387	3 146	70 238	8 625	3 196	5 163	38.8	3 329
Practical nurses	8 734	8 317	222	563	242	161	5 107	724	582	716	41.5	417
Personal service workers	391 644	382 366	36 925	34 768	14 838	14 330	115 453	76 349	58 523	31 180	40.3	9 278
Airline stewardesses	1 300	1 245	142	178	111	49	339	166	181	79	37.3	55
Attendants, recreation and amusement	54 825	52 991	14 430	10 913	2 471	1 765	11 869	5 910	2 576	3 057	29.8	1 834
Attendants, personal service, n.e.c	22 564	21 801	3 713	2 417	1 212	730	7 985	3 312	1 145	1 287	35.2	763
Baggage porters and bellhops	18 669	18 097	1 138	2 133	767	824	8 236	3 203	1 007	789	38.3	572
Barbers	161 670	159 022	6 246	7 518	4 926	4 240	38 265	41 832	40 995	15 000	45.2	2 648
Boarding and lodging house keepers	1 972	1 953	196	125	–	54	386	220	191	781	49.0	19
Bootblacks	3 536	3 372	560	538	255	42	1 153	469	196	159	34.0	164
Child care workers, except private household	8 644	8 462	695	1 106	245	157	3 544	911	502	1 302	40.5	182
Elevator operators	27 083	26 301	827	983	1 039	1 880	16 015	3 415	1 298	844	40.0	782
Hairdressers and cosmetologists	48 213	47 290	1 017	2 260	2 126	2 752	15 480	12 172	7 555	3 928	43.8	923
Personal service apprentices	564	564	24	82	18	43	98	160	98	41	41.4	–
Housekeepers, except private household	28 034	27 179	3 009	2 709	807	855	9 423	4 203	2 509	3 664	40.2	855
School monitors	2 300	2 041	1 230	288	62	78	243	50	40	50	18.8	259
Ushers, recreation and amusement	9 290	9 145	3 577	3 365	672	439	820	198	53	21	20.0	145
Welfare service aides	3 544	3 467	145	235	145	465	1 695	288	275	219	39.9	77
Protective service workers	897 617	872 200	19 921	35 217	14 105	18 826	370 965	172 951	112 012	128 203	45.4	25 417
Crossing guards and bridge tenders	17 298	16 391	3 561	4 631	321	250	5 482	1 058	552	536	29.2	907
Firemen, fire protection	176 893	171 435	683	1 341	862	1 487	28 291	29 947	39 975	68 849	55.4	5 458
Guards and watchmen	305 902	296 660	11 468	22 582	8 590	9 685	145 826	55 245	24 675	18 589	41.0	9 242
Marshals and constables	5 279	5 183	253	251	158	105	1 916	736	689	1 075	45.8	96
Policemen and detectives	359 729	350 652	3 480	5 654	3 588	5 990	177 405	79 713	42 009	32 813	44.9	9 077
Public	345 055	336 403	2 953	4 958	3 160	5 304	172 042	76 781	40 047	31 158	44.9	8 652
Private	14 674	14 249	527	696	428	686	5 363	2 932	1 962	1 655	43.8	425
Sheriffs and bailiffs	32 516	31 879	476	758	586	1 309	12 045	6 252	4 112	6 341	47.4	637
Service workers, except private household—allocated	284 538	273 470	8 665	10 271	49 737	10 412	171 013	11 936	6 328	5 108	37.8	11 068
Private household workers	**35 771**	**34 711**	**7 738**	**5 162**	**2 694**	**1 737**	**10 549**	**3 295**	**1 438**	**2 098**	**32.1**	**1 060**
Occupation:												
Child care workers, private household	4 376	4 308	2 225	582	162	113	709	369	91	57	21.7	68
Cooks, private household	1 912	1 856	221	87	78	68	675	306	164	257	41.0	56
Housekeepers, private household	3 373	3 268	314	255	153	289	955	526	409	367	40.6	105
Laundresses, private household	457	442	127	17	22	45	53	44	60	74	36.5	15
Maids and servants, private household	22 812	22 225	4 828	4 169	1 561	1 107	6 489	2 036	714	1 321	31.4	587
Private household workers—allocated	2 841	2 612	23	52	718	115	1 668	14	–	22	37.2	229
Living arrangement:												
Living in	2 680	2 660	84	73	74	246	890	471	226	596	46.5	20
Housekeepers, private household	733	733	–	24	–	82	212	174	92	149	47.9	–
Maids and servants, private household	1 405	1 385	46	32	52	121	515	151	98	370	47.2	20
Living out	33 091	32 051	7 654	5 089	2 620	1 491	9 659	2 824	1 212	1 502	30.9	1 040

Table 45. **Employed Persons by Hours Worked, Detailed Occupation, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total employed persons	At work									With a job, but not at work
		Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 to 59 hours	60 hours or more	Average (mean) hours	
Female, 16 years old and over	**29 074 510**	**27 934 761**	**2 476 599**	**3 775 342**	**2 425 639**	**3 268 989**	**12 586 042**	**2 165 987**	**647 696**	**588 467**	**34.8**	**1 139 749**
Professional, technical, and kindred workers	**4 575 990**	**4 313 493**	**383 040**	**550 493**	**371 058**	**510 945**	**1 889 954**	**382 950**	**124 974**	**100 079**	**35.2**	**262 497**
Accountants	179 845	175 495	5 511	11 836	8 685	24 338	93 504	18 399	6 912	6 310	38.9	4 350
Architects	2 090	2 047	159	218	93	329	897	185	142	24	36.3	43
Computer specialists	50 254	49 057	1 126	2 765	2 868	8 898	26 136	5 008	1 648	608	38.4	1 197
Computer programers	37 231	36 417	777	1 856	2 276	6 710	19 638	3 602	1 108	450	38.5	814
Computer systems analysts	11 313	10 947	309	821	485	1 970	5 470	1 286	448	158	38.3	366
Computer specialists, n.e.c	1 710	1 693	40	88	107	218	1 028	120	92	–	38.4	17
Engineers	20 077	19 607	274	662	1 076	1 629	11 970	2 474	922	600	40.4	470
Aeronautical and astronautical	974	948	–	20	133	20	626	86	41	22	40.2	26
Chemical	556	556	22	–	46	32	440	–	16	–	38.2	–
Civil	2 601	2 514	82	109	131	173	1 361	417	143	98	40.3	87
Electrical and electronic	4 812	4 743	48	140	256	691	2 721	574	213	100	40.0	69
Industrial	5 674	5 577	28	235	314	327	3 773	590	278	32	39.8	97
Mechanical	1 667	1 559	54	19	53	77	883	296	76	101	41.8	108
Metallurgical and materials	128	128	–	19	–	21	88	–	–	–	...	–
Mining	54	54	–	19	–	–	22	13	–	–	...	–
Petroleum	102	102	–	–	–	24	44	34	–	–	...	–
Sales	435	435	–	19	–	22	207	87	22	78	46.0	–
Engineers, n.e.c	3 074	2 991	40	82	143	242	1 805	377	133	169	41.3	83
Farm management advisors	944	907	29	88	69	–	405	171	103	42	40.5	37
Foresters and conservationists	1 577	1 466	31	142	116	46	635	326	90	80	40.4	111
Home management advisors	5 390	5 245	154	500	218	518	2 550	799	377	129	39.1	145
Lawyers and judges	13 182	12 741	943	906	866	1 752	4 359	2 419	782	714	38.7	441
Judges	662	620	60	77	37	60	268	118	–	–	34.8	42
Lawyers	12 520	12 121	883	829	829	1 692	4 091	2 301	782	714	38.9	399
Librarians, archivists, and curators	101 008	95 709	11 350	13 908	6 695	19 074	37 349	5 436	1 020	877	32.8	5 299
Librarians	98 892	93 714	11 148	13 582	6 658	18 837	36 447	5 303	945	794	32.8	5 178
Archivists and curators	2 116	1 995	202	326	37	237	902	133	75	83	35.1	121
Mathematical specialists	12 484	12 138	407	749	557	3 354	6 089	596	236	150	37.2	346
Actuaries	1 516	1 451	60	135	50	771	284	106	23	22	35.6	65
Mathematicians	1 978	1 931	35	147	44	404	1 103	132	24	42	38.2	47
Statisticians	8 990	8 756	312	467	463	2 179	4 702	358	189	86	37.2	234
Life and physical scientists	26 886	26 129	937	2 216	1 839	2 950	14 358	2 589	830	410	37.7	757
Agricultural	1 074	1 074	109	208	83	57	313	178	77	49	35.5	–
Atmospheric and space	602	602	120	117	21	19	277	34	–	14	30.5	–
Biological	10 200	9 797	385	947	707	987	5 296	1 170	208	97	37.2	403
Chemists	12 894	12 578	249	789	815	1 740	7 244	1 134	470	137	38.4	316
Geologists	704	704	38	56	57	39	476	16	22	–	36.4	–
Marine	156	139	–	11	42	–	86	–	–	–	...	17
Physicists and astronomers	979	958	36	88	114	43	503	23	38	113	40.0	21
Life and physical, n.e.c	277	277	–	–	–	65	163	34	15	–	...	–
Operations and systems researchers and analysts	6 966	6 786	42	203	547	1 155	3 607	896	242	94	39.6	180
Personnel and labor relations workers	91 242	88 823	1 739	3 932	4 236	17 918	48 093	9 206	2 441	1 258	38.7	2 419
Physicians, dentists, and related practitioners	44 417	42 819	3 509	5 516	2 434	2 584	12 444	5 934	4 131	6 267	40.6	1 598
Chiropractors	1 077	1 043	200	113	115	75	233	142	109	56	34.4	34
Dentists	2 763	2 708	268	513	195	225	883	476	65	83	34.6	55
Optometrists	693	675	46	17	48	141	157	185	18	63	40.6	18
Pharmacists	13 150	12 663	1 466	2 143	975	723	4 116	1 585	889	766	35.7	487
Physicians, medical and osteopathic	24 804	23 823	1 339	2 229	984	1 354	6 506	3 374	2 952	5 085	44.5	981
Podiatrists	565	565	44	144	58	17	201	58	21	22	34.0	–
Veterinarians	1 056	1 033	82	206	59	49	285	100	60	192	39.8	23
Health practitioners, n.e.c	309	309	64	151	–	–	63	14	17	–	...	–
Registered nurses, dietitians, and therapists	899 102	859 098	52 438	146 557	51 802	45 696	446 085	76 428	23 752	16 340	35.6	40 004
Dietitians	37 186	35 759	2 272	3 691	1 806	2 209	21 311	3 212	613	645	36.6	1 427
Registered nurses	813 814	777 545	46 213	136 730	47 498	38 361	401 308	69 916	22 393	15 126	35.5	36 269
Therapists	48 102	45 794	3 953	6 136	2 498	5 126	23 466	3 300	746	569	34.8	2 308

Table 45. Employed Persons by Hours Worked, Detailed Occupation, and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total employed persons	At work									With a job, but not at work
		Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 to 59 hours	60 hours or more	Average (mean) hours	
Female, 16 years old and over—Con.												
Professional, technical, and kindred workers—Con.												
Health technologists and technicians	182 173	176 718	11 588	19 000	9 287	15 000	93 204	21 657	4 820	2 162	36.5	5 455
Clinical laboratory technologists and technicians	84 738	82 003	4 539	8 301	3 838	6 353	44 698	11 152	2 270	852	37.1	2 735
Dental hygienists	16 281	15 777	2 385	3 711	2 178	2 034	4 227	1 028	196	18	29.7	504
Health record technologists and technicians	10 254	10 020	621	677	289	843	6 208	1 007	282	93	37.4	234
Radiologic technologists and technicians	35 789	34 817	1 804	3 319	1 470	2 428	18 744	5 078	1 261	713	37.9	972
Therapy assistants	2 004	1 986	161	272	74	194	1 139	39	86	21	35.1	18
Health technologists and technicians, n.e.c	33 107	32 115	2 078	2 720	1 438	3 148	18 188	3 353	725	465	36.9	992
Religious workers	25 709	24 863	4 921	3 302	1 644	1 324	4 784	2 933	1 909	4 046	36.8	846
Clergymen	6 295	6 172	733	494	319	229	1 437	718	584	1 658	43.8	123
Religious workers, n.e.c	19 414	18 691	4 188	2 808	1 325	1 095	3 347	2 215	1 325	2 388	34.5	723
Social scientists	20 217	19 356	1 465	2 431	1 503	2 910	8 022	1 860	750	415	35.7	861
Economists	7 562	7 297	419	489	563	1 455	3 427	553	235	156	37.0	265
Political scientists	247	190	24	20	–	19	109	18	–	–	...	57
Psychologists	10 130	9 739	853	1 588	789	1 176	3 729	981	455	168	34.7	391
Sociologists	453	433	21	153	19	42	89	88	21	–	32.8	20
Urban and regional planners	922	852	–	100	43	144	346	123	19	77	40.5	70
Social scientists, n.e.c	903	845	148	81	89	74	322	97	20	14	32.9	58
Social and recreation workers	157 337	150 840	10 069	13 385	7 543	25 813	77 496	10 974	2 966	2 594	36.3	6 497
Social	137 119	131 890	5 045	10 453	6 581	23 966	71 861	9 524	2 529	1 931	37.3	5 229
Recreation	20 218	18 950	5 024	2 932	962	1 847	5 635	1 450	437	663	29.6	1 268
Teachers, college and university	139 278	127 898	30 078	23 586	8 638	8 122	33 842	11 698	6 099	5 835	30.7	11 380
Agriculture	235	235	20	72	18	–	84	16	25	–	...	–
Atmospheric, earth, marine, and space	544	524	188	196	16	–	38	20	44	22	23.7	20
Biology	4 353	4 124	997	639	140	306	1 134	452	281	175	31.5	229
Chemistry	1 761	1 637	217	368	109	121	486	108	72	156	34.4	124
Physics	615	559	104	92	12	60	201	22	42	26	32.9	56
Engineering	998	937	165	108	81	130	226	74	22	131	35.8	61
Mathematics	4 641	4 213	1 041	997	312	371	1 024	231	165	72	28.0	428
Health specialties	13 202	12 372	1 003	1 769	899	949	4 867	1 676	763	446	36.5	830
Psychology	3 747	3 388	493	558	233	302	782	572	245	203	35.0	359
Business and commerce	4 365	3 999	651	631	378	403	1 040	509	163	224	33.6	366
Economics	842	703	83	110	37	75	220	85	33	60	36.2	139
History	2 959	2 691	656	469	155	154	655	257	103	242	31.9	268
Sociology	1 661	1 509	325	336	72	122	321	101	144	88	31.5	152
Social science teachers, n.e.c	2 641	2 468	428	250	104	251	964	191	149	131	34.6	173
Art, drama, and music	10 526	9 781	2 937	2 149	990	547	1 602	801	442	313	27.2	745
Coaches and physical education	4 380	4 016	1 008	744	348	260	1 094	273	210	79	29.2	364
Education	2 187	2 009	105	263	181	150	636	389	90	195	39.4	178
English	16 017	14 217	3 620	2 579	906	812	3 809	1 079	777	635	30.1	1 800
Foreign language	9 739	8 451	2 967	1 543	507	450	1 917	580	236	251	26.2	1 288
Home economics	3 956	3 780	479	559	284	64	1 202	660	258	274	36.5	176
Law	197	197	19	51	–	–	41	33	37	16	...	–
Theology	792	756	100	86	63	59	154	194	79	21	36.3	36
Trade, industrial, and technical	663	614	96	68	91	75	151	88	–	45	34.2	49
Miscellaneous teachers, college and university	5 256	4 729	921	895	324	328	1 120	469	294	378	33.1	527
Teachers, college and university, subject not specified	43 001	39 989	11 455	8 054	2 378	2 133	10 074	2 818	1 425	1 652	28.4	3 012
Teachers, except college and university	1 936 646	1 787 877	173 028	238 910	189 485	270 112	667 142	161 498	50 958	36 744	34.4	148 769
Adult education	23 355	21 863	4 695	3 314	1 988	2 222	7 200	1 485	543	416	30.4	1 492
Elementary school	1 197 807	1 106 138	74 352	130 061	129 023	177 891	440 108	102 580	30 395	21 728	35.5	91 669
Public	982 369	904 536	56 309	97 991	104 458	150 253	371 546	83 861	24 824	15 294	35.8	77 833
Private	215 438	201 602	18 043	32 070	24 565	27 638	68 562	18 719	5 571	6 434	34.4	13 836
Prekindergarten and kindergarten	122 792	112 757	16 516	35 769	10 358	11 363	29 131	6 040	2 009	1 571	29.1	10 035
Public	54 981	49 801	2 541	10 239	6 049	7 628	18 924	3 347	556	517	33.7	5 180
Private	67 811	62 956	13 975	25 530	4 309	3 735	10 207	2 693	1 453	1 054	25.4	4 855

Table 45. **Employed Persons by Hours Worked, Detailed Occupation, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total employed persons	At work									With a job, but not at work
		Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 to 59 hours	60 hours or more	Average (mean) hours	
Female, 16 years old and over—Con.												
Professional, technical, and kindred workers—Con.												
Teachers, except college and university—Continued												
Secondary school	485 591	444 937	30 463	47 737	42 550	74 441	174 792	47 320	16 088	11 546	36.2	40 654
Public	402 153	368 449	23 384	37 271	35 479	64 046	148 853	38 560	12 786	8 070	36.3	33 704
Private	83 438	76 488	7 079	10 466	7 071	10 395	25 939	8 760	3 302	3 476	35.7	6 950
Teachers, except college and university, n.e.c.	107 101	102 182	47 002	22 029	5 566	4 195	15 911	4 073	1 923	1 483	21.5	4 919
Engineering and science technicians	88 305	85 185	5 719	5 947	4 563	6 985	51 628	7 328	2 002	1 013	36.9	3 120
Agriculture and biological, except health	10 232	9 866	743	922	481	875	5 546	951	283	65	36.2	366
Chemical	8 518	8 156	587	438	656	623	5 047	564	161	80	36.7	362
Draftsmen	23 267	22 504	629	1 504	1 344	2 161	14 267	1 832	511	256	38.1	763
Electrical and electronic engineering	9 124	8 818	130	372	381	351	6 299	967	171	147	39.6	306
Industrial engineering	2 691	2 595	42	226	160	191	1 582	356	38	–	38.1	96
Mechanical engineering	394	394	41	42	–	42	220	–	30	19	...	–
Mathematical	36	36	–	–	–	–	36	–	–	–	...	–
Surveyors	1 767	1 644	309	307	121	143	526	145	32	61	31.4	123
Engineering and science, n.e.c.	32 276	31 172	3 238	2 136	1 420	2 599	18 105	2 513	776	385	35.8	1 104
Technicians, except health, and engineering and science	16 992	16 605	638	1 247	811	1 025	10 016	1 631	564	673	38.9	387
Airplane pilots	507	469	61	52	18	–	178	18	63	79	40.3	38
Air traffic controllers	1 147	1 126	–	73	38	27	869	37	21	61	40.4	21
Embalmers	158	158	–	–	22	38	44	–	–	54	...	–
Flight engineers	124	124	22	39	21	21	–	–	21	–	...	–
Radio operators	7 485	7 340	155	526	273	228	4 573	954	239	392	40.3	145
Tool programers, numerical control	439	418	41	21	60	43	140	72	–	41	38.2	21
Technicians, n.e.c.	7 132	6 970	359	536	379	668	4 212	550	220	46	37.1	162
Vocational and educational counselors	48 000	44 497	3 582	5 764	3 382	6 077	16 515	5 835	1 428	1 914	36.3	3 503
Writers, artists, and entertainers	229 309	220 951	49 503	30 965	15 382	28 159	65 788	18 426	6 472	6 256	30.8	8 358
Actors	3 855	3 696	694	854	396	264	1 073	132	175	108	30.1	159
Athletes and kindred workers	14 051	13 307	5 081	2 058	852	1 080	2 140	1 005	399	692	26.4	744
Authors	7 611	7 315	1 228	1 329	724	563	2 152	709	138	472	32.8	296
Dancers	4 901	4 659	736	1 011	611	675	1 036	251	115	224	31.2	242
Designers	25 603	24 769	2 056	2 619	1 595	4 101	9 792	2 854	968	784	36.3	834
Editors and reporters	59 104	57 288	7 005	7 434	3 177	10 970	20 520	5 588	1 597	997	33.9	1 816
Musicians and composers	31 496	30 383	20 912	4 749	1 693	532	1 436	470	218	373	15.0	1 113
Painters and sculptors	37 459	35 973	5 961	5 217	3 231	4 517	12 022	2 787	1 091	1 147	32.5	1 486
Photographers	8 803	8 364	738	1 043	504	736	3 307	1 160	459	417	37.0	439
Public relations men and publicity writers	19 229	18 699	1 043	2 023	1 258	3 072	7 620	2 266	832	585	37.2	530
Radio and television announcers	1 344	1 307	282	240	109	102	249	229	76	20	30.9	37
Writers, artists, and entertainers, n.e.c.	15 853	15 191	3 767	2 388	1 232	1 547	4 441	975	404	437	29.6	662
Research workers, not specified	29 016	27 830	3 435	5 250	1 769	4 177	10 728	1 533	564	374	32.3	1 186
Professional, technical, and kindred workers—allocated	247 544	232 806	10 365	10 508	44 950	11 000	142 308	6 711	2 814	4 150	36.8	14 738
Managers and administrators, except farm	**1 061 076**	**1 029 721**	**42 187**	**63 152**	**58 102**	**114 606**	**411 468**	**151 620**	**73 217**	**115 369**	**41.7**	**31 355**
Assessors, controllers, and treasurers; local public administration	10 670	10 420	1 236	1 187	557	1 627	4 893	662	154	104	33.9	250
Bank officers and financial managers	54 629	53 577	1 081	1 882	2 057	11 292	27 254	7 670	1 696	645	39.2	1 052
Buyers and shippers, farm products	440	440	–	69	75	20	198	39	–	39	38.6	–
Buyers, wholesale and retail trade	52 430	51 069	1 421	2 529	2 420	7 487	23 685	8 933	2 640	1 954	40.0	1 361
Credit men	16 987	16 586	114	926	556	2 142	9 839	2 252	614	143	39.5	401
Funeral directors	2 438	2 402	150	261	118	64	553	255	193	808	46.9	36
Health administrators	37 706	36 831	944	1 798	1 065	2 449	16 864	6 113	2 612	4 986	43.6	875
Construction inspectors, public administration	185	185	–	–	39	21	125	–	–	–	...	–
Inspectors, except construction; public administration	5 556	5 237	209	277	158	539	3 196	561	158	139	38.9	319
Federal public administration and postal service	3 758	3 567	104	223	124	230	2 210	442	158	76	39.3	191
State public administration	1 023	942	26	19	–	159	602	98	–	38	39.9	86
Local public administration	770	728	79	35	34	150	384	21	–	25	35.6	42
Managers and superintendents, building	34 518	33 936	4 597	3 895	2 166	1 438	9 462	4 239	2 498	5 641	39.3	582
Office managers, n.e.c.	86 909	84 948	1 334	3 677	3 668	15 401	42 259	12 723	3 829	2 057	39.8	1 961
Officers, pilots, and pursers, ship	504	487	–	42	19	134	158	54	27	53	41.5	17

Table 45. Employed Persons by Hours Worked, Detailed Occupation, and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total employed persons	At work									With a job, but not at work
		Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 to 59 hours	60 hours or more	Average (mean) hours	
Female, 16 years old and over—Con.												
Managers and administrators, except farm—Con.												
Officials and administrators, public administration, n.e.c	44 661	43 894	2 176	2 712	2 290	4 262	26 178	4 006	1 322	948	38.0	767
Federal public administration and postal service	19 782	19 447	336	678	683	765	14 394	1 692	654	245	39.7	335
State public administration	5 963	5 853	228	428	160	1 042	3 047	552	198	198	38.4	110
Local public administration	18 916	18 594	1 612	1 606	1 447	2 455	8 737	1 762	470	505	36.1	322
Officials of lodges, societies, and unions	7 827	7 576	686	676	403	1 072	2 797	996	435	511	37.9	251
Postmasters and mail superintendents	10 608	10 408	623	583	226	387	5 162	2 400	347	680	40.4	200
Purchasing agents and buyers, n.e.c	22 180	21 681	229	609	990	3 139	14 289	1 793	399	233	39.2	499
Railroad conductors	419	399	38	38	–	–	194	–	23	106	...	20
Restaurant, cafeteria, and bar managers	109 189	104 561	3 942	7 291	8 753	8 729	27 263	13 286	10 750	24 547	45.4	4 628
Sales managers and department heads, retail trade	51 022	49 670	833	2 325	1 807	7 656	25 578	7 885	2 278	1 308	40.0	1 352
Sales managers, except retail trade	8 753	8 604	339	344	499	1 097	3 527	1 469	726	603	41.2	149
School administrators, college	8 696	8 489	415	722	401	1 057	3 026	1 381	664	823	40.7	207
School administrators, elementary and secondary	46 220	43 646	2 581	3 775	3 479	4 425	14 454	8 370	3 346	3 216	39.7	2 574
Managers and administrators, n.e.c., salaried	264 955	256 728	11 030	15 940	11 408	31 724	99 966	43 535	20 085	23 040	41.2	8 227
Construction	4 376	4 219	376	217	226	228	1 888	605	346	333	39.7	157
Durable goods manufacturing	12 655	12 165	508	391	741	1 248	5 754	2 211	677	635	40.5	490
Nondurable goods, incl. not specified manufacturing	16 460	16 022	589	1 081	908	2 478	6 818	2 430	925	793	39.6	438
Transportation	15 213	14 750	955	1 339	962	1 653	6 530	2 030	663	618	37.9	463
Communications, and utilities and sanitary services	10 739	10 496	244	287	398	1 932	5 534	1 317	588	196	39.7	243
Wholesale trade	10 244	9 803	672	860	425	1 007	3 824	1 583	801	631	39.3	441
Retail trade	85 888	83 170	2 409	4 449	2 797	5 451	31 807	19 007	9 150	8 100	43.2	2 718
Hardware, farm equipment, and building material retailing	1 987	1 911	206	77	59	70	678	480	185	156	40.5	76
General merchandise stores	22 335	21 597	386	990	595	1 872	10 910	4 446	1 684	714	41.2	738
Food stores	16 815	16 355	428	771	526	538	4 869	3 397	2 178	3 648	47.3	460
Motor vehicles and accessories retailing	2 566	2 547	56	103	103	152	672	598	529	334	45.9	19
Gasoline service stations	1 987	1 859	61	78	58	110	488	350	204	510	48.2	128
Apparel and accessories stores	17 963	17 328	318	875	392	1 133	6 790	5 102	1 840	878	42.6	635
Furniture, home furnishings, and equipment stores	3 380	3 292	185	198	166	303	1 185	663	390	202	40.8	88
Other retail trade	18 855	18 281	769	1 357	898	1 273	6 215	3 971	2 140	1 658	42.0	574
Finance, insurance and real estate	22 314	21 798	1 143	1 157	856	6 691	8 115	2 208	788	840	38.0	516
Business and repair services	14 093	13 466	465	729	538	2 369	5 642	2 009	949	765	40.3	627
Personal services	30 746	29 897	1 400	1 884	1 237	1 566	8 595	4 901	2 794	7 520	46.3	849
All other industries[1]	42 227	40 942	2 269	3 546	2 320	7 101	15 459	5 234	2 404	2 609	38.8	1 285
Managers and administrators, n.e.c., self-employed	140 782	137 153	6 445	10 084	7 709	5 925	25 778	21 557	17 810	41 845	48.0	3 629
Construction	2 020	1 872	119	147	148	105	600	353	222	178	41.0	148
Durable goods manufacturing	2 157	2 157	156	320	153	234	469	396	112	317	39.9	–
Nondurable goods, incl. not specified manufacturing	4 030	3 916	245	368	304	332	903	684	391	689	42.7	114
Transportation	2 173	2 084	123	112	106	96	639	184	151	673	47.3	89
Communications, and utilities and sanitary services	169	140	–	–	–	–	40	20	21	59	...	29
Wholesale trade	4 005	3 832	306	396	245	171	1 101	543	496	574	41.7	173
Retail trade	85 837	83 896	3 213	5 526	4 150	3 281	14 487	14 223	12 560	26 456	49.1	1 941
Hardware, farm equipment, and building material retailing	2 231	2 177	17	99	135	74	411	622	403	416	47.9	54
General merchandise stores	7 951	7 760	415	590	454	286	1 341	1 310	1 349	2 015	47.0	191
Food stores	31 495	30 979	894	1 395	859	865	4 194	3 786	4 547	14 439	54.0	516
Motor vehicles and accessories retailing	1 106	1 019	43	109	46	107	83	146	265	220	46.3	87
Gasoline service stations	3 406	3 392	106	182	–	59	423	458	274	1 890	55.9	14
Apparel and accessories stores	9 634	9 402	245	460	563	502	2 294	2 662	1 579	1 097	44.8	232
Furniture, home furnishings, and equipment stores	3 937	3 853	219	244	248	227	1 076	865	489	485	42.9	84
Other retail trade	26 077	25 314	1 274	2 447	1 845	1 161	4 665	4 374	3 654	5 894	45.5	763
Finance, insurance, and real estate	2 425	2 349	292	398	339	77	509	187	174	373	37.6	76
Business and repair services	5 577	5 496	479	547	409	418	1 333	862	277	1 171	42.2	81
Personal services	25 192	24 390	1 108	1 384	1 352	884	4 371	3 217	2 623	9 451	50.3	802
All other industries[1]	7 197	7 021	404	886	503	327	1 326	888	783	1 904	45.1	176
Managers and administrators, except farm—allocated	42 792	40 794	1 764	1 510	7 239	2 519	24 770	1 441	611	940	37.3	1 998

[1] Includes transportation, communications, and other public utilities—allocated.

Table 45. **Employed Persons by Hours Worked, Detailed Occupation, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total employed persons	At work										With a job, but not at work
		Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 to 59 hours	60 hours or more	Average (mean) hours	
Female, 16 years old and over—Con.												
Sales workers	**2 142 509**	**2 063 622**	**320 065**	**479 136**	**197 115**	**248 690**	**592 680**	**135 804**	**44 671**	**45 461**	**30.7**	**78 887**
Advertising agents and salesmen	13 230	12 773	993	1 615	773	2 314	5 214	1 492	221	151	35.2	457
Auctioneers	237	217	56	22	27	–	19	93	–	–	...	20
Demonstrators	35 371	32 435	17 387	6 824	1 782	853	3 953	759	431	446	19.0	2 936
Hucksters and peddlers	94 936	89 872	49 029	25 801	5 360	1 806	4 805	1 447	910	714	17.0	5 064
Insurance agents, brokers, and underwriters	57 327	55 922	2 853	4 718	3 777	16 137	19 965	4 671	2 067	1 734	37.0	1 405
Newsboys	10 686	10 550	3 938	3 586	653	445	836	523	275	294	22.4	136
Real estate agents and brokers	84 333	79 515	11 687	14 775	8 104	5 096	18 948	9 942	5 051	5 912	34.4	4 818
Stock and bond salesmen	8 486	8 226	489	710	720	1 532	3 417	701	331	326	37.2	260
Salesmen and sales clerks, n.e.c	1 676 146	1 623 343	225 738	413 381	144 081	216 020	442 509	113 183	34 290	34 141	30.8	52 803
Sales representatives, manufacturing industries	35 324	34 098	4 470	5 550	2 753	3 799	12 093	3 560	987	886	33.4	1 226
Sales representatives, wholesale trade	40 891	39 848	4 462	6 076	2 645	3 737	14 542	5 261	1 704	1 421	35.0	1 043
Sales clerks, retail trade	1 464 718	1 418 641	197 646	374 230	128 821	196 702	375 695	90 878	26 558	28 111	30.5	46 077
General merchandise stores	655 589	633 805	80 918	179 693	58 912	111 736	174 109	20 593	4 689	3 155	29.5	21 784
Food stores	164 864	160 648	23 216	42 957	16 098	12 291	34 633	13 166	6 443	11 844	32.3	4 216
Apparel and accessories stores	272 586	263 973	39 007	65 834	23 143	37 334	70 075	21 510	4 653	2 417	30.2	8 613
Other sales clerks, retail trade	371 679	360 215	54 505	85 746	30 668	35 341	96 878	35 609	10 773	10 695	31.4	11 464
Salesmen, retail trade	58 050	56 315	6 785	10 586	3 845	4 048	17 353	8 007	3 552	2 139	34.5	1 735
Motor vehicles and accessories dealers	5 112	4 995	157	492	237	212	1 302	1 155	736	704	44.0	117
Salesmen of services and construction	77 163	74 441	12 375	16 939	6 017	7 734	22 826	5 477	1 489	1 584	30.6	2 722
Sales workers—allocated	161 757	150 769	7 895	7 704	31 838	4 487	93 014	2 993	1 095	1 743	36.1	10 988
Clerical and kindred workers	**10 149 827**	**9 842 361**	**668 862**	**1 158 211**	**699 542**	**1 543 249**	**4 913 576**	**622 390**	**141 795**	**94 736**	**35.2**	**307 466**
Bank tellers	216 276	211 472	7 467	20 313	17 097	54 164	96 906	13 541	1 261	723	35.9	4 804
Billing clerks	84 408	81 938	2 988	6 879	4 797	12 923	46 632	6 364	863	492	36.9	2 470
Bookkeepers	1 273 708	1 246 355	78 475	143 679	81 921	196 886	587 141	109 515	26 492	22 246	36.0	27 353
Cashiers	691 729	667 245	80 716	182 536	61 500	61 285	213 535	45 500	12 726	9 447	30.9	24 484
Clerical assistants, social welfare	909	888	47	138	59	97	472	–	22	53	36.4	21
Clerical supervisors, n.e.c	47 586	46 449	698	1 257	1 834	10 376	26 193	4 314	1 263	514	39.0	1 137
Collectors, bill and account	18 361	17 755	1 158	1 770	890	2 417	9 732	1 053	265	470	36.4	606
Counter clerks, except food	149 635	145 416	13 427	24 734	11 943	15 841	57 667	15 431	4 198	2 175	34.2	4 219
Dispatchers and starters, vehicle	10 954	10 640	558	1 049	422	730	5 282	1 388	540	671	39.1	314
Enumerators and interviewers	53 246	52 070	7 034	10 527	5 703	6 255	14 083	4 588	1 918	1 962	32.6	1 176
Estimators and investigators, n.e.c	100 139	96 971	3 990	9 186	4 924	18 285	51 731	6 371	1 707	777	36.6	3 168
Expeditors and production controllers	44 184	42 772	537	1 820	2 814	5 239	26 416	4 535	1 226	185	38.9	1 412
File clerks	297 452	288 437	27 925	35 292	16 611	47 484	145 662	11 863	2 458	1 142	33.9	9 015
Insurance adjusters, examiners, and investigators	24 663	24 118	281	740	977	10 407	9 525	1 740	260	188	37.8	545
Library attendants and assistants	99 024	94 589	28 715	22 336	4 978	11 123	24 961	1 717	424	335	25.2	4 435
Mail carriers, post office	19 488	18 545	2 757	3 117	1 308	1 477	7 003	1 953	512	418	32.8	943
Mail handlers, except post office	53 237	51 334	5 492	6 195	3 268	7 706	25 247	2 552	569	305	33.8	1 903
Messengers, including telegraph, and office boys	11 351	10 821	2 096	1 928	374	1 025	4 490	720	147	41	30.4	530
Meter readers, utilities	971	914	80	77	80	74	545	25	15	18	35.5	57
Office machine operators	413 611	400 786	14 541	31 777	24 847	66 519	224 609	29 535	6 318	2 640	37.0	12 825
Bookkeeping and billing machine	57 812	56 410	1 597	4 354	3 610	12 608	28 473	4 905	676	187	37.0	1 402
Calculating machine	32 697	31 743	1 404	2 723	2 600	6 470	16 426	1 725	147	248	36.1	954
Computer and peripheral equipment	35 117	34 017	788	1 754	1 590	4 845	20 632	3 067	849	492	38.6	1 100
Duplicating machine	11 211	10 754	944	929	660	1 678	5 709	596	180	58	35.1	457
Keypunch	247 862	240 093	7 878	19 495	14 578	36 222	139 071	17 353	4 003	1 493	37.1	7 769
Tabulating machine	4 656	4 557	272	263	286	803	2 485	368	62	18	36.6	99
Office machine, n.e.c	24 256	23 212	1 658	2 259	1 523	3 893	11 813	1 521	401	144	35.5	1 044
Payroll and timekeeping clerks	107 484	104 670	3 493	6 768	6 457	15 557	61 099	9 144	1 514	638	37.5	2 814
Postal clerks	88 298	84 574	11 476	14 646	5 434	3 534	40 550	6 529	1 428	977	32.7	3 724
Proofreaders	20 981	20 427	1 420	2 302	1 244	5 102	8 018	1 731	478	132	35.1	554
Real estate appraisers	925	891	20	122	41	108	378	160	–	62	38.9	34
Receptionists	288 964	281 457	32 123	41 142	17 375	37 743	127 725	19 653	3 542	2 154	33.3	7 507

Table 45. Employed Persons by Hours Worked, Detailed Occupation, and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total employed persons	At work										With a job, but not at work
		Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 to 59 hours	60 hours or more	Average (mean) hours	
Female, 16 years old and over—Con.												
Clerical and kindred workers—Continued												
Secretaries	2 642 576	2 578 226	126 648	248 369	157 693	493 232	1 342 967	156 708	33 224	19 385	36.1	64 350
Secretaries, legal	84 734	82 811	2 437	7 582	4 857	28 156	32 476	5 579	1 112	612	36.3	1 923
Secretaries, medical	68 605	66 688	2 610	7 690	4 068	9 469	34 387	6 654	1 256	554	36.6	1 917
Shipping and receiving clerks	58 814	56 722	952	3 860	3 567	6 840	33 657	5 898	1 655	293	38.3	2 092
Statistical clerks	158 040	153 508	5 739	11 166	8 897	34 517	80 938	9 245	1 859	1 147	36.8	4 532
Stenographers	119 990	117 220	3 676	8 552	6 363	19 627	72 441	4 505	1 113	943	37.1	2 770
Stock clerks and storekeepers	101 520	98 257	4 294	9 143	6 001	10 684	58 676	7 169	1 447	843	36.8	3 263
Teacher aides, except school monitors	117 012	107 394	19 643	30 829	17 477	14 818	22 201	1 533	476	417	27.1	9 618
Telegraph operators	3 662	3 535	234	149	142	293	1 794	527	303	93	39.2	127
Telephone operators	391 641	374 617	20 031	40 028	21 287	38 470	220 891	26 568	5 005	2 337	36.2	17 024
Ticket, station, and express agents	36 121	33 895	1 035	2 386	1 276	1 716	21 478	4 356	1 060	588	38.9	2 226
Typists	922 777	895 707	71 794	105 883	52 771	153 601	463 055	37 162	6 938	4 503	34.5	27 070
Weighers	11 249	10 783	787	1 051	1 180	1 121	5 369	944	275	56	35.5	466
Miscellaneous and not specified clerical workers	927 350	900 636	65 105	103 748	54 072	147 662	456 100	53 854	12 006	8 089	35.2	26 714
Occupation:												
Miscellaneous clerical workers	302 791	293 292	18 632	29 831	16 359	51 179	153 661	16 582	4 455	2 593	35.7	9 499
Not specified clerical workers	624 559	607 344	46 473	73 917	37 713	96 483	302 439	37 272	7 551	5 496	34.9	17 215
Industry:												
Manufacturing	129 176	125 793	4 932	9 114	8 294	15 756	76 077	9 585	1 420	615	37.1	3 383
Transportation, communications, and other public utilities	104 412	100 447	2 106	4 866	4 450	18 571	61 519	6 306	1 858	771	38.2	3 965
Wholesale and retail trade	187 487	182 385	15 291	33 670	12 720	23 140	80 332	12 561	2 627	2 044	33.7	5 102
Finance, insurance, and real estate	144 897	141 731	5 374	12 520	7 377	46 844	59 697	7 658	1 479	782	36.0	3 166
Professional and related services	161 971	156 182	23 487	23 145	8 708	18 965	72 100	6 827	1 695	1 255	32.1	5 789
Public administration	115 678	112 842	4 815	6 861	5 794	14 573	73 357	5 337	1 402	703	37.2	2 836
All other industries	83 729	81 256	9 100	13 572	6 729	9 813	33 018	5 580	1 525	1 919	33.4	2 473
Clerical and kindred workers—allocated	541 491	510 327	21 410	22 717	91 918	28 311	318 407	13 999	6 288	7 277	36.9	31 164
Craftsmen and kindred workers	**517 648**	**500 315**	**21 482**	**37 012**	**37 812**	**48 225**	**259 502**	**62 705**	**19 662**	**13 915**	**38.3**	**17 333**
Automobile accessories installers	328	328	–	43	46	–	145	80	14	–	...	–
Bakers	32 092	30 506	1 774	4 651	4 068	3 868	10 219	3 770	963	1 193	36.0	1 586
Cabinetmakers	3 301	3 175	108	215	163	160	1 982	385	120	42	38.6	126
Carpet installers	735	735	36	54	92	77	284	112	62	18	38.3	–
Construction craftsmen	47 096	45 448	2 530	4 035	3 230	3 133	24 102	5 299	1 686	1 433	37.8	1 648
Brickmasons and stonemasons	2 054	2 011	45	193	166	262	1 058	189	48	50	37.9	43
Brickmasons and stonemasons, apprentices	168	168	–	–	7	20	94	24	23	–	...	–
Bulldozer operators	1 245	1 206	16	85	17	–	686	218	118	66	42.1	39
Carpenters	11 110	10 701	487	912	861	790	5 439	1 649	318	245	38.0	409
Carpenter apprentices	124	124	–	–	–	43	62	–	19	–	...	–
Cement and concrete finishers	1 078	1 010	66	59	51	131	600	41	35	27	37.3	68
Electricians	8 283	7 989	100	201	283	484	5 593	820	294	214	40.5	294
Electrician apprentices	229	229	–	–	–	77	122	30	–	–	...	–
Excavating, grading, and road machine operators, except bulldozer	2 360	2 300	121	117	169	9	1 283	322	164	115	40.0	60
Floor layers, except tile setters	355	355	–	19	36	26	206	40	–	28	...	–
Painters, construction and maintenance	12 716	12 183	1 347	1 699	1 146	855	5 274	989	377	496	34.8	533
Painter apprentices	16	16	–	–	–	–	–	16	–	–	...	–
Paperhangers	1 084	1 045	177	285	178	61	176	75	78	15	29.6	39
Plasterers	491	473	–	19	42	109	188	84	31	–	39.5	18
Plasterer apprentices	60	60	–	–	–	21	–	21	18	–	...	–
Plumbers and pipe fitters	4 048	3 957	81	215	75	216	2 517	574	152	127	40.2	91
Plumber and pipe fitter apprentices	159	159	–	–	–	–	126	33	–	–	...	–
Roofers and slaters	938	902	90	156	97	112	269	105	23	50	34.8	36
Structural metal craftsmen	913	895	–	38	84	54	605	95	19	–	39.1	18
Tile setters	421	421	–	37	25	24	208	98	29	–	39.9	–

Table 45. Employed Persons by Hours Worked, Detailed Occupation, and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total employed persons	At work										With a job, but not at work
		Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 to 59 hours	60 hours or more	Average (mean) hours	
Female, 16 years old and over—Con.												
Craftsmen and kindred workers—Continued												
Cranemen, derrickmen, and hoistmen	1 931	1 820	–	53	36	109	1 209	188	77	148	42.6	111
Decorators and window dressers	41 851	40 819	4 658	6 643	3 058	3 056	12 941	5 186	2 486	2 791	35.9	1 032
Dental laboratory technicians	6 207	6 039	271	808	448	407	3 310	625	115	55	36.3	168
Electric power linemen and cablemen	1 207	1 162	41	14	59	–	841	106	101	–	39.9	45
Engravers, except photoengravers	2 416	2 348	148	158	130	183	1 419	266	44	–	36.9	68
Foremen, n.e.c	126 344	123 029	1 881	4 046	6 018	13 562	69 039	20 216	5 687	2 580	40.2	3 315
Construction	1 416	1 378	22	38	110	130	707	188	120	63	41.2	38
Manufacturing	77 838	75 773	812	2 184	3 867	7 047	43 736	13 149	3 828	1 150	40.5	2 065
Metal industries	3 301	3 175	22	21	197	134	1 822	591	300	88	42.1	126
Machinery, except electrical	2 433	2 368	–	34	128	43	1 591	457	64	51	41.4	65
Electrical machinery, equipment, and supplies	9 045	8 756	19	119	369	375	5 884	1 589	383	18	40.9	289
Transportation equipment	2 111	2 002	–	–	112	52	1 182	478	96	82	42.7	109
Other durable goods	9 583	9 253	44	257	377	662	5 949	1 202	509	253	41.0	330
Food and kindred products	5 470	5 240	136	360	310	318	2 553	1 053	381	129	40.0	230
Textiles, textile products, and apparel	30 592	30 033	198	780	1 640	3 688	16 395	5 568	1 539	225	40.4	559
Other nondurable goods, including not specified manufacturing	15 303	14 946	393	613	734	1 775	8 360	2 211	556	304	39.5	357
Transportation	1 525	1 483	17	61	42	65	1 007	183	45	63	40.8	42
Communications, and utilities and sanitary services	4 505	4 347	–	38	132	656	2 880	468	173	–	40.2	158
Wholesale and retail trade	21 525	21 045	368	930	1 007	2 736	11 049	3 513	812	630	40.1	480
All other industries[1]	19 535	19 003	662	795	860	2 928	9 660	2 715	709	674	39.5	532
Furniture and wood finishers	3 701	3 634	111	385	268	193	2 305	228	96	48	37.3	67
Furriers	482	457	–	23	94	41	168	40	57	34	41.3	25
Glaziers	935	935	61	98	36	55	606	79	–	–	35.9	–
Inspectors, scalers, and graders; log and lumber	1 999	1 912	58	163	113	57	1 118	245	115	43	39.0	87
Inspectors, n.e.c	8 408	7 989	362	582	456	883	4 612	871	168	55	37.4	419
Construction	189	189	–	–	–	–	147	25	–	17	...	–
Railroads and railway express service	224	224	–	23	–	–	117	27	38	19	...	–
Jewelers and watchmakers	4 014	3 820	214	255	279	286	2 090	449	99	148	38.2	194
Locomotive engineers	456	456	–	17	20	21	218	35	79	66	45.7	–
Locomotive firemen	228	228	–	–	–	71	99	43	–	15	...	–
Mechanics and repairmen	49 170	47 840	1 338	2 257	2 482	2 109	28 208	6 743	2 656	2 047	40.4	1 330
Air conditioning, heating, and refrigeration	1 074	1 061	13	21	87	40	590	145	106	59	42.2	13
Aircraft	4 304	4 170	39	94	196	82	3 325	261	84	89	40.1	134
Automobile body repairmen	1 055	943	40	37	39	42	471	180	65	69	41.6	112
Automobile mechanics	11 288	11 045	295	463	622	397	5 121	2 126	1 004	1 017	42.8	243
Automobile mechanic apprentices	62	62	21	–	–	21	20	–	–	–	...	–
Data processing machine repairmen	735	717	18	37	12	21	484	82	63	–	39.8	18
Farm implement	355	355	–	–	17	–	154	76	72	36	...	–
Heavy equipment mechanics, including diesel	10 884	10 648	186	449	377	555	6 470	1 732	587	292	40.6	236
Household appliance and accessory installers and mechanics	2 622	2 567	135	78	166	137	1 432	331	169	119	40.0	55
Loom fixers	265	265	–	–	34	–	37	176	18	–	...	–
Office machine	876	876	22	77	–	86	572	71	48	–	38.3	–
Radio and television	5 355	5 222	235	453	521	188	3 107	470	87	161	37.6	133
Railroad and car shop	486	459	–	19	–	–	350	57	17	16	41.5	27
Mechanics, except auto, apprentices	338	338	87	–	–	40	195	16	–	–	...	–
Miscellaneous mechanics and repairmen, including mechanics, except auto, apprentices	7 475	7 275	335	429	292	418	4 726	682	257	136	38.4	200
Manufacturing	3 185	3 059	34	139	113	149	2 206	347	57	14	39.3	126
Not specified mechanics and repairmen	2 396	2 237	20	100	119	143	1 369	354	79	53	40.3	159
Manufacturing	1 415	1 298	–	19	79	76	915	165	44	–	40.2	117
Metal craftsmen, except mechanics	33 079	31 516	390	1 343	2 601	1 894	19 479	4 101	1 242	466	39.6	1 563
Blacksmiths	346	300	–	–	112	–	168	20	–	–	...	46
Boilermakers	420	420	28	20	–	67	178	127	–	–	38.1	–

[1] Includes transportation, communications, and other public utilities—allocated.

Table 45. Employed Persons by Hours Worked, Detailed Occupation, and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total employed persons	At work									With a job, but not at work
		Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 to 59 hours	60 hours or more	Average (mean) hours	
Female, 16 years old and over—Con.												
Craftsmen and kindred workers—Continued												
Metal craftsmen, except mechanics—Continued												
Forgemen and hammermen	834	834	11	74	45	85	482	119	–	18	38.5	–
Heat treaters, annealers, and temperers	415	395	19	–	57	39	261	19	–	–	...	20
Job and die setters, metal	2 101	2 025	20	114	244	110	1 245	216	29	47	38.9	76
Machinists	11 560	11 187	64	446	791	543	7 087	1 602	440	214	40.2	373
Machinist apprentices	249	249	–	63	–	21	128	37	–	–	...	–
Millwrights	975	952	–	19	39	56	553	154	131	–	41.8	23
Molders, metal	6 057	5 674	35	342	712	278	3 471	625	142	69	38.8	383
Molder apprentices	16	–	–	–	–	–	–	–	–	–	–	16
Pattern and model makers, except paper	1 817	1 762	75	89	63	180	951	336	–	68	39.2	55
Rollers and finishers, metal	1 385	1 209	–	17	142	133	765	118	19	15	39.5	176
Sheetmetal workers and tinsmiths	3 231	3 045	86	50	135	210	2 244	231	67	22	39.1	186
Sheetmetal apprentices	44	44	–	30	–	–	14	–	–	–	...	–
Shipfitters	196	196	–	–	25	–	136	35	–	–	...	–
Tool and die makers	3 742	3 517	52	172	236	193	1 938	499	414	13	40.3	225
Tool and die maker apprentices	56	56	–	–	21	–	21	14	–	–	...	–
Millers, grain, flour, and feed	283	283	–	17	–	19	72	84	44	47	...	–
Motion picture projectionists	489	489	196	65	–	38	148	21	–	21	25.8	–
Opticians, and lens grinders and polishers	6 229	6 070	198	349	398	391	3 477	1 140	93	24	38.5	159
Piano and organ tuners and repairmen	266	266	57	54	25	–	111	–	–	19	...	–
Power station operators	704	704	–	22	40	60	415	146	–	21	40.7	–
Printing craftsmen	57 860	55 919	2 792	5 163	3 674	11 575	25 199	5 380	1 300	836	36.6	1 941
Bookbinders	18 594	17 901	897	1 365	1 423	5 320	7 455	1 140	225	76	35.8	693
Compositors and typesetters	22 029	21 366	1 049	2 644	1 197	3 724	9 326	2 303	587	536	36.7	663
Printing trades apprentices, except pressmen	295	295	46	22	30	79	81	37	–	–	...	–
Electrotypers and stereotypers	359	340	29	64	42	78	119	8	–	–	...	19
Photoengravers and lithographers	4 293	4 131	122	284	290	610	1 905	642	198	80	38.7	162
Pressmen and plate printers, printing	12 585	12 181	695	806	722	1 843	6 394	1 287	290	144	37.1	404
Pressman apprentices	58	58	–	–	–	19	39	–	–	–	...	–
Shoe repairmen	5 643	5 465	249	299	686	416	2 865	749	158	43	37.6	178
Sign painters and letterers	1 655	1 557	351	246	143	121	515	111	37	33	30.1	98
Stationary engineers	2 794	2 739	44	84	134	89	1 667	465	126	130	41.4	55
Stone cutters and stone carvers	511	511	44	–	40	42	227	19	79	60	41.9	–
Tailors	22 030	21 307	1 147	1 977	2 245	2 328	10 510	2 062	718	320	36.7	723
Telephone installers and repairmen	8 064	7 739	133	183	366	722	4 643	1 130	444	118	40.3	325
Telephone linemen and splicers	671	654	–	24	57	–	396	43	80	54	43.0	17
Upholsterers	9 893	9 651	713	914	826	718	4 714	1 086	394	286	36.9	242
Craftsmen and kindred workers, n.e.c	7 669	7 235	303	560	726	527	4 381	478	103	157	37.3	434
Former members of the Armed Forces	63	63	–	–	–	20	43	–	–	–	...	–
Craftsmen and kindred workers—allocated	26 844	25 467	1 274	1 212	4 755	994	15 725	724	219	564	36.8	1 377
Operatives, except transport	**4 035 745**	**3 852 936**	**134 797**	**314 272**	**415 482**	**372 719**	**2 216 782**	**311 363**	**59 936**	**27 585**	**37.0**	**182 809**
Asbestos and insulation workers	472	472	–	15	59	47	280	71	–	–	38.9	–
Assemblers	459 134	434 493	7 596	22 440	41 177	22 836	304 648	27 674	6 276	1 846	38.2	24 641
Blasters and powdermen	305	275	52	17	–	–	194	12	–	–	...	30
Bottling and canning operatives	16 082	15 174	857	2 335	1 496	1 011	7 741	1 344	277	113	35.2	908
Chainmen, rodmen, and axmen, surveying	150	150	20	–	–	43	65	–	–	22	...	–
Checkers, examiners, and inspectors; manufacturing	332 638	315 508	4 609	15 816	29 645	25 036	199 564	32 878	6 325	1 635	38.5	17 130
Clothing ironers and pressers	136 772	132 839	6 123	15 790	16 416	20 366	62 340	9 082	1 592	1 130	35.5	3 933
Cutting operatives, n.e.c	44 079	41 971	1 277	3 733	4 092	4 622	24 279	3 293	594	81	36.8	2 108
Dressmakers and seamstresses, except factory	92 354	89 544	12 585	16 594	8 921	9 949	31 938	5 701	2 041	1 815	32.0	2 810
Drillers, earth	3 629	3 474	19	123	373	237	2 115	435	115	57	39.7	155
Dry wall installers and lathers	450	450	–	68	24	79	198	42	20	19	38.4	–
Dyers	1 910	1 859	22	123	116	186	1 141	175	22	74	39.3	51
Garage workers and gas station attendants	11 947	11 626	1 131	1 990	682	619	2 653	1 480	1 027	2 044	40.0	321

Table 45. **Employed Persons by Hours Worked, Detailed Occupation, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States	Total employed persons	At work									With a job, but not at work
		Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 to 59 hours	60 hours or more	Average (mean) hours	
Female, 16 years old and over—Con.												
Operatives, except transport—Continued												
Graders and sorters, manufacturing	24 113	23 048	1 166	1 886	2 068	2 461	12 361	2 675	283	148	36.7	1 065
Produce graders and packers, except factory and farm	20 207	19 562	1 914	4 187	2 714	2 142	6 004	1 780	519	302	32.6	645
Laundry and drycleaning operatives, n.e.c	105 146	101 731	6 549	12 370	9 361	11 814	49 287	8 800	1 898	1 652	35.7	3 415
Meat cutters and butchers, *except manufacturing*	11 186	10 794	667	1 389	689	982	4 510	1 552	595	410	37.4	392
Meat cutters and butchers, manufacturing	17 538	16 335	478	2 359	1 413	2 283	6 838	2 350	501	113	36.5	1 203
Meat wrappers, retail trade	42 340	40 665	1 949	6 833	3 101	2 267	22 580	3 269	423	243	35.2	1 675
Metalworking operatives, except precision machine	152 407	144 211	2 725	7 362	15 288	8 274	94 767	11 605	3 331	859	38.3	8 196
Filers, polishers, sanders, and buffers	22 779	21 805	640	1 262	2 195	1 446	13 131	2 226	733	172	38.2	974
Furnacemen, smeltermen, and pourers	2 486	2 432	60	19	337	37	1 535	275	169	–	39.5	54
Heaters, metal	200	182	19	20	–	22	104	–	17	–	...	18
Metal platers	2 762	2 721	33	231	192	97	1 657	329	121	61	39.2	41
Punch and stamping press operatives	49 307	46 279	704	2 609	5 783	2 849	29 870	3 531	774	159	38.0	3 028
Riveters and fasteners	11 051	10 424	394	748	1 078	569	6 635	740	185	75	37.2	627
Solderers	32 789	30 770	464	1 236	2 804	1 768	21 929	1 937	463	169	38.5	2 019
Welders and flame-cutters	31 033	29 598	411	1 237	2 899	1 486	19 906	2 567	869	223	38.9	1 435
Milliners	1 838	1 782	148	297	199	329	639	131	19	20	33.4	56
Mine operatives, n.e.c	4 531	4 405	161	434	225	372	2 286	570	139	218	38.8	126
Coal mining	681	660	–	18	–	–	463	159	–	20	41.8	21
Crude petroleum and natural gas extractions	3 244	3 184	141	375	208	353	1 515	275	119	198	38.2	60
Mining and quarrying, except fuel	606	561	20	41	17	19	308	136	20	–	39.0	45
Mixing operatives	2 616	2 533	122	119	110	192	1 526	399	40	25	38.4	83
Oilers and greasers, except auto	1 710	1 685	40	35	206	158	1 039	106	66	35	39.0	25
Packers and wrappers, except meat and produce	313 356	297 822	13 449	28 408	29 359	27 326	170 026	23 624	4 119	1 511	36.4	15 534
Painters, *manufactured articles*	16 766	16 043	493	889	1 417	1 034	9 886	1 758	441	125	38.2	723
Photographic process workers	28 714	27 670	1 606	2 854	2 025	3 350	14 995	1 891	562	387	36.2	1 044
Precision machine operatives	38 300	36 369	463	1 806	3 153	2 141	22 738	4 560	1 182	326	39.2	1 931
Drill press operatives	15 282	14 521	216	752	1 298	841	9 560	1 449	278	127	38.7	761
Grinding machine operatives	8 048	7 590	65	318	657	388	4 195	1 534	355	78	40.2	458
Lathe and mixing machine operatives	7 347	7 055	109	405	428	359	4 631	760	261	102	39.3	292
Precision machine operatives, n.e.c	7 623	7 203	73	331	770	553	4 352	817	288	19	38.9	420
Sailors and deckhands	454	375	–	25	51	50	168	40	41	–	...	79
Sawyers	7 974	7 697	142	707	514	660	4 586	741	281	66	38.1	277
Sewers and stitchers	816 441	785 922	27 002	82 987	91 464	126 398	397 240	49 597	7 973	3 261	36.0	30 519
Shoemaking machine operatives	37 228	35 975	1 298	3 474	4 297	3 411	19 714	3 240	389	152	36.5	1 253
Stationary firemen	8 635	8 378	147	728	888	932	4 718	782	75	108	37.5	257
Textile operatives	232 985	223 967	4 097	13 268	23 443	14 136	121 407	42 011	4 674	931	38.7	9 018
Carding, lapping, and combing operatives	5 189	4 963	26	263	459	175	2 867	1 019	154	–	39.6	226
Knitters, loopers, and toppers	17 536	16 914	415	1 179	1 691	1 387	9 247	2 587	367	41	38.0	622
Spinners, twisters, and winders	99 536	95 292	1 363	4 925	10 404	5 360	50 716	19 719	2 340	465	39.2	4 244
Weavers	26 040	25 023	455	1 209	2 210	609	13 833	6 134	445	128	39.5	1 017
Textile operatives, n.e.c	84 684	81 775	1 838	5 692	8 679	6 605	44 744	12 552	1 368	297	38.0	2 909
Winding operatives, n.e.c	30 955	29 234	335	1 279	2 952	1 535	19 991	2 575	467	100	38.6	1 721
Miscellaneous and not specified operatives	719 735	687 741	24 924	51 354	63 374	65 225	409 081	58 180	11 262	4 341	37.2	31 994
Occupation:												
Machine operatives, miscellaneous specified	290 945	277 234	8 944	19 963	26 284	25 420	167 073	23 493	4 278	1 779	37.4	13 711
Machine operatives, not specified	150 621	144 344	2 587	7 192	12 867	13 195	93 425	12 049	2 177	852	38.3	6 277
Miscellaneous operatives	187 870	179 909	10 601	17 159	16 544	16 987	98 179	15 686	3 446	1 307	36.2	7 961
Not specified operatives	90 299	86 254	2 792	7 040	7 679	9 623	50 404	6 952	1 361	403	37.1	4 045

Table 45. Employed Persons by Hours Worked, Detailed Occupation, and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total employed persons	At work									With a job, but not at work
		Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 to 59 hours	60 hours or more	Average (mean) hours	
Female, 16 years old and over—Con.												
Operatives, except transport—Continued												
Miscellaneous and not specified operatives—Continued												
Industry:												
Manufacturing	634 569	605 349	17 256	40 071	56 079	57 209	370 012	51 698	9 677	3 347	37.6	29 220
Durable goods	308 865	294 730	5 524	15 814	27 257	16 767	197 757	24 840	5 112	1 659	38.3	14 135
Lumber and wood products, except furniture	10 449	9 902	178	844	824	467	6 169	1 176	208	36	38.0	547
Furniture and fixtures	13 861	13 224	216	835	1 098	726	8 905	1 215	212	17	38.2	637
Stone, clay, and glass products	18 314	17 503	418	1 220	1 221	1 204	11 832	1 213	256	139	37.9	811
Glass and glass products	7 047	6 728	89	417	411	281	5 020	358	92	60	38.5	319
Cement, concrete, gypsum, and plaster products	645	619	42	–	46	40	321	126	21	23	39.7	26
Other stone, clay, and glass products	10 622	10 156	287	803	764	883	6 491	729	143	56	37.4	466
Primary metal industries	11 548	11 161	270	477	1 182	556	7 403	903	324	46	38.3	387
Blast furnaces, steelworks, and rolling and finishing mills	1 212	1 212	22	59	81	–	904	86	60	–	39.0	–
Other primary iron and steel industries	3 069	2 960	105	151	293	126	1 939	278	68	–	37.8	109
Primary nonferrous industries	7 267	6 989	143	267	808	430	4 560	539	196	46	38.5	278
Fabricated metal industries, including not specified metal	29 934	28 345	604	1 537	2 490	1 705	18 402	2 889	413	305	38.5	1 589
Cutlery, hand tools, and other hardware	5 787	5 530	51	284	549	304	3 763	451	80	48	38.6	257
Fabricated structural metal products	2 830	2 664	69	146	270	222	1 665	179	86	27	38.1	166
Screw machine products, & metal stamping	7 507	7 244	130	422	599	397	4 568	867	124	137	38.9	263
Miscellaneous fabricated metal products and not specified metal	13 810	12 907	354	685	1 072	782	8 406	1 392	123	93	38.2	903
Machinery, except electrical	23 373	22 333	221	907	1 727	990	15 272	2 433	605	178	39.4	1 040
Farm machinery and equipment	946	892	46	79	99	12	538	66	37	15	37.2	54
Construction & material handling machines	807	791	–	35	19	16	684	37	–	–	39.2	16
Metalworking machinery	4 017	3 848	23	203	374	212	2 273	602	104	57	39.5	169
Office and accounting machines, and electronic computing equipment	5 759	5 473	42	99	361	198	4 114	524	110	25	39.7	286
Other machinery, except electrical	11 844	11 329	110	491	874	552	7 663	1 204	354	81	39.3	515
Electrical machinery, equipment, and supplies	107 332	102 178	1 675	3 855	9 556	5 066	71 266	8 586	1 766	408	38.7	5 154
Household appliances	5 522	5 167	151	222	370	277	3 662	423	51	11	38.1	355
Radio, T.V., and communication equipment	29 907	28 336	464	791	2 578	1 017	20 051	2 736	555	144	39.1	1 571
Electrical machinery, equipment, and supplies, n.e.c.	64 495	61 563	942	2 581	5 767	3 414	42 759	4 844	1 021	235	38.5	2 932
Not specified electrical machinery, equipment, and supplies	7 408	7 112	118	261	841	358	4 794	583	139	18	38.4	296
Transportation equipment	23 285	21 965	330	893	2 581	1 125	14 787	1 631	429	189	38.6	1 320
Motor vehicles & motor vehicle equipment	13 592	12 738	237	649	2 090	734	8 133	630	147	118	37.6	854
Aircraft and parts	6 818	6 386	54	190	292	237	4 766	595	181	71	39.9	432
Other transportation equipment	2 875	2 841	39	54	199	154	1 888	406	101	–	39.7	34
Professional and photographic equipment, and watches	18 736	18 076	179	819	1 859	1 115	12 337	1 434	273	60	38.5	660
Professional equipment and supplies	13 455	13 075	94	407	1 453	936	8 863	1 078	209	35	38.8	380
Ordnance	7 022	6 620	67	331	471	217	4 902	473	113	46	38.9	402
Miscellaneous manufacturing industries	43 762	42 253	1 366	3 933	4 194	3 512	25 719	2 815	479	235	36.8	1 509
Durable goods—allocated	1 249	1 170	–	163	54	84	763	72	34	–	37.4	79
Nondurable goods	319 382	304 621	11 488	23 858	28 176	39 927	168 616	26 409	4 500	1 647	36.9	14 761
Food and kindred products	64 153	61 007	3 701	6 885	5 847	6 139	29 348	7 002	1 442	643	36.0	3 146
Meat products	15 433	14 767	849	1 639	1 405	2 137	5 762	2 144	618	213	36.5	666
Dairy products	2 106	1 921	99	249	57	136	1 130	197	34	19	36.5	185
Canning and preserving fruits, vegetables, and seafoods	22 110	20 941	1 971	3 004	2 066	2 223	8 501	2 601	381	194	34.3	1 169
Bakery products	6 802	6 322	220	720	504	530	3 414	657	170	107	37.2	480
Beverage industries	1 872	1 725	13	186	38	105	1 141	222	20	–	38.2	147
Other food and kindred products	15 830	15 331	549	1 087	1 777	1 008	9 400	1 181	219	110	37.2	499

Table 45. Employed Persons by Hours Worked, Detailed Occupation, and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total employed persons	At work										With a job, but not at work
		Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 to 59 hours	60 hours or more	Average (mean) hours	
Female, 16 years old and over—Con.												
Operatives, except transport—Continued												
Miscellaneous and not specified operatives—*Continued*												
Industry—Continued												
Manufacturing—Continued												
Nondurable goods—Continued												
Tobacco manufactures	9 225	8 836	182	440	1 430	1 918	4 198	606	24	38	36.8	389
Apparel and other fabricated textile products	66 875	64 464	2 255	5 683	6 520	12 368	32 050	4 595	814	179	36.3	2 411
Apparel and accessories	56 083	54 052	1 913	4 823	5 607	11 236	25 610	4 087	620	156	36.2	2 031
Miscellaneous fabricated textile products	10 792	10 412	342	860	913	1 132	6 440	508	194	23	36.8	380
Paper and allied products	40 087	37 918	543	2 046	3 162	2 808	25 135	3 382	691	151	38.4	2 169
Pulp, paper, and paperboard mills	7 632	7 215	91	276	560	430	4 675	1 024	119	40	39.2	417
Miscellaneous paper and pulp products	15 811	14 950	216	648	1 286	1 107	10 307	1 029	283	74	38.5	861
Paperboard containers and boxes	16 644	15 753	236	1 122	1 316	1 271	10 153	1 329	289	37	38.0	891
Printing, publishing, and allied industries	34 300	32 641	2 539	2 937	2 152	7 114	14 259	2 837	592	211	35.3	1 659
Printing, publishing, and allied industries, except newspapers	31 440	29 856	1 252	2 599	2 069	6 827	13 686	2 706	525	192	36.5	1 584
Chemicals and allied products	23 800	22 476	499	891	1 313	1 854	15 831	1 719	239	130	38.5	1 324
Industrial chemicals	1 841	1 733	–	98	36	67	1 371	133	28	–	39.3	108
Synthetic fibers	1 691	1 552	–	40	–	22	1 346	144	–	–	40.0	139
Soaps and cosmetics	5 623	5 293	174	241	330	569	3 676	261	42	–	37.6	330
Other chemicals and allied products	14 645	13 898	325	512	947	1 196	9 438	1 181	169	130	38.6	747
Petroleum and coal products	580	542	–	–	90	33	348	53	18	–	39.4	38
Rubber and miscellaneous plastic products	53 875	50 957	958	2 623	5 109	4 910	32 350	4 151	600	256	38.0	2 918
Rubber products	17 853	16 682	212	668	1 776	1 901	10 528	1 268	219	110	38.3	1 171
Miscellaneous plastic products	36 022	34 275	746	1 955	3 333	3 009	21 822	2 883	381	146	37.9	1 747
Leather and leather products	24 625	23 974	753	2 225	2 398	2 611	13 927	1 964	57	39	36.6	651
Tanned, curried, and finished leather	1 946	1 880	17	114	121	98	1 167	363	–	–	39.0	66
Footwear, except rubber	13 434	13 118	452	1 541	1 462	964	7 464	1 178	39	18	36.1	316
Leather products, except footwear	9 245	8 976	284	570	815	1 549	5 296	423	18	21	36.7	269
Nondurable goods—allocated	1 862	1 806	58	128	155	172	1 170	100	23	–	37.1	56
Not specified manufacturing industries	6 322	5 998	244	399	646	515	3 639	449	65	41	37.0	324
Nonmanufacturing industries	85 166	82 392	7 668	11 283	7 295	8 016	39 069	6 482	1 585	994	34.4	2 774
Construction	1 045	1 045	20	101	80	104	545	133	31	31	38.6	–
Railroads and railway express service	373	353	–	–	–	38	267	31	17	–	...	20
Transportation, except railroads	1 480	1 480	62	193	140	113	724	171	77	–	36.5	–
Communications, and utilities and sanitary services	1 524	1 469	33	85	16	199	873	187	42	34	39.4	55
Wholesale trade	21 597	20 821	1 537	2 713	2 109	1 772	10 459	1 769	296	166	34.9	776
Retail trade	21 092	20 519	1 854	3 016	2 075	1 918	8 924	1 822	571	339	34.5	573
Business and repair services	7 633	7 371	440	1 302	615	785	3 191	576	294	168	35.3	262
Public administration	3 268	3 178	193	222	39	237	2 387	83	–	17	36.6	90
All other industries[1]	27 154	26 156	3 529	3 651	2 221	2 850	11 699	1 710	257	239	32.7	998
Operatives, except transport—allocated	300 648	281 157	10 631	10 178	54 170	10 216	183 239	6 940	2 367	3 416	37.0	19 491
Transport equipment operatives	**133 898**	**126 596**	**24 874**	**35 281**	**9 567**	**5 632**	**32 231**	**8 542**	**4 601**	**5 868**	**29.9**	**7 302**
Boatmen and canalmen	397	378	72	114	39	39	18	62	–	34	...	19
Bus drivers	67 784	63 323	18 053	28 902	5 179	2 933	5 415	1 384	527	930	22.0	4 461
Conductors and motormen, urban rail transit	349	326	19	39	–	22	182	18	22	24	...	23
Deliverymen and routemen	19 163	18 607	2 985	3 175	1 007	1 072	6 000	2 262	1 097	1 009	34.0	556
Fork lift and tow motor operatives	3 699	3 530	97	78	191	102	2 253	556	133	120	40.6	169
Motormen; mine, factory, logging camp, etc	285	285	–	–	17	19	211	38	–	–	...	–
Parking attendants	906	884	150	243	21	45	276	91	34	24	30.9	22
Railroad brakemen	597	597	16	–	20	18	302	154	87	–	42.2	–
Railroad switchmen	987	900	20	22	40	37	590	94	42	55	41.3	87
Taxicab drivers and chauffeurs	9 228	8 611	1 795	926	478	475	2 232	913	581	1 211	36.2	617
Truck drivers	20 275	19 574	1 054	1 422	767	638	8 633	2 906	2 022	2 132	41.8	701
Trucking service	7 961	7 620	341	474	347	334	3 160	1 088	693	1 183	43.4	341
Transport equipment operatives—allocated	10 228	9 581	613	360	1 808	232	6 119	64	56	329	36.7	647

[1] Includes transportation, communications, and other public utilities—allocated.

Table 45. Employed Persons by Hours Worked, Detailed Occupation, and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

United States

	Total employed persons	At work									With a job, but not at work
		Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 to 59 hours	60 hours or more	Average (mean) hours	
Female, 16 years old and over—Con.												
Laborers, except farm	**280 385**	**269 802**	**25 038**	**35 737**	**26 141**	**18 972**	**126 313**	**23 439**	**7 281**	**6 881**	**35.1**	**10 583**
Animal caretakers, except farm	14 834	14 467	2 498	2 736	1 126	827	3 974	1 698	779	829	33.1	367
Carpenters' helpers	936	915	94	140	21	46	518	52	44	–	34.4	21
Construction laborers, except carpenters' helpers	9 206	8 861	644	813	950	531	4 785	742	227	169	36.2	345
Fishermen and oystermen	1 162	1 122	221	155	168	133	141	81	64	159	34.7	40
Freight and material handlers	37 677	36 011	1 628	3 259	3 842	2 483	19 681	3 886	911	321	36.9	1 666
Garbage collectors	950	950	48	51	88	70	458	210	25	–	38.0	–
Gardeners and groundskeepers, except farm	9 090	8 807	1 823	1 494	694	349	2 971	756	325	395	31.7	283
Longshoremen and stevedores	826	783	46	123	55	74	306	120	38	21	36.5	43
Lumbermen, raftsmen, and woodchoppers	1 892	1 845	173	277	249	139	644	277	44	42	34.6	47
Stock handlers	102 108	98 779	9 175	16 422	8 522	8 929	40 896	8 585	2 698	3 552	34.7	3 329
Teamsters	260	240	22	54	–	20	102	25	–	17	...	20
Vehicle washers and equipment cleaners	12 395	11 889	1 461	1 621	1 046	745	5 505	1 052	323	136	33.7	506
Warehousemen, n.e.c	4 074	3 928	75	117	142	157	3 003	323	34	77	39.5	146
Miscellaneous and not specified laborers	63 923	61 166	6 298	7 476	4 983	3 880	31 089	5 075	1 528	837	34.7	2 757
Occupation:												
Miscellaneous laborers	17 310	16 569	1 597	1 479	1 432	1 366	8 108	1 740	669	178	35.7	741
Not specified laborers	46 613	44 597	4 701	5 997	3 551	2 514	22 981	3 335	859	659	34.3	2 016
Industry:												
Manufacturing	37 577	35 768	1 598	3 039	2 773	2 390	21 696	3 200	865	207	37.1	1 809
Durable goods	20 155	19 154	739	1 384	1 249	903	12 672	1 639	490	78	37.6	1 001
Lumber and wood products, except furniture	1 557	1 485	109	110	95	41	861	186	67	16	37.3	72
Furniture and fixtures	1 347	1 331	48	87	77	80	891	132	16	–	37.7	16
Stone, clay, and glass products	1 238	1 212	25	183	136	38	650	116	64	–	36.7	26
Cement, concrete, gypsum, and plaster products	122	122	–	–	27	–	39	34	22	–	...	–
Structural clay products	208	208	–	43	38	–	106	21	–	–	...	–
Other stone, clay, and glass products	908	882	25	140	71	38	505	61	42	–	36.3	26
Primary metal industries	1 634	1 497	–	96	119	75	1 010	48	104	45	39.9	137
Blast furnaces, steel works, and rolling and finishing mills	617	598	–	19	47	30	434	26	27	15	40.1	19
Other primary iron and steel industries	445	376	–	38	–	20	243	22	23	30	...	69
Primary nonferrous industries	572	523	–	39	72	25	333	–	54	–	38.6	49
Fabricated metal industries, including not specified metal	3 902	3 558	200	153	156	236	2 415	300	98	–	37.6	344
Fabricated structural metal products	432	377	40	21	22	8	267	19	–	–	...	55
Machinery, except electrical	1 233	1 198	33	156	115	22	637	148	87	–	37.5	35
Electrical machinery, equipment, and supplies	3 641	3 539	19	147	235	180	2 629	295	34	–	38.9	102
Transportation equipment	1 496	1 426	80	105	88	77	880	196	–	–	36.9	70
Motor vehicles & motor vehicle equipment	727	696	–	68	31	54	486	57	–	–	38.0	31
Ship and boat building and repairing	261	241	21	–	46	–	139	35	–	–	...	20
Other transportation equipment	508	489	59	37	11	23	255	104	–	–	35.6	19
Professional and photographic equipment, and watches	672	672	18	36	19	56	489	17	20	17	38.8	–
Ordnance	1 143	1 063	–	42	85	–	871	65	–	–	39.0	80
Miscellaneous manufacturing industries	2 221	2 102	170	251	124	98	1 323	136	–	–	34.9	119
Manufacturing, durable goods—allocated	71	71	37	18	–	–	16	–	–	–	...	–
Nondurable goods	16 928	16 120	815	1 655	1 457	1 487	8 715	1 501	361	129	36.4	808
Food and kindred products	5 377	5 000	421	536	459	528	2 209	625	148	74	35.7	377
Meat products	1 680	1 580	94	146	156	224	675	241	23	21	36.5	100
Dairy products	264	247	17	40	16	–	148	10	–	16	...	17
Canning and preserving fruits, vegetables, and seafoods	1 988	1 790	256	218	224	152	662	154	87	37	33.5	198
Grain-mill products	192	172	20	18	–	–	45	70	19	–	...	20
Beverage industries	319	319	–	14	20	78	153	54	–	–	...	–
Other food and kindred products	934	892	34	100	43	74	526	96	19	–	36.9	42

Table 45. Employed Persons by Hours Worked, Detailed Occupation, and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total employed persons	At work									With a job, but not at work
		Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 to 59 hours	60 hours or more	Average (mean) hours	
Female, 16 years old and over—Con.												
Laborers, except farm *— Continued*												
Miscellaneous and not specified laborers — Continued												
Industry — Continued												
Manufacturing — Continued												
Nondurable goods — Continued												
Tobacco manufactures	306	284	19	20	20	44	160	–	–	21	...	22
Textile mill products	2 597	2 497	–	211	176	118	1 476	447	69	–	39.1	100
Yarn, thread, and fabric mills	1 515	1 455	–	139	138	18	948	212	–	–	38.3	60
Other textile mill products	1 082	1 042	–	72	38	100	528	235	69	–	40.2	40
Apparel and other fabricated textile products	1 587	1 507	39	146	38	190	987	107	–	–	37.1	80
Paper and allied products	1 269	1 208	47	123	143	64	745	86	–	–	36.1	61
Pulp, paper, and paperboard mills	464	423	–	76	28	–	247	72	–	–	37.1	41
Other paper and allied products	805	785	47	47	115	64	498	14	–	–	35.6	20
Printing, publishing, and allied industries	891	855	112	154	115	132	283	31	28	–	31.3	36
Chemicals and allied products	1 292	1 270	62	136	114	103	781	25	26	23	36.3	22
Petroleum and coal products	80	80	–	–	–	19	50	–	–	11	...	–
Rubber and miscellaneous plastic products	2 001	1 930	21	148	194	166	1 285	99	17	–	37.5	71
Leather and leather products	1 263	1 224	94	109	151	123	617	81	49	–	35.4	39
Nondurable goods — allocated	265	265	–	72	47	–	122	–	24	–	...	–
Not specified manufacturing industries	494	494	44	–	67	–	309	60	14	–	37.2	–
Nonmanufacturing industries	26 346	25 398	4 700	4 437	2 210	1 490	9 393	1 875	663	630	31.3	948
Railroads and railway express service	813	794	–	22	34	–	637	80	21	–	40.1	19
Transportation, except railroads	1 020	1 001	65	316	40	22	357	101	16	84	34.8	19
Comm., and utilities and sanitary services	819	776	46	74	14	19	529	94	–	–	36.8	43
Transportation, communications, and other public utilities — allocated	25	25	–	–	25	–	–	–	–	–	...	–
Wholesale trade	3 777	3 514	368	595	297	247	1 444	329	131	103	34.4	263
Retail trade	5 640	5 483	1 072	985	525	429	1 707	398	219	148	31.0	157
Business and repair services	1 936	1 877	329	553	227	114	498	118	19	19	28.4	59
Personal services	3 187	3 038	893	608	315	172	743	154	47	106	27.3	149
Private households	1 337	1 292	424	330	94	60	241	95	26	22	25.1	45
Public administration	1 158	1 136	196	217	83	19	539	47	20	15	31.1	22
All other industries	7 971	7 754	1 731	1 067	650	468	2 939	554	190	155	30.7	217
Laborers, except farm — allocated	21 052	20 039	832	999	4 255	589	12 240	557	241	326	36.7	1 013
Farmers and farm managers	**71 578**	**70 604**	**6 887**	**10 535**	**5 179**	**3 662**	**13 042**	**5 768**	**5 090**	**20 441**	**43.1**	**974**
Farmers, owners and tenants	61 283	60 491	6 513	9 621	3 919	2 395	8 547	5 365	4 682	19 449	43.7	792
Farm managers	2 415	2 374	201	262	207	93	366	247	294	704	46.1	41
Farmers and farm managers — allocated	7 880	7 739	173	652	1 053	1 174	4 129	156	114	288	37.4	141
Farm laborers and farm foremen	**161 673**	**157 235**	**20 377**	**31 785**	**17 924**	**10 834**	**38 201**	**13 210**	**7 816**	**17 088**	**35.5**	**4 438**
Farm foremen	1 993	1 908	136	215	104	165	791	250	109	138	38.7	85
Farm laborers, wage workers	99 328	95 909	19 358	20 032	10 493	6 073	21 674	8 945	4 354	4 980	31.3	3 419
Farm laborers, unpaid family workers	40 942	40 903	–	10 511	4 422	2 663	4 733	3 742	3 183	11 649	44.6	39
Farm service laborers, self-employed	497	471	60	145	–	49	136	–	20	61	34.5	26
Farm laborers and farm foremen — allocated	18 913	18 044	823	882	2 905	1 884	10 867	273	150	260	36.5	869
Service workers, except private household	**4 812 200**	**4 611 189**	**558 949**	**842 947**	**469 634**	**330 281**	**1 796 349**	**380 137**	**130 283**	**102 609**	**33.1**	**201 011**
Cleaning service workers	596 487	577 041	84 138	108 413	53 019	45 015	232 430	35 337	9 994	8 695	31.8	19 446
Chambermaids and maids, except private household	192 596	185 667	21 510	33 312	18 934	18 707	70 062	16 170	4 001	2 971	33.0	6 929
Cleaners and charwomen	249 295	241 398	32 772	42 159	21 802	18 063	106 987	12 830	3 468	3 317	32.2	7 897
Janitors and sextons	154 596	149 976	29 856	32 942	12 283	8 245	55 381	6 337	2 525	2 407	29.5	4 620
Food service workers	1 913 363	1 833 385	274 587	433 913	206 423	159 132	470 079	181 372	61 483	46 396	31.2	79 978
Bartenders	40 088	38 687	2 611	4 494	3 168	2 249	8 972	7 666	4 259	5 268	41.3	1 401
Busboys	13 175	12 666	3 865	3 744	732	564	2 913	649	104	95	24.6	509
Cooks, except private household	521 020	499 060	34 611	86 650	68 312	54 517	157 281	57 815	20 462	19 412	35.3	21 960
Dishwashers	63 749	60 798	14 639	15 444	4 732	3 727	14 182	6 002	1 420	652	27.8	2 951
Food counter and fountain workers	111 847	105 421	28 124	31 310	9 900	7 649	21 428	5 174	1 136	700	25.4	6 426

Table 45. **Employed Persons by Hours Worked, Detailed Occupation, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	Total employed persons	At work									With a job, but not at work
		Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 to 59 hours	60 hours or more	Average (mean) hours	
Female, 16 years old and over—Con.												
Service workers, except private household—Con.												
Food service workers—Continued												
Waiters	915 915	883 057	153 924	231 600	95 168	73 193	190 245	90 186	30 491	18 250	29.9	32 858
Food service workers, n.e.c., except private household	247 569	233 696	36 813	60 671	24 411	17 233	75 058	13 880	3 611	2 019	29.7	13 873
Health service workers	1 046 885	1 006 397	60 315	124 348	59 686	58 564	598 952	72 420	18 289	13 823	36.1	40 488
Dental assistants	88 566	86 438	6 795	12 553	6 910	11 983	36 688	9 551	1 509	449	34.6	2 128
Health aides, except nursing	101 170	98 649	6 630	13 908	6 281	8 981	52 620	7 570	1 841	818	35.2	2 521
Health trainees	17 693	16 987	4 764	4 483	1 609	793	4 287	852	80	119	25.6	706
Lay midwives	715	715	110	48	37	81	381	16	–	42	34.8	–
Nursing aides, orderlies, and attendants	611 929	586 822	34 881	68 395	32 374	28 125	369 445	37 466	8 501	7 635	36.2	25 107
Practical nurses	226 812	216 786	7 135	24 961	12 475	8 601	135 531	16 965	6 358	4 760	37.6	10 026
Personal service workers	777 896	746 558	108 307	140 863	69 363	51 975	232 415	79 442	36 331	27 862	33.1	31 338
Airline stewardesses	32 495	29 594	3 379	12 370	4 010	1 947	5 444	1 227	613	604	28.2	2 901
Attendants, recreation and amusement	17 043	15 967	6 376	2 890	1 080	907	3 144	917	401	252	24.1	1 076
Attendants, personal service, n.e.c	37 352	35 270	8 804	6 964	2 334	2 639	11 111	1 715	752	951	28.8	2 082
Baggage porters and bellhops	441	441	21	106	19	–	158	137	–	–	35.4	–
Barbers	7 809	7 621	603	1 025	632	344	2 442	1 191	920	464	38.3	188
Boarding and lodging house keepers	5 509	5 332	499	664	314	202	787	528	534	1 804	45.7	177
Bootblacks	336	319	62	64	–	37	127	9	20	–	...	17
Child care workers, except private household	119 089	114 238	22 351	21 730	7 879	4 952	33 284	8 174	6 211	9 657	33.0	4 851
Elevator operators	9 774	9 511	534	929	712	1 548	4 823	625	176	164	36.2	263
Hairdressers and cosmetologists	434 097	421 137	38 451	80 102	46 456	32 070	133 298	56 925	23 981	9 854	34.5	12 960
Personal service apprentices	795	782	73	252	134	21	179	106	–	17	30.9	13
Housekeepers, except private household	74 719	72 043	8 917	8 570	4 488	5 378	30 980	7 442	2 505	3 763	35.6	2 676
School monitors	23 995	20 580	15 687	2 490	482	372	1 370	114	21	44	13.2	3 415
Ushers, recreation and amusement	4 212	3 996	1 866	1 297	255	127	385	–	66	–	18.5	216
Welfare service aides	11 025	10 509	757	1 662	702	1 452	5 062	438	131	305	34.9	516
Protective service workers	59 350	56 546	12 829	15 668	2 144	2 226	15 819	4 431	1 421	2 008	28.8	2 804
Crossing guards and bridge tenders	25 336	23 793	9 176	11 760	851	414	1 322	142	37	91	18.1	1 543
Firemen, fire protection	2 157	2 098	54	85	122	–	534	214	436	653	50.3	59
Guards and watchmen	15 808	15 272	1 834	2 377	670	927	6 398	1 778	553	735	35.2	536
Marshals and constables	228	228	50	–	–	49	104	25	–	–	...	–
Policemen and detectives	13 768	13 182	1 662	1 339	392	675	6 395	1 946	347	426	35.8	586
Public	10 869	10 528	1 352	921	346	384	5 258	1 727	280	260	35.9	341
Private	2 899	2 654	310	418	46	291	1 137	219	67	166	35.3	245
Sheriffs and bailiffs	2 053	1 973	53	107	109	161	1 066	326	48	103	40.2	80
Service workers, except private household—allocated	418 219	391 262	18 773	19 742	78 999	13 369	246 654	7 135	2 765	3 825	36.2	26 957
Private household workers	**1 131 981**	**1 096 887**	**270 041**	**216 781**	**118 083**	**61 174**	**295 944**	**68 059**	**28 370**	**38 435**	**29.0**	**35 094**
Occupation:												
Child care workers, private household	223 431	218 239	74 113	35 062	14 864	10 712	48 024	18 495	9 454	7 515	27.4	5 192
Cooks, private household	30 914	29 939	3 822	5 312	3 173	2 218	8 643	3 516	1 483	1 772	34.5	975
Housekeepers, private household	98 224	95 111	18 707	19 742	9 229	4 971	24 514	7 681	3 121	7 146	31.9	3 113
Laundresses, private household	10 812	10 505	5 364	2 599	572	351	1 104	278	109	128	19.0	307
Maids and servants, private household	652 531	634 731	164 354	150 719	65 506	41 344	140 209	37 282	13 938	21 379	27.7	17 800
Private household workers—allocated	116 069	108 362	3 681	3 347	24 739	1 578	73 450	807	265	495	36.7	7 707
Living arrangement:												
Living in	72 442	71 517	2 066	3 306	3 863	4 087	27 499	11 443	5 745	13 508	45.0	925
Housekeepers, private household	19 954	19 661	594	900	1 189	824	7 866	3 007	1 527	3 754	45.0	293
Maids and servants, private household	40 793	40 402	1 088	1 804	2 247	2 623	15 490	6 216	3 003	7 931	45.2	391
Living out	1 059 539	1 025 370	267 975	213 475	114 220	57 087	268 445	56 616	22 625	24 927	27.9	34 169

Table 46. Employed Negroes by Hours Worked, Occupation, and Sex: 1970

[Total employed Negroes shown in table 41. Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	At work										With a job, but not at work
	Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 to 59 hours	60 hours or more	Average (mean) hours	
Male, 16 years old and over	3 939 687	166 573	212 726	270 413	179 015	2 251 580	486 597	205 402	167 381	39.6	129 710
Professional, technical, and kindred workers	231 273	10 733	12 051	16 588	20 767	117 593	24 610	13 772	15 159	39.9	6 460
Accountants	8 880	178	254	203	1 437	4 953	860	419	576	41.1	75
Architects	1 120	90	106	38	79	554	96	99	58	38.2	–
Computer specialists	6 274	87	334	243	720	3 484	685	339	382	40.9	40
Engineers	13 488	152	206	489	992	8 579	1 675	879	516	41.5	136
Aeronautical and astronautical	748	–	24	23	18	643	40	–	–	39.4	–
Civil	2 266	39	65	34	290	1 302	339	151	46	40.6	–
Electrical and electronic	3 792	24	38	141	176	2 588	569	159	97	41.3	51
Mechanical	1 829	35	14	67	149	1 066	176	177	145	42.8	–
Other engineers	4 853	54	65	224	359	2 980	551	392	228	41.8	85
Lawyers and judges	3 219	119	132	108	174	1 196	666	430	394	44.1	90
Life and physical scientists	4 978	75	157	158	316	3 169	534	363	206	41.2	61
Chemists	3 245	57	88	118	235	2 188	312	159	88	40.3	61
Physicians, dentists, and related practitioners	9 921	218	458	485	632	2 042	2 018	1 493	2 575	48.5	121
Dentists	2 218	17	94	186	319	596	537	301	168	43.1	–
Pharmacists	2 060	98	108	58	195	516	555	168	362	44.7	24
Physicians, medical and osteopathic	5 119	84	193	208	75	832	788	919	2 020	53.1	97
Other related practitioners	524	19	63	33	43	98	138	105	25	41.3	–
Registered nurses, dietitians, and therapists	6 728	42	178	143	518	4 485	583	343	436	41.9	255
Health technologists and technicians	8 139	424	250	155	606	4 802	902	590	410	40.4	146
Religious workers	12 825	1 388	1 014	573	456	3 084	1 869	1 368	3 073	43.7	195
Social scientists	2 097	20	95	117	220	1 112	199	183	151	41.8	48
Social and recreation workers	14 957	691	681	691	2 016	7 703	1 530	717	928	39.8	274
Teachers	55 863	3 152	3 360	5 837	7 322	25 304	5 680	2 696	2 512	38.2	2 794
College and university	8 301	1 252	1 118	509	483	3 003	935	463	538	35.2	448
Elementary and prekindergarten	18 522	556	952	2 321	2 464	8 927	1 689	746	867	39.0	1 045
Secondary	26 058	1 115	934	2 731	4 067	12 003	2 769	1 389	1 050	39.0	1 144
Other teachers	2 982	229	356	276	308	1 371	287	98	57	35.7	157
Engineering and science technicians	21 749	420	1 046	881	1 266	14 139	2 142	1 003	852	40.2	474
Draftsmen and surveyors	7 752	87	480	427	609	4 935	699	316	199	39.5	150
Electrical and electronic engineering technicians	4 497	36	128	172	193	3 050	461	266	191	41.3	45
Technicians, except health, and engineering and science	3 097	97	147	40	197	1 925	428	167	96	40.2	141
Airplane pilots	77	–	21	–	–	56	–	–	–	. . .	–
Writers, artists, and entertainers	16 966	2 207	2 060	1 380	1 351	6 260	1 714	1 200	794	35.4	519
Authors, editors, and reporters	1 744	85	127	122	139	783	258	130	100	39.7	68
Designers	1 319	43	–	73	135	768	116	92	92	41.6	–
Other professional, technical, and kindred workers	40 972	1 373	1 573	5 047	2 465	24 802	3 029	1 483	1 200	38.7	1 091
Managers and administrators, except farm	116 888	2 703	3 638	5 137	5 844	52 535	20 640	11 558	14 833	44.1	2 674
Buyers, purchasing agents, and sales managers	7 895	110	185	306	310	3 648	1 956	689	691	43.8	127
School administrators	8 406	148	309	545	641	3 150	2 267	679	667	42.9	227
Specified managers and administrators, public administration	11 962	153	164	276	757	7 556	1 403	875	778	42.4	340
Other specified managers and administrators	32 171	768	753	2 258	1 580	16 141	4 052	2 661	3 958	43.4	602
Managers and administrators, n.e.c., salaried	38 256	805	1 060	1 184	1 810	16 588	8 088	4 361	4 360	44.4	878
Manufacturing	5 111	105	112	171	290	2 455	1 114	480	384	43.1	68
Transportation, communications, and other public utilities	2 788	22	40	38	83	1 386	577	314	328	45.4	38
Wholesale and retail trade	13 617	180	226	277	356	5 231	3 558	1 843	1 946	46.5	291
Finance, insurance, and real estate	2 649	–	125	119	362	967	481	289	306	44.1	58
All other industries	14 091	498	557	579	719	6 549	2 358	1 435	1 396	42.8	423
Managers and administrators, n.e.c., self-employed	18 198	719	1 167	568	746	5 452	2 874	2 293	4 379	46.7	500
Construction	3 874	165	317	350	318	1 479	582	268	395	40.8	207
Manufacturing	898	42	115	29	107	293	173	84	55	39.5	28
Wholesale trade	933	83	53	19	41	418	129	104	86	40.7	–
Retail trade	7 455	310	232	76	126	1 746	1 008	1 199	2 758	51.6	205
All other industries	5 038	119	450	94	154	1 516	982	638	1 085	46.3	60
Sales workers	78 876	5 187	5 182	4 952	4 169	35 573	12 109	6 385	5 319	39.9	1 810
Insurance agents, brokers, and underwriters	9 668	369	289	385	724	4 130	1 648	1 228	895	43.0	81
Real estate agents and brokers	3 065	227	155	74	178	940	687	359	445	43.3	–
Sales representatives, manufacturing industries	4 218	134	64	215	111	2 344	718	432	200	41.9	128
Sales representatives, wholesale trade	6 951	185	230	232	339	3 272	1 456	846	391	42.5	190
Sales clerks, retail trade	30 254	2 559	3 293	1 194	1 648	12 452	4 853	2 114	2 141	38.6	637
Salesmen, retail trade	7 735	220	168	344	336	3 340	1 751	873	703	43.6	175
Salesmen of services and construction	2 904	247	100	123	202	1 437	447	169	179	39.5	91
Other sales workers	14 081	1 246	883	2 385	631	7 658	549	364	365	35.8	508
Clerical and kindred workers	321 901	12 056	17 028	18 448	21 183	191 998	35 584	14 105	11 499	39.3	8 591
Bank tellers and cashiers	11 344	1 237	1 614	560	867	4 985	1 290	424	367	35.2	182
Bookkeepers and billing clerks	11 931	246	394	532	1 461	6 700	1 342	560	696	40.8	267
Mail handlers and postal clerks	73 393	1 772	4 180	2 847	2 802	45 286	9 408	3 457	3 641	40.5	1 919
Shipping and receiving clerks	46 926	798	1 313	1 732	2 606	29 081	7 398	2 632	1 366	40.9	1 015
Stock clerks and storekeepers	37 569	1 321	1 986	1 491	2 002	23 133	4 367	1 984	1 285	39.7	1 070
Other clerical and kindred workers	140 738	6 682	7 541	11 286	11 445	82 813	11 779	5 048	4 144	38.3	4 138
Craftsmen and kindred workers	606 521	16 279	26 478	42 928	24 810	364 776	79 356	31 068	20 826	40.0	20 188
Apparel craftsmen and upholsterers	8 463	261	400	667	751	4 069	1 477	499	339	40.1	243
Bakers	8 810	242	237	208	538	5 421	1 444	425	295	40.8	287
Cabinetmakers	3 411	113	113	148	135	2 187	504	155	56	39.8	142
Construction craftsmen	188 398	8 306	15 580	14 064	10 021	107 405	21 645	7 133	4 244	38.0	7 408
Carpenters	44 152	1 823	3 548	3 719	2 349	25 990	4 305	1 687	731	37.8	1 774
Excavating, grading, and road machine operators	22 536	783	1 753	1 100	1 092	12 111	3 207	1 441	1 049	39.9	801
Electricians	13 796	156	307	544	633	8 966	2 049	741	400	41.1	389
Masons and tile setters	27 740	1 603	3 400	3 135	1 985	14 297	2 412	504	404	35.8	1 026
Painters, construction and maintenance, and paperhangers	28 085	1 684	2 003	1 745	1 475	16 310	3 522	861	485	37.7	1 210
Plasterers and cement finishers	25 437	1 314	2 749	2 381	1 359	13 484	2 622	916	612	37.1	1 163
Plumbers and pipe fitters	17 401	643	744	800	583	11 073	2 242	820	496	39.7	618
Other construction craftsmen	9 251	300	1 076	640	545	5 174	1 286	163	67	37.2	427

Table 46. Employed Negroes by Hours Worked, Occupation, and Sex: 1970—Continued

[Total employed Negroes shown in table 41. Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	At work										With a job, but not at work
	Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 to 59 hours	60 hours or more	Average (mean) hours	
Male, 16 years old and over—Continued											
Craftsmen and kindred workers—Continued											
Cranemen, derrickmen and hoistmen	18 929	421	441	868	632	12 333	2 487	1 059	688	40.9	72[illegible]
Foremen, n.e.c.	49 740	775	953	1 416	1 916	28 141	9 379	4 382	2 778	42.7	1 046
Durable goods manufacturing	15 033	198	208	523	443	9 004	2 752	1 118	787	42.5	283
Nondurable goods, including not specified manufacturing	9 972	67	162	274	492	5 090	2 264	1 150	473	43.3	195
Nonmanufacturing industries	24 735	510	583	619	981	14 047	4 363	2 114	1 518	42.5	568
Linemen and servicemen, telephone and power	14 658	288	279	408	507	9 104	2 356	1 163	553	41.7	264
Locomotive engineers and firemen	1 396	18	–	34	20	1 023	78	116	107	43.0	60
Mechanics and repairmen	137 251	2 557	3 466	4 270	3 793	81 021	24 680	9 755	7 709	42.2	3 554
Air conditioning, heating, and refrigeration	3 517	82	81	121	178	2 181	537	248	89	40.9	40
Aircraft	6 290	40	15	184	147	4 895	654	152	203	41.3	199
Automobile, including body	71 387	1 416	1 875	1 973	1 727	39 731	14 332	5 883	4 450	42.6	1 794
Radio and television	6 967	169	229	311	209	3 797	1 243	522	487	42.2	221
Other mechanics and repairmen	49 090	850	1 266	1 681	1 532	30 417	7 914	2 950	2 480	41.8	1 298
Metal craftsmen, except mechanics	48 073	661	1 225	2 507	1 656	32 617	6 043	2 025	1 339	40.6	1 625
Machinists and job and die setters	20 216	362	396	969	627	13 664	2 620	893	685	40.9	472
Sheetmetal workers and tinsmiths	4 508	20	124	289	173	3 164	456	168	114	40.5	88
Tool and die makers	2 841	37	72	109	149	1 907	306	188	73	40.8	68
Other metal craftsmen	20 508	242	633	1 140	707	13 882	2 661	776	467	40.4	997
Printing craftsmen	16 508	401	772	796	2 148	8 987	1 824	863	717	40.0	356
Compositors and typesetters	6 854	216	306	299	673	4 136	685	341	198	39.5	199
Pressmen and plate printers, printing	7 536	162	347	309	1 075	3 843	980	391	429	40.6	115
Stationary engineers and power station operators	7 770	103	105	119	84	5 337	1 216	513	293	42.0	321
Other craftsmen and kindred workers	103 114	2 133	2 907	17 423	2 609	67 131	6 223	2 980	1 708	38.6	4 156
Operatives, except transport	**769 445**	**15 821**	**25 024**	**57 120**	**31 873**	**489 972**	**94 265**	**32 821**	**22 549**	**40.1**	**29 500**
Assemblers	60 015	1 069	1 886	5 088	2 889	39 755	5 577	2 124	1 627	39.8	2 651
Checkers, examiners, and inspectors; manufacturing	24 871	288	886	1 504	1 308	16 443	3 165	923	354	39.9	1 117
Garage workers and gas station attendants	30 665	1 678	1 552	1 337	866	12 455	5 783	3 021	3 973	43.0	897
Laundry and drycleaning operatives, including ironers	27 319	1 073	1 331	1 616	1 770	14 870	4 159	1 443	1 057	39.8	939
Meat cutters and butchers	19 234	444	474	654	1 420	10 592	3 353	1 268	1 029	41.7	979
Metalworking operatives, except precision machine	85 939	1 717	2 859	6 305	3 391	56 831	9 357	3 119	2 360	39.9	3 401
Filers, polishers, sanders, and buffers	10 821	260	432	1 028	540	6 686	1 240	408	227	39.3	233
Mine operatives, n.e.c.	7 144	53	103	345	101	4 423	1 165	667	287	42.4	221
Packers and wrappers, except produce	32 075	1 109	1 248	1 605	1 758	20 441	4 247	1 129	538	39.3	1 370
Painters, manufactured articles	13 691	277	252	847	549	8 941	1 908	632	285	40.4	504
Precision machine operatives	23 180	212	522	1 973	882	14 185	3 066	1 286	1 054	41.3	899
Sawyers	15 838	719	1 668	1 219	730	8 377	2 197	662	266	37.6	647
Stationary firemen	10 189	109	322	170	131	6 830	1 489	722	416	41.9	299
Textile operatives	30 017	431	704	1 614	923	18 476	6 008	1 237	624	40.9	639
Other specified operatives	154 115	2 816	3 908	20 506	4 979	103 481	11 608	3 898	2 919	39.1	6 436
Miscellaneous and not specified operatives	235 153	3 826	7 309	12 337	10 176	153 872	31 183	10 690	5 760	40.4	8 449
Occupation:											
Machine operatives, miscellaneous specified	90 049	1 474	3 078	5 024	3 925	57 419	12 359	4 584	2 186	40.4	3 537
Machine operatives, not specified	62 924	776	1 275	3 500	2 312	42 799	7 874	2 821	1 567	40.7	1 992
Miscellaneous operatives	57 604	1 139	2 236	2 482	2 830	37 303	8 006	2 239	1 369	40.1	2 124
Not specified operatives	24 576	437	720	1 331	1 109	16 351	2 944	1 046	638	40.3	796
Industry:											
Manufacturing	193 377	2 768	5 330	10 777	8 548	128 327	24 963	8 310	4 354	40.4	7 120
Durable goods	116 271	1 687	3 180	7 594	4 078	79 446	13 177	4 589	2 520	40.2	4 419
Wood products, including furniture	16 789	277	1 014	844	1 047	10 504	2 097	799	207	39.4	345
Primary metal industries	26 291	394	494	1 465	632	19 038	2 858	812	598	40.3	1 360
Fabricated metal industries	13 122	111	290	1 039	268	8 947	1 574	444	449	40.7	324
Machinery, including electrical	19 532	142	409	876	719	13 336	2 531	933	586	41.1	674
Motor vehicles and equipment	13 359	269	401	1 925	447	8 923	752	366	276	38.8	947
Transportation equipment, except motor vehicles	7 079	35	134	284	297	4 980	797	374	178	41.1	167
Other durable goods	20 099	459	438	1 161	668	13 718	2 568	861	226	39.9	594
Nondurable goods	74 655	1 064	2 068	3 067	4 422	47 140	11 455	3 678	1 761	40.7	2 635
Food and kindred products	21 622	343	668	1 009	1 090	12 714	3 638	1 501	659	41.1	592
Apparel and other fabricated textile products	2 911	27	204	130	168	1 732	500	150	–	39.5	24
Paper and allied products	13 413	165	436	595	488	8 630	1 916	828	355	40.9	587
Chemicals and allied products	13 294	123	148	514	277	9 418	1 993	473	348	41.2	564
Other nondurable goods	23 415	406	612	819	2 399	14 646	3 408	726	399	40.0	868
Not specified manufacturing industries	2 451	17	82	116	48	1 741	331	43	73	40.6	78
Nonmanufacturing industries	41 776	1 058	1 979	1 560	1 628	25 545	6 220	2 380	1 406	40.4	1 329
Transportation, communications, and other public utilities	8 078	112	265	96	260	5 722	1 058	315	250	40.9	298
Wholesale and retail trade	15 432	293	697	518	639	8 811	2 842	1 045	587	41.2	514
All other industries	18 266	653	1 017	946	729	11 012	2 320	1 020	569	39.6	517
Transport equipment operatives	**390 056**	**11 976**	**14 086**	**19 474**	**12 648**	**220 828**	**63 967**	**28 567**	**18 510**	**41.1**	**13 153**
Bus drivers	28 588	2 058	2 138	1 043	957	13 747	5 544	1 782	1 319	39.2	851
Parking attendants	5 723	251	360	183	183	2 535	773	799	639	42.9	152
Railroad brakemen and switchmen	5 845	152	167	400	83	3 660	689	441	253	41.0	179
Taxicab drivers and chauffeurs	30 402	1 471	1 478	1 213	1 316	13 979	5 075	3 144	2 726	42.0	1 046
Truck drivers and deliverymen	232 504	6 742	8 128	7 674	7 459	128 736	42 714	19 628	11 423	41.6	6 747
Other transport equipment operatives	86 994	1 302	1 815	8 961	2 650	58 171	9 172	2 773	2 150	39.9	4 178
Laborers, except farm	**615 599**	**35 982**	**43 815**	**50 157**	**25 007**	**362 858**	**62 393**	**22 111**	**13 276**	**37.7**	**24 241**
Construction laborers	125 611	6 152	10 818	10 071	7 305	73 410	12 332	3 844	1 679	37.3	6 393
Freight, stock, and material handlers	189 782	10 671	13 948	10 573	7 328	109 527	23 441	8 631	5 663	38.4	6 039
Gardeners and groundskeepers, except farm	49 561	7 780	5 774	3 761	2 536	22 336	4 768	1 664	942	33.5	1 166
Lumbermen, raftsmen, and woodchoppers	18 710	1 701	3 650	1 642	1 134	7 349	1 878	1 020	336	34.3	768
Other specified laborers	115 726	3 714	3 759	18 721	2 527	75 219	7 165	2 524	2 097	38.2	5 605

Table 46. Employed Negroes by Hours Worked, Occupation, and Sex: 1970—Continued

[Total employed Negroes shown in table 41. Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	At work										With a job, but not at work
	Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 to 59 hours	60 hours or more	Average (mean) hours	
Male, 16 years old and over—Continued											
Laborers, except farm—Continued											
Miscellaneous and not specified laborers	116 209	5 964	5 866	5 389	4 177	75 017	12 809	4 428	2 559	38.7	4 270
Occupation:											
Miscellaneous laborers	41 868	1 724	1 640	1 838	1 138	27 816	5 002	1 662	1 048	39.4	1 762
Not specified laborers	74 341	4 240	4 226	3 551	3 039	47 201	7 807	2 766	1 511	38.3	2 508
Industry:											
Manufacturing	60 141	1 418	1 965	3 337	2 177	41 101	6 628	2 329	1 186	39.8	2 346
Durable goods	42 180	886	1 561	2 496	1 213	29 377	4 327	1 519	801	39.7	1 682
Wood products, including furniture	6 387	178	401	347	250	4 055	797	245	114	39.1	181
Metal industries	21 234	342	574	1 108	428	15 573	2 097	618	494	40.1	914
Machinery, including electrical	3 631	26	91	188	92	2 577	443	172	42	40.5	95
Transportation equipment	5 673	63	250	670	293	3 721	446	120	110	39.0	198
Other durable goods	5 255	277	245	183	150	3 451	544	364	41	38.8	294
Nondurable goods	17 535	518	404	803	905	11 426	2 284	810	385	40.1	640
Food and kindred products	5 866	108	133	178	245	3 749	935	385	133	41.0	182
Not specified manufacturing industries	426	14	–	38	59	298	17	–	–	37.9	24
Nonmanufacturing industries	56 068	4 546	3 901	2 052	2 000	33 916	6 181	2 099	1 373	37.5	1 924
Railroads and railway express service	9 828	253	148	248	104	7 267	1 268	286	254	40.5	573
Transportation, except railroads	3 189	106	172	82	137	2 080	369	189	54	39.5	117
Communications, and utilities and sanitary services	10 815	491	251	63	314	7 818	1 222	387	269	39.8	355
Wholesale and retail trade	12 817	822	1 130	692	501	7 049	1 600	722	301	37.8	340
All other industries[1]	19 419	2 874	2 200	967	944	9 702	1 722	515	495	34.1	539
Farmers and farm managers	**36 303**	**3 319**	**3 899**	**3 818**	**1 720**	**10 300**	**4 624**	**3 934**	**4 689**	**39.9**	**625**
Farm laborers and farm foremen	**140 919**	**15 144**	**18 856**	**13 233**	**6 667**	**43 392**	**18 217**	**13 096**	**12 314**	**37.9**	**3 347**
Paid farm laborers and farm foremen	137 747	15 144	18 257	12 807	6 282	42 391	17 891	12 862	12 113	37.9	3 347
Farm laborers, unpaid family workers	3 172	–	599	426	385	1 001	326	234	201	38.3	–
Service workers, except private household[2]	**615 053**	**34 353**	**39 944**	**36 979**	**23 447**	**355 648**	**69 422**	**27 353**	**27 907**	**38.9**	**18 485**
Cleaning service workers	293 277	17 906	19 295	12 232	10 378	176 676	33 582	11 685	11 523	38.7	7 716
Food service workers	105 835	9 474	11 076	6 115	6 234	46 743	13 675	6 382	6 136	37.7	3 318
Cooks, except private household	47 712	2 066	2 727	2 258	2 495	23 271	7 228	3 751	3 916	41.3	1 394
Busboys and dishwashers	20 696	3 965	4 428	1 401	1 484	6 940	1 474	664	340	30.3	473
Waiters	16 811	1 520	1 827	1 152	992	7 049	2 474	939	858	37.3	739
Other food service workers	20 616	1 923	2 094	1 304	1 263	9 483	2 499	1 028	1 022	37.1	712
Health service workers	35 855	1 018	1 703	1 055	1 192	24 828	2 811	1 126	2 122	40.4	1 145
Personal service workers	45 845	3 174	3 416	2 138	2 108	21 508	6 977	3 417	3 107	39.7	1 162
Barbers	14 361	748	794	650	493	5 214	2 892	2 118	1 452	42.8	219
Protective service workers	59 627	1 253	2 517	1 126	1 664	35 025	9 866	4 009	4 167	42.2	1 542
Firemen, fire protection	4 402	–	150	45	104	1 323	917	774	1 089	49.9	111
Guards and watchmen	30 046	808	1 332	745	911	18 765	3 976	1 741	1 768	41.2	852
Policemen and detectives	22 188	185	459	315	440	13 638	4 589	1 423	1 139	42.7	528
Private household workers	**16 853**	**3 020**	**2 725**	**1 579**	**880**	**6 107**	**1 410**	**632**	**500**	**32.1**	**636**
Private household workers – living in	667	58	24	38	117	240	95	–	95	40.4	–
Private household workers – living out	16 186	2 962	2 701	1 541	763	5 867	1 315	632	405	31.7	636
Female, 16 years old and over	**3 193 874**	**256 312**	**349 436**	**319 833**	**318 427**	**1 656 074**	**195 720**	**56 069**	**42 003**	**35.1**	**139 785**
Professional, technical, and kindred workers	**358 423**	**16 308**	**27 804**	**39 581**	**49 041**	**195 884**	**19 765**	**5 119**	**4 921**	**36.6**	**20 165**
Accountants	7 067	211	393	394	968	4 379	510	163	49	37.9	224
Computer specialists	2 574	40	61	133	308	1 865	151	–	16	38.7	146
Engineers	719	…	…	49	65	576	13	16	–	39.5	–
Lawyers and judges	394	18	18	–	54	190	70	23	21	…	–
Librarians	6 192	560	480	613	1 409	2 783	265	65	17	34.4	386
Mathematical specialists	826	…	…	23	157	561	–	61	24	40.8	59
Life and physical scientists	1 319	40	59	28	210	857	97	28	–	38.1	62
Physicians, dentists, and related practitioners	1 691	67	115	160	103	768	150	168	160	41.0	20
Registered nurses, dietitians, and therapists	68 255	1 901	4 764	3 415	4 423	45 483	5 024	1 566	1 679	38.6	3 232
Dietitians	6 360	196	421	283	364	4 567	326	84	119	38.2	347
Registered nurses	58 984	1 664	4 200	2 998	3 747	38 916	4 557	1 380	1 522	38.6	2 668
Therapists	2 911	41	143	134	312	2 000	141	102	38	38.9	217
Health technologists and technicians	14 753	337	574	596	1 314	10 343	1 123	258	208	38.9	392
Religious workers	1 288	198	171	80	62	459	82	42	194	37.0	–
Social scientists	1 270	117	151	62	209	636	57	17	21	34.7	35
Social and recreation workers	24 896	1 303	1 866	1 202	4 740	13 998	1 050	391	346	36.6	965
Teachers	169 326	9 082	15 925	24 434	30 198	77 921	8 616	1 694	1 456	35.3	11 711
College and university	7 120	1 475	1 077	643	554	2 578	599	108	86	30.5	415
Elementary and prekindergarten	120 761	5 005	10 987	18 494	22 604	55 599	6 083	1 054	935	35.6	8 564
Secondary	35 807	1 584	3 224	4 599	6 686	17 126	1 756	476	356	35.9	2 531
Other teachers	5 638	1 018	637	698	354	2 618	178	56	79	31.6	201
Engineering and science technicians	4 524	190	302	233	356	2 912	353	77	101	38.0	176
Technicians, except health, and engineering and science	1 207	…	97	85	60	853	97	–	15	38.6	78
Writers, artists, and entertainers	6 387	841	950	590	796	2 423	436	130	221	33.4	206
Actors and dancers	607	39	152	44	136	175	61	–	–	32.3	–
Authors, editors, and reporters	1 825	95	294	135	320	696	199	41	45	35.6	85
Designers	610	18	22	78	77	361	18	16	20	38.3	14
Other professional, technical, and kindred workers	45 735	1 403	1 878	7 484	3 609	28 877	1 671	420	393	37.2	2 473
Managers and administrators, except farm	**45 306**	**1 501**	**2 440**	**2 968**	**5 439**	**22 500**	**5 120**	**1 959**	**3 379**	**40.3**	**1 319**
Buyers, purchasing agents, and sales managers	4 091	58	122	80	579	2 814	344	56	38	39.2	96
Restaurant, cafeteria, and bar managers	7 335	281	413	650	875	2 985	739	549	843	41.4	229
School administrators	4 868	213	360	470	708	2 095	765	175	82	37.7	293
Other specified managers and administrators	15 407	377	790	1 181	1 606	9 137	1 275	347	694	39.3	383
Managers and administrators, n.e.c., salaried	9 366	393	392	376	1 531	4 345	1 330	484	515	40.0	213
Manufacturing	565	–	–	20	83	329	94	39	–	41.0	24
Wholesale and retail trade	2 824	114	112	92	250	1 101	569	269	317	43.0	35

[1]Includes transportation, communications, and other public utilities – allocated. [2]Includes allocated cases not shown separately.

Table 46. **Employed Negroes by Hours Worked, Occupation, and Sex: 1970**—Continued

[Total employed Negroes shown in table 41. Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	At work										With a job, but not at work
	Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 to 59 hours	60 hours or more	Average (mean) hours	
Female, 16 years old and over—Continued											
Managers and administrators, except farm—Con.											
Managers and administrators, n.e.c., salaried—Continued											
Finance, insurance, and real estate	548	26	18	67	149	214	41	18	15	37.5	–
All other industries	5 429	253	262	197	1 049	2 701	626	158	183	38.6	154
Managers and administrators, n.e.c., self-employed	4 239	179	363	211	140	1 124	667	348	1 207	46.8	105
Wholesale and retail trade	2 997	149	252	126	52	791	408	266	953	47.6	82
Personal services	663	–	66	17	40	172	111	66	191	48.3	23
All other industries	579	30	45	68	48	161	148	16	63	40.6	–
Sales workers	**81 610**	**7 439**	**12 196**	**7 585**	**9 127**	**37 071**	**5 356**	**1 567**	**1 269**	**34.1**	**3 471**
Demonstrators, hucksters, and peddlers	2 310	921	561	102	37	518	87	43	41	23.2	171
Insurance, real estate agents, and brokers	5 187	371	600	361	515	2 335	573	271	161	36.8	267
Sales clerks, retail trade	53 827	4 930	9 642	4 188	7 463	21 877	3 613	1 104	1 010	33.7	2 142
Salesmen, retail trade	1 580	103	178	144	166	775	148	48	18	35.9	45
Other sales workers	18 706	1 114	1 215	2 790	946	11 566	935	101	39	35.9	846
Clerical and kindred workers	**662 706**	**35 476**	**53 615**	**48 727**	**95 856**	**380 159**	**33 808**	**9 363**	**5 702**	**36.3**	**28 391**
Bank tellers	7 476	99	449	592	2 009	3 733	469	107	18	37.4	287
Billing clerks	3 581	169	138	236	661	2 025	265	25	62	37.5	153
Bookkeepers	32 522	1 236	1 524	1 670	6 893	18 019	2 255	433	492	37.7	923
Cashiers	41 918	3 315	7 319	4 248	3 994	18 701	2 798	978	565	34.1	1 641
Counter clerks, except food	9 633	567	1 023	798	1 098	4 865	802	354	126	36.3	330
Enumerators and interviewers	3 801	525	642	326	488	1 373	302	61	84	32.5	44
File clerks	37 411	2 316	3 679	1 773	6 399	21 176	1 589	286	193	35.6	1 684
Library attendants and assistants	6 945	2 128	1 110	279	836	2 343	209	18	22	26.7	346
Mail handlers and postal clerks	33 792	1 242	3 460	2 150	2 134	21 152	2 589	721	344	37.1	2 270
Office machine operators	42 381	1 324	2 228	2 398	7 958	24 886	2 685	610	292	37.6	1 761
Bookkeeping and billing machine operators	3 653	98	206	240	887	1 962	214	46	–	37.1	102
Keypunch operators	29 822	934	1 672	1 548	5 700	17 597	1 759	442	170	37.5	1 260
Payroll and timekeeping clerks	4 978	96	196	407	855	2 940	298	81	105	38.5	166
Receptionists	13 879	1 627	1 408	649	1 780	7 426	685	159	145	34.2	442
Secretaries	84 904	4 081	5 790	4 260	13 687	51 289	3 877	1 123	797	36.8	2 803
Stenographers	5 631	106	261	404	1 040	3 518	136	87	79	38.0	59
Stock clerks and storekeepers	11 685	357	898	834	1 293	7 480	678	86	59	37.1	407
Telephone operators	39 342	1 371	3 616	1 784	4 518	23 885	3 123	845	200	37.2	2 258
Typists	84 643	5 225	6 635	4 161	13 908	49 891	3 257	887	679	36.1	2 847
Other clerical and kindred workers	198 184	9 692	13 239	21 758	26 305	115 457	7 791	2 502	1 440	36.4	9 970
Craftsmen and kindred workers	**46 120**	**1 616**	**2 309**	**4 222**	**4 671**	**27 658**	**3 853**	**1 015**	**776**	**38.1**	**2 020**
Decorators and window dressers	1 830	149	58	183	234	997	149	35	25	36.6	43
Foremen, n.e.c.	7 902	98	320	633	906	4 556	918	267	204	39.6	83
Operatives, except transport	**508 508**	**16 931**	**33 547**	**56 430**	**49 884**	**308 863**	**33 408**	**6 328**	**3 117**	**37.1**	**25 646**
Assemblers	48 266	975	1 981	4 099	3 035	34 737	2 555	574	310	38.3	3 007
Bottling and canning operatives	1 795	94	214	122	155	1 057	153	–	–	35.7	69
Checkers, examiners, and inspectors; manufacturing	27 393	382	1 155	2 834	2 873	17 321	2 287	466	75	38.3	1 611
Dressmakers and seamstresses, except factory	8 084	849	1 018	815	946	3 829	395	168	64	33.8	216
Laundry and drycleaning operatives, including ironers	82 484	3 370	7 164	8 692	11 470	44 812	5 439	931	606	36.4	2 918
Graders and sorters, manufacturing	3 325	175	350	304	284	1 991	144	60	17	35.9	31
Packers and wrappers, except produce	37 648	1 434	2 457	3 410	3 975	23 024	2 707	415	226	37.1	2 770
Sewers and stitchers	74 631	2 595	6 268	8 628	10 548	41 450	4 127	761	254	36.4	2 973
Textile operatives	27 874	498	1 520	2 800	1 764	15 218	5 284	635	155	38.9	1 280
Other specified operatives	101 169	2 862	4 344	15 913	5 507	66 399	4 151	1 251	742	37.4	6 236
Miscellaneous and not specified operatives	95 839	3 697	7 076	8 813	9 327	59 025	6 166	1 067	668	37.0	4 535
Manufacturing	80 057	2 338	5 527	7 421	7 640	50 580	5 081	985	485	37.3	4 105
Durable goods	37 349	711	1 904	3 393	2 133	26 352	2 307	400	149	38.1	1 925
Metal industries	4 713	124	221	471	221	3 245	374	47	10	37.9	206
Machinery, including electrical	14 604	229	480	1 304	796	10 512	1 002	215	66	38.7	909
Nondurable goods	42 708	1 627	3 623	4 028	5 507	24 228	2 774	585	336	36.7	2 180
Food and kindred products	13 117	947	1 666	1 170	1 779	5 915	1 332	174	134	35.1	686
Apparel and other fabricated textile products	9 235	210	676	972	1 305	5 461	513	80	18	37.0	433
Leather and leather products	1 993	46	93	364	364	1 075	51	–	–	36.3	42
Nonmanufacturing industries	15 782	1 359	1 549	1 392	1 687	8 445	1 085	82	183	35.1	430
Transport equipment operatives	**12 461**	**1 508**	**1 963**	**676**	**550**	**5 790**	**1 056**	**537**	**441**	**34.7**	**476**
Bus drivers	3 738	841	1 428	175	180	884	167	19	44	25.7	152
Laborers, except farm	**46 244**	**3 006**	**4 206**	**4 248**	**3 025**	**26 109**	**3 800**	**1 207**	**643**	**36.4**	**2 128**
Farmers and farm managers	**4 953**	**442**	**687**	**671**	**761**	**1 932**	**209**	**103**	**148**	**34.1**	**120**
Farm laborers and farm foremen	**35 499**	**6 662**	**6 487**	**4 380**	**2 750**	**11 289**	**2 099**	**1 159**	**673**	**30.7**	**1 700**
Paid farm laborers and farm foremen	33 411	6 662	6 057	3 956	2 579	10 623	1 987	975	572	30.3	1 700
Farm laborers, unpaid family workers	2 088	–	430	424	171	666	112	184	101	36.9	–
Service workers, except private household[3]	**815 337**	**52 668**	**82 573**	**73 863**	**59 174**	**458 794**	**57 481**	**17 872**	**12 912**	**36.2**	**35 118**
Cleaning service workers	198 948	16 082	27 690	17 746	16 908	102 724	12 356	3 245	2 197	34.6	7 209
Chambermaids and maids	72 390	5 186	8 798	6 961	7 934	35 737	5 548	1 471	755	35.2	2 710
Food service workers	220 334	15 778	25 152	20 532	20 434	100 958	25 321	7 584	4 575	36.2	8 789
Cooks, except private household	106 832	5 040	9 049	10 540	10 773	49 253	14 626	4 983	2 568	37.8	3 645
Waiters and food counter workers	54 316	5 701	8 655	4 974	4 789	22 785	4 965	1 246	1 201	34.0	2 886
Health service workers	216 490	6 650	12 618	9 123	12 885	155 766	11 979	3 948	3 521	38.4	9 428
Nursing aides, orderlies, and attendants	146 401	4 264	7 496	5 865	8 641	107 654	8 055	2 334	2 092	38.5	6 501
Practical nurses	46 882	1 229	3 060	2 300	2 461	32 663	2 619	1 326	1 224	38.8	2 181
Personal service workers	79 203	9 820	12 185	7 527	5 784	33 811	5 475	2 503	2 098	33.7	3 356
Hairdressers and cosmetologists	32 102	4 784	5 685	3 889	2 295	11 306	2 485	1 188	470	32.0	1 322
Housekeepers, except private household	9 209	638	776	412	573	5 676	770	199	165	36.9	369
Private household workers	**576 707**	**112 755**	**121 609**	**76 542**	**38 149**	**180 025**	**29 765**	**9 840**	**8 022**	**29.3**	**19 231**
Private household workers—living in	16 532	431	587	915	1 380	7 147	3 101	1 815	1 815	42.9	220
Private household workers—living out	560 175	112 324	121 022	75 627	36 769	172 878	26 664	8 684	6 207	28.9	19 011

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

Table 47. Employed Persons of Spanish Origin by Hours Worked, Occupation, and Sex: 1970

[Total employed Persons of Spanish origin shown in table 42. Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	At work										With a job, but not at work
	Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 to 59 hours	60 hours or more	Average (mean) hours	
Male, 16 years old and over	**1 823 034**	**62 705**	**90 732**	**82 017**	**95 936**	**937 593**	**286 424**	**146 951**	**120 676**	**41.3**	**51 362**
Professional, technical, and kindred workers	**136 740**	**5 523**	**6 644**	**6 385**	**10 299**	**64 894**	**19 564**	**10 815**	**12 616**	**41.7**	**3 557**
Accountants	10 203	145	266	388	1 349	4 725	1 697	760	873	42.7	140
Architects	817	19	–	–	105	360	152	98	83	44.4	41
Computer specialists	3 289	97	113	146	482	1 743	399	252	57	39.7	37
Engineers	16 573	172	306	522	757	10 401	2 564	1 307	544	41.8	217
Aeronautical and astronautical	933	–	41	21	9	686	91	20	65	41.8	18
Civil	3 339	40	62	118	273	2 079	448	260	59	41.0	80
Electrical and electronic	3 885	16	22	106	193	2 415	652	331	150	42.6	76
Mechanical	2 145	44	24	81	50	1 385	278	164	119	42.1	27
Other engineers	6 271	72	157	196	232	3 836	*1 095*	*532*	*151*	*41.6*	16
Lawyers and judges	2 398	106	143	56	178	694	579	370	272	43.7	14
Life and physical scientists	3 092	43	99	85	195	1 814	546	170	140	41.6	19
Chemists	1 940	24	60	40	147	1 151	341	93	84	41.5	19
Physicians, dentists, and related practitioners	12 413	121	280	242	309	2 354	2 499	2 016	4 592	53.1	124
Dentists	935	38	37	41	119	285	271	56	88	42.3	39
Pharmacists	1 700	22	117	17	–	393	560	245	346	48.0	43
Physicians, medical and osteopathic	9 289	61	126	125	190	1 574	1 492	1 647	4 074	55.3	20
Other related practitioners	489	–	–	59	–	102	176	68	84	48.0	22
Registered nurses, dietitians, and therapists	2 139	56	111	30	81	1 279	332	100	150	41.5	178
Health technologists and technicians	4 101	87	174	137	387	2 013	626	*351*	326	*42.2*	*59*
Religious workers	3 373	140	145	176	165	901	368	253	1 225	49.4	22
Social scientists	1 656	28	83	75	211	845	240	86	88	40.7	–
Social and recreation workers	4 843	385	366	203	527	2 570	423	147	222	37.5	76
Teachers	19 629	1 585	1 608	1 565	1 761	7 597	2 687	1 488	1 338	38.6	1 310
College and university	5 373	875	765	443	240	1 363	663	414	610	36.3	481
Elementary and prekindergarten	4 730	71	252	412	542	2 129	861	238	225	40.5	389
Secondary	7 828	410	447	571	837	3 459	896	816	392	39.7	419
Other teachers	1 698	229	144	139	142	646	267	20	111	36.1	21
Engineering and science technicians	20 386	*454*	*640*	*561*	1 366	12 690	2 737	1 264	674	40.8	460
Draftsmen and surveyors	10 410	117	412	295	740	6 200	1 612	726	308	*41.1*	*244*
Electrical and electronic engineering technicians	3 886	36	–	48	267	2 709	427	276	123	41.8	102
Technicians, except health, and engineering and science	2 569	147	145	78	57	1 485	273	129	255	40.9	101
Airplane pilots	490	83	101	20	–	112	83	47	44	35.2	20
Writers, artists, and entertainers	14 410	1 132	1 339	788	1 456	5 733	1 870	1 094	998	38.7	336
Authors, editors, and reporters	1 507	41	101	35	166	805	258	46	55	39.7	61
Designers	2 251	16	22	73	279	1 297	283	187	94	41.9	–
Other professional, technical, and kindred workers	14 849	806	826	1 333	913	7 690	1 572	930	779	39.2	423
Managers and administrators, except farm	**98 928**	**1 533**	**1 860**	**2 443**	**4 402**	**34 830**	**21 625**	**15 455**	**16 780**	**47.0**	**1 663**
Buyers, purchasing agents, and sales managers	10 944	93	202	171	462	3 745	*3 224*	*1 592*	*1 455*	*46.6*	187
School administrators	1 607	35	37	61	74	728	317	118	237	44.8	62
Specified managers and administrators, public administration	6 344	41	137	124	176	4 299	725	527	315	42.3	64
Other specified managers and administrators	24 231	483	483	792	1 421	9 481	4 917	3 057	3 597	45.6	581
Managers and administrators, n.e.c., salaried	39 370	509	640	733	1 893	12 964	9 420	7 222	5 989	47.2	486
Manufacturing	7 251	102	53	99	517	2 641	1 724	1 390	725	45.8	44
Transportation, communications, and other public utilities	3 057	–	–	88	56	1 410	703	431	369	46.4	86
Wholesale and retail trade	17 301	188	221	185	619	4 201	4 417	3 899	3 571	49.6	172
Finance, insurance, and real estate	2 135	41	120	93	204	1 004	359	115	*199*	*42.0*	22
All other industries	9 626	178	246	268	497	3 708	2 217	1 387	1 125	45.1	162
Managers and administrators, n.e.c., self-employed	16 432	372	361	562	376	3 613	3 022	2 939	5 187	51.1	283
Construction	2 959	80	119	225	150	1 032	598	452	303	43.7	18
Manufacturing	1 243	21	56	22	42	340	370	148	244	47.4	26
Wholesale trade	1 091	–	33	82	34	263	258	260	161	47.5	61
Retail trade	7 965	121	85	105	108	1 210	1 094	1 462	3 780	56.1	93
All other industries	3 174	150	68	128	42	768	702	617	699	47.9	85
Sales workers	**74 067**	**3 545**	**5 291**	**3 258**	**3 511**	**28 105**	**14 705**	**9 299**	**6 353**	**41.9**	**1 640**
Insurance agents, brokers, and underwriters	6 953	97	224	356	597	2 613	*1 566*	*898*	*602*	*43.7*	137
Real estate agents and brokers	2 541	77	83	81	82	705	588	546	379	46.5	39
Sales representatives, manufacturing industries	5 971	134	167	167	374	2 565	1 282	836	446	43.6	50
Sales representatives, wholesale trade	10 067	148	293	200	441	4 121	2 223	1 642	999	45.0	141
Sales clerks, retail trade	28 316	1 929	3 427	1 536	1 354	10 299	4 582	2 932	2 257	39.5	758
Salesmen, retail trade	9 795	206	229	178	204	2 968	3 072	1 763	1 175	46.4	321
Salesmen of services and construction	2 965	117	292	101	68	1 381	586	262	158	40.4	38
Other sales workers	7 459	837	576	639	391	3 453	806	420	337	36.7	156
Clerical and kindred workers	**138 016**	**4 635**	**9 010**	**5 916**	**12 715**	**73 264**	**19 571**	**8 031**	**4 874**	**39.6**	**3 458**
Bank tellers and cashiers	8 408	527	1 153	558	928	3 293	*1 055*	431	463	37.4	118
Bookkeepers and billing clerks	11 787	277	621	405	1 465	5 270	1 989	1 110	650	41.3	146
Mail handlers and postal clerks	17 157	447	1 346	431	943	10 389	2 232	586	783	39.8	523
Shipping and receiving clerks	21 998	291	830	692	1 466	12 880	3 798	1 422	619	41.0	690
Stock clerks and storekeepers	14 798	411	789	649	1 069	8 531	1 958	978	413	39.9	398
Other clerical and kindred workers	63 868	2 682	4 271	3 181	6 844	32 901	8 539	3 504	1 946	39.0	1 583
Craftsmen and kindred workers	**372 318**	**6 646**	**12 644**	**16 000**	**18 478**	**212 762**	**61 009**	**29 491**	**15 288**	**41.4**	**10 026**
Apparel craftsmen and upholsterers	10 175	97	623	362	912	5 416	1 657	768	340	40.8	240
Bakers	6 453	150	229	103	851	2 730	1 326	446	618	42.8	63
Cabinetmakers	3 979	64	248	*159*	*186*	2 433	469	360	60	40.1	65
Construction craftsmen	106 514	3 097	5 888	6 009	6 443	62 660	13 675	5 957	2 785	39.6	3 779
Carpenters	30 204	794	1 453	1 878	1 734	19 077	3 313	1 412	543	39.3	1 030
Excavating, grading, and road machine operators	12 202	162	353	415	204	6 668	2 270	1 075	1 055	43.5	270
Electricians	13 001	139	226	494	707	8 106	2 151	893	285	41.3	421
Masons and tile setters	7 925	262	922	568	473	4 531	692	401	76	37.4	362
Painters, construction and maintenance, and paperhangers	18 059	842	1 298	1 256	1 520	9 624	2 254	995	270	38.1	643
Plasterers and cement finishers	8 381	293	779	618	433	4 828	1 069	198	163	38.0	357
Plumbers and pipe fitters	11 115	295	311	296	762	7 236	1 234	642	339	40.4	372
Other construction craftsmen	5 627	310	546	484	610	2 590	692	341	54	37.1	324

Table 47. **Employed Persons of Spanish Origin by Hours Worked, Occupation, and Sex: 1970**—Continued

[Total employed Persons of Spanish origin shown in table 42. Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	At work										With a job, but not at work
	Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 to 59 hours	60 hours or more	Average (mean) hours	
Male, 16 years old and over—Continued											
Craftsmen and kindred workers—Continued											
Cranemen, derrickmen and hoistmen	5 430	26	118	165	151	3 616	904	315	135	41.6	274
Foremen, n.e.c.	40 606	179	621	879	1 485	21 094	9 215	4 477	2 656	43.9	812
Durable goods manufacturing	13 293	38	143	198	217	7 171	3 260	1 469	797	44.2	143
Nondurable goods, including not specified manufacturing	8 920	22	174	268	560	4 462	1 937	1 002	495	43.4	268
Nonmanufacturing industries	18 393	119	304	413	708	9 461	4 018	2 006	1 364	44.0	401
Linemen and servicemen, telephone and power	8 642	101	125	99	245	5 580	1 208	826	458	42.8	274
Locomotive engineers and firemen	581	–	–	–	–	338	104	118	21	44.8	16
Mechanics and repairmen	97 156	1 410	2 378	2 565	2 583	55 117	18 757	9 267	5 079	42.7	2 149
Air conditioning, heating, and refrigeration	4 662	97	147	208	113	2 810	894	210	183	41.2	158
Aircraft	7 784	60	166	102	57	6 150	729	344	176	41.0	153
Automobile, including body	40 337	711	1 142	1 044	928	19 218	9 610	4 877	2 807	43.6	821
Radio and television	6 844	165	128	258	217	4 051	974	695	356	42.1	49
Other mechanics and repairmen	37 529	377	795	953	1 268	22 888	6 550	3 141	1 557	42.3	968
Metal craftsmen, except mechanics	35 338	334	723	1 727	993	21 851	5 471	3 255	984	41.7	759
Machinists and job and die setters	16 030	185	291	576	360	9 868	2 616	1 727	407	42.0	315
Sheetmetal workers and tinsmiths	6 312	61	122	367	189	4 480	563	378	152	40.8	155
Tool and die makers	4 166	20	91	248	211	1 780	984	617	215	43.6	60
Other metal craftsmen	8 830	68	219	536	233	5 723	1 308	533	210	41.1	229
Printing craftsmen	14 577	173	352	425	2 701	7 038	2 311	1 143	434	41.0	416
Compositors and typesetters	5 413	20	125	144	1 127	2 617	864	361	155	41.1	264
Pressmen and plate printers, printing	7 364	110	203	178	1 183	3 617	1 217	594	262	41.2	108
Stationary engineers and power station operators	3 943	20	125	41	33	2 825	567	147	185	41.8	179
Other craftsmen and kindred workers	38 924	995	1 214	3 466	1 895	22 064	5 345	2 412	1 533	40.5	1 000
Operatives, except transport	**366 461**	**7 695**	**12 135**	**17 562**	**18 627**	**221 014**	**52 910**	**23 881**	**12 637**	**40.8**	**11 657**
Assemblers	33 170	489	649	2 094	1 763	22 558	3 759	1 491	367	40.0	914
Checkers, examiners, and inspectors; manufacturing	11 589	103	198	719	547	7 084	1 861	674	403	41.4	258
Garage workers and gas station attendants	16 711	1 305	2 331	852	620	4 902	2 471	1 553	2 677	41.0	298
Laundry and drycleaning operatives, including ironers	10 267	188	374	683	1 033	5 709	1 345	616	319	40.3	269
Meat cutters and butchers	15 101	161	417	305	940	7 535	3 376	1 597	770	42.9	473
Metalworking operatives, except precision machine	49 770	621	926	2 395	1 822	31 760	7 177	3 475	1 594	41.4	1 525
Filers, polishers, sanders, and buffers	6 397	62	125	455	543	3 928	875	269	140	40.4	180
Mine operatives, n.e.c.	8 079	173	103	222	214	3 457	2 477	895	538	44.0	262
Packers and wrappers, except produce	20 358	741	858	773	1 783	12 806	2 177	993	227	39.0	573
Painters, manufactured articles	9 223	40	169	526	345	5 684	1 776	545	138	41.3	195
Precision machine operatives	13 723	92	318	742	345	8 153	2 460	1 297	316	41.8	525
Sawyers	3 376	64	157	178	114	2 290	344	208	21	39.5	142
Stationary firemen	2 301	111	15	23	40	1 528	258	149	177	41.9	156
Textile operatives	5 880	173	124	237	365	3 355	871	411	344	41.6	183
Other specified operatives	52 923	1 366	2 263	3 225	3 314	31 066	6 608	3 299	1 782	40.2	1 813
Miscellaneous and not specified operatives	113 990	2 068	3 233	4 588	5 382	73 127	15 950	6 678	2 964	40.7	4 071
Occupation:											
Machine operatives, miscellaneous specified	41 609	891	1 071	1 799	1 935	26 192	6 357	2 393	971	40.6	1 743
Machine operatives, not specified	33 455	544	678	1 519	1 198	22 288	4 196	2 032	1 000	41.0	947
Miscellaneous operatives	27 906	520	1 264	904	1 545	17 184	3 977	1 770	742	40.5	894
Not specified operatives	11 020	113	220	366	704	7 463	1 420	483	251	40.8	487
Industry:											
Manufacturing	94 664	1 588	2 198	4 202	4 572	61 397	13 131	5 197	2 379	40.7	3 427
Durable goods	54 848	866	1 268	2 537	2 014	36 986	7 087	2 878	1 212	40.6	1 950
Wood products, including furniture	5 154	110	198	284	186	3 427	650	217	82	39.8	58
Primary metal industries	9 773	99	134	436	303	6 740	1 210	562	289	41.3	573
Fabricated metal industries	9 012	194	243	405	212	6 027	1 267	440	224	40.5	275
Machinery, including electrical	11 628	132	276	462	406	7 744	1 775	652	181	40.8	334
Motor vehicles and equipment	2 665	21	88	422	226	1 531	267	72	38	38.9	140
Transportation equipment, except motor vehicles	3 955	38	87	100	89	2 801	420	252	168	41.7	168
Other durable goods	12 661	272	242	428	592	8 716	1 498	683	230	40.4	402
Nondurable goods	38 023	698	892	1 543	2 461	23 095	5 868	2 299	1 167	41.0	1 456
Food and kindred products	10 886	293	358	351	601	6 177	1 953	886	267	40.9	453
Apparel and other fabricated textile products	2 669	39	73	199	271	1 600	335	97	55	39.8	77
Paper and allied products	6 460	59	90	208	322	4 343	848	362	228	41.5	309
Chemicals and allied products	5 385	–	77	159	205	3 600	871	194	279	42.3	108
Other nondurable goods	12 623	307	294	626	1 062	7 375	1 861	760	338	40.5	509
Not specified manufacturing industries	1 793	24	38	122	97	1 316	176	20	–	39.1	21
Nonmanufacturing industries	19 326	480	1 035	386	810	11 730	2 819	1 481	585	40.6	644
Transportation, communications, and other public utilities	3 671	80	44	23	61	2 727	411	177	148	41.4	136
Wholesale and retail trade	7 169	178	339	199	273	3 973	1 337	737	133	40.9	224
All other industries	8 486	222	652	164	476	5 030	1 071	567	304	40.0	284
Transport equipment operatives	**122 413**	**3 391**	**4 723**	**4 187**	**4 497**	**61 268**	**24 606**	**11 190**	**8 551**	**42.4**	**3 806**
Bus drivers	5 906	318	486	169	145	2 820	1 069	570	329	40.3	253
Parking attendants	2 210	112	200	56	150	944	416	255	77	39.8	18
Railroad brakemen and switchmen	1 867	–	59	17	43	1 053	274	202	219	44.9	61
Taxicab drivers and chauffeurs	8 358	217	343	255	664	3 982	1 142	733	1 022	43.3	336
Truck drivers and deliverymen	84 314	2 276	3 194	2 444	3 097	39 895	18 811	8 299	6 298	42.8	2 470
Other transport equipment operatives	19 758	468	441	1 246	398	12 574	2 894	1 131	606	40.7	668
Laborers, except farm	**188 397**	**10 062**	**14 925**	**10 793**	**7 989**	**104 329**	**25 669**	**9 784**	**4 846**	**38.4**	**6 113**
Construction laborers	43 441	1 571	3 133	2 608	2 117	26 113	5 130	1 897	872	38.7	1 468
Freight, stock, and material handlers	61 629	3 523	6 848	3 815	2 930	30 518	8 778	3 681	1 536	37.7	1 938
Gardeners and groundskeepers, except farm	23 513	2 459	1 639	1 063	695	11 638	4 261	1 032	726	37.4	441
Lumbermen, raftsmen, and woodchoppers	857	104	113	43	93	353	90	18	43	35.1	23
Other specified laborers	20 273	1 105	1 110	1 558	633	11 497	2 053	1 331	986	39.3	766

Table 47. Employed Persons of Spanish Origin by Hours Worked, Occupation, and Sex: 1970—Continued

[Total employed Persons of Spanish origin shown in table 42. Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	At work										With a job, but not at work
	Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 to 59 hours	60 hours or more	Average (mean) hours	
Male, 16 years old and over—Continued											
Laborers, except farm—Continued											
Miscellaneous and not specified laborers	38 684	1 300	2 082	1 706	1 521	24 210	5 357	1 825	683	39.3	1 477
Occupation:											
Miscellaneous laborers	12 301	162	568	397	378	7 997	1 772	736	291	40.6	610
Not specified laborers	26 383	1 138	1 514	1 309	1 143	16 213	3 585	1 089	392	38.7	867
Industry:											
Manufacturing	18 573	415	734	996	710	12 552	2 320	547	299	39.6	796
Durable goods	12 003	212	411	596	460	8 372	1 495	250	207	39.8	616
Wood products, including furniture	1 310	23	–	82	61	1 060	84	–	–	39.1	17
Metal industries	6 457	52	238	259	175	4 670	811	115	137	40.2	352
Machinery, including electrical	1 349	–	17	124	43	932	164	69	–	40.3	45
Transportation equipment	1 057	39	90	62	62	557	166	47	34	39.0	94
Other durable goods	1 830	98	66	69	119	1 153	270	19	36	38.6	108
Nondurable goods	6 278	203	323	400	250	3 950	763	297	92	39.1	157
Food and kindred products	3 226	165	202	294	105	1 695	493	219	53	38.6	65
Not specified manufacturing industries	292	–	–	–	–	230	62	–	–	...	23
Nonmanufacturing industries	20 111	885	1 348	710	811	11 658	3 037	1 278	384	39.2	681
Railroads and railway express service	4 608	46	93	90	69	3 670	459	152	29	40.3	237
Transportation, except railroads	1 051	–	111	18	77	626	83	115	21	40.0	43
Communications, and utilities and sanitary services	2 290	47	26	58	23	1 651	323	135	27	40.8	58
Wholesale and retail trade	5 269	296	656	270	257	2 012	1 194	463	121	38.4	180
All other industries[1]	6 893	496	462	274	385	3 699	978	413	186	38.3	163
Farmers and farm managers	**14 510**	**735**	**966**	**789**	**573**	**2 815**	**1 614**	**1 712**	**5 306**	**49.4**	**203**
Farm laborers and farm foremen	**94 928**	**6 837**	**7 912**	**5 945**	**3 223**	**22 947**	**14 329**	**12 931**	**20 804**	**45.2**	**2 863**
Paid farm laborers and farm foremen	94 135	6 837	7 676	5 826	3 146	22 851	14 287	12 843	20 669	45.2	2 863
Farm laborers, unpaid family workers	793	–	236	119	77	96	42	88	135	39.8	–
Service workers, except private household[2]	**214 656**	**11 887**	**14 398**	**8 697**	**11 516**	**110 677**	**30 568**	**14 314**	**12 599**	**39.8**	**6 342**
Cleaning service workers	78 698	4 836	4 675	2 829	3 293	48 624	8 567	3 310	2 564	38.6	2 751
Food service workers	74 567	5 077	6 969	3 152	5 465	31 165	12 521	5 258	4 960	39.3	2 061
Cooks, except private household	24 349	1 063	1 665	697	1 494	9 901	4 908	2 439	2 182	41.9	728
Busboys and dishwashers	20 758	2 142	2 794	833	1 454	8 866	2 833	1 178	658	36.0	391
Waiters	11 608	570	1 122	880	899	4 964	1 818	607	748	39.2	426
Other food service workers	17 852	1 302	1 388	742	1 618	7 434	2 962	1 034	1 372	39.5	516
Health service workers	7 423	262	640	321	445	4 370	639	315	431	39.4	169
Personal service workers	23 371	1 014	1 228	766	1 259	10 474	4 437	2 710	1 483	41.6	330
Barbers	9 501	246	240	233	322	3 388	2 389	1 917	766	44.8	61
Protective service workers	20 994	354	544	460	670	9 775	3 792	2 470	2 929	45.3	471
Firemen, fire protection	3 789	18	42	54	–	528	566	900	1 681	56.4	145
Guards and watchmen	7 792	209	257	240	418	4 435	1 215	595	423	41.6	116
Policemen and detectives	7 984	78	128	145	208	4 213	1 716	827	669	44.2	210
Private household workers	**1 600**	**216**	**224**	**42**	**106**	**688**	**254**	**48**	**22**	**34.3**	**34**
Private household workers—living in	260	–	–	–	18	167	75	–	–	...	20
Private household workers—living out	1 340	216	224	42	88	521	179	48	22	32.9	14
Female, 16 years old and over	**975 845**	**69 222**	**101 421**	**79 154**	**115 026**	**503 373**	**72 010**	**19 501**	**16 138**	**35.8**	**43 389**
Professional, technical, and kindred workers	**77 996**	**6 038**	**7 653**	**6 213**	**9 906**	**38 594**	**5 654**	**1 891**	**2 047**	**36.0**	**4 332**
Accountants	3 151	115	20	146	626	1 718	331	156	39	39.2	121
Computer specialists	697	–	16	67	42	457	48	67	–	40.2	18
Engineers	276	–	–	–	18	258	–	–	–	...	–
Lawyers and judges	96	–	–	–	45	21	30	–	–	...	–
Librarians	1 303	200	179	53	210	597	44	20	–	31.9	73
Mathematical specialists	145	–	–	–	64	68	13	–	–	...	–
Life and physical scientists	398	15	17	–	140	187	20	–	19	...	20
Physicians, dentists, and related practitioners	1 432	96	60	–	125	555	166	161	269	44.3	–
Registered nurses, dietitians, and therapists	16 835	717	1 593	739	1 190	10 292	1 525	365	414	37.7	783
Dietitians	984	18	14	19	105	763	65	–	–	39.0	66
Registered nurses	15 049	595	1 517	698	1 010	9 057	1 393	365	414	37.8	717
Therapists	802	104	62	22	75	472	67	–	–	34.3	–
Health technologists and technicians	4 735	119	313	274	905	2 463	492	128	41	37.9	139
Religious workers	592	38	45	23	82	145	103	28	128	43.6	–
Social scientists	361	–	20	23	60	202	38	18	–	...	–
Social and recreation workers	4 467	367	220	236	867	2 388	178	154	57	36.3	143
Teachers	28 548	3 235	4 055	3 252	3 828	11 312	1 754	557	555	33.4	2 166
College and university	2 472	857	562	193	100	522	161	20	57	25.0	167
Elementary and prekindergarten	17 547	1 258	2 477	1 888	2 713	7 461	1 104	302	344	34.7	1 342
Secondary	6 559	473	679	1 003	935	2 792	418	170	89	35.0	552
Other teachers	1 970	647	337	168	80	537	71	65	65	27.0	105
Engineering and science technicians	2 170	97	61	58	202	1 438	214	56	44	39.0	68
Technicians, except health, and engineering and science	311	–	19	17	39	178	24	–	34	...	15
Writers, artists, and entertainers	4 667	602	406	496	586	2 034	276	96	171	34.6	189
Actors and dancers	396	83	79	19	47	83	21	20	44	...	–
Authors, editors, and reporters	525	18	68	43	79	232	44	–	41	38.0	22
Designers	850	19	73	64	191	446	36	–	21	37.1	54
Other professional, technical, and kindred workers	7 812	437	629	829	877	4 281	398	85	276	36.9	597
Managers and administrators, except farm	**20 620**	**835**	**958**	**892**	**2 322**	**8 925**	**3 005**	**1 187**	**2 496**	**42.2**	**855**
Buyers, purchasing agents, and sales managers	2 470	76	131	96	297	1 169	465	44	192	40.8	134
Restaurant, cafeteria, and bar managers	2 366	98	135	38	179	617	329	294	676	47.9	156
School administrators	528	116	40	41	43	154	65	33	36	34.1	40
Other specified managers and administrators	6 969	247	260	394	905	3 858	828	207	270	39.4	275
Managers and administrators, n.e.c., salaried	5 370	154	240	165	777	2 616	727	269	422	41.2	163
Manufacturing	508	24	61	–	46	262	115	–	–	37.2	18
Wholesale and retail trade	1 958	17	82	60	210	945	326	176	142	42.5	24

[1]Includes transportation, communications, and other public utilities—allocated. [2]Includes allocated cases not shown separately.

Table 47. Employed Persons of Spanish Origin by Hours Worked, Occupation, and Sex: 1970—Continued

[Total employed Persons of Spanish origin shown in table 42. Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

United States

	At work										With a job, but not at work
	Total	1 to 14 hours	15 to 29 hours	30 to 34 hours	35 to 39 hours	40 hours	41 to 48 hours	49 to 59 hours	60 hours or more	Average (mean) hours	
Female, 16 years old and over—Continued											
Managers and administrators, except farm—Con.											
Managers and administrators, n.e.c., salaried—Continued											
Finance, insurance, and real estate	452	18	37	25	135	218	–	–	19	36.8	–
All other industries	2 452	95	60	80	386	1 191	286	93	261	41.7	121
Managers and administrators, n.e.c., self-employed	2 917	144	152	158	121	511	591	340	900	48.5	87
Wholesale and retail trade	2 084	69	134	143	58	413	496	204	567	47.6	72
Personal services	267	–	–	15	19	20	37	62	114	...	–
All other industries	566	75	18	–	44	78	58	74	219	48.4	15
Sales workers	**52 645**	**7 113**	**10 077**	**4 467**	**5 872**	**19 180**	**3 718**	**1 275**	**943**	**32.2**	**2 130**
Demonstrators, hucksters, and peddlers	2 981	1 539	716	154	83	314	100	34	41	19.1	214
Insurance, real estate agents, and brokers	1 487	156	238	76	264	529	122	42	60	34.5	98
Sales clerks, retail trade	38 653	4 297	7 976	3 287	4 969	13 877	2 599	936	712	32.6	1 128
Salesmen, retail trade	1 310	130	163	39	93	458	230	162	35	37.4	32
Other sales workers	8 214	991	984	911	463	4 002	667	101	95	33.7	658
Clerical and kindred workers	**280 174**	**16 596**	**26 306**	**18 217**	**43 872**	**152 004**	**16 866**	**3 746**	**2 567**	**36.0**	**10 180**
Bank tellers	5 610	151	408	447	1 116	3 101	387	–	–	36.7	119
Billing clerks	2 136	105	140	27	304	1 358	180	–	22	37.3	83
Bookkeepers	27 068	858	1 730	1 350	4 289	15 275	2 433	614	519	38.1	718
Cashiers	22 611	2 177	4 917	2 016	2 198	8 837	1 673	487	306	32.8	650
Counter clerks, except food	4 050	220	568	244	473	1 992	421	72	60	35.9	128
Enumerators and interviewers	1 114	151	287	124	76	291	81	41	63	32.2	–
File clerks	12 428	944	1 334	488	2 106	6 813	514	101	128	35.2	526
Library attendants and assistants	1 714	542	412	29	122	609	–	–	–	24.9	74
Mail handlers and postal clerks	4 060	510	498	298	501	1 864	337	52	–	33.2	193
Office machine operators	17 170	504	712	888	3 656	9 878	1 143	267	122	37.8	532
Bookkeeping and billing machine operators	1 917	83	41	166	428	1 059	119	21	–	37.1	55
Keypunch operators	11 962	324	583	515	2 613	6 728	893	197	109	37.9	317
Payroll and timekeeping clerks	2 429	100	87	97	444	1 489	170	21	21	37.7	66
Receptionists	8 168	607	954	371	1 125	4 633	368	64	46	35.0	266
Secretaries	60 842	3 088	4 321	3 486	11 411	34 065	3 430	653	388	36.5	1 682
Stenographers	2 932	100	184	104	460	1 918	113	53	–	37.3	46
Stock clerks and storekeepers	3 407	96	213	202	480	2 071	282	18	45	37.8	158
Telephone operators	9 796	451	744	423	787	6 358	815	160	58	37.3	313
Typists	33 405	2 122	3 010	1 607	6 043	18 884	1 261	276	202	35.7	1 189
Other clerical and kindred workers	61 234	3 870	5 787	6 016	8 281	32 568	3 258	867	587	35.6	3 437
Craftsmen and kindred workers	**21 987**	**739**	**1 049**	**1 338**	**2 360**	**13 264**	**2 573**	**356**	**308**	**38.4**	**840**
Decorators and window dressers	911	107	74	44	63	468	99	21	35	36.1	24
Foremen, n.e.c.	5 199	25	221	264	505	3 319	722	117	26	39.5	291
Operatives, except transport	**262 795**	**8 155**	**16 995**	**23 740**	**30 231**	**162 145**	**16 862**	**3 388**	**1 279**	**37.3**	**13 799**
Assemblers	29 919	492	1 204	2 299	1 400	22 551	1 586	318	69	38.4	1 585
Bottling and canning operatives	1 485	64	330	226	90	650	90	19	16	33.8	135
Checkers, examiners, and inspectors; manufacturing	12 315	188	810	1 013	887	7 715	1 362	255	85	38.4	686
Dressmakers and seamstresses, except factory	5 375	501	448	446	647	2 637	476	202	18	35.4	106
Laundry and drycleaning operatives, including ironers	17 604	671	1 473	2 155	2 436	9 376	1 122	164	207	36.5	764
Graders and sorters, manufacturing	2 029	197	147	181	166	1 175	144	–	19	35.2	83
Packers and wrappers, except produce	26 729	1 158	1 992	2 227	2 214	16 954	1 807	267	110	36.9	1 370
Sewers and stitchers	77 817	1 876	5 259	7 005	13 703	44 996	4 001	749	228	37.0	3 855
Textile operatives	4 939	102	244	553	830	2 567	537	106	–	37.8	208
Other specified operatives	38 676	1 555	2 468	4 146	2 636	24 184	2 775	606	306	37.2	2 643
Miscellaneous and not specified operatives	45 907	1 351	2 620	3 489	5 222	29 340	2 962	702	221	37.6	2 364
Manufacturing	40 453	1 080	1 923	2 992	4 699	26 446	2 619	517	177	37.9	2 218
Durable goods	17 898	180	535	1 107	1 262	13 269	1 159	253	133	39.1	851
Metal industries	2 090	21	82	148	158	1 483	138	39	21	39.0	98
Machinery, including electrical	6 361	102	61	285	266	4 958	504	148	37	39.7	506
Nondurable goods	22 555	900	1 388	1 885	3 437	13 177	1 460	264	44	36.9	1 367
Food and kindred products	4 157	311	576	349	390	2 007	378	122	24	35.0	241
Apparel and other fabricated textile products	6 591	247	439	500	1 502	3 619	214	70	–	36.3	369
Leather and leather products	2 311	65	114	194	493	1 356	89	–	–	36.9	37
Nonmanufacturing industries	5 454	271	697	497	523	2 894	343	185	44	35.9	146
Transport equipment operatives	**3 037**	**356**	**678**	**184**	**136**	**1 149**	**283**	**102**	**149**	**33.8**	**213**
Bus drivers	1 143	208	518	94	100	146	23	33	21	25.6	55
Laborers, except farm	**13 376**	**779**	**1 372**	**1 022**	**863**	**7 587**	**1 200**	**336**	**217**	**36.7**	**583**
Farmers and farm managers	**968**	**42**	**251**	**44**	**22**	**338**	**77**	**18**	**176**	**39.2**	**–**
Farm laborers and farm foremen	**18 780**	**2 839**	**3 233**	**2 545**	**1 393**	**5 330**	**1 729**	**974**	**737**	**33.0**	**802**
Paid farm laborers and farm foremen	17 910	2 839	3 020	2 408	1 393	5 114	1 583	877	676	32.7	802
Farm laborers, unpaid family workers	870	–	213	137	–	216	146	97	61	38.6	–
Service workers, except private household[3]	**177 881**	**16 415**	**25 061**	**16 405**	**14 921**	**80 316**	**16 115**	**4 992**	**3 656**	**34.8**	**8 439**
Cleaning service workers	32 817	3 682	4 542	3 154	3 204	14 170	2 960	805	300	33.8	1 453
Chambermaids and maids	12 159	1 161	1 732	1 063	1 256	4 778	1 707	378	84	34.6	693
Food service workers	60 940	6 495	10 691	5 939	5 677	21 119	6 918	2 297	1 804	34.1	2 805
Cooks, except private household	16 226	873	2 262	1 845	1 611	5 765	2 140	732	998	37.5	603
Waiters and food counter workers	28 683	3 689	5 823	2 827	2 594	8 929	3 184	1 133	504	32.6	1 441
Health service workers	38 058	1 807	3 584	1 754	2 710	25 076	2 014	562	551	37.0	1 480
Nursing aides, orderlies, and attendants	22 622	1 104	1 799	970	1 663	15 601	959	217	309	37.1	1 035
Practical nurses	8 126	209	708	410	408	5 474	498	215	204	38.4	311
Personal service workers	31 634	3 439	4 977	2 998	2 641	11 963	3 700	1 175	741	34.3	1 353
Hairdressers and cosmetologists	20 137	1 309	3 272	2 066	1 589	7 979	2 855	783	284	35.5	638
Housekeepers, except private household	2 399	193	215	148	261	1 111	153	188	130	37.8	62
Private household workers	**45 586**	**9 315**	**7 788**	**4 087**	**3 128**	**14 541**	**3 928**	**1 236**	**1 563**	**31.1**	**1 216**
Private household workers—living in	9 318	349	378	521	845	4 504	1 642	491	588	40.8	133
Private household workers—living out	36 268	8 966	7 410	3 566	2 283	10 037	2 286	745	975	28.6	1 083

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

Table 48. Occupation of Wife by Occupation of Husband for Married Couples, 16 Years Old and Over: 1970

(Data based on 5-percent sample, see text. For meaning of symbols, see text)

United States

	Wife not employed	Wife employed													
			Professional, technical, and kindred workers			Managers and administrators, except farm	Sales workers	Clerical and kindred workers			Operatives, including transport	Other blue-collar workers	Farm workers	Service workers, except private household		Private household workers
		Total	Total	Health professionals	Teachers			Total	Bookkeepers	Secretaries, stenographers, and typists				Total	Health service workers	
Husband not employed	**6 178 629**	**1 910 086**	**297 997**	**79 716**	**139 484**	**75 249**	**144 975**	**518 291**	**65 744**	**170 405**	**321 350**	**60 352**	**14 878**	**380 044**	**82 126**	**96 950**
Husband employed	**21 595 145**	**14 854 042**	**2 446 729**	**617 924**	**1 184 621**	**555 742**	**1 136 290**	**5 271 242**	**778 647**	**1 904 708**	**2 353 138**	**388 606**	**128 076**	**2 224 240**	**483 584**	**349 979**
Professional, technical, and kindred workers	**3 310 002**	**2 167 092**	**873 359**	**173 260**	**489 540**	**73 002**	**132 975**	**798 294**	**97 180**	**367 834**	**93 759**	**24 564**	**3 236**	**152 945**	**42 092**	**14 958**
Accountants	256 730	178 293	51 979	11 339	25 254	6 819	11 337	87 892	14 371	40 226	6 343	1 571	159	11 302	2 743	891
Architects	29 397	15 743	6 575	993	2 825	1 041	821	5 682	699	3 089	293	213	–	1 010	173	108
Computer specialists	103 217	60 133	19 981	4 688	8 275	1 551	3 772	28 667	3 212	12 983	1 678	554	65	3 632	810	233
Engineers	710 979	351 264	118 074	29 425	58 817	11 723	27 290	146 322	16 911	70 256	16 375	4 274	462	25 132	6 158	1 612
Aeronautical and astronautical	40 502	17 246	5 852	1 474	2 846	588	1 311	7 265	741	3 981	512	302	23	1 327	425	66
Civil	101 215	50 323	16 533	4 148	8 035	2 006	3 279	21 460	2 799	9 993	2 241	557	71	3 766	1 027	410
Electrical and electronic	164 606	76 723	26 936	7 039	13 001	2 455	6 105	30 762	3 297	14 343	3 378	692	178	5 714	1 318	503
Mechanical	108 486	49 575	16 375	4 322	7 931	1 504	3 831	21 073	2 656	10 358	2 422	486	38	3 705	871	141
Other engineers	296 170	157 397	52 378	12 442	27 004	5 170	12 764	65 762	7 418	31 581	7 822	2 237	152	10 620	2 517	492
Lawyers and judges	164 697	63 361	33 135	4 741	18 058	3 489	3 457	20 448	2 216	12 246	465	634	88	1 527	397	118
Life and physical scientists	95 763	54 842	25 619	5 316	13 147	1 666	3 056	17 926	1 925	8 596	1 806	548	165	3 595	1 019	461
Chemists	50 309	30 812	13 453	2 938	6 906	1 035	1 798	10 663	1 333	5 038	1 340	326	39	1 932	506	226
Physicians, dentists, and related practitioners	324 764	112 889	55 402	23 746	20 861	4 859	8 462	34 992	8 060	13 155	1 229	827	324	6 625	4 545	169
Dentists	62 438	18 572	8 902	2 647	4 509	626	816	4 931	1 178	1 579	135	173	30	2 940	2 698	19
Pharmacists	52 940	29 725	10 697	4 369	4 689	1 165	5 200	11 021	3 662	3 289	224	143	44	1 200	436	31
Physicians, medical and osteopathic	178 354	47 650	29 945	14 937	8 705	2 099	1 665	11 392	1 865	5 303	471	201	190	1 632	969	55
Other related practitioners	31 032	16 942	5 858	1 793	2 958	969	781	7 648	1 355	2 984	399	310	60	853	442	64
Registered nurses, dietitians, and therapists	15 753	18 769	8 856	5 332	2 488	533	495	5 028	499	1 994	1 040	291	63	2 192	1 130	271
Health technologists and technicians	25 525	29 654	12 110	7 162	3 314	896	1 349	10 203	914	5 147	1 263	395	–	3 015	1 622	423
Religious workers	112 186	66 431	33 870	4 499	21 567	1 460	3 656	17 543	1 475	9 533	3 040	405	24	4 833	1 426	1 600
Social scientists	48 515	26 304	13 538	2 189	7 147	1 202	1 519	8 162	615	3 937	338	182	38	1 233	406	92
Social and recreation workers	34 921	40 161	17 874	3 319	8 556	1 585	1 810	13 540	1 603	6 511	1 815	425	24	2 769	721	319
Teachers	433 175	448 973	278 539	30 472	209 102	11 437	14 941	108 074	11 050	53 156	8 647	3 037	445	21 017	6 531	2 836
College and university	153 953	117 941	80 067	8 604	52 930	3 480	3 299	24 594	1 755	12 970	1 129	578	124	4 137	1 064	533
Elementary and prekindergarten	71 957	93 667	57 438	5 288	46 577	2 128	3 552	21 912	2 087	10 438	1 974	730	128	4 953	1 484	852
Secondary	180 314	213 117	132 203	14 546	104 555	4 757	6 562	53 098	6 080	26 048	4 061	1 428	174	9 606	3 199	1 228
Other teachers	26 951	24 248	8 831	2 034	5 040	1 072	1 528	8 470	1 128	3 700	1 483	301	19	2 321	784	223
Engineering and science technicians	323 933	239 135	45 160	13 690	19 334	6 547	17 456	113 764	13 470	50 139	22 362	4 421	545	26 714	6 723	2 166
Draftsmen and surveyors	140 958	102 727	17 653	5 580	7 292	2 908	7 518	52 103	5 899	23 907	8 600	1 727	223	11 148	2 706	847
Electrical and electronic engineering technicians	70 938	47 187	9 083	3 217	3 933	1 265	3 670	22 000	2 619	9 377	4 630	1 071	–	5 170	1 342	298
Technicians, except health, and engineering and science	78 509	39 152	9 445	2 649	4 634	1 770	3 038	17 754	2 566	7 628	2 114	476	68	4 170	963	317
Airplane pilots	33 898	10 420	3 254	952	1 859	547	760	4 521	587	2 321	273	86	–	961	185	18
Writers, artists, and entertainers	216 981	163 499	54 463	9 310	22 191	7 334	12 021	66 813	7 995	31 385	7 626	2 295	217	11 769	2 628	961
Authors, editors, and reporters	44 424	34 199	14 409	2 189	5 851	1 629	2 547	12 500	1 633	6 000	893	424	–	1 672	511	125
Designers	40 023	26 284	7 325	1 904	2 906	1 194	1 905	11 330	1 400	5 427	2 039	334	20	2 059	547	78
Other professional, technical, and kindred workers	334 957	258 489	88 739	14 390	43 970	9 090	18 495	95 484	9 599	37 853	17 325	4 016	549	22 410	4 097	2 381
Managers and administrators, except farm	**2 841 641**	**1 863 251**	**384 371**	**81 981**	**202 464**	**171 089**	**173 413**	**794 258**	**169 001**	**299 631**	**116 975**	**34 183**	**3 195**	**174 980**	**31 823**	**10 787**
Buyers, purchasing agents, and sales managers	382 515	234 164	47 634	12 317	23 043	14 292	25 847	109 828	18 513	45 543	12 915	3 545	354	18 632	4 329	1 117
School administrators	69 990	72 110	44 831	3 621	35 457	3 252	2 183	17 183	2 079	8 480	1 211	499	57	2 737	656	157
Specified managers and administrators, public administration	163 086	131 093	32 299	7 452	16 465	8 586	9 927	56 666	7 925	22 824	7 785	1 981	301	12 577	2 862	971
Other specified managers and administrators	512 054	375 055	75 407	18 361	34 669	37 265	26 518	151 157	24 830	56 228	19 974	5 100	564	56 733	6 599	2 337
Managers and administrators, n.e.c., salaried	1 322 958	752 193	146 250	32 785	72 904	57 652	71 142	344 094	71 761	137 259	51 328	14 046	1 242	61 961	13 294	4 478
Manufacturing	388 043	180 491	41 322	9 359	20 093	11 255	16 224	80 890	14 672	36 333	13 741	3 928	391	12 137	2 686	603
Transportation, communications, and other public utilities	119 990	68 371	12 856	3 037	5 971	4 507	5 864	33 722	5 386	13 640	4 146	803	177	5 809	987	487
Wholesale and retail trade	414 086	280 360	41 694	10 443	20 484	23 873	32 318	129 907	32 348	44 101	20 426	5 740	290	24 458	5 785	1 654
Finance, insurance, and real estate	78 456	38 765	10 445	2 485	5 474	2 882	3 504	17 850	2 529	8 388	1 455	350	38	1 896	419	345
All other industries	322 383	184 206	39 933	7 461	20 882	15 135	13 232	81 725	16 826	34 797	11 560	3 225	346	17 661	3 417	1 389
Managers and administrators, n.e.c., self-employed	391 038	298 636	37 950	7 445	19 926	50 042	37 796	115 330	43 893	29 297	23 762	9 012	677	22 340	4 083	1 727
Construction	84 906	41 859	6 640	1 303	3 668	2 752	3 498	17 568	5 403	6 165	4 908	1 110	219	4 692	872	472
Manufacturing	34 410	20 552	3 008	507	1 605	2 770	1 226	9 185	3 346	3 064	2 386	532	84	1 323	186	38
Wholesale trade	28 993	18 009	2 461	635	1 146	2 301	1 594	9 002	4 047	2 395	1 024	239	62	1 147	185	179
Retail trade	159 680	154 030	16 862	3 798	8 865	27 493	28 250	54 782	22 682	10 370	10 318	5 750	191	9 669	2 076	715
All other industries	83 049	64 186	8 979	1 202	4 642	14 726	3 228	24 793	8 415	7 303	5 126	1 381	121	5 509	764	323

Table 48. Occupation of Wife by Occupation of Husband for Married Couples, 16 Years Old and Over: 1970—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Wife not employed	Wife employed													
			Professional, technical, and kindred workers			Managers and administrators, except farm	Sales workers	Clerical and kindred workers			Operatives, including transport	Other blue-collar workers	Farm workers	Service workers, except private household		
		Total	Total	Health professionals	Teachers			Total	Bookkeepers	Secretaries, stenographers, and typists				Total	Health service workers	Private household workers
Husband employed—Continued																
Sales workers	1 473 770	1 096 678	210 356	52 803	103 164	48 619	147 719	489 186	83 706	205 977	74 043	18 047	1 422	99 323	22 220	7 963
Insurance agents, brokers, and underwriters	204 496	154 992	34 879	8 834	17 716	6 297	15 906	71 929	9 984	34 210	10 146	2 256	238	12 373	3 290	968
Real estate agents and brokers	93 259	61 693	13 532	3 112	6 832	3 893	11 889	25 687	3 882	12 418	1 631	786	76	3 927	809	272
Sales representatives, manufacturing industries	212 581	122 237	29 358	7 140	15 233	5 581	13 415	55 928	8 590	26 149	6 435	1 794	99	9 028	2 159	599
Sales representatives, wholesale trade	304 648	217 360	42 630	11 163	21 068	9 630	23 353	106 043	18 353	44 717	12 454	3 832	171	18 299	3 834	948
Sales clerks, retail trade	262 578	239 012	32 961	8 902	16 509	10 091	47 289	97 529	19 695	36 574	20 249	4 130	318	23 949	5 087	2 496
Salesmen, retail trade	177 873	149 908	22 885	6 643	10 534	6 390	19 784	67 299	14 530	25 789	12 950	2 729	90	16 356	4 090	1 425
Salesmen of services and construction	69 159	53 021	10 996	2 648	5 368	2 581	4 554	26 073	3 935	11 942	2 789	901	86	4 810	1 331	231
Other sales workers	149 176	98 455	23 115	4 361	9 904	4 156	11 529	38 698	4 737	14 178	7 389	1 619	344	10 581	1 620	1 024
Clerical and kindred workers	1 306 970	1 187 317	178 584	51 912	77 810	39 659	89 276	540 020	65 519	195 622	147 553	26 836	2 033	148 466	35 292	14 890
Bank tellers and cashiers	38 234	35 369	4 626	1 220	2 195	1 225	3 150	16 729	1 899	5 613	3 831	852	58	4 410	1 167	488
Bookkeepers and billing clerks	115 430	98 617	16 219	4 489	7 885	4 246	7 286	48 308	8 457	18 808	8 331	1 852	169	11 435	2 678	771
Mail handlers and postal clerks	188 667	203 889	30 522	9 158	14 304	6 981	16 128	92 952	11 012	30 755	21 490	4 245	200	29 067	7 223	2 304
Shipping and receiving clerks	128 398	125 043	10 898	4 007	4 021	2 518	8 234	45 604	5 618	14 595	30 767	4 391	387	19 590	4 665	2 654
Stock clerks and storekeepers	115 432	113 385	12 501	4 247	4 803	3 545	8 919	45 311	5 264	15 209	20 978	2 895	236	16 724	4 816	2 276
Other clerical and kindred workers	720 809	611 014	103 818	28 791	44 602	21 144	45 559	291 116	33 269	110 642	62 156	12 601	983	67 240	14 743	6 397
Craftsmen and kindred workers	5 076 832	3 345 245	343 983	114 098	128 544	99 408	264 754	1 208 034	175 715	405 310	673 134	113 425	12 397	560 649	118 800	69 461
Apparel craftsmen and upholsterers	44 524	37 754	2 526	602	930	625	2 166	10 305	2 109	3 183	14 016	3 329	42	4 359	889	386
Bakers	32 968	26 557	1 507	489	439	550	4 562	6 544	935	1 629	5 773	2 365	84	4 774	841	398
Cabinetmakers	29 726	22 016	1 842	504	759	560	1 767	6 675	1 018	1 852	6 213	979	–	3 435	740	545
Construction craftsmen	1 473 588	854 296	80 661	29 157	31 603	24 496	64 580	280 677	42 603	93 893	180 231	27 421	4 296	166 600	35 531	25 334
Carpenters	443 802	260 417	23 649	8 492	10 001	7 657	20 094	76 862	11 523	25 244	60 892	9 139	1 543	52 062	11 254	8 519
Excavating, grading, and road machine operators	167 836	100 169	8 032	2 918	3 306	3 060	6 842	25 606	4 349	7 515	23 901	3 834	1 099	24 153	5 221	3 642
Electricians	258 466	146 636	17 707	6 898	6 313	4 237	11 395	63 093	9 577	23 371	22 568	3 906	366	21 827	4 755	1 537
Masons and tile setters	100 734	60 921	5 258	1 724	2 181	1 638	4 352	18 955	2 749	6 489	14 683	1 719	266	12 030	2 612	2 020
Painters, construction and maintenance, and paperhangers	157 675	98 677	8 782	3 481	3 068	2 777	7 659	29 639	3 967	9 110	21 691	3 617	281	20 752	4 413	3 479
Plasterers and cement finishers	49 763	30 198	2 327	681	1 012	554	1 964	6 970	798	1 890	7 127	911	265	7 523	1 571	2 557
Plumbers and pipe fitters	213 588	115 562	11 647	3 933	4 671	3 492	9 130	45 175	7 534	15 158	20 378	3 029	325	19 821	4 041	2 565
Other construction craftsmen	81 724	41 716	3 259	1 030	1 051	1 081	3 144	14 377	2 106	5 116	8 991	1 266	151	8 432	1 664	1 015
Cranemen, derrickmen, and hoistmen	85 173	45 575	3 428	1 412	1 219	1 021	3 571	12 963	1 421	4 155	11 070	1 510	159	10 626	2 340	1 227
Foremen, n.e.c.	783 078	535 574	66 698	20 763	28 869	18 964	45 290	202 729	30 363	71 092	104 105	17 095	1 493	72 898	15 474	6 302
Durable goods manufacturing	297 091	194 731	23 829	7 889	10 334	6 049	17 146	72 055	9 798	26 311	40 802	6 883	456	25 681	5 166	1 830
Nondurable goods, including not specified manufacturing	156 175	123 263	14 594	3 962	6 410	3 823	8 834	42 974	6 540	14 741	33 678	3 776	287	14 264	3 281	1 033
Nonmanufacturing industries	329 812	217 580	28 275	8 912	12 125	9 092	19 310	87 700	14 025	30 040	29 625	6 436	750	32 953	7 027	3 439
Linemen and servicemen, telephone and power	188 844	127 534	15 477	5 742	5 820	3 708	9 293	65 700	7 547	24 817	12 716	2 611	357	16 518	3 832	1 154
Locomotive engineers and firemen	36 973	18 709	2 502	841	1 006	824	1 853	7 122	1 155	2 414	2 088	416	111	3 575	711	218
Mechanics and repairmen	1 184 793	814 507	74 914	26 427	28 054	22 692	60 727	299 987	47 899	100 265	172 292	25 437	2 640	138 167	30 438	17 651
Air conditioning, heating, and refrigeration	61 095	40 181	4 285	1 369	1 958	1 274	2 969	17 349	2 817	6 111	6 700	971	–	5 956	1 067	677
Aircraft	72 172	49 479	5 911	1 967	2 358	1 588	4 041	22 540	2 755	7 869	6 490	1 683	78	6 472	1 579	676
Automobile, including body	446 904	287 884	24 013	8 671	8 606	7 701	20 529	100 722	18 238	32 010	59 673	8 969	1 118	56 338	13 101	8 821
Radio and television	61 338	43 478	5 256	1 979	2 076	1 335	3 859	19 206	3 953	7 112	6 034	1 183	86	6 003	1 143	516
Other mechanics and repairmen	543 284	393 485	35 449	12 441	13 056	10 794	29 329	140 170	20 136	47 163	93 395	12 631	1 358	63 398	13 548	6 961
Metal craftsmen, except mechanics	554 249	361 278	33 241	11 483	11 692	9 778	27 671	127 022	16 018	43 905	83 955	12 899	1 271	60 124	13 903	5 317
Machinists and job and die setters	223 074	159 816	13 922	5 113	4 922	4 389	11 372	55 087	7 035	18 975	41 007	5 815	604	25 260	6 125	2 360
Sheetmetal workers and tinsmiths	79 042	49 672	4 727	1 662	1 322	1 308	3 820	19 487	2 290	6 842	9 650	1 661	225	8 133	1 794	661
Tool and die makers	106 764	66 052	6 665	2 197	2 314	1 531	5 609	25 833	3 647	9 238	13 011	2 221	66	10 321	2 503	795
Other metal craftsmen	145 369	85 738	7 927	2 511	3 134	2 550	6 870	26 615	3 046	8 850	20 287	3 202	376	16 410	3 481	1 501
Printing craftsmen	147 930	113 938	12 295	4 494	4 390	2 944	9 424	52 309	7 959	19 946	15 966	5 113	40	14 933	3 443	914
Compositors and typesetters	57 674	47 234	5 494	1 949	2 084	1 166	4 025	21 249	3 258	8 175	6 144	2 187	–	6 483	1 351	486
Pressmen and plate printers, printing	65 799	49 725	4 588	1 674	1 601	1 308	4 037	23 398	3 570	8 517	7 765	1 964	40	6 255	1 560	370
Stationary engineers and power station operators	101 524	65 998	9 158	3 263	3 505	2 655	5 468	24 661	3 693	8 163	9 169	1 710	305	11 819	2 736	1 053
Other craftsmen and kindred workers	413 462	321 509	39 734	8 921	10 258	10 591	28 382	111 340	12 995	29 996	55 540	12 540	1 599	52 821	7 922	8 962

Table 48. Occupation of Wife by Occupation of Husband for Married Couples, 16 Years Old and Over: 1970—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

Husband employed—Continued	Wife not employed	Wife employed													
		Total	Professional, technical, and kindred workers			Managers and administrators, except farm	Sales workers	Clerical and kindred workers			Operatives, including transport	Other blue-collar workers	Farm workers	Service workers, except private household		Private household workers
			Total	Health professionals	Teachers			Total	Bookkeepers	Secretaries, stenographers, and typists				Total	Health service workers	
Operatives, except transport	**2 780 708**	**1 991 499**	**148 028**	**49 262**	**52 892**	**42 630**	**130 799**	**557 658**	**70 440**	**165 319**	**615 359**	**71 007**	**9 337**	**359 468**	**82 539**	**57 213**
Assemblers	199 928	155 112	9 910	3 489	3 570	3 079	10 092	46 971	5 420	14 945	49 221	5 456	506	26 734	6 972	3 143
Checkers, examiners, and inspectors; manufacturing	161 842	133 026	13 623	4 364	5 560	3 224	9 992	44 693	5 559	15 496	35 646	4 237	391	19 504	4 683	1 716
Garage workers and gas station attendants	100 848	65 624	5 002	1 789	1 959	1 383	4 437	20 521	3 284	6 093	12 749	1 861	174	16 376	3 879	3 121
Laundry and drycleaning operatives, *including* ironers	34 977	40 255	2 535	821	1 096	1 064	2 006	9 465	1 707	2 077	16 132	1 346	90	5 643	1 038	1 974
Meat cutters and butchers	113 127	86 801	6 822	2 458	2 936	2 163	8 597	32 054	4 785	9 021	18 057	3 165	251	13 698	3 255	1 994
Metalworking operatives, except precision machine	420 241	263 604	18 959	6 867	6 695	5 595	17 761	75 159	10 119	22 556	77 416	9 528	1 096	51 969	13 237	6 121
Filers, polishes, sanders, and buffers	40 574	30 252	1 648	472	678	501	1 722	6 980	823	1 882	11 292	1 446	166	5 682	1 866	815
Mine operatives, n.e.c	94 057	33 946	3 712	1 103	1 785	1 006	2 693	8 869	1 559	2 438	6 266	1 030	335	8 590	1 944	1 445
Packers and wrappers, except produce	68 894	54 778	3 243	1 451	906	878	2 702	13 306	1 735	3 621	20 002	2 233	429	9 916	2 374	2 069
Painters, manufactured articles	45 736	31 479	1 600	546	560	611	1 705	8 221	1 118	2 294	10 748	1 388	175	6 053	1 583	978
Precision machine operatives	180 337	126 957	9 039	3 458	3 161	2 544	9 522	38 971	5 076	11 696	38 343	4 965	455	21 536	4 912	1 582
Sawyers	45 150	25 451	1 311	445	390	375	1 287	3 721	557	990	9 944	975	445	5 056	1 128	2 337
Stationary firemen	47 479	29 917	2 865	1 214	908	783	2 443	7 556	852	2 330	7 045	963	179	7 005	1 533	1 078
Textile operatives	66 016	79 281	2 851	885	943	982	2 371	9 648	1 251	2 587	50 779	3 482	207	7 457	1 411	1 504
Other specified operatives	396 610	295 088	24 245	5 670	6 376	6 824	19 242	80 579	8 602	20 216	86 703	10 323	1 501	55 421	9 034	10 250
Miscellaneous and not specified operatives	805 466	570 180	42 311	14 702	16 047	12 119	35 949	157 924	18 816	48 959	176 308	20 055	3 103	104 510	25 556	17 901
Occupation:																
Machine operatives, miscellaneous specified	339 705	240 968	17 130	5 961	6 748	5 296	14 430	63 898	8 512	19 072	77 229	8 662	1 193	45 718	10 931	7 412
Machine operatives, not specified	183 729	131 217	9 762	3 292	3 680	2 577	8 644	36 360	3 886	11 522	42 302	4 618	612	22 702	5 910	3 640
Miscellaneous operatives	185 827	131 635	10 067	3 710	3 488	2 797	8 311	39 510	4 384	12 313	37 059	4 654	807	23 765	5 587	4 665
Not specified operatives	96 205	66 360	5 352	1 739	2 131	1 449	4 564	18 156	2 034	6 052	19 718	2 121	491	12 325	3 128	2 184
Industry:																
Manufacturing	685 243	485 466	35 226	12 179	13 368	9 791	29 934	131 688	15 125	41 435	157 351	17 394	2 493	87 492	21 838	14 097
Durable goods	394 814	283 486	19 587	6 605	7 650	5 280	17 807	75 155	8 568	23 001	93 160	10 369	1 610	51 882	13 285	8 636
Wood products, including furniture	41 548	29 334	1 774	493	767	446	1 046	4 888	794	1 249	11 345	1 547	522	5 486	1 303	2 280
Primary metal industries	81 139	49 601	3 283	1 292	1 223	668	3 696	12 949	1 403	3 768	14 214	2 160	283	10 485	3 154	1 863
Fabricated metal industries	45 357	33 700	2 039	669	692	644	2 082	8 871	1 106	2 678	11 264	1 326	159	6 390	1 284	925
Machinery, including electrical	93 644	74 945	5 722	1 889	2 398	1 256	5 356	21 550	2 346	7 111	24 915	2 291	323	12 327	3 214	1 205
Motor vehicles and equipment	35 186	23 487	1 478	505	632	520	1 445	6 510	606	2 016	7 156	850	59	5 022	1 534	447
Transportation equipment, except motor vehicles	25 919	19 189	1 530	571	561	681	1 236	6 342	680	1 942	4 913	726	104	3 089	645	568
Other durable goods	72 021	53 230	3 761	1 186	1 377	1 065	2 946	14 045	1 633	4 237	19 353	1 469	160	9 083	2 151	1 348
Nondurable goods	285 236	198 973	15 437	5 553	5 651	4 437	11 942	55 992	6 538	18 309	62 981	6 827	883	35 120	8 534	5 354
Food and kindred products	59 542	42 994	2 783	873	1 069	867	2 509	9 734	1 227	2 815	14 582	1 820	342	8 275	1 759	2 082
Apparel and other fabricated textile products	6 421	8 503	203	39	121	97	332	1 728	291	482	4 782	551	44	659	180	107
Paper and allied products	67 602	39 830	2 907	1 128	965	779	2 597	10 684	1 302	3 399	12 540	1 234	170	7 996	1 638	923
Chemicals and allied products	64 099	39 593	4 363	1 624	1 711	1 075	2 380	13 663	1 574	4 702	9 287	871	123	6 900	1 774	931
Other nondurable goods	87 572	68 053	5 181	1 889	1 785	1 619	4 124	20 183	2 144	6 911	21 790	2 351	204	11 290	3 183	1 311
Not specified manufacturing industries	5 193	3 007	202	21	67	74	185	541	19	125	1 210	198	–	490	19	107
Nonmanufacturing industries	120 223	84 714	7 085	2 523	2 679	2 328	6 015	26 236	3 691	7 524	18 957	2 661	610	17 018	3 718	3 804
Transportation, communications, and other public utilities	28 474	20 364	2 107	731	778	515	1 503	7 795	876	2 429	3 069	514	81	4 213	733	567
Wholesale and retail trade	38 559	26 834	1 750	627	642	786	1 864	6 773	1 084	1 628	8 109	978	186	5 069	1 296	1 319
All other industries	53 190	37 516	3 228	1 165	1 259	1 027	2 648	11 668	1 731	3 467	7 779	1 169	343	7 736	1 689	1 918
Transport equipment operatives	**1 288 859**	**922 046**	**71 990**	**23 313**	**27 016**	**23 814**	**65 088**	**293 131**	**40 949**	**84 212**	**209 059**	**30 685**	**4 694**	**188 013**	**39 842**	**35 572**
Bus drivers	72 978	66 998	8 715	2 620	4 429	1 834	5 310	22 483	2 963	6 856	12 046	1 793	315	12 691	2 804	1 811
Parking attendants	9 395	6 000	305	128	140	80	575	2 238	260	643	1 054	172	19	1 275	284	282
Railroad brakemen and switchmen	50 231	31 659	3 270	1 062	1 326	1 007	2 947	11 976	1 497	3 556	5 256	718	71	6 099	1 377	315
Taxicab drivers and chauffeurs	53 891	47 074	4 159	1 550	1 395	1 179	3 210	16 702	1 882	5 008	8 667	1 168	69	9 604	2 363	2 316
Truck drivers and deliverymen	937 596	641 013	44 778	15 792	16 349	16 914	45 096	203 246	30 897	60 260	148 541	22 704	3 366	131 279	28 051	25 089
Other transport equipment operatives	164 768	129 302	10 763	2 161	3 377	2 800	7 950	36 486	3 450	7 889	33 495	4 130	854	27 065	4 963	5 759

Table 48. Occupation of Wife by Occupation of Husband for Married Couples, 16 Years Old and Over: 1970—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Wife not employed	Wife employed													
			Professional, technical, and kindred workers					Clerical and kindred workers					Service workers, except private household		
		Total	Total	Health professionals	Teachers	Managers and administrators, except farm	Sales workers	Total	Bookkeepers	Secretaries, stenographers, and typists	Operatives, including transport	Other blue-collar workers	Farm workers	Total	Health service workers	Private household workers
Husband employed—Continued																
Laborers, except farm	1 094 347	719 436	51 457	15 609	18 996	13 984	40 645	182 459	19 516	55 329	173 763	28 723	6 134	163 368	34 825	58 903
Construction laborers	244 373	151 597	9 459	3 455	3 800	2 766	7 758	33 898	3 638	10 050	39 481	5 181	1 319	37 777	8 336	13 958
Freight, stock, and material handlers	360 057	257 292	18 064	5 813	7 220	4 814	15 642	81 493	8 268	26 724	60 815	9 688	1 339	51 066	12 136	14 371
Gardeners and groundskeepers, except farm	108 677	70 869	5 099	1 783	1 850	1 511	3 895	15 697	2 416	5 197	12 896	2 803	782	17 405	3 602	10 781
Lumbermen, raftsmen, and woodchoppers	39 915	16 467	1 095	327	622	423	476	2 208	430	633	6 033	589	583	3 325	615	1 735
Other specified laborers	126 633	94 705	9 259	1 541	1 962	2 050	6 259	22 592	2 196	4 348	20 284	3 789	1 038	21 541	2 567	7 893
Miscellaneous and not specified laborers	214 692	128 506	8 481	2 690	3 542	2 420	6 615	26 571	2 568	8 377	34 254	6 673	1 073	32 254	7 569	10 165
Occupation:																
Miscellaneous laborers	84 730	46 725	2 844	999	1 159	855	2 512	9 907	1 074	2 895	12 326	2 289	412	11 781	2 732	3 799
Not specified laborers	129 962	81 781	5 637	1 691	2 383	1 565	4 103	16 664	1 494	5 482	21 928	4 384	661	20 473	4 837	6 366
Industry:																
Manufacturing	116 317	68 925	4 445	1 559	1 819	1 065	3 384	13 695	1 204	4 429	21 419	3 392	581	16 889	4 092	4 055
Durable goods	81 783	46 106	2 941	1 095	1 190	644	2 285	9 037	656	2 883	14 368	2 038	364	11 654	2 898	2 775
Wood products, including furniture	10 675	5 461	280	71	146	108	247	702	96	123	1 707	330	131	1 271	179	685
Metal industries	40 612	20 821	1 288	562	410	291	1 083	4 255	271	1 432	6 683	465	153	5 497	1 372	1 106
Machinery, including electrical	9 536	6 406	503	200	216	100	415	1 178	66	368	2 112	377	18	1 473	366	230
Transportation equipment	9 523	5 474	403	104	201	41	193	1 536	124	437	1 365	403	19	1 304	413	210
Other durable goods	11 437	7 944	467	158	217	104	347	1 366	99	523	2 501	463	43	2 109	568	544
Nondurable goods	33 796	22 403	1 484	464	609	421	1 080	4 522	548	1 479	6 941	1 331	217	5 156	1 194	1 251
Food and kindred products	13 234	8 685	630	201	253	248	317	1 655	225	513	2 760	561	108	1 940	459	466
Not specified manufacturing industries	738	416	20	–	20	–	19	136	–	67	110	23	–	79	–	29
Nonmanufacturing industries	98 375	59 581	4 036	1 131	1 723	1 355	3 231	12 876	1 364	3 948	12 835	3 281	492	15 365	3 477	6 110
Railroads and railway express service	20 955	10 625	550	170	318	220	513	1 653	219	437	2 734	425	38	3 261	569	1 231
Transportation, except railroads	5 212	3 403	258	89	19	22	172	994	75	374	716	192	–	808	316	241
Communications, and utilities and sanitary services	16 366	11 253	727	228	359	185	684	2 862	400	823	2 177	465	22	2 978	578	1 153
Wholesale and retail trade	24 151	14 419	905	227	401	374	791	2 913	382	842	3 323	1 188	207	3 339	790	1 379
All other industries[1]	31 691	19 881	1 596	417	626	554	1 071	4 454	288	1 472	3 885	1 011	225	4 979	1 224	2 106
Farmers and farm managers	827 219	315 428	60 522	11 787	37 565	9 617	17 402	68 630	15 512	19 118	43 772	7 766	57 985	42 784	10 806	6 950
Farm laborers and farm foremen	292 397	138 863	10 023	2 420	4 680	2 074	5 771	21 301	3 306	5 747	25 309	4 087	24 210	27 887	5 991	18 201
Paid farm laborers and farm foremen	284 375	135 951	9 679	2 375	4 472	1 998	5 605	20 764	3 242	5 627	24 777	4 008	23 519	27 556	5 904	18 045
Farm laborers, unpaid family workers	8 022	2 912	344	45	208	76	166	537	64	120	532	79	691	331	87	156
Service workers, except private household[2]	1 296 078	1 100 689	113 418	41 210	41 848	31 728	68 316	317 604	37 764	100 342	179 585	28 954	3 301	305 146	59 191	52 637
Cleaning service workers	441 742	382 981	29 302	10 084	12 002	9 131	20 937	80 611	9 870	22 647	77 528	11 510	1 210	119 601	21 655	33 151
Food service workers	181 420	167 477	11 684	4 304	4 413	5 132	8 458	37 659	4 956	10 322	28 265	4 086	475	66 500	6 030	5 218
Cooks, except private household	77 975	73 574	4 863	1 839	1 784	2 410	3 758	15 191	1 792	3 643	12 786	1 694	177	30 011	3 145	2 684
Busboys and dishwashers	13 341	10 003	534	240	147	81	220	1 567	155	366	2 663	390	79	3 875	496	594
Waiters	23 690	21 802	2 073	644	966	541	1 252	5 679	627	1 628	4 034	756	100	6 588	709	779
Other food service workers	66 414	62 098	4 214	1 581	1 516	2 100	3 228	15 222	2 382	4 685	8 782	1 246	119	26 026	1 680	1 161
Health service workers	30 987	43 131	6 709	4 258	1 506	528	1 179	8 687	931	2 801	4 989	1 069	171	18 731	12 646	1 068
Personal service workers	140 018	116 868	13 603	4 426	5 889	3 359	7 935	36 289	4 869	11 381	17 244	3 217	271	31 390	4 353	3 560
Barbers	76 645	59 932	6 852	2 340	3 060	1 998	4 980	18 916	2 670	6 090	10 257	1 700	71	13 802	2 281	1 356
Protective service workers	429 959	326 044	43 470	16 957	16 498	11 684	25 305	136 846	16 241	50 564	41 103	7 421	648	54 832	13 165	4 735
Firemen, fire protection	94 255	63 646	8 381	3 355	2 972	2 312	5 168	30 045	3 990	11 460	5 951	1 485	64	9 715	2 108	525
Guards and watchmen	136 287	104 026	10 546	4 025	3 772	3 725	8 373	32 923	3 830	10 418	20 456	3 070	266	22 030	5 905	2 637
Policemen and detectives	173 272	137 338	21 755	8 511	8 520	4 649	10 347	65 828	7 258	26 125	11 967	2 499	202	18 927	4 288	1 164
Private household workers	6 322	6 498	638	269	102	118	132	667	39	267	827	329	132	1 211	163	2 444
Private household workers—living in	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Private household workers—living out	6 322	6 498	638	269	102	118	132	667	39	267	827	329	132	1 211	163	2 444

[1] Includes transportation, communications, and other public utilities—allocated. [2] Includes allocated cases not shown separately.

Table 49. Employed Unpaid Family Workers by Occupation, Age, and Sex: 1970

[Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Total, 14 and 15 years	Total, 16 years and over	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 to 69 years	70 years and over
Male employed unpaid family workers	19 255	124 896	25 652	19 468	18 784	6 727	4 900	10 748	12 197	6 921	6 233	5 878	7 388
Professional, technical, and kindred workers	23	2 975	54	99	450	412	146	608	421	250	200	157	178
Accountants	–	62	–	–	–	–	–	–	16	–	15	–	31
Architects	–	21	–	–	–	–	–	21	–	–	–	–	–
Computer specialists	–	19	–	–	–	–	–	–	–	19	–	–	–
Engineers	–	–	–	–	–	–	–	–	–	–	–	–	–
Aeronautical and astronautical	–	–	–	–	–	–	–	–	–	–	–	–	–
Civil	–	–	–	–	–	–	–	–	–	–	–	–	–
Electrical and electronic	–	–	–	–	–	–	–	–	–	–	–	–	–
Mechanical	–	–	–	–	–	–	–	–	–	–	–	–	–
Other engineers	–	–	–	–	–	–	–	–	–	–	–	–	–
Lawyers and judges	–	95	–	–	–	17	23	–	38	–	–	17	–
Life and physical scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Chemists	–	–	–	–	–	–	–	–	–	–	–	–	–
Physicians, dentists, and related practitioners	–	146	–	–	16	–	–	25	49	–	19	20	17
Dentists	–	–	–	–	–	–	–	–	–	–	–	–	–
Pharmacists	–	53	–	–	16	–	–	–	–	–	–	20	17
Physicians, medical and osteopathic	–	64	–	–	–	–	–	25	20	–	19	–	–
Other related practitioners	–	29	–	–	–	–	–	–	29	–	–	–	–
Registered nurses, dietitians, and therapists	–	21	–	–	21	–	–	–	–	–	–	–	–
Health technologists and technicians	–	105	–	19	–	20	–	20	–	22	24	–	–
Religious workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Social scientists	–	20	–	–	–	–	–	–	20	–	–	–	–
Social and recreation workers	–	18	–	–	–	18	–	–	–	–	–	–	–
Teachers	–	148	–	–	25	20	26	39	19	–	19	–	–
College and university	–	–	–	–	–	–	–	–	–	–	–	–	–
Elementary and prekindergarten	–	26	–	–	–	–	26	–	–	–	–	–	–
Secondary	–	–	–	–	–	–	–	–	–	–	–	–	–
Other teachers	–	122	–	–	25	20	–	39	19	–	19	–	–
Engineering and science technicians	23	121	–	–	23	–	18	19	–	–	39	–	22
Draftsmen and surveyors	23	103	–	–	23	–	–	19	–	–	39	–	22
Electrical and electronic engineering technicians	–	–	–	–	–	–	–	–	–	–	–	–	–
Technicians, except health, and engineering and science	–	48	–	–	–	–	–	48	–	–	–	–	–
Airplane pilots	–	48	–	–	–	–	–	48	–	–	–	–	–
Writers, artists, and entertainers	–	1 308	25	80	242	161	–	283	175	101	67	81	93
Authors, editors, and reporters	–	257	–	19	24	40	–	83	52	–	–	39	–
Designers	–	66	–	–	–	30	–	18	18	–	–	–	–
Other professional, technical, and kindred workers	–	843	29	–	123	176	79	153	104	108	17	39	15
Managers and administrators, except farm	123	11 552	106	226	617	612	409	1 596	2 784	1 616	1 254	986	1 346
Buyers, purchasing agents, and sales managers	–	750	–	61	54	77	39	105	94	20	136	61	103
School administrators	–	–	–	–	–	–	–	–	–	–	–	–	–
Specified managers and administrators, public administration	–	–	–	–	–	–	–	–	–	–	–	–	–
Other specified managers and administrators	42	2 684	–	72	123	121	81	455	595	418	287	184	348
Managers and administrators, n.e.c., salaried	–	–	–	–	–	–	–	–	–	–	–	–	–
Manufacturing	–	–	–	–	–	–	–	–	–	–	–	–	–
Transportation, communications, and other public utilities	–	–	–	–	–	–	–	–	–	–	–	–	–
Wholesale and retail trade	–	–	–	–	–	–	–	–	–	–	–	–	–
Finance, insurance, and real estate	–	–	–	–	–	–	–	–	–	–	–	–	–
All other industries	–	–	–	–	–	–	–	–	–	–	–	–	–
Managers and administrators, n.e.c., self-employed	81	8 118	106	93	440	414	289	1 036	2 095	1 178	831	741	895
Construction	–	542	–	30	–	19	–	94	228	61	110	–	–
Manufacturing	–	733	21	22	37	–	–	123	336	92	65	15	22
Wholesale trade	–	291	–	18	26	30	17	44	36	–	–	17	103
Retail trade	63	3 497	40	23	201	182	142	394	754	633	327	375	426
All other industries	18	3 055	45	–	176	183	130	381	741	392	329	334	344
Sales workers	641	7 497	907	995	1 019	220	343	586	909	648	475	707	688
Insurance agents, brokers, and underwriters	–	122	–	–	–	–	–	–	59	25	–	–	38
Real estate agents and brokers	23	356	–	–	–	36	19	20	103	59	55	–	64
Sales representatives, manufacturing industries	–	211	–	23	24	15	–	44	21	26	–	*38*	*20*
Sales representatives, wholesale trade	–	478	68	15	108	–	–	99	42	77	22	–	47
Sales clerks, retail trade	407	4 165	542	697	532	110	103	218	420	317	243	577	406
Salesmen, retail trade	42	840	144	102	204	–	29	44	82	104	24	45	62
Salesmen of services and construction	–	273	29	21	51	11	47	38	–	19	57	–	–
Other sales workers	169	1 052	124	137	100	48	145	123	182	21	74	47	51
Clerical and kindred workers	316	4 494	542	507	698	412	148	264	503	249	367	357	447
Bank tellers and cashiers	158	667	146	80	76	65	–	68	69	45	59	–	59
Bookkeepers and billing clerks	13	886	36	23	123	91	42	20	95	99	101	143	113
Mail handlers and postal clerks	–	43	26	17	–	–	–	–	–	–	–	–	–
Shipping and receiving clerks	–	82	–	–	19	24	–	18	–	21	–	–	–
Stock clerks and storekeepers	51	377	20	66	161	22	20	19	35	18	–	16	–
Other clerical and kindred workers	94	2 439	314	321	319	210	86	139	304	66	207	198	275
Craftsmen and kindred workers	459	11 014	1 148	1 297	1 671	662	501	1 397	1 664	764	546	668	696
Apparel craftsmen and upholsterers	–	101	–	–	37	–	–	–	26	38	–	–	–
Bakers	19	284	18	24	66	22	–	59	22	–	26	–	47
Cabinetmakers	23	66	–	–	–	–	–	–	26	–	–	22	18
Construction craftsmen	112	3 991	258	424	656	152	174	436	880	273	249	261	228
Carpenters	49	2 162	176	101	326	73	73	*210*	*465*	*177*	*137*	240	184
Excavating, grading, and road machine operators	–	392	–	104	50	40	–	55	104	18	21	–	–
Electricians	–	233	21	12	25	–	23	68	62	–	22	–	–
Masons and tile setters	–	90	–	17	30	21	–	–	22	–	–	–	–
Painters, construction and maintenance, and paperhangers	44	600	41	134	40	18	78	57	109	55	24	–	44
Plasterers and cement finishers	–	39	–	–	24	–	–	–	15	–	–	–	–
Plumbers and pipe fitters	–	314	–	28	117	–	–	46	80	–	22	21	–
Other construction craftsmen	19	161	20	28	44	–	–	–	23	23	23	–	–

Table 49. **Employed Unpaid Family Workers by Occupation, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Total, 14 and 15 years	Total, 16 years and over	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 to 69 years	70 years and over
Male employed unpaid family workers—Con.													
Craftsmen and kindred workers—Continued													
Cranemen, derrickmen and hoistmen	–	81	–	–	–	–	23	17	22	19	–	–	–
Foremen, n.e.c	–	609	–	–	69	111	21	111	142	21	–	57	77
Durable goods manufacturing	–	167	–	–	–	42	–	65	25	–	–	–	35
Nondurable goods, including not specified manufacturing	–	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	–	442	–	–	69	69	21	46	117	21	–	57	42
Linemen and servicemen, telephone and power	–	38	–	–	–	–	–	20	18	–	–	–	–
Locomotive engineers and firemen	–	–	–	–	–	–	–	–	–	–	–	–	–
Mechanics and repairmen	146	3 319	631	616	477	180	139	427	285	213	77	142	132
Air conditioning, heating, and refrigeration	–	113	26	21	–	–	22	23	–	–	–	21	–
Aircraft	–	–	–	–	–	–	–	–	–	–	–	–	–
Automobile, including body	63	1 948	319	378	307	141	96	233	160	125	54	22	113
Radio and television	–	389	139	42	73	–	–	69	23	–	23	20	–
Other mechanics and repairmen	83	869	147	175	97	39	21	102	102	88	–	79	19
Metal craftsmen, except mechanics	–	189	23	–	–	36	17	63	30	–	20	–	–
Machinists and job and die setters	–	83	–	–	–	–	–	63	–	–	20	–	–
Sheetmetal workers and tinsmiths	–	–	–	–	–	–	–	–	–	–	–	–	–
Tool and die makers	–	47	–	–	–	–	17	–	30	–	–	–	–
Other metal craftsmen	–	59	23	–	–	36	–	–	–	–	–	–	–
Printing craftsmen	81	341	44	36	123	43	–	–	52	–	–	19	24
Compositors and typesetters	51	192	–	–	100	21	–	–	52	–	–	19	–
Pressmen and plate printers, printing	30	149	44	36	23	22	–	–	–	–	–	–	24
Stationary engineers and power station operators	–	66	–	–	–	–	21	19	–	–	26	–	–
Other craftsmen and kindred workers	78	1 929	174	197	243	118	106	245	161	200	148	167	170
Operatives, except transport	**883**	**7 648**	**1 607**	**1 498**	**1 236**	**241**	**364**	**853**	**616**	**359**	**249**	**274**	**351**
Assemblers	20	174	14	41	–	–	20	39	20	20	–	20	–
Checkers, examiners, and inspectors; manufacturing	–	139	–	18	49	–	36	17	–	–	19	–	–
Garage workers and gas station attendants	449	2 300	877	614	476	15	–	35	89	45	45	33	71
Laundry and drycleaning operatives, including ironers	18	609	80	127	85	21	44	14	78	51	–	73	36
Meat cutters and butchers	43	399	51	21	51	43	25	43	18	60	–	41	46
Metalworking operatives, except precision machine	104	485	30	67	61	20	67	39	132	46	23	–	–
Filers, polishers, sanders, and buffers	22	115	15	22	22	–	–	–	56	–	–	–	–
Mine operatives, n.e.c	–	88	–	19	24	–	–	24	21	–	–	–	–
Packers and wrappers, except produce	–	74	16	17	–	–	41	–	–	–	–	–	–
Painters, manufactured articles	–	99	–	33	–	25	–	20	–	–	–	21	–
Precision machine operatives	–	37	–	18	–	–	–	19	–	–	–	–	–
Sawyers	–	87	–	17	–	–	–	25	–	–	–	45	–
Stationary firemen	–	–	–	–	–	–	–	–	–	–	–	–	–
Textile operatives	–	–	–	–	–	–	–	–	–	–	–	–	–
Other specified operatives	99	1 554	165	261	177	62	56	305	121	112	107	41	147
Miscellaneous and not specified operatives	150	1 603	374	245	313	55	75	273	137	25	55	–	51
Occupation:													
Machine operatives, miscellaneous specified	–	490	85	66	68	18	17	116	50	–	19	–	51
Machine operatives, not specified	–	209	–	57	19	17	23	74	19	–	–	–	–
Miscellaneous operatives	131	735	269	98	208	20	18	18	68	–	36	–	–
Not specified operatives	19	169	20	24	18	–	17	65	–	25	–	–	–
Industry:													
Manufacturing	34	824	128	159	106	35	17	222	88	–	18	–	51
Durable goods	34	430	44	111	55	–	–	86	65	–	18	–	51
Wood products, including furniture	–	140	20	44	17	–	–	22	–	–	18	–	19
Primary metal industries	–	–	–	–	–	–	–	–	–	–	–	–	–
Fabricated metal industries	–	65	–	–	20	–	–	26	19	–	–	–	–
Machinery, including electrical	16	87	24	21	–	–	–	19	23	–	–	–	–
Motor vehicles and equipment	18	43	–	24	–	–	–	19	–	–	–	–	–
Transportation equipment, except motor vehicles	–	–	–	–	–	–	–	–	–	–	–	–	–
Other durable goods	–	95	–	22	18	–	–	–	23	–	–	–	32
Nondurable goods	–	367	84	33	39	35	17	136	23	–	–	–	–
Food and kindred products	–	130	68	–	18	–	–	44	–	–	–	–	–
Apparel and other fabricated textile products	–	–	–	–	–	–	–	–	–	–	–	–	–
Paper and allied products	–	17	–	–	–	–	17	–	–	–	–	–	–
Chemicals and allied products	–	35	–	–	–	35	–	–	–	–	–	–	–
Other nondurable goods	–	185	16	33	21	–	–	92	23	–	–	–	–
Not specified manufacturing industries	–	27	–	15	12	–	–	–	–	–	–	–	–
Nonmanufacturing industries	116	779	246	86	207	20	58	51	49	25	37	–	–
Transportation, communications, and other public utilities	–	–	–	–	–	–	–	–	–	–	–	–	–
Wholesale and retail trade	94	351	118	44	89	20	23	35	22	–	–	–	–
All other industries	22	428	128	42	118	–	35	16	27	25	37	–	–
Transport equipment operatives	**231**	**3 603**	**414**	**658**	**584**	**272**	**133**	**395**	**348**	**139**	**279**	**153**	**228**
Bus drivers	–	125	–	27	–	–	–	56	20	–	22	–	–
Parking attendants	–	–	–	–	–	–	–	–	–	–	–	–	–
Railroad brakemen and switchmen	–	–	–	–	–	–	–	–	–	–	–	–	–
Taxicab drivers and chauffeurs	–	86	22	–	–	–	23	–	–	–	–	22	19
Truck drivers and deliverymen	104	2 779	349	543	525	229	110	279	288	119	163	66	108
Other transport equipment operatives	127	613	43	88	59	43	–	60	40	20	94	65	101
Laborers, except farm	**1 236**	**7 189**	**1 645**	**1 272**	**1 147**	**376**	**328**	**346**	**668**	**361**	**361**	**242**	**443**
Construction laborers	62	1 110	303	245	301	41	–	17	104	24	–	46	29
Freight, stock, and material handlers	483	1 908	655	443	223	130	23	94	101	33	121	61	24
Gardeners and groundskeepers, except farm	80	1 039	141	19	187	56	19	56	103	110	112	62	174
Lumbermen, raftsmen, and woodchoppers	17	739	70	174	112	81	112	38	89	37	–	–	26
Other specified laborers	421	1 383	356	264	124	68	81	43	142	90	58	–	157

Table 49. **Employed Unpaid Family Workers by Occupation, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Total, 14 and 15 years	Total, 16 years and over	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 to 69 years	70 years and over
Male employed unpaid family workers—Con.													
Laborers, except farm—Continued													
Miscellaneous and not specified laborers	173	1 010	120	127	200	–	93	98	129	67	70	73	33
Occupation:													
Miscellaneous laborers	41	399	37	42	90	–	22	39	112	24	–	–	33
Not specified laborers	132	611	83	85	110	–	71	59	17	43	70	73	–
Industry:													
Manufacturing	–	195	45	–	78	–	–	–	27	24	–	21	–
Durable goods	–	119	45	–	23	–	–	–	27	24	–	–	–
Wood products, *including furniture*	–	22	22	–	–	–	–	–	–	–	–	–	–
Metal industries	–	51	–	–	–	–	–	–	27	24	–	–	–
Machinery, including electrical	–	–	–	–	–	–	–	–	–	–	–	–	–
Transportation equipment	–	–	–	–	–	–	–	–	–	–	–	–	–
Other durable goods	–	46	23	–	23	–	–	–	–	–	–	–	–
Nondurable goods	–	76	–	–	55	–	–	–	–	–	–	21	–
Food and kindred products	–	25	–	–	25	–	–	–	–	–	–	–	–
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	173	815	75	127	122	–	93	98	102	43	70	52	33
Railroads and railway express service	–	–	–	–	–	–	–	–	–	–	–	–	–
Transportation, except railroads	–	44	–	–	–	–	22	–	–	–	–	22	–
Communications, and utilities and sanitary services	–	–	–	–	–	–	–	–	–	–	–	–	–
Wholesale and retail trade	132	367	75	79	42	–	47	39	47	19	–	19	–
All other industries[1]	41	404	–	48	80	–	24	59	55	24	70	11	33
Farmers and farm managers	16	986	37	58	34	51	43	169	224	42	147	96	85
Farm laborers and farm foremen	14 647	61 146	18 307	12 195	10 380	3 120	2 081	3 546	3 175	1 884	2 057	1 990	2 411
Paid farm laborers and farm foremen	–	–	–	–	–	–	–	–	–	–	–	–	–
Farm laborers, unpaid family workers	14 647	61 146	18 307	12 195	10 380	3 120	2 081	3 546	3 175	1 884	2 057	1 990	2 411
Service workers, except private household[2]	680	6 711	885	663	948	349	404	988	885	528	298	248	515
Cleaning service workers	248	1 451	172	144	64	77	42	201	306	136	111	41	157
Food service workers	318	3 385	464	362	589	136	172	534	426	248	111	156	187
Cooks, except private household	109	1 446	149	99	263	19	122	189	190	153	92	67	103
Busboys and dishwashers	85	226	92	23	41	–	–	–	21	29	–	–	20
Waiters	56	394	101	112	87	–	–	–	46	19	–	–	29
Other food service workers	68	1 319	122	128	198	117	50	345	169	47	19	89	35
Health service workers	–	123	43	20	–	–	–	60	–	–	–	–	–
Personal service workers	11	667	48	60	129	58	29	61	80	66	16	27	93
Barbers	–	226	–	17	46	16	29	–	38	–	16	27	37
Protective service workers	–	80	21	22	–	–	–	–	20	17	–	–	–
Firemen, fire protection	–	–	–	–	–	–	–	–	–	–	–	–	–
Guards and watchmen	–	20	–	–	–	–	–	–	20	–	–	–	–
Policemen and detectives	–	17	–	–	–	–	–	–	–	17	–	–	–
Private household workers	–	81	–	–	–	–	–	–	–	81	–	–	–
Private household workers—living in	–	19	–	–	–	–	–	–	–	19	–	–	–
Private household workers—living out	–	62	–	–	–	–	–	–	–	62	–	–	–
Female employed unpaid family workers	3 459	291 467	4 988	5 412	10 683	16 367	24 063	75 227	88 651	33 427	19 234	7 294	6 121
Professional, technical, and kindred workers	49	12 001	–	146	541	943	1 142	3 053	2 859	1 445	1 061	426	385
Accountants	–	1 914	–	–	18	62	207	506	404	383	191	99	44
Computer specialists	–	–	–	–	–	–	–	–	–	–	–	–	–
Engineers	–	–	–	–	–	–	–	–	–	–	–	–	–
Lawyers and judges	–	42	–	–	–	–	–	42	–	–	–	–	–
Librarians	–	275	–	–	–	24	–	–	47	19	80	18	87
Mathematical specialists	–	23	–	–	–	23	–	–	–	–	–	–	–
Life and physical scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Physicians, dentists, and related practitioners	–	417	–	–	–	21	79	139	115	22	41	–	–
Registered nurses, dietitians, and therapists	–	2 692	–	33	208	168	220	488	957	196	203	134	85
Dietitians	–	93	–	–	–	23	–	27	21	–	22	–	–
Registered nurses	–	2 511	–	33	161	123	220	461	936	196	162	134	85
Therapists	–	88	–	–	47	22	–	–	–	–	19	–	–
Health technologists and technicians	–	535	–	20	–	35	56	149	129	76	70	–	–
Religious workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Social scientists	–	66	–	–	–	–	–	24	–	20	–	22	–
Social and recreation workers	–	296	–	38	39	79	22	–	86	32	–	–	–
Teachers	–	674	–	17	61	65	56	208	83	112	19	53	–
College and university	–	–	–	–	–	–	–	–	–	–	–	–	–
Elementary and prekindergarten	–	226	–	17	44	25	34	36	43	27	–	–	–
Secondary	–	–	–	–	–	–	–	–	–	–	–	–	–
Other teachers	–	448	–	–	17	40	22	172	40	85	19	53	–
Engineering and science technicians	–	168	–	–	23	19	37	44	45	–	–	–	–
Technicians, except health, and engineering and science	–	53	–	–	–	–	18	35	–	–	–	–	–
Writers, artists, and entertainers	–	1 873	–	38	92	231	114	504	475	174	138	59	48
Actors and dancers	–	21	–	–	–	–	–	–	–	–	21	–	–
Authors, editors, and reporters	–	344	–	–	–	20	18	63	103	41	35	40	24
Designers	–	193	–	–	22	–	–	49	85	18	–	19	–
Other professional, technical, and kindred workers	49	2 973	–	–	100	216	333	914	518	411	319	41	121
Managers and administrators, except farm	23	25 185	18	175	596	1 199	2 042	6 122	8 632	3 126	1 978	689	608
Buyers, purchasing agents, and sales managers	–	1 361	18	–	22	73	77	353	506	188	39	22	63
Restaurant, cafeteria, and bar managers	–	4 187	–	43	123	115	417	1 403	1 323	472	136	46	109
School administrators	–	–	–	–	–	–	–	–	–	–	–	–	–
Other specified managers and administrators	–	4 519	–	–	63	282	369	921	1 481	626	400	265	112
Managers and administrators, n.e.c., salaried	–	–	–	–	–	–	–	–	–	–	–	–	–
Manufacturing	–	–	–	–	–	–	–	–	–	–	–	–	–
Wholesale and retail trade	–	–	–	–	–	–	–	–	–	–	–	–	–

[1]Includes transportation, communications, and other public utilities—allocated. [2]Includes allocated cases not shown separately.

Table 49. **Employed Unpaid Family Workers by Occupation, Age, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Total, 14 and 15 years	Total, 16 years and over	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 to 69 years	70 years and over
Female employed unpaid family workers—Con.													
Managers and administrators, except farm—Con.													
Managers and administrators, n.e.c., salaried—Continued													
Finance, insurance, and real estate	–	–	–	–	–	–	–	–	–	–	–	–	–
All other industries	–	–	–	–	–	–	–	–	–	–	–	–	–
Managers and administrators, n.e.c., self-employed	23	15 118	–	132	388	729	1 179	3 445	5 322	1 840	1 403	356	324
Wholesale and retail trade	23	8 838	–	132	277	467	628	2 019	2 996	962	959	175	223
Personal services	–	3 326	–	–	58	184	243	767	1 338	376	251	78	31
All other industries	–	2 954	–	–	53	78	308	659	988	502	193	103	70
Sales workers	**322**	**40 402**	**602**	**653**	**1 363**	**1 775**	**2 572**	**9 028**	**13 741**	**5 126**	**3 179**	**1 286**	**1 077**
Demonstrators, hucksters, and peddlers	–	430	20	22	17	17	76	116	106	–	37	–	19
Insurance, real estate agents, and brokers	–	1 120	–	–	–	20	36	373	446	104	62	41	38
Sales clerks, retail trade	276	29 215	510	411	891	993	1 726	6 418	10 214	3 813	2 446	1 011	782
Salesmen, retail trade	23	3 510	–	44	98	111	238	1 144	1 237	339	150	109	40
Other sales workers	23	6 127	72	176	357	634	496	977	1 738	870	484	125	198
Clerical and kindred workers	**289**	**111 773**	**482**	**884**	**2 856**	**6 139**	**10 055**	**32 952**	**35 656**	**12 036**	**6 605**	**2 372**	**1 736**
Bank tellers	–	102	–	–	–	20	20	–	40	22	–	–	–
Billing clerks	–	495	17	–	21	–	40	230	127	21	–	24	15
Bookkeepers	–	46 567	26	174	625	2 193	3 613	14 769	15 425	5 550	2 827	816	549
Cashiers	72	8 162	166	130	395	228	610	2 271	2 354	1 022	528	310	148
Counter clerks, except food	41	2 208	24	74	43	78	219	571	661	293	204	–	41
Enumerators and interviewers	–	17	–	–	–	–	–	–	17	–	–	–	–
File clerks	–	516	–	22	–	–	116	89	184	82	–	23	–
Library attendants and assistants	–	61	–	–	–	–	–	20	–	41	–	–	–
Mail handlers and postal clerks	–	143	–	–	–	24	–	–	77	21	21	–	–
Office machine operators	–	248	–	–	42	45	22	54	45	40	–	–	–
Bookkeeping and billing machine operators	–	39	–	–	–	20	–	–	–	19	–	–	–
Keypunch operators	–	47	–	–	–	25	22	–	–	–	–	–	–
Payroll and timekeeping clerks	–	82	–	–	–	20	–	–	38	24	–	–	–
Receptionists	–	4 337	14	39	194	251	347	1 117	1 567	420	146	123	119
Secretaries	–	25 986	37	143	697	2 140	3 147	7 950	7 559	2 272	1 289	529	223
Stenographers	–	221	–	–	–	–	37	62	77	45	–	–	–
Stock clerks and storekeepers	–	474	–	–	–	24	–	110	161	43	69	67	–
Telephone operators	–	346	–	–	17	35	15	61	139	35	23	–	21
Typists	–	3 136	43	78	83	143	245	835	1 011	282	297	80	39
Other clerical and kindred workers	176	18 672	155	224	739	938	1 624	4 813	6 174	1 823	1 201	400	581
Craftsmen and kindred workers	**–**	**5 444**	**46**	**131**	**224**	**274**	**501**	**1 260**	**1 599**	**716**	**333**	**149**	**211**
Decorators and window dressers	–	1 137	27	39	38	115	85	307	348	86	19	16	57
Foremen, n.e.c	–	508	–	–	–	–	17	135	216	42	20	51	27
Operatives, except transport	**111**	**13 289**	**222**	**290**	**598**	**790**	**1 165**	**3 564**	**3 402**	**1 613**	**764**	**449**	**432**
Assemblers	–	630	22	69	65	22	18	213	203	–	18	–	–
Bottling and canning operatives	–	17	17	–	–	–	–	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	–	139	–	19	–	–	37	61	22	–	–	–	–
Dressmakers and seamstresses, except factory	–	861	–	–	9	38	94	163	243	145	91	19	59
Laundry and drycleaning operatives, including ironers	–	1 915	18	16	29	25	62	672	441	428	116	83	25
Graders and sorters, manufacturing	–	20	–	–	–	–	–	–	20	–	–	–	–
Packers and wrappers, except produce	19	959	16	–	27	38	162	284	333	43	56	–	–
Sewers and stitchers	–	1 188	–	–	130	91	35	310	257	143	39	98	85
Textile operatives	–	157	–	–	–	18	47	51	41	–	–	–	–
Other specified operatives	76	5 455	97	105	200	402	588	1 345	1 315	707	336	173	187
Miscellaneous and not specified operatives	16	1 948	52	81	138	156	122	465	527	147	108	76	76
Manufacturing	16	1 076	52	27	84	74	60	239	284	81	58	57	60
Durable goods	16	395	–	27	41	–	39	143	103	21	21	–	–
Metal industries	–	62	–	–	–	–	–	–	41	–	21	–	–
Machinery, including electrical	16	130	–	27	22	–	–	42	18	21	–	–	–
Nondurable goods	–	681	52	–	43	74	21	96	181	60	37	57	60
Food and kindred products	–	366	52	–	–	17	21	59	84	21	14	57	41
Apparel and other fabricated textile products	–	–	–	–	–	–	–	–	–	–	–	–	–
Leather and leather products	–	33	–	–	–	17	–	–	16	–	–	–	–
Nonmanufacturing industries	–	872	–	54	54	82	62	226	243	66	50	19	16
Transport equipment operatives	**–**	**1 433**	**21**	**44**	**17**	**172**	**162**	**322**	**470**	**145**	**63**	**–**	**17**
Bus drivers	–	307	–	–	–	–	–	131	133	25	18	–	–
Laborers, except farm	**178**	**5 329**	**199**	**211**	**313**	**306**	**331**	**1 254**	**1 490**	**739**	**256**	**130**	**100**
Farmers and farm managers	**–**	**345**	**–**	**–**	**–**	**–**	**41**	**71**	**156**	**17**	**38**	**–**	**22**
Farm laborers and farm foremen	**2 083**	**45 161**	**2 289**	**2 038**	**2 397**	**2 601**	**3 485**	**10 921**	**12 133**	**4 985**	**2 842**	**839**	**631**
Paid farm laborers and farm foremen	–	–	–	–	–	–	–	–	–	–	–	–	–
Farm laborers, unpaid family workers	2 083	45 161	2 289	2 038	2 397	2 601	3 485	10 921	12 133	4 985	2 842	839	631
Service workers, except private household[a]	**371**	**30 813**	**1 093**	**797**	**1 778**	**2 168**	**2 531**	**6 661**	**8 443**	**3 441**	**2 100**	**936**	**865**
Cleaning service workers	–	2 598	87	56	125	150	39	395	884	224	305	102	231
Chambermaids and maids	–	762	23	–	21	68	–	118	209	33	158	–	132
Food service workers	192	18 796	794	498	940	1 437	1 676	4 716	5 049	1 995	969	446	276
Cooks, except private household	18	6 184	85	55	215	429	315	1 684	1 813	678	545	294	71
Waiters and food counter workers	174	9 337	614	390	612	736	1 008	2 308	2 225	980	231	136	97
Health service workers	–	2 730	44	64	194	232	191	576	611	244	343	132	99
Nursing aides, orderlies, and attendants	–	661	24	50	67	38	17	129	141	78	41	51	25
Practical nurses	–	289	–	–	72	62	–	21	60	19	45	–	10
Personal service workers	–	3 722	55	139	312	222	316	590	1 021	575	190	145	157
Hairdressers and cosmetologists	–	1 744	16	94	290	90	165	326	460	211	51	20	21
Housekeepers, except private household	–	573	–	–	–	–	95	73	127	127	16	20	115
Private household workers	**33**	**292**	**16**	**43**	**–**	**–**	**36**	**19**	**70**	**38**	**15**	**18**	**37**
Private household workers—living in	–	15	–	–	–	–	–	–	–	–	15	–	–
Private household workers—living out	33	277	16	43	–	–	36	19	70	38	–	18	37

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

Table 50. Employed Unpaid Family Workers by Occupation, Relationship to Head of Family, and Sex: 1970

(Data based on 5-percent sample, see text. For meaning of symbols, see text)

United States

	Total, 16 years old and over	Family members not in subfamilies				Subfamily members			Unrelated individuals	
		Total	Head	Wife of head	Child of head	Other relative	Total	Child or child-in-law of head	Other relative	In households	In group quarters
Male employed unpaid family workers	124 896	110 190	42 410	–	62 973	4 807	1 656	1 075	581	6 396	6 654
Professional, technical, and kindred workers	2 975	2 026	1 509	–	461	56	51	51	–	377	521
Accountants	62	62	46	–	16	–	–	–	–	–	–
Architects	21	–	–	–	–	–	–	–	–	21	–
Computer specialists	19	19	19	–	–	–	–	–	–	–	–
Engineers	–	–	–	–	–	–	–	–	–	–	–
Aeronautical and astronautical	–	–	–	–	–	–	–	–	–	–	–
Civil	–	–	–	–	–	–	–	–	–	–	–
Electrical and electronic	–	–	–	–	–	–	–	–	–	–	–
Mechanical	–	–	–	–	–	–	–	–	–	–	–
Other engineers	–	–	–	–	–	–	–	–	–	–	–
Lawyers and judges	95	95	78	–	17	–	–	–	–	–	–
Life and physical scientists	–	–	–	–	–	–	–	–	–	–	–
Chemists	–	–	–	–	–	–	–	–	–	–	–
Physicians, dentists, and related practitioners	146	129	113	–	16	–	–	–	–	17	–
Dentists	–	–	–	–	–	–	–	–	–	–	–
Pharmacists	53	36	20	–	16	–	–	–	–	17	–
Physicians, medical and osteopathic	64	64	64	–	–	–	–	–	–	–	–
Other related practitioners	29	29	29	–	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	21	–	–	–	–	–	–	–	–	21	–
Health technologists and technicians	105	40	40	–	–	–	–	–	–	–	65
Religious workers	–	–	–	–	–	–	–	–	–	–	–
Social scientists	20	20	20	–	–	–	–	–	–	–	–
Social and recreation workers	18	–	–	–	–	–	–	–	–	18	–
Teachers	148	57	57	–	–	–	–	–	–	45	46
College and university	–	–	–	–	–	–	–	–	–	–	–
Elementary and prekindergarten	26	–	–	–	–	–	–	–	–	–	26
Secondary	–	–	–	–	–	–	–	–	–	–	–
Other teachers	122	57	57	–	–	–	–	–	–	45	20
Engineering and science technicians	121	98	79	–	–	19	–	–	–	–	23
Draftsmen and surveyors	103	80	61	–	–	19	–	–	–	–	23
Electrical and electronic engineering technicians	–	–	–	–	–	–	–	–	–	–	–
Technicians, except health, and engineering and science	48	48	48	–	–	–	–	–	–	–	–
Airplane pilots	48	48	48	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	1 308	1 001	668	–	296	37	51	51	–	111	145
Authors, editors, and reporters	257	204	180	–	24	–	–	–	–	–	53
Designers	66	66	36	–	30	–	–	–	–	–	–
Other professional, technical, and kindred workers	843	457	341	–	116	–	–	–	–	144	242
Managers and administrators, except farm	11 552	10 432	9 264	–	1 023	145	95	83	12	617	408
Buyers, purchasing agents, and sales managers	750	589	484	–	105	–	25	25	–	56	80
School administrators	–	–	–	–	–	–	–	–	–	–	–
Specified managers and administrators, public administration	–	–	–	–	–	–	–	–	–	–	–
Other specified managers and administrators	2 684	2 331	2 109	–	205	17	14	14	–	162	177
Managers and administrators, n.e.c., salaried	–	–	–	–	–	–	–	–	–	–	–
Manufacturing	–	–	–	–	–	–	–	–	–	–	–
Transportation, communications, and other public utilities	–	–	–	–	–	–	–	–	–	–	–
Wholesale and retail trade	–	–	–	–	–	–	–	–	–	–	–
Finance, insurance, and real estate	–	–	–	–	–	–	–	–	–	–	–
All other industries	–	–	–	–	–	–	–	–	–	–	–
Managers and administrators, n.e.c., self-employed	8 118	7 512	6 671	–	713	128	56	44	12	399	151
Construction	542	521	444	–	48	29	–	–	–	21	–
Manufacturing	733	711	631	–	80	–	–	–	–	22	–
Wholesale trade	291	291	217	–	74	–	–	–	–	–	–
Retail trade	3 497	3 385	3 025	–	314	46	12	–	12	100	–
All other industries	3 055	2 604	2 354	–	197	53	44	44	–	256	151
Sales workers	7 497	6 769	3 546	–	3 039	184	108	34	74	404	216
Insurance agents, brokers, and underwriters	122	122	122	–	–	–	–	–	–	–	–
Real estate agents and brokers	356	335	303	–	32	–	–	–	–	21	–
Sales representatives, manufacturing industries	211	193	87	–	106	–	–	–	–	18	–
Sales representatives, wholesale trade	478	443	246	–	172	25	–	–	–	23	12
Sales clerks, retail trade	4 165	3 827	1 830	–	1 879	118	74	–	74	217	47
Salesmen, retail trade	840	752	318	–	417	17	–	–	–	88	–
Salesmen of services and construction	273	230	152	–	78	–	–	–	–	–	43
Other sales workers	1 052	867	488	–	355	24	34	34	–	37	114
Clerical and kindred workers	4 494	3 713	1 932	–	1 663	118	43	20	23	237	501
Bank tellers and cashiers	667	650	345	–	305	–	–	–	–	17	–
Bookkeepers and billing clerks	886	707	414	–	279	14	43	20	23	60	76
Mail handlers and postal clerks	43	43	–	–	43	–	–	–	–	–	–
Shipping and receiving clerks	82	58	39	–	19	–	–	–	–	24	–
Stock clerks and storekeepers	377	320	99	–	185	36	–	–	–	–	57
Other clerical and kindred workers	2 439	1 935	1 035	–	832	68	–	–	–	136	368
Craftsmen and kindred workers	11 014	9 585	5 641	–	3 640	304	123	84	39	581	725
Apparel craftsmen and upholsterers	101	101	85	–	16	–	–	–	–	–	–
Bakers	284	209	127	–	82	–	–	–	–	26	49
Cabinetmakers	66	66	66	–	–	–	–	–	–	–	–
Construction craftsmen	3 991	3 431	2 273	–	1 088	70	80	63	17	187	293
Carpenters	2 162	1 955	1 412	–	493	50	21	21	–	73	113
Excavating, grading, and road machine operators	392	281	162	–	99	20	30	30	–	20	61
Electricians	233	176	155	–	21	–	12	12	–	–	45
Masons and tile setters	90	68	–	–	68	–	–	–	–	–	22
Painters, construction and maintenance, and paperhangers	600	469	270	–	199	–	17	–	17	94	20
Plasterers and cement finishers	39	39	15	–	24	–	–	–	–	–	–
Plumbers and pipe fitters	314	282	190	–	92	–	–	–	–	–	32
Other construction craftsmen	161	161	69	–	92	–	–	–	–	–	–

Table 50. **Employed Unpaid Family Workers by Occupation, Relationship to Head of Family, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Total, 16 years old and over	Family members not in subfamilies					Subfamily members			Unrelated individuals	
		Total	Head	Wife of head	Child of head	Other relative	Total	Child or child-in-law of head	Other relative	In households	In group quarters
Male employed unpaid family workers—Con.											
Craftsmen and kindred workers—Continued											
Cranemen, derrickmen and hoistmen	81	81	81	–	–	–	–	–	–	–	–
Foremen, n.e.c.	609	542	517	–	25	–	–	–	–	21	46
Durable goods manufacturing	167	167	167	–	–	–	–	–	–	–	–
Nondurable goods, including not specified manufacturing	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	442	375	350	–	25	–	–	–	–	21	46
Linemen and servicemen, telephone and power	38	18	18	–	–	–	–	–	–	–	20
Locomotive engineers and firemen	–	–	–	–	–	–	–	–	–	–	–
Mechanics and repairmen	3 319	3 029	1 316	–	1 546	167	–	–	–	162	128
Air conditioning, heating, and refrigeration	113	113	45	–	47	21	–	–	–	–	–
Aircraft	–	–	–	–	–	–	–	–	–	–	–
Automobile, including body	1 948	1 771	804	–	885	82	–	–	–	68	109
Radio and television	389	350	113	–	237	–	–	–	–	39	–
Other mechanics and repairmen	869	795	354	–	377	64	–	–	–	55	19
Metal craftsmen, except mechanics	189	171	148	–	23	–	–	–	–	18	–
Machinists and job and die setters	83	65	65	–	–	–	–	–	–	18	–
Sheetmetal workers and tinsmiths	–	–	–	–	–	–	–	–	–	–	–
Tool and die makers	47	47	47	–	–	–	–	–	–	–	–
Other metal craftsmen	59	59	36	–	23	–	–	–	–	–	–
Printing craftsmen	341	201	61	–	124	16	–	–	–	24	116
Compositors and typesetters	192	76	39	–	21	16	–	–	–	–	116
Pressmen and plate printers, printing	149	125	22	–	103	–	–	–	–	24	–
Stationary engineers and power station operators	66	40	40	–	–	–	–	–	–	–	26
Other craftsmen and kindred workers	1 929	1 696	909	–	736	51	43	21	22	143	47
Operatives, except transport	**7 648**	**6 740**	**3 003**	–	**3 577**	**160**	**151**	**151**	–	**437**	**320**
Assemblers	174	152	119	–	33	–	–	–	–	–	22
Checkers, examiners, and inspectors; manufacturing	139	90	72	–	18	–	–	–	–	49	–
Garage workers and gas station attendants	2 300	2 084	352	–	1 650	82	37	37	–	75	104
Laundry and drycleaning operatives, including ironers	609	539	250	–	256	33	–	–	–	35	35
Meat cutters and butchers	399	337	259	–	72	6	–	–	–	41	21
Metalworking operatives, except precision machine	485	402	291	–	111	–	–	–	–	53	30
Filers, polishers, sanders, and buffers	115	84	47	–	37	–	–	–	–	31	–
Mine operatives, n.e.c.	88	88	69	–	19	–	–	–	–	–	–
Packers and wrappers, except produce	74	55	22	–	33	–	–	–	–	–	19
Painters, manufactured articles	99	78	20	–	58	–	–	–	–	21	–
Precision machine operatives	37	37	19	–	18	–	–	–	–	–	–
Sawyers	87	87	70	–	17	–	–	–	–	–	–
Stationary firemen	–	–	–	–	–	–	–	–	–	–	–
Textile operatives	–	–	–	–	–	–	–	–	–	–	–
Other specified operatives	1 554	1 305	809	–	457	39	61	61	–	141	47
Miscellaneous and not specified operatives	1 603	1 486	651	–	835	–	53	53	–	22	42
Occupation:											
Machine operatives, miscellaneous specified	490	472	282	–	190	–	18	18	–	–	–
Machine operatives, not specified	209	152	133	–	19	–	15	15	–	–	42
Miscellaneous operatives	735	715	151	–	564	–	20	20	–	–	–
Not specified operatives	169	147	85	–	62	–	–	–	–	22	–
Industry:											
Manufacturing	824	748	420	–	328	–	33	33	–	22	21
Durable goods	430	387	236	–	151	–	–	–	–	22	21
Wood products, including furniture	140	118	37	–	81	–	–	–	–	22	–
Primary metal industries	–	–	–	–	–	–	–	–	–	–	–
Fabricated metal industries	65	65	65	–	–	–	–	–	–	–	–
Machinery, including electrical	87	66	42	–	24	–	–	–	–	–	21
Motor vehicles and equipment	43	43	19	–	24	–	–	–	–	–	–
Transportation equipment, except motor vehicles	–	–	–	–	–	–	–	–	–	–	–
Other durable goods	95	95	73	–	22	–	–	–	–	–	–
Nondurable goods	367	349	172	–	177	–	18	18	–	–	–
Food and kindred products	130	130	44	–	86	–	–	–	–	–	–
Apparel and other fabricated textile products	–	–	–	–	–	–	–	–	–	–	–
Paper and allied products	17	17	17	–	–	–	–	–	–	–	–
Chemicals and allied products	35	17	17	–	–	–	18	18	–	–	–
Other nondurable goods	185	185	94	–	91	–	–	–	–	–	–
Not specified manufacturing industries	27	12	12	–	–	–	15	15	–	–	–
Nonmanufacturing industries	779	738	231	–	507	–	20	20	–	–	21
Transportation, communications, and other public utilities	–	–	–	–	–	–	–	–	–	–	–
Wholesale and retail trade	351	331	109	–	222	–	20	20	–	–	–
All other industries	428	407	122	–	285	–	–	–	–	–	21
Transport equipment operatives	**3 603**	**3 178**	**1 608**	–	**1 517**	**53**	**22**	**22**	–	**118**	**285**
Bus drivers	125	103	76	–	27	–	–	–	–	–	22
Parking attendants	–	–	–	–	–	–	–	–	–	–	–
Railroad brakemen and switchmen	–	–	–	–	–	–	–	–	–	–	–
Taxicab drivers and chauffeurs	86	86	41	–	45	–	–	–	–	–	–
Truck drivers and deliverymen	2 779	2 545	1 147	–	1 345	53	22	22	–	39	173
Other transport equipment operatives	613	444	344	–	100	–	–	–	–	79	90
Laborers, except farm	**7 189**	**6 055**	**1 947**	–	**3 703**	**405**	**124**	**27**	**97**	**753**	**257**
Construction laborers	1 110	888	195	–	643	50	–	–	–	200	22
Freight, stock, and material handlers	1 908	1 705	335	–	1 264	106	14	–	14	108	81
Gardeners and groundskeepers, except farm	1 039	884	484	–	298	102	–	–	–	111	44
Lumbermen, raftsmen, and woodchoppers	739	602	207	–	395	–	72	–	72	65	–
Other specified laborers	1 383	1 128	431	–	644	53	27	27	–	166	62

Table 50. **Employed Unpaid Family Workers by Occupation, Relationship to Head of Family, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Total, 16 years old and over	Family members not in subfamilies				Subfamily members			Unrelated individuals	
		Total	Head	Wife of head	Child of head	Other relative	Total	Child or child-in-law of head	Other relative	In households	In group quarters
Male employed unpaid family workers—Con.											
Laborers, except farm—Continued											
Miscellaneous and not specified laborers	1 010	848	295	–	459	94	11	–	11	103	48
Occupation:											
Miscellaneous laborers	399	399	191	–	160	48	–	–	–	–	–
Not specified laborers	611	449	104	–	299	46	11	–	11	103	48
Industry:											
Manufacturing	195	195	72	–	123	–	–	–	–	–	–
Durable goods	119	119	51	–	68	–	–	–	–	–	–
Wood products, including furniture	22	22	–	–	22	–	–	–	–	–	–
Metal industries	51	51	51	–	–	–	–	–	–	–	–
Machinery, including electrical	–	–	–	–	–	–	–	–	–	–	–
Transportation equipment	–	–	–	–	–	–	–	–	–	–	–
Other durable goods	46	46	–	–	46	–	–	–	–	–	–
Nondurable goods	76	76	21	–	55	–	–	–	–	–	–
Food and kindred products	25	25	–	–	25	–	–	–	–	–	–
Not specified manufacturing industries	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	815	653	223	–	336	94	11	–	11	103	48
Railroads and railway express service	–	–	–	–	–	–	–	–	–	–	–
Transportation, except railroads	44	44	22	–	–	22	–	–	–	–	–
Communications, and utilities and sanitary services	–	–	–	–	–	–	–	–	–	–	–
Wholesale and retail trade	367	348	111	–	212	25	–	–	–	19	–
All other industries[1]	404	261	90	–	124	47	11	–	11	84	48
Farmers and farm managers	986	880	535	–	239	106	–	–	–	87	19
Farm laborers and farm foremen	61 146	55 482	10 886	–	41 643	2 953	817	547	270	2 010	2 837
Paid farm laborers and farm foremen	–	–	–	–	–	–	–	–	–	–	–
Farm laborers, unpaid family workers	61 146	55 482	10 886	–	41 643	2 953	817	547	270	2 010	2 837
Service workers, except private household[2]	6 711	5 268	2 529	–	2 416	323	122	56	66	756	565
Cleaning service workers	1 451	914	399	–	470	45	–	–	–	212	325
Food service workers	3 385	2 889	1 366	–	1 413	110	106	56	50	252	138
Cooks, except private household	1 446	1 277	841	–	410	26	62	36	26	58	49
Busboys and dishwashers	226	178	20	–	137	21	–	–	–	29	19
Waiters	394	365	41	–	324	–	–	–	–	29	–
Other food service workers	1 319	1 069	464	–	542	63	44	20	24	136	70
Health service workers	123	103	25	–	65	13	–	–	–	–	20
Personal service workers	667	549	280	–	202	67	–	–	–	56	62
Barbers	226	188	107	–	51	30	–	–	–	38	–
Protective service workers	80	80	37	–	43	–	–	–	–	–	–
Firemen, fire protection	–	–	–	–	–	–	–	–	–	–	–
Guards and watchmen	20	20	20	–	–	–	–	–	–	–	–
Policemen and detectives	17	17	17	–	–	–	–	–	–	–	–
Private household workers	81	62	10	–	52	–	–	–	–	19	–
Private household workers—living in	19	–	–	–	–	–	–	–	–	19	–
Private household workers—living out	62	62	10	–	52	–	–	–	–	–	–
Female employed unpaid family workers	291 467	274 862	4 014	250 962	15 235	4 651	2 322	1 824	498	7 223	7 060
Professional, technical, and kindred workers	12 001	9 300	180	8 765	335	20	–	–	–	579	2 122
Accountants	1 914	1 840	–	1 840	–	–	–	–	–	38	36
Computer specialists	–	–	–	–	–	–	–	–	–	–	–
Engineers	–	–	–	–	–	–	–	–	–	–	–
Lawyers and judges	42	42	–	42	–	–	–	–	–	–	–
Librarians	275	37	15	22	–	–	–	–	–	33	205
Mathematical specialists	23	23	–	23	–	–	–	–	–	–	–
Life and physical scientists	–	–	–	–	–	–	–	–	–	–	–
Physicians, dentists, and related practitioners	417	382	–	382	–	–	–	–	–	–	35
Registered nurses, dietitians, and therapists	2 692	1 635	–	1 592	43	–	–	–	–	144	913
Dietitians	93	45	–	45	–	–	–	–	–	–	48
Registered nurses	2 511	1 571	–	1 528	43	–	–	–	–	98	842
Therapists	88	19	–	19	–	–	–	–	–	46	23
Health technologists and technicians	535	368	–	368	–	–	–	–	–	–	167
Religious workers	–	–	–	–	–	–	–	–	–	–	–
Social scientists	66	46	–	46	–	–	–	–	–	–	20
Social and recreation workers	296	142	–	142	–	–	–	–	–	58	96
Teachers	674	501	–	501	–	–	–	–	–	41	132
College and university	–	–	–	–	–	–	–	–	–	–	–
Elementary and prekindergarten	226	133	–	133	–	–	–	–	–	41	52
Secondary	–	–	–	–	–	–	–	–	–	–	–
Other teachers	448	368	–	368	–	–	–	–	–	–	80
Engineering and science technicians	168	148	25	123	–	–	–	–	–	20	–
Technicians, except health, and engineering and science	53	53	–	53	–	–	–	–	–	–	–
Writers, artists, and entertainers	1 873	1 621	80	1 409	132	–	–	–	–	101	151
Actors and dancers	21	–	–	–	–	–	–	–	–	21	–
Authors, editors, and reporters	344	285	43	224	18	–	–	–	–	39	20
Designers	193	149	–	149	–	–	–	–	–	19	25
Other professional, technical, and kindred workers	2 973	2 462	60	2 222	160	20	–	–	–	144	367
Managers and administrators, except farm	25 185	23 686	531	22 532	384	239	163	139	24	753	583
Buyers, purchasing agents, and sales managers	1 361	1 299	48	1 251	–	–	18	18	–	21	23
Restaurant, cafeteria, and bar managers	4 187	4 084	37	3 919	59	69	59	59	–	44	–
School administrators	–	–	–	–	–	–	–	–	–	–	–
Other specified managers and administrators	4 519	4 086	145	3 744	175	22	–	–	–	273	160
Managers and administrators, n.e.c., salaried	–	–	–	–	–	–	–	–	–	–	–
Manufacturing	–	–	–	–	–	–	–	–	–	–	–
Wholesale and retail trade	–	–	–	–	–	–	–	–	–	–	–

[1]Includes transportation, communications, and other public utilities – allocated. [2]Includes allocated cases not shown separately.

Table 50. **Employed Unpaid Family Workers by Occupation, Relationship to Head of Family, and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Total, 16 years old and over	Family members not in subfamilies					Subfamily members			Unrelated individuals	
		Total	Head	Wife of head	Child of head	Other relative	Total	Child or child-in-law of head	Other relative	In households	In group quarters
Female employed unpaid family workers—Con.											
Managers and administrators, except farm—Con.											
Managers and administrators, n.e.c., salaried—Continued											
Finance, insurance, and real estate	–	–	–	–	–	–	–	–	–	–	–
All other industries	–	–	–	–	–	–	–	–	–	–	–
Managers and administrators, n.e.c., self-employed	15 118	14 217	301	13 618	150	148	86	62	24	415	400
Wholesale and retail trade	8 838	8 483	221	8 100	93	69	57	33	24	255	43
Personal services	3 326	3 228	27	3 149	34	18	–	–	–	57	41
All other industries	2 954	2 506	53	2 369	23	61	29	29	–	103	316
Sales workers	**40 402**	**39 161**	**613**	**35 946**	**2 016**	**586**	**248**	**207**	**41**	**926**	**67**
Demonstrators, hucksters, and peddlers	430	430	–	369	42	19	–	–	–	–	–
Insurance, real estate agents, and brokers	1 120	1 103	67	1 036	–	–	–	–	–	17	–
Sales clerks, retail trade	29 215	28 465	353	26 145	1 463	504	248	207	41	490	12
Salesmen, retail trade	3 510	3 488	27	3 378	83	–	–	–	–	22	–
Other sales workers	6 127	5 675	166	5 018	428	63	–	–	–	397	55
Clerical and kindred workers	**111 773**	**107 992**	**979**	**103 243**	**2 826**	**944**	**517**	**446**	**71**	**1 939**	**1 325**
Bank tellers	102	102	–	102	–	–	–	–	–	–	–
Billing clerks	495	459	–	405	36	18	–	–	–	15	21
Bookkeepers	46 567	46 023	169	45 043	411	400	28	28	–	372	144
Cashiers	8 162	7 781	36	7 139	525	81	172	123	49	157	52
Counter clerks, except food	2 208	2 118	19	1 920	179	–	69	69	–	21	–
Enumerators and interviewers	17	17	–	17	–	–	–	–	–	–	–
File clerks	516	516	–	494	22	–	–	–	–	–	–
Library attendants and assistants	61	–	–	–	–	–	–	–	–	–	61
Mail handlers and postal clerks	143	143	–	143	–	–	–	–	–	–	–
Office machine operators	248	248	–	206	42	–	–	–	–	–	–
Bookkeeping and billing machine operators	39	39	–	39	–	–	–	–	–	–	–
Keypunch operators	47	47	–	47	–	–	–	–	–	–	–
Payroll and timekeeping clerks	82	64	–	64	–	–	–	–	–	18	–
Receptionists	4 337	4 209	29	4 089	91	–	–	–	–	19	109
Secretaries	25 986	25 282	271	24 450	432	129	22	–	22	340	342
Stenographers	221	221	–	202	–	19	–	–	–	–	–
Stock clerks and storekeepers	474	474	–	474	–	–	–	–	–	–	–
Telephone operators	346	267	–	235	17	15	–	–	–	44	35
Typists	3 136	3 057	50	2 834	145	28	15	15	–	–	64
Other clerical and kindred workers	18 672	17 011	405	15 426	926	254	211	211	–	953	497
Craftsmen and kindred workers	**5 444**	**4 984**	**117**	**4 499**	**236**	**132**	**106**	**80**	**26**	**123**	**231**
Decorators and window dressers	1 137	1 065	12	916	93	44	52	52	–	20	–
Foremen, n.e.c.	508	476	27	449	–	–	–	–	–	–	32
Operatives, except transport	**13 289**	**11 876**	**356**	**10 307**	**725**	**488**	**301**	**174**	**127**	**595**	**517**
Assemblers	630	543	–	406	68	69	69	–	69	18	–
Bottling and canning operatives	17	17	–	–	17	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	139	117	–	98	–	19	–	–	–	22	–
Dressmakers and seamstresses, except factory	861	601	24	559	–	18	–	–	–	85	175
Laundry and drycleaning operatives, including ironers	1 915	1 794	53	1 647	55	39	22	22	–	66	33
Graders and sorters, manufacturing	20	20	–	20	–	–	–	–	–	–	–
Packers and wrappers, except produce	959	913	42	817	54	–	–	–	–	46	–
Sewers and stitchers	1 188	1 008	40	891	40	37	17	–	17	46	117
Textile operatives	157	157	–	157	–	–	–	–	–	–	–
Other specified operatives	5 455	4 893	197	4 152	290	254	139	98	41	274	149
Miscellaneous and not specified operatives	1 948	1 813	–	1 560	201	52	54	54	–	38	43
Manufacturing	1 076	1 019	–	850	135	34	19	19	–	38	–
Durable goods	395	395	–	346	49	–	–	–	–	–	–
Metal industries	62	62	–	62	–	–	–	–	–	–	–
Machinery, including electrical	130	130	–	81	49	–	–	–	–	–	–
Nondurable goods	681	624	–	504	86	34	19	19	–	38	–
Food and kindred products	366	328	–	262	66	–	–	–	–	38	–
Apparel and other fabricated textile products	–	–	–	–	–	–	–	–	–	–	–
Leather and leather products	33	33	–	33	–	–	–	–	–	–	–
Nonmanufacturing industries	872	794	–	710	66	18	35	35	–	–	43
Transport equipment operatives	**1 433**	**1 252**	**37**	**1 175**	**40**	**–**	**30**	**30**	**–**	**86**	**65**
Bus drivers	307	282	–	282	–	–	–	–	–	25	–
Laborers, except farm	**5 329**	**5 114**	**145**	**4 189**	**569**	**211**	**57**	**37**	**20**	**107**	**51**
Farmers and farm managers	**345**	**323**	**–**	**323**	**–**	**–**	**–**	**–**	**–**	**22**	**–**
Farm laborers and farm foremen	**45 161**	**43 554**	**360**	**36 099**	**5 726**	**1 369**	**440**	**356**	**84**	**701**	**466**
Paid farm laborers and farm foremen	–	–	–	–	–	–	–	–	–	–	–
Farm laborers, unpaid family workers	45 161	43 554	360	36 099	5 726	1 369	440	356	84	701	466
Service workers, except private household[3]	**30 813**	**27 403**	**696**	**23 711**	**2 359**	**637**	**460**	**355**	**105**	**1 317**	**1 633**
Cleaning service workers	2 598	1 996	106	1 680	111	99	21	21	–	141	440
Chambermaids and maids	762	578	61	473	25	19	21	21	–	58	105
Food service workers	18 796	17 611	309	15 415	1 660	227	269	180	89	457	459
Cooks, except private household	6 184	5 639	123	5 179	246	91	–	–	–	169	376
Waiters and food counter workers	9 337	8 897	143	7 504	1 173	77	168	97	71	231	41
Health service workers	2 730	2 261	41	2 022	143	55	12	12	–	160	297
Nursing aides, orderlies, and attendants	661	387	31	279	42	35	–	–	–	95	179
Practical nurses	289	208	10	131	47	20	–	–	–	19	62
Personal service workers	3 722	2 971	103	2 525	183	160	109	109	–	265	377
Hairdressers and cosmetologists	1 744	1 573	24	1 344	143	62	77	77	–	68	26
Housekeepers, except private household	573	395	24	319	–	52	–	–	–	54	124
Private household workers	**292**	**217**	**–**	**173**	**19**	**25**	**–**	**–**	**–**	**75**	**–**
Private household workers—living in	15	–	–	–	–	–	–	–	–	15	–
Private household workers—living out	277	217	–	173	19	25	–	–	–	60	–

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

Table 51. **Employed, Experienced Unemployed, Not in Labor Force, But Worked 1960 to 1970, by Detailed Occupation and Sex: 1970**

[Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Male				Female			
	Experienced civilian labor force			Not in labor force, last worked 1960 to 1970	Experienced civilian labor force			Not in labor force, last worked 1960 to 1970
	Total	Employed	Experienced unemployed		Total	Employed	Experienced unemployed	
Total, 16 years old and over	**49 536 472**	**47 730 661**	**1 805 811**	**9 308 386**	**30 534 658**	**29 074 510**	**1 460 148**	**17 461 616**
Professional, technical, and kindred workers	**6 992 250**	**6 875 878**	**116 372**	**689 190**	**4 674 716**	**4 575 990**	**98 726**	**2 003 210**
Accountants	536 900	531 518	5 382	49 214	183 717	179 845	3 872	57 945
Architects	54 948	54 194	754	4 908	2 133	2 090	43	790
Computer specialists	211 622	209 018	2 604	8 549	51 527	50 254	1 273	13 959
Computer programers	128 367	126 535	1 832	6 341	38 189	37 231	958	10 569
Computer systems analysts	71 838	71 165	673	1 708	11 609	11 313	296	2 973
Computer specialists, n.e.c	11 417	11 318	99	500	1 729	1 710	19	417
Engineers	1 236 160	1 213 071	23 089	95 465	20 775	20 077	698	4 853
Aeronautical and astronautical	70 522	67 235	3 287	2 766	1 065	974	91	608
Chemical	53 638	53 170	468	4 210	579	556	23	239
Civil	175 711	173 775	1 936	21 603	2 623	2 601	22	547
Electrical and electronic	285 237	280 429	4 808	18 980	4 948	4 812	136	836
Industrial	189 234	185 389	3 845	11 412	5 826	5 674	152	1 294
Mechanical	183 576	179 457	4 119	15 565	1 830	1 667	163	332
Metallurgical and materials	16 157	15 944	213	1 252	128	128	–	204
Mining	4 807	4 639	168	768	54	54	–	19
Petroleum	11 414	11 297	117	850	102	102	–	105
Sales	59 283	58 765	518	3 076	435	435	–	77
Engineers, n.e.c	186 581	182 971	3 610	14 983	3 185	3 074	111	592
Farm management advisors	7 323	7 323	–	647	959	944	15	387
Foresters and conservationists	40 773	38 660	2 113	9 813	1 660	1 577	83	1 094
Home management advisors	155	155	–	68	5 502	5 390	112	2 865
Lawyers and judges	264 378	263 506	872	17 028	13 317	13 182	135	4 187
Judges	12 281	12 281	–	1 547	662	662	–	987
Lawyers	252 097	251 225	872	15 481	12 655	12 520	135	3 200
Librarians, archivists, and curators	27 662	27 323	339	3 555	102 492	101 008	1 484	34 539
Librarians	22 819	22 520	299	2 957	100 325	98 892	1 433	33 954
Archivists and curators	4 843	4 803	40	598	2 167	2 116	51	585
Mathematical specialists	23 836	23 515	321	2 598	12 876	12 484	392	6 121
Actuaries	3 888	3 867	21	274	1 536	1 516	20	584
Mathematicians	6 097	5 971	126	340	1 978	1 978	–	951
Statisticians	13 851	13 677	174	1 984	9 362	8 990	372	4 586
Life and physical scientists	181 206	178 869	2 337	15 230	27 651	26 886	765	11 252
Agricultural	11 773	11 625	148	1 569	1 121	1 074	47	556
Atmospheric and space	5 379	5 269	110	795	602	602	–	163
Biological	19 111	19 028	83	1 587	10 435	10 200	235	3 966
Chemists	98 470	97 166	1 304	8 389	13 320	12 894	426	6 038
Geologists	20 182	19 811	371	1 575	761	704	57	233
Marine	3 248	3 207	41	298	156	156	–	19
Physicists and astronomers	21 992	21 712	280	978	979	979	–	254
Life and physical, n.e.c	1 051	1 051	–	39	277	277	–	23
Operations and systems researchers and analysts	73 381	71 787	1 594	3 214	7 389	6 966	423	1 562
Personnel and labor relations workers	203 711	200 950	2 761	16 298	93 491	91 242	2 249	30 000
Physicians, dentists, and related practitioners	496 415	494 779	1 636	37 974	45 038	44 417	621	13 567
Chiropractors	12 382	12 359	23	1 015	1 077	1 077	–	292
Dentists	89 974	89 800	174	7 776	2 802	2 763	39	1 502
Optometrists	16 840	16 797	43	687	710	693	17	286
Pharmacists	97 893	97 181	712	12 696	13 349	13 150	199	5 625
Physicians, medical and osteopathic	255 424	254 854	570	14 016	25 133	24 804	329	5 357
Podiatrists	5 407	5 391	16	360	565	565	–	252
Veterinarians	18 083	17 985	98	1 350	1 093	1 056	37	211
Health practitioners, n.e.c	412	412	–	74	309	309	–	42
Registered nurses, dietitians, and therapists	53 302	52 610	692	7 904	913 283	899 102	14 181	392 159
Dietitians	3 223	3 039	184	758	38 096	37 186	910	16 160
Registered nurses	22 219	21 983	236	4 713	825 963	813 814	12 149	356 979
Therapists	27 860	27 588	272	2 433	49 224	48 102	1 122	19 020
Health technologists and technicians	79 934	79 189	745	12 137	185 347	182 173	3 174	73 669
Clinical laboratory technologists and technicians	33 848	33 526	322	4 742	86 107	84 738	1 369	34 010
Dental hygienists	1 201	1 177	24	94	16 449	16 281	168	6 239
Health record technologists and technicians	692	692	–	87	10 392	10 254	138	3 588
Radiologic technologists and technicians	16 902	16 777	125	1 277	36 609	35 789	820	15 545
Therapy assistants	881	862	19	102	2 026	2 004	22	1 069
Health technologists and technicians, n.e.c	26 410	26 155	255	5 835	33 764	33 107	657	13 218
Religious workers	232 262	231 270	992	21 766	26 166	25 709	457	10 314
Clergymen	216 540	215 689	851	19 013	6 438	6 295	143	2 219
Religious workers, n.e.c	15 722	15 581	141	2 753	19 728	19 414	314	8 095
Social scientists	90 601	89 508	1 093	6 051	20 673	20 217	456	5 922
Economists	59 604	58 709	895	4 009	7 730	7 562	168	2 477
Political scientists	698	698	–	87	247	247	–	136
Psychologists	18 373	18 258	115	818	10 300	10 130	170	2 248
Sociologists	911	911	–	18	453	453	–	130
Urban and regional planners	8 251	8 208	43	683	963	922	41	393
Social scientists, n.e.c	2 764	2 724	40	436	980	903	77	518
Social and recreation workers	113 747	111 050	2 697	40 810	162 263	157 337	4 926	99 338
Social	82 561	81 162	1 399	10 169	139 932	137 119	2 813	47 608
Recreation	31 186	29 888	1 298	30 641	22 331	20 218	2 113	51 730

Table 51. **Employed, Experienced Unemployed, Not in Labor Force, But Worked 1960 to 1970, by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Male				Female			
	Experienced civilian labor force			Not in labor force, last worked 1960 to 1970	Experienced civilian labor force			Not in labor force, last worked 1960 to 1970
	Total	Employed	Experienced unemployed		Total	Employed	Experienced unemployed	
Professional, technical, and kindred workers—Con.								
Teachers, college and university	354 671	352 429	2 242	29 845	141 741	139 278	2 463	44 691
Agriculture	4 903	4 865	38	341	254	235	19	108
Atmospheric, earth, marine, and space	4 238	4 223	15	258	544	544	-	171
Biology	15 962	15 871	91	1 494	4 436	4 353	83	1 605
Chemistry	13 600	13 522	78	1 196	1 782	1 761	21	892
Physics	13 597	13 542	55	1 097	615	615	-	247
Engineering	16 141	15 985	156	1 498	1 033	998	35	294
Mathematics	20 964	20 757	207	1 797	4 677	4 641	36	1 673
Health specialties	14 817	14 767	50	662	13 361	13 202	159	3 198
Psychology	9 074	9 002	72	472	3 834	3 747	87	1 156
Business and commerce	9 489	9 473	16	578	4 426	4 365	61	1 402
Economics	9 304	9 257	47	586	879	842	37	243
History	14 032	13 966	66	1 052	3 060	2 959	101	894
Sociology	5 214	5 190	24	446	1 704	1 661	43	481
Social science teachers, n.e.c	10 069	9 973	96	1 034	2 663	2 641	22	603
Art, drama, and music	19 992	19 859	133	966	10 662	10 526	136	3 357
Coaches and physical education	12 600	12 516	84	1 012	4 423	4 380	43	1 405
Education	5 343	5 343	-	340	2 209	2 187	22	311
English	22 928	22 791	137	1 691	16 484	16 017	467	5 288
Foreign language	11 310	11 186	124	1 136	9 946	9 739	207	3 429
Home economics	329	329	-	19	3 956	3 956	-	1 408
Law	2 808	2 808	-	292	197	197	-	94
Theology	4 308	4 289	19	322	381	792	89	249
Trade, industrial, and technical	2 744	2 725	19	231	689	663	26	204
Miscellaneous teachers, college and university	14 096	14 096	-	1 056	5 297	5 256	41	1 481
Teachers, college and university, subject not specified	96 809	96 094	715	10 269	43 729	43 001	728	14 498
Teachers, except college and university	819 243	813 269	5 974	54 890	1 966 540	1 936 646	29 894	854 337
Adult education	27 535	26 967	568	2 733	24 100	23 355	745	11 064
Elementary school	232 849	231 024	1 825	17 654	1 214 743	1 197 807	16 936	546 699
Public	195 846	194 452	1 394	14 538	996 759	982 369	14 390	456 499
Private	37 003	36 572	431	3 116	217 984	215 438	2 546	90 200
Prekindergarten and kindergarten	2 340	2 246	94	877	125 884	122 792	3 092	55 264
Public	1 236	1 157	79	540	56 335	54 981	1 354	24 310
Private	1 104	1 089	15	337	69 549	67 811	1 738	30 954
Secondary school	510 768	507 957	2 811	27 567	492 822	485 591	7 231	201 025
Public	435 605	433 329	2 276	23 217	408 310	402 153	6 157	174 318
Private	75 163	74 628	535	4 350	84 512	83 438	1 074	26 707
Teachers, except college and university, n.e.c	45 751	45 075	676	6 059	108 991	107 101	1 890	40 285
Engineering and science technicians	750 138	731 409	18 729	80 743	92 885	88 305	4 580	42 120
Agriculture and biological technicians, except health	22 493	21 985	508	3 840	10 960	10 232	728	5 533
Chemical technicians	51 553	50 819	734	5 798	8 882	8 518	364	3 856
Draftsmen	276 182	268 562	7 620	29 386	24 428	23 267	1 161	11 185
Electrical and electronic engineering	154 746	150 934	3 812	8 704	9 679	9 124	555	2 726
Industrial engineering	19 193	18 712	481	1 352	2 812	2 691	121	960
Mechanical engineering	13 461	13 133	328	821	437	394	43	164
Mathematical	702	578	124	22	36	36	-	59
Surveyors	58 714	56 779	1 935	11 529	2 070	1 767	303	2 436
Engineering and science technicians, n.e.c	153 094	149 907	3 187	19 291	33 581	32 276	1 305	15 201
Technicians, except health, and engineering and science	143 587	139 820	3 767	10 758	17 784	16 992	792	5 802
Airplane pilots	53 312	51 374	1 938	2 646	530	507	23	106
Air traffic controllers	24 429	24 144	285	1 233	1 226	1 147	79	384
Embalmers	4 798	4 759	39	675	200	158	42	98
Flight engineers	6 708	6 371	337	307	124	124	-	38
Radio operators	21 185	20 556	629	2 907	7 673	7 485	188	2 728
Tool programers, numerical control	2 507	2 467	40	78	538	439	99	95
Technicians, n.e.c	30 648	30 149	499	2 912	7 493	7 132	361	2 353
Vocational and educational counselors	59 827	59 234	593	4 119	48 384	48 000	384	11 079
Writers, artists, and entertainers	554 123	531 785	22 338	75 307	243 451	229 309	14 142	125 215
Actors	8 213	5 567	2 646	3 141	5 927	3 855	2 072	5 814
Athletes and kindred workers	37 998	36 115	1 883	15 697	14 987	14 051	936	18 078
Authors	18 069	17 322	747	2 181	7 935	7 611	324	3 328
Dancers	1 271	1 005	266	403	5 653	4 901	752	4 733
Designers	85 243	83 227	2 016	6 049	27 082	25 603	1 479	12 466
Editors and reporters	91 501	89 008	2 493	8 828	61 483	59 104	2 379	25 255
Musicians and composers	63 677	58 528	5 149	12 508	32 860	31 496	1 364	14 999
Painters and sculptors	67 917	65 934	1 983	6 310	39 559	37 459	2 100	17 587
Photographers	56 526	55 147	1 379	6 493	9 434	8 803	631	4 704
Public relations men and publicity writers	55 698	54 638	1 060	5 536	20 154	19 229	925	8 470
Radio and television announcers	20 873	20 361	512	1 702	1 423	1 344	79	887
Writers, artists, and entertainers, n.e.c	47 137	44 933	2 204	6 459	16 954	15 853	1 101	8 894
Research workers, not specified	88 583	87 263	1 320	16 327	30 089	29 016	1 073	15 519
Professional, technical, and kindred workers—allocated	293 762	282 374	11 388	63 972	257 583	247 544	10 039	139 924

Table 51. Employed, Experienced Unemployed, Not in Labor Force, But Worked 1960 to 1970, by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Male				Female			
	Experienced civilian labor force			Not in labor force, last worked 1960 to 1970	Experienced civilian labor force			Not in labor force, last worked 1960 to 1970
	Total	Employed	Experienced unemployed		Total	Employed	Experienced unemployed	
Managers and administrators, except farm	**5 394 585**	**5 325 901**	**68 684**	**627 725**	**1 083 601**	**1 061 076**	**22 525**	**426 055**
Assessors, controllers, and treasurers; local public administration	17 500	17 348	152	4 835	10 976	10 670	306	6 307
Bank officers and financial managers	260 360	258 709	1 651	23 288	55 306	54 629	677	14 500
Buyers and shippers, farm products	20 461	20 196	265	4 096	440	440	–	303
Buyers, wholesale and retail trade	127 258	125 631	1 627	12 386	53 459	52 430	1 029	22 674
Credit men	45 358	44 902	456	4 082	17 472	16 987	485	6 485
Funeral directors	33 468	33 171	297	3 393	2 460	2 438	22	703
Health administrators	47 086	46 755	331	4 183	38 166	37 706	460	9 708
Construction inspectors; public administration	18 898	18 731	167	2 807	185	185	–	143
Inspectors, except construction; public administration	77 224	76 080	1 144	10 957	5 828	5 556	272	4 884
Federal public administration and postal service	48 140	47 443	697	6 615	3 966	3 758	208	2 269
State public administration	19 436	19 114	322	2 547	1 047	1 028	19	526
Local public administration	9 648	9 523	125	1 795	815	770	45	2 089
Managers and superintendents, building	51 164	50 367	797	10 044	35 223	34 518	705	16 357
Office managers, n.e.c	130 695	129 097	1 598	13 082	88 451	86 909	1 542	23 862
Officers, pilots, and pursers; ship	25 379	23 879	1 500	7 005	504	504	–	165
Officials and administrators; public administration, n.e.c	196 471	194 645	1 826	29 027	45 417	44 661	756	21 434
Federal public administration and postal service	98 467	97 605	862	12 684	20 033	19 782	251	6 681
State public administration	41 240	40 819	421	5 226	6 087	5 963	124	2 615
Local public administration	56 764	56 221	543	11 117	19 297	18 916	381	12 138
Officials of lodges, societies, and unions	40 618	40 140	478	4 762	8 052	7 827	225	3 588
Postmasters and mail superintendents	24 027	23 964	63	5 214	10 630	10 608	22	6 330
Purchasing agents and buyers, n.e.c	142 549	140 076	2 473	13 230	22 654	22 180	474	5 906
Railroad conductors	41 072	40 701	371	11 739	431	419	12	129
Restaurant, cafeteria, and bar managers	218 053	213 572	4 481	31 933	112 126	109 189	2 937	55 513
Sales managers and department heads, retail trade	162 772	160 848	1 924	9 329	52 477	51 022	1 455	19 457
Sales managers, except retail trade	247 958	245 741	2 217	16 176	8 984	8 753	231	2 399
School administrators, college	29 887	29 726	161	2 487	8 904	8 696	208	3 972
School administrators, elementary and secondary	126 351	125 918	433	9 777	46 500	46 220	280	11 820
Managers and administrators, n.e.c., salaried	2 342 064	2 312 560	29 504	214 322	272 039	264 955	7 084	97 707
Construction	240 339	234 925	5 414	24 398	4 451	4 376	75	1 023
Durable goods manufacturing	365 504	360 483	5 021	28 085	13 108	12 655	453	2 844
Nondurable goods, incl. not specified manufacturing	257 171	254 863	2 308	24 540	16 891	16 460	431	6 000
Transportation	117 141	116 052	1 089	14 300	15 490	15 213	277	4 557
Communications, and utilities and sanitary services	91 135	90 608	527	12 338	10 943	10 739	204	3 329
Wholesale trade	215 986	214 289	1 697	17 579	10 492	10 244	248	2 892
Retail trade	576 536	569 542	6 994	45 238	88 326	85 888	2 438	32 950
Hardware, farm equipment, and building material retailing	47 755	47 283	472	4 724	1 987	1 987	–	671
General merchandise stores	75 671	74 688	983	5 796	23 055	22 335	720	7 887
Food stores	123 079	121 903	1 176	9 853	17 335	16 815	520	7 855
Motor vehicles and accessories retailing	96 774	95 607	1 167	5 168	2 591	2 566	25	571
Gasoline service stations	64 528	63 142	1 386	6 512	2 031	1 987	44	505
Apparel and accessories stores	38 658	38 247	411	2 713	18 658	17 963	695	6 942
Furniture, home furnishings, and equipment stores	36 403	36 123	280	2 606	3 433	3 380	53	952
Other retail trade	93 668	92 549	1 119	7 866	19 236	18 855	381	7 567
Finance, insurance, and real estate	132 300	131 286	1 014	10 533	22 527	22 314	213	5 769
Business and repair services	112 092	110 569	1 523	6 906	14 564	14 093	471	4 612
Personal services	61 495	60 359	1 136	11 085	31 856	30 746	1 110	19 133
All other industries[1]	172 365	169 584	2 781	19 320	43 391	42 227	1 164	14 598
Managers and administrators, n.e.c., self-employed	772 212	763 095	9 117	131 095	142 507	140 782	1 725	60 326
Construction	140 640	137 494	3 146	23 420	2 059	2 020	39	1 048
Durable goods manufacturing	36 618	35 945	673	6 132	2 181	2 157	24	705
Nondurable goods, incl. not specified manufacturing	24 814	24 580	234	4 504	4 086	4 030	56	1 783
Transportation	18 563	18 367	196	2 539	2 173	2 173	–	572
Communications, and utilities and sanitary services	2 031	2 031	–	273	169	169	–	21
Wholesale trade	52 585	52 088	497	7 984	4 134	4 005	129	1 340
Retail trade	349 368	346 644	2 724	57 351	86 916	85 837	1 079	34 711
Hardware, farm equipment, and building material retailing	27 055	26 868	187	3 648	2 278	2 231	47	897
General merchandise stores	16 096	15 934	162	3 419	8 027	7 951	76	3 236
Food stores	85 244	84 545	699	21 859	31 845	31 495	350	14 930
Motor vehicles and accessories retailing	23 847	23 643	204	2 418	1 106	1 106	–	329
Gasoline service stations	97 547	96 902	645	10 316	3 463	3 406	57	1 203
Apparel and accessories stores	14 581	14 445	136	2 634	9 810	9 634	176	4 008
Furniture, home furnishings, and equipment stores	23 613	23 448	165	2 988	3 983	3 937	46	1 100
Other retail trade	61 385	60 859	526	10 069	26 404	26 077	327	9 008
Finance, insurance, and real estate	20 478	20 393	85	3 541	2 425	2 425	–	1 393
Business and repair services	46 153	45 851	302	4 928	5 616	5 577	39	1 708
Personal services	47 770	47 114	656	13 342	25 489	25 192	297	13 851
All other industries[1]	33 192	32 588	604	7 081	7 259	7 197	62	3 194
Managers and administrators, except farm—allocated	195 700	190 049	5 651	48 476	44 410	42 792	1 618	31 383

[1]Includes transportation, communications, and other public utilities—allocated.

Table 51. **Employed, Experienced Unemployed, Not in Labor Force, But Worked 1960 to 1970, by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Male				Female			
	Experienced civilian labor force			Not in labor force, last worked 1960 to 1970	Experienced civilian labor force			Not in labor force, last worked 1960 to 1970
	Total	Employed	Experienced unemployed		Total	Employed	Experienced unemployed	
Sales workers	**3 363 507**	**3 290 269**	**73 238**	**499 018**	**2 249 259**	**2 142 509**	**106 750**	**1 733 699**
Advertising agents and salesmen	53 053	51 709	1 344	4 661	13 850	13 230	620	6 940
Auctioneers	5 001	4 966	35	1 093	277	237	40	145
Demonstrators	3 776	3 675	101	908	37 248	35 371	1 877	39 022
Hucksters and peddlers	26 303	25 341	962	8 105	98 198	94 936	3 262	74 580
Insurance agents, brokers, and underwriters	405 502	401 910	3 592	30 619	58 518	57 327	1 191	22 843
Newsboys	57 452	53 733	3 719	26 591	11 031	10 686	345	4 441
Real estate agents and brokers	179 127	176 967	2 160	27 978	86 147	84 333	1 814	34 303
Stock and bond salesmen	90 964	89 649	1 315	6 815	8 713	8 486	227	3 509
Salesmen and sales clerks, n.e.c	2 369 269	2 318 423	50 846	343 052	1 764 391	1 676 146	88 245	1 410 592
Sales representatives, manufacturing industries	383 958	378 659	5 299	32 618	37 171	35 324	1 847	23 779
Sales representatives, wholesale trade	602 925	595 690	7 235	48 254	42 858	40 891	1 967	23 781
Sales clerks, retail trade	822 662	797 474	25 188	191 089	1 540 859	1 464 718	76 141	1 257 823
General merchandise stores	164 105	157 940	6 165	43 318	694 029	655 589	38 440	615 408
Food stores	125 077	121 603	3 474	34 224	172 231	164 864	7 367	126 464
Apparel and accessories stores	131 992	127 204	4 788	34 291	285 925	272 586	13 339	225 822
Other sales clerks, retail trade	401 488	390 727	10 761	79 256	388 674	371 679	16 995	290 129
Salesmen, retail trade	406 207	397 222	8 985	49 389	60 457	58 050	2 407	37 570
Motor vehicles and accessories dealers	210 283	205 354	4 929	23 021	5 215	5 112	103	2 346
Salesmen of services and construction	153 517	149 378	4 139	21 702	83 046	77 163	5 883	67 639
Sales workers—allocated	173 060	163 896	9 164	49 196	170 886	161 757	9 129	137 324
Clerical and kindred workers	**3 736 863**	**3 632 956**	**103 907**	**722 671**	**10 515 431**	**10 149 827**	**365 604**	**5 738 990**
Bank tellers	35 294	34 834	460	7 825	220 255	216 276	3 979	105 600
Billing clerks	19 394	19 035	359	3 498	87 377	84 408	2 969	43 556
Bookkeepers	284 197	278 213	5 984	51 269	1 307 251	1 273 708	33 543	570 719
Cashiers	138 189	132 575	5 614	41 298	732 059	691 729	40 330	504 417
Clerical assistants, social welfare	339	339	–	64	970	909	61	355
Clerical supervisors, n.e.c	63 935	63 426	509	7 870	48 327	47 586	741	13 132
Collectors, bill and account	33 508	32 731	777	3 443	19 161	18 361	800	8 310
Counter clerks, except food	76 062	73 480	2 582	17 882	157 916	149 635	8 281	96 023
Dispatchers and starters, vehicle	50 057	49 109	948	5 622	11 517	10 954	563	4 305
Enumerators and interviewers	14 389	13 481	908	4 673	56 872	53 246	3 626	45 068
Estimators and investigators, n.e.c	165 760	163 496	2 264	17 186	103 462	100 139	3 323	58 359
Expediters and production controllers	160 750	156 234	4 516	14 150	46 360	44 184	2 176	13 166
File clerks	68 605	65 174	3 431	25 510	314 201	297 452	16 749	227 165
Insurance adjusters, examiners, and investigators	72 210	71 626	584	4 297	24 976	24 663	313	7 524
Library attendants and assistants	27 081	26 451	630	7 203	100 926	99 024	1 902	39 492
Mail carriers, post office	236 624	234 234	2 390	30 251	20 284	19 488	796	8 632
Mail handlers, except post office	73 155	70 572	2 583	19 896	56 625	53 237	3 388	33 595
Messengers, including telegraph, and office boys	46 823	44 226	2 597	24 850	12 358	11 351	1 007	10 357
Meter readers, utilities	32 793	32 188	605	4 566	992	971	21	516
Office machine operators	152 114	149 103	3 011	13 937	428 933	413 611	15 322	218 237
Bookkeeping and billing machine	6 925	6 731	194	965	59 863	57 812	2 051	34 224
Calculating machine	3 422	3 308	114	583	33 985	32 697	1 288	25 466
Computer and peripheral equipment	86 168	84 923	1 245	4 566	35 813	35 117	696	10 024
Duplicating machine	8 961	8 739	222	1 890	11 792	11 211	581	6 557
Keypunch	30 199	29 416	783	3 001	257 222	247 862	9 360	122 960
Tabulating machine	4 355	4 316	39	554	4 798	4 656	142	2 247
Office machine, n.e.c	12 084	11 670	414	2 378	25 460	24 256	1 204	16 759
Payroll and timekeeping clerks	49 696	48 231	1 465	10 689	111 088	107 484	3 604	46 789
Postal clerks	208 525	205 259	3 266	30 340	91 258	88 298	2 960	38 683
Proofreaders	7 777	7 627	150	1 815	22 025	20 981	1 044	12 607
Real estate appraisers	21 845	21 550	295	2 740	969	925	44	402
Receptionists	17 070	16 613	457	4 873	302 354	288 964	13 390	191 403
Secretaries	63 295	62 487	808	14 475	2 707 131	2 642 576	64 555	1 379 295
Secretaries, legal	1 331	1 289	42	174	86 369	84 734	1 635	33 861
Secretaries, medical	804	804	–	146	69 925	68 605	1 320	31 384
Shipping and receiving clerks	367 431	353 729	13 702	58 073	62 317	58 814	3 503	26 885
Statistical clerks	88 706	86 878	1 828	15 290	162 612	158 040	4 572	69 868
Stenographers	8 606	8 549	57	780	122 952	119 990	2 962	65 778
Stock clerks and storekeepers	365 859	351 589	14 270	78 955	108 740	101 520	7 220	69 280
Teacher aides, except school monitors	14 082	13 530	552	6 112	120 938	117 012	3 926	56 928
Telegraph operators	9 516	9 322	194	3 625	3 845	3 662	183	2 661
Telephone operators	23 729	23 175	554	5 450	405 078	391 641	13 437	239 331
Ticket, station, and express agents	63 799	62 714	1 085	10 079	37 036	36 121	915	14 719
Typists	59 468	57 220	2 248	14 025	961 857	922 777	39 080	604 006
Weighers	28 674	27 405	1 269	7 066	12 569	11 249	1 320	9 445

Table 51. **Employed, Experienced Unemployed, Not in Labor Force, But Worked 1960 to 1970, by Detailed Occupation and Sex: 1970**—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text)

United States

	Male				Female			
	Experienced civilian labor force			Not in labor force, last worked 1960 to 1970	Experienced civilian labor force			Not in labor force, last worked 1960 to 1970
	Total	Employed	Experienced unemployed		Total	Employed	Experienced unemployed	
Clerical and kindred workers—Continued								
Miscellaneous and not specified clerical workers	373 773	363 741	10 032	81 710	962 335	927 350	34 985	506 670
Occupation:								
Miscellaneous clerical workers	170 658	166 533	4 125	29 248	314 063	302 791	11 272	157 312
Not specified clerical workers	203 115	197 208	5 907	52 462	648 272	624 559	23 713	349 358
Industry:								
Manufacturing	89 847	88 004	1 843	14 364	134 788	129 176	5 612	65 248
Transportation, communications, and other public utilities	61 132	60 052	1 080	12 304	106 716	104 412	2 304	53 287
Wholesale and retail trade	63 628	61 618	2 010	14 135	197 268	187 487	9 781	124 471
Finance, insurance, and real estate	40 004	38 678	1 326	9 704	148 910	144 897	4 013	69 658
Professional and related services	36 840	35 697	1 143	9 298	167 092	161 971	5 121	72 888
Public administration	47 342	46 293	1 049	11 603	118 654	115 678	2 976	57 028
All other industries	34 980	33 399	1 581	10 302	88 907	83 729	5 178	64 090
Clerical and kindred workers—allocated	213 733	202 810	10 923	71 284	569 505	541 491	28 014	395 712
Craftsmen and kindred workers	**10 558 346**	**10 121 156**	**437 190**	**1 741 065**	**547 761**	**517 648**	**30 113**	**256 752**
Automobile accessories installers	6 765	6 553	212	797	361	328	33	137
Bakers	79 421	76 980	2 441	16 455	33 228	32 092	1 136	15 480
Cabinetmakers	65 889	63 462	2 427	12 975	3 589	3 301	288	1 831
Carpet installers	46 460	44 307	2 153	3 737	773	735	38	236
Construction craftsmen	2 988 661	2 775 379	213 282	578 915	51 375	47 096	4 279	21 972
Brickmasons and stonemasons	179 257	163 188	16 069	31 171	2 313	2 054	259	577
Brickmasons and stonemasons, apprentices	3 980	3 833	147	757	168	168	–	39
Bulldozer operators	96 618	87 425	9 193	16 140	1 364	1 245	119	411
Carpenters	916 005	841 024	74 981	217 719	12 118	11 110	1 008	4 687
Carpenter apprentices	9 797	8 444	1 353	2 163	172	124	48	–
Cement and concrete finishers	77 184	67 416	9 768	14 089	1 236	1 078	158	262
Electricians	486 854	472 332	14 522	54 230	8 985	8 283	702	2 942
Electrician apprentices	21 996	21 002	994	1 845	229	229	–	79
Excavating, grading, and road machine operators; except bulldozer	248 995	225 192	23 803	34 189	2 718	2 360	358	533
Floor layers, except tile setters	22 430	20 869	1 561	3 758	408	355	53	300
Painters, construction and maintenance	348 214	317 476	30 738	114 860	13 987	12 716	1 271	9 869
Painter apprentices	1 744	1 488	256	780	16	16	–	59
Paperhangers	9 693	9 293	400	2 958	1 084	1 084	–	872
Plasterers	30 927	28 814	2 113	6 584	509	491	18	136
Plasterer apprentices	622	602	20	96	60	60	–	17
Plumbers and pipe fitters	397 030	380 311	16 719	54 929	4 142	4 048	94	878
Plumber and pipe fitter apprentices	15 277	14 405	872	1 205	159	159	–	52
Roofers and slaters	63 640	57 585	6 055	12 588	994	938	56	223
Structural metal craftsmen	78 548	73 407	5 141	10 919	1 060	913	147	92
Tile setters	33 266	31 047	2 219	4 781	457	421	36	190
Cranemen, derrickmen, and hoistmen	158 669	151 779	6 890	23 319	2 151	1 931	220	697
Decorators and window dressers	30 717	29 777	940	4 462	43 287	41 851	1 436	24 492
Dental laboratory technicians	21 021	20 603	418	1 567	6 355	6 207	148	2 960
Electric power linemen and cablemen	102 643	101 007	1 636	8 796	1 244	1 207	37	302
Engravers, except photoengravers	6 254	6 016	238	1 064	2 558	2 416	142	1 579
Foremen, n.e.c	1 468 320	1 444 526	23 794	176 120	130 586	126 344	4 242	40 714
Construction	158 720	151 960	6 760	20 725	1 496	1 416	80	310
Manufacturing	850 163	839 034	11 129	91 986	80 992	77 838	3 154	24 412
Metal industries	142 379	140 802	1 577	17 474	3 439	3 301	138	952
Machinery, except electrical	88 018	87 132	886	8 575	2 463	2 433	30	599
Electrical machinery, equipment, and supplies	75 138	74 385	753	5 495	9 493	9 045	448	2 268
Transportation equipment	106 950	105 185	1 765	12 259	2 187	2 111	76	570
Other durable goods	127 151	124 848	2 303	13 457	10 083	9 583	500	3 122
Food and kindred products	61 431	60 460	971	7 683	6 293	5 470	823	3 452
Textiles, textile products, and apparel	64 800	63 711	1 089	6 422	31 358	30 592	766	8 318
Other nondurable goods, including not specified manufacturing	184 296	182 511	1 785	20 621	15 676	15 303	373	5 131
Transportation	69 703	68 571	1 132	14 016	1 562	1 525	37	363
Communications, and utilities and sanitary services	78 871	78 557	314	12 874	4 505	4 505	–	1 602
Wholesale and retail trade	155 353	153 529	1 824	14 289	22 048	21 525	523	6 914
All other industries[1]	155 510	152 875	2 635	22 230	19 983	19 535	448	7 113
Furniture and wood finishers	18 683	18 154	529	3 833	4 129	3 701	428	1 935
Furriers	2 650	2 245	405	755	563	482	81	416
Glaziers	25 130	24 330	800	2 417	994	935	59	300
Inspectors, scalers, and graders; log and lumber	16 843	15 945	898	3 989	2 221	1 999	222	975
Inspectors, n.e.c	110 276	108 199	2 077	22 008	9 352	8 408	944	6 202
Construction	22 869	22 250	619	4 176	189	189	–	139
Railroads and railway express service	24 081	23 888	193	7 425	224	224	–	73

[1]Includes transportation, communications, and other public utilities—allocated.

Table 51. **Employed, Experienced Unemployed, Not in Labor Force, But Worked 1960 to 1970, by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Male				Female			
	Experienced civilian labor force			Not in labor force, last worked 1960 to 1970	Experienced civilian labor force			Not in labor force, last worked 1960 to 1970
	Total	Employed	Experienced unemployed		Total	Employed	Experienced unemployed	
Craftsmen and kindred workers—Continued								
Jewelers and watchmakers	33 148	32 709	439	4 937	4 399	4 014	385	2 571
Locomotive engineers	50 374	49 838	536	16 570	456	456	–	347
Locomotive firemen	13 089	12 672	417	2 424	228	228	–	38
Mechanics and repairmen	2 465 759	2 409 844	55 915	266 994	52 112	49 170	2 942	15 461
Air conditioning, heating, and refrigeration	120 898	117 717	3 181	11 776	1 130	1 074	56	444
Aircraft	145 388	140 155	5 233	11 031	4 872	4 304	568	1 479
Automobile body repairmen	109 860	107 138	2 722	8 123	1 075	1 055	20	80
Automobile mechanics	821 822	802 556	19 266	87 847	11 713	11 288	425	2 660
Automobile mechanic apprentices	3 337	3 129	208	552	62	62	–	–
Data processing machine repairmen	31 473	31 198	275	519	788	735	53	94
Farm implement	32 779	32 324	455	4 051	355	355	–	91
Heavy equipment mechanics, including diesel	580 098	567 987	12 111	63 737	11 271	10 884	387	3 187
Household appliance and accessory installers and mechanics	122 884	120 506	2 378	14 136	2 733	2 622	111	684
Loom fixers	21 279	20 884	395	3 304	265	265	–	102
Office machine	40 538	40 048	490	2 905	876	876	–	237
Radio and television	138 147	135 309	2 838	13 422	5 694	5 355	339	2 020
Railroad and car shop	54 977	54 226	751	15 641	486	486	–	188
Mechanics, except auto, apprentices	7 126	6 914	212	484	384	338	46	76
Miscellaneous mechanics and repairmen, including mechanics, except auto, apprentices	174 690	170 825	3 865	20 336	8 390	7 475	915	3 485
Manufacturing	50 260	49 276	984	4 482	3 658	3 185	473	1 846
Not specified mechanics and repairmen	70 926	68 971	1 955	10 166	2 464	2 396	68	710
Manufacturing	26 357	25 659	698	3 119	1 453	1 415	38	419
Metal craftsmen, except mechanics	1 101 999	1 068 311	33 688	154 574	35 728	33 079	2 649	13 760
Blacksmiths	10 340	10 105	235	4 170	346	346	–	129
Boilermakers	31 283	29 830	1 453	5 786	420	420	–	19
Forgemen and hammermen	15 525	14 837	688	2 042	859	834	25	261
Heat treaters, annealers, and temperers	21 647	20 981	666	3 906	475	415	60	367
Job and die setters, metal	84 277	82 162	2 115	8 609	2 209	2 101	108	605
Machinists	377 973	367 542	10 431	54 576	12 393	11 560	833	5 052
Machinist apprentices	9 753	9 524	229	562	266	249	17	57
Millwrights	81 030	78 419	2 611	10 875	1 014	975	39	138
Molders, metal	48 011	46 499	1 512	7 744	6 638	6 057	581	3 166
Molder apprentices	658	630	28	15	16	16	–	13
Pattern and model makers, except paper	37 871	36 737	1 134	4 835	1 910	1 817	93	836
Rollers and finishers, metal	19 518	18 999	519	4 174	1 436	1 385	51	552
Sheetmetal workers and tinsmiths	160 407	152 842	7 565	18 626	3 749	3 231	518	1 228
Sheetmetal apprentices	5 710	5 461	249	240	44	44	–	–
Shipfitters	10 462	9 914	548	1 758	196	196	–	42
Tool and die makers	203 655	199 444	4 211	27 473	4 083	3 742	341	1 365
Tool and die maker apprentices	9 409	9 301	108	351	56	56	–	24
Millers; grain, flour, and feed	7 371	7 230	141	1 180	283	283	–	45
Motion picture projectionists	15 303	14 913	390	3 177	599	489	110	347
Opticians, and lens grinders and polishers	21 992	21 615	377	1 640	6 532	6 229	303	2 694
Piano and organ tuners and repairmen	6 732	6 584	148	872	279	266	13	182
Power station operators	17 707	17 574	133	3 131	721	704	17	163
Printing craftsmen	338 851	333 117	5 734	37 523	61 472	57 860	3 612	31 727
Bookbinders	15 438	15 002	436	1 952	20 040	18 594	1 446	13 190
Compositors and typesetters	138 178	136 139	2 039	17 876	23 118	22 029	1 089	10 859
Printing trades apprentices, except pressmen	6 172	5 774	398	665	333	295	38	349
Electrotypers and stereotypers	6 621	6 577	44	1 298	379	359	20	125
Photoengravers and lithographers	30 230	29 659	571	2 609	4 451	4 293	158	1 580
Pressmen and plate printers, printing	148 384	145 740	2 644	13 788	13 484	12 585	899	5 973
Pressman apprentices	2 894	2 791	103	197	58	58	–	63
Shoe repairmen	24 778	24 324	454	7 048	6 249	5 643	606	3 884
Sign painters and letterers	17 897	17 480	417	3 879	1 810	1 655	155	957
Stationary engineers	174 115	171 675	2 440	32 415	2 908	2 794	114	1 014
Stone cutters and stone carvers	6 258	5 910	348	1 242	532	511	21	205
Tailors	49 582	47 578	2 004	10 943	23 475	22 030	1 445	13 763
Telephone installers and repairmen	232 493	230 769	1 724	16 533	8 120	8 064	56	2 953
Telephone linemen and splicers	52 402	51 660	742	3 642	671	671	–	224
Upholsterers	52 625	50 874	1 751	7 528	10 553	9 893	660	4 369
Craftsmen and kindred workers, n.e.c	81 327	77 150	4 177	15 115	8 208	7 669	539	3 781
Former members of the Armed Forces	35 913	346	35 567	125 489	1 526	63	1 463	18 045
Craftsmen and kindred workers—allocated	610 229	579 721	30 508	163 000	28 134	26 844	1 290	19 994

Table 51. Employed, Experienced Unemployed, Not in Labor Force, But Worked 1960 to 1970, by Detailed Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Male				Female			
	Experienced civilian labor force			Not in labor force, last worked 1960 to 1970	Experienced civilian labor force			Not in labor force, last worked 1960 to 1970
	Total	Employed	Experienced unemployed		Total	Employed	Experienced unemployed	
Operatives, except transport	**6 829 828**	**6 480 089**	**349 739**	**1 264 487**	**4 430 853**	**4 035 745**	**395 108**	**2 650 826**
Asbestos and insulation workers	25 385	23 883	1 502	3 406	580	472	108	240
Assemblers	521 142	484 066	37 076	83 903	521 347	459 134	62 213	291 234
Blasters and powdermen	7 771	7 136	635	2 430	365	305	60	158
Bottling and canning operatives	32 967	30 824	2 143	11 363	22 014	16 082	5 932	28 085
Chainmen, rodmen, and axmen; surveying	12 270	11 081	1 189	5 936	180	150	30	161
Checkers, examiners, and inspectors; manufacturing	374 353	360 105	14 248	49 735	360 025	332 638	27 387	178 245
Clothing ironers and pressers	50 128	46 448	3 680	10 475	146 430	136 772	9 658	91 112
Cutting operatives, n.e.c	133 113	126 863	6 250	23 522	49 400	44 079	5 321	32 283
Dressmakers and seamstresses, except factory	4 447	4 194	253	1 464	96 826	92 354	4 472	65 003
Drillers, earth	58 443	54 019	4 424	10 727	4 085	3 629	456	2 339
Dry wall installers and lathers	48 835	45 340	3 495	4 247	492	450	42	368
Dyers	22 584	21 851	733	3 071	2 061	1 910	151	913
Garage workers and gas station attendants	438 497	408 247	30 250	114 973	12 699	11 947	752	5 380
Graders and sorters, manufacturing	14 208	13 343	865	4 941	30 346	24 113	6 233	37 469
Produce graders and packers, except factory and farm	8 100	7 202	898	4 760	25 009	20 207	4 802	33 176
Laundry and drycleaning operatives, n.e.c	64 807	62 080	2 727	16 194	111 909	105 146	6 763	75 881
Meat cutters and butchers, except manufacturing	196 259	192 588	3 671	26 599	11 846	11 186	660	6 761
Meat cutters and butchers, manufacturing	50 798	49 025	1 773	8 071	19 474	17 538	1 936	12 158
Meat wrappers, retail trade	3 113	3 008	105	568	44 248	42 340	1 908	22 944
Metalworking operatives, except precision machine	881 168	838 801	42 367	119 055	173 257	152 407	20 850	95 644
Filers, polishers, sanders, and buffers	98 401	92 884	5 517	20 190	25 655	22 779	2 876	14 410
Furnacemen, smeltermen, and pourers	62 963	60 839	2 124	11 228	2 747	2 486	261	894
Heaters, metal	7 100	6 880	220	1 917	200	200	-	198
Metal platers	30 694	29 167	1 527	3 612	3 081	2 762	319	1 323
Punch and stamping press operatives	122 420	114 990	7 430	19 937	56 574	49 307	7 267	29 935
Riveters and fasteners	15 574	14 332	1 242	3 088	13 159	11 051	2 108	8 835
Solderers	7 179	6 788	391	1 784	37 620	32 789	4 831	23 998
Welders and flame-cutters	536 837	512 921	23 916	57 299	34 221	31 033	3 188	16 051
Milliners	216	216	-	78	2 127	1 838	289	1 431
Mine operatives, n.e.c	161 662	152 752	8 910	45 131	4 869	4 531	338	3 059
Coal mining	48 749	46 977	1 772	19 681	719	681	38	351
Crude petroleum and natural gas extractions	68 663	63 503	5 160	15 430	3 490	3 244	246	2 445
Mining and quarrying, except fuel	44 250	42 272	1 978	10 020	660	606	54	263
Mixing operatives	68 812	65 917	2 895	9 879	3 042	2 616	426	1 319
Oilers and greasers, except auto	47 467	43 981	3 486	9 478	1 830	1 710	120	976
Packers and wrappers, except meat and produce	211 060	197 443	13 617	55 995	351 976	313 356	38 620	263 980
Painters, manufactured articles	104 235	99 041	5 194	15 715	18 932	16 766	2 166	10 922
Photographic process workers	35 577	33 587	1 990	5 443	31 342	28 714	2 628	19 766
Precision machine operatives	393 198	376 508	16 690	53 622	42 419	38 300	4 119	19 694
Drill press operatives	59 112	55 770	3 342	10 497	17 394	15 282	2 112	9 719
Grinding machine operatives	131 122	125 189	5 933	17 092	8 551	8 048	503	3 412
Lathe and milling machine operatives	136 781	131 611	5 170	17 564	8 046	7 347	699	3 225
Precision machine operatives, n.e.c.	66 183	63 938	2 245	8 469	8 428	7 623	805	3 338
Sailors and deckhands	30 127	25 408	4 719	10 947	494	454	40	369
Sawyers	99 308	92 772	6 536	20 898	8 982	7 974	1 008	4 305
Sewers and stitchers	57 972	53 653	4 319	15 207	883 678	816 441	67 237	492 546
Shoemaking machine operatives	24 804	23 403	1 401	5 196	40 553	37 228	3 325	23 636
Stationary firemen	92 409	90 106	2 303	21 177	9 120	8 635	485	4 734
Textile operatives	203 315	196 408	6 907	35 339	248 095	232 985	15 110	115 747
Carding, lapping, and combing operatives	15 330	14 874	456	2 917	5 422	5 189	233	2 053
Knitters, loopers, and toppers	11 604	10 877	727	1 463	19 279	17 536	1 743	12 427
Spinners, twisters, and winders	57 986	56 172	1 814	9 810	105 758	99 536	6 222	46 961
Weavers	23 366	22 718	648	5 363	26 972	26 040	932	12 217
Textile operatives, n.e.c	95 029	91 767	3 262	15 786	90 664	84 684	5 980	42 089
Winding operatives, n.e.c	30 295	29 542	753	3 219	33 375	30 955	2 420	17 866
Miscellaneous and not specified operatives	1 889 492	1 804 458	85 034	318 574	799 884	719 735	80 149	469 920
Occupation:								
Machine operatives, miscellaneous specified	770 656	738 305	32 351	122 332	326 431	290 945	35 486	193 084
Machine operatives, not specified	425 248	407 172	18 076	57 353	164 476	150 621	13 855	81 323
Miscellaneous operatives	468 817	444 699	24 118	95 459	210 147	187 870	22 277	140 938
Not specified operatives	224 771	214 282	10 489	43 430	98 830	90 299	8 531	54 575
Industry:								
Manufacturing	1 581 553	1 512 637	68 916	247 892	705 479	634 569	70 910	404 252
Durable goods	921 213	875 923	45 290	139 750	341 057	308 865	32 192	163 610
Lumber and wood products, except furniture	65 464	61 105	4 359	14 170	12 004	10 449	1 555	5 825
Furniture and fixtures	36 937	35 270	1 667	6 123	15 496	13 861	1 635	6 518
Stone, clay, and glass products	85 054	81 099	3 955	13 082	20 105	18 314	1 791	9 559
Glass and glass products	29 841	28 634	1 207	3 562	7 838	7 047	791	3 783
Cement, concrete, gypsum, and plaster products	20 560	19 358	1 202	3 671	762	645	117	201
Other stone, clay, and glass products	34 653	33 107	1 546	5 849	11 505	10 622	883	5 575

Table 51. **Employed, Experienced Unemployed, Not in Labor Force, But Worked 1960 to 1970, by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Male				Female			
	Experienced civilian labor force			Not in labor force, last worked 1960 to 1970	Experienced civilian labor force			Not in labor force, last worked 1960 to 1970
	Total	Employed	Experienced unemployed		Total	Employed	Experienced unemployed	
Operatives, except transport—Continued								
Miscellaneous and not specified operatives—Continued								
Industry—Continued								
Manufacturing—Continued								
Durable goods—Continued								
Primary metal industries	167 895	161 760	6 135	27 782	12 787	11 548	1 239	6 303
Blast furnaces, steel works, and rolling and finishing mills	60 704	58 915	1 789	12 543	1 367	1 212	155	620
Other primary iron and steel industries	48 208	46 265	1 943	8 020	3 339	3 069	270	1 295
Primary nonferrous industries	58 983	56 580	2 403	7 219	8 081	7 267	814	4 388
Fabricated metal industries, including not specified metal	110 411	104 673	5 738	15 909	33 297	29 934	3 363	15 013
Cutlery, hand tools, and other hardware	10 505	10 086	419	1 363	6 321	5 787	534	2 721
Fabricated structural metal products	28 791	27 089	1 702	4 500	3 340	2 830	510	1 582
Screw machine products, & metal stamping	19 192	17 964	1 228	2 270	8 449	7 507	942	3 650
Miscellaneous fabricated metal products and not specified metal	51 923	49 534	2 389	7 776	15 187	13 810	1 377	7 060
Machinery, except electrical	132 191	126 911	5 280	18 089	25 391	23 373	2 018	10 923
Farm machinery and equipment	11 271	10 631	640	1 605	1 041	946	95	591
Construction & material handling machines	18 572	18 136	436	2 111	830	807	23	262
Metalworking machinery	24 676	23 688	988	3 673	4 421	4 017	404	1 878
Office and accounting machines, and electronic computing equipment	9 017	8 710	307	861	6 298	5 759	539	2 832
Other machinery, except electrical	68 655	65 746	2 909	9 839	12 801	11 844	957	5 360
Electrical machinery, equipment, and supplies	94 099	91 222	2 877	10 479	115 359	107 332	8 027	50 455
Household appliances	12 904	12 700	204	1 920	5 943	5 522	421	2 888
Radio, T.V., and communication equipment	20 985	20 279	706	1 869	32 256	29 907	2 349	13 032
Electrical machinery, equipment, and supplies, n.e.c	54 081	52 309	1 772	5 649	68 991	64 495	4 496	29 435
Not specified electrical machinery, equipment, and supplies	6 129	5 934	195	1 041	8 169	7 408	761	5 100
Transportation equipment	141 112	130 507	10 605	19 307	26 870	23 285	3 585	11 988
Motor vehicles & motor vehicle equipment	78 897	73 391	5 506	11 731	15 679	13 592	2 087	7 091
Aircraft and parts	37 546	34 425	3 121	3 264	7 790	6 818	972	2 955
Other transportation equipment	24 669	22 691	1 978	4 312	3 401	2 875	526	1 942
Professional and photographic equipment, and watches	20 428	20 071	357	2 704	20 218	18 736	1 482	8 477
Professional equipment and supplies	12 705	12 465	240	1 572	14 407	13 455	952	5 608
Ordnance	16 643	15 037	1 606	2 274	8 841	7 022	1 819	3 493
Miscellaneous manufacturing industries	46 731	44 153	2 578	9 330	49 339	43 762	5 577	34 542
Durable goods—allocated	4 248	4 115	133	501	1 350	1 249	101	514
Nondurable goods	648 104	625 071	23 033	104 973	357 421	319 382	38 039	235 525
Food and kindred products	143 189	135 578	7 611	32 671	76 962	64 153	12 809	77 291
Meat products	30 771	29 307	1 464	5 898	17 397	15 433	1 964	12 308
Dairy products	22 185	21 590	595	3 726	2 262	2 106	156	1 730
Canning and preserving fruits, vegetables, and seafoods	18 196	15 593	2 603	8 492	30 350	22 110	8 240	46 169
Bakery products	12 518	11 832	686	2 525	7 225	6 802	423	3 803
Beverage industries	12 580	12 334	246	2 956	2 064	1 872	192	1 120
Other food and kindred products	46 939	44 922	2 017	9 074	17 664	15 830	1 834	12 161
Tobacco manufactures	9 368	9 168	200	1 909	10 965	9 225	1 740	7 395
Apparel and other fabricated textile products	23 764	22 312	1 452	4 838	72 851	66 875	5 976	40 004
Apparel and accessories	17 486	16 387	1 099	3 537	60 911	56 083	4 828	32 217
Miscellaneous fabricated textile products	6 278	5 925	353	1 301	11 940	10 792	1 148	7 787
Paper and allied products	138 950	135 537	3 413	19 280	43 196	40 087	3 109	23 809
Pulp, paper, and paperboard mills	75 087	73 832	1 255	10 588	8 096	7 632	464	3 878
Miscellaneous paper and pulp products	22 113	21 429	684	2 462	17 124	15 811	1 313	9 853
Paperboard containers and boxes	41 750	40 276	1 474	6 230	17 976	16 644	1 332	10 078
Printing, publishing, and allied industries	44 170	42 967	1 203	6 816	37 081	34 300	2 781	21 195
Printing, publishing, and allied industries, except newspapers	36 092	35 176	916	5 234	34 061	31 440	2 621	19 909
Chemicals and allied products	125 530	123 031	2 499	13 002	25 832	23 800	2 032	12 127
Industrial chemicals	40 411	39 876	535	2 952	2 026	1 841	185	574
Synthetic fibers	7 368	7 197	171	539	1 841	1 691	150	599
Soaps and cosmetics	6 869	6 613	256	1 056	6 105	5 623	482	2 962
Other chemicals and allied products	70 882	69 345	1 537	8 455	15 860	14 645	1 215	7 992
Petroleum and coal products	28 357	27 926	431	4 647	633	580	53	392
Rubber and miscellaneous plastic products	111 997	107 237	4 760	16 919	60 586	53 875	6 711	35 669
Rubber products	71 719	69 016	2 703	10 891	19 963	17 853	2 110	9 295
Miscellaneous plastic products	40 278	38 221	2 057	6 028	40 623	36 022	4 601	26 374
Leather and leather products	19 656	18 433	1 223	4 346	27 320	24 625	2 695	16 429
Tanned, curried, and finished leather	8 462	8 015	447	1 855	2 043	1 946	97	963
Footwear, except rubber	5 754	5 455	299	1 220	14 716	13 434	1 282	8 651
Leather products, except footwear	5 440	4 963	477	1 271	10 561	9 245	1 316	6 815
Nondurable goods—allocated	3 123	2 882	241	545	1 995	1 862	133	1 214
Not specified manufacturing industries	12 236	11 643	593	3 169	7 001	6 322	679	5 117

Table 51. **Employed, Experienced Unemployed, Not in Labor Force, But Worked 1960 to 1970, by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Male				Female			
	Experienced civilian labor force			Not in labor force, last worked 1960 to 1970	Experienced civilian labor force			Not in labor force, last worked 1960 to 1970
	Total	Employed	Experienced unemployed		Total	Employed	Experienced unemployed	
Operatives, except transport—Continued								
Miscellaneous and not specified operatives—Continued								
Industry—Continued								
Nonmanufacturing industries	307 939	291 821	16 118	70 682	94 405	85 166	9 239	65 668
Construction	37 316	33 410	3 906	7 713	1 186	1 045	141	489
Railroads and railway express service	13 420	13 045	375	5 370	393	373	20	99
Transportation, except railroads	24 666	23 866	800	3 893	1 898	1 480	418	1 765
Communications, and utilities and sanitary services	24 853	24 502	351	4 049	1 587	1 524	63	920
Wholesale trade	58 329	54 961	3 368	13 295	25 189	21 597	3 592	19 347
Retail trade	46 005	43 805	2 200	11 532	23 219	21 092	2 127	17 648
Business and repair services	46 164	44 209	1 955	7 719	8 436	7 633	803	5 295
Public administration	19 232	18 654	578	3 379	3 623	3 268	355	1 875
All other industries[1]	37 954	35 369	2 585	13 732	28 874	27 154	1 720	18 230
Operatives, except transport—allocated	431 491	404 790	26 701	133 149	317 542	300 648	16 894	221 002
Transport equipment operatives	**2 945 804**	**2 821 034**	**124 770**	**450 137**	**138 979**	**133 898**	**5 081**	**45 897**
Boatmen and canalmen	5 098	4 768	330	1 925	436	397	39	135
Bus drivers	173 583	171 424	2 159	27 470	68 821	67 784	1 037	15 136
Conductors and motormen, urban rail transit	9 600	9 486	114	2 566	371	349	22	65
Deliverymen and routemen	612 247	591 866	20 381	99 573	20 348	19 163	1 185	12 119
Fork lift and tow motor operatives	224 459	214 062	10 397	23 474	3 967	3 699	268	826
Motormen, mine, factory, logging camp, etc	10 035	9 642	393	3 470	306	285	21	65
Parking attendants	30 161	28 710	1 451	10 868	1 003	906	97	885
Railroad brakemen	46 812	45 441	1 371	7 004	616	597	19	54
Railroad switchmen	52 098	51 109	989	7 663	987	987	-	306
Taxicab drivers and chauffeurs	149 827	144 750	5 077	31 907	9 623	9 228	395	4 535
Truck drivers	1 442 046	1 369 678	72 368	185 711	21 698	20 275	1 423	8 593
Trucking service	541 666	518 158	23 508	54 766	8 251	7 961	290	2 712
Transport equipment operatives—allocated	189 838	180 098	9 740	48 506	10 803	10 228	575	3 178
Laborers, except farm	**3 433 085**	**3 150 252**	**282 833**	**1 258 138**	**307 688**	**280 385**	**27 303**	**199 302**
Animal caretakers, except farm	32 604	31 148	1 456	9 317	15 834	14 834	1 000	8 704
Carpenters' helpers	50 155	43 081	7 074	23 469	1 184	936	248	480
Construction laborers, except carpenters' helpers	631 170	547 567	83 603	239 132	10 698	9 206	1 492	4 744
Fishermen and oystermen	28 970	25 875	3 095	13 226	1 249	1 162	87	1 260
Freight and material handlers	531 743	493 599	38 144	150 774	42 497	37 677	4 820	23 206
Garbage collectors	73 146	70 049	3 097	14 376	1 018	950	68	227
Gardeners and groundskeepers, except farm	316 056	292 415	23 641	173 209	9 739	9 090	649	8 380
Longshoremen and stevedores	49 643	46 060	3 583	14 674	866	826	40	233
Lumbermen, raftsmen, and woodchoppers	90 965	80 273	10 692	23 504	2 142	1 892	250	1 223
Stock handlers	515 954	486 283	29 671	163 221	109 915	102 108	7 807	71 918
Teamsters	7 544	6 864	680	2 037	298	260	38	392
Vehicle washers and equipment cleaners	114 763	105 663	9 100	36 552	13 941	12 395	1 546	9 139
Warehousemen, n.e.c.	108 294	104 103	4 191	22 046	4 498	4 074	424	1 719
Miscellaneous and not specified laborers	591 114	548 166	42 948	233 703	71 535	63 923	7 612	51 511
Occupation:								
Miscellaneous laborers	196 291	185 372	10 919	65 195	19 506	17 310	2 196	13 832
Not specified laborers	394 823	362 794	32 029	168 508	52 029	46 613	5 416	37 679
Industry:								
Manufacturing	300 951	278 736	22 215	93 299	42 694	37 577	5 117	28 961
Durable goods	204 628	189 462	15 166	59 006	22 744	20 155	2 589	14 159
Lumber and wood products, except furniture	22 122	19 886	2 236	7 495	1 764	1 557	207	1 134
Furniture and fixtures	5 458	5 238	220	1 924	1 542	1 347	195	832
Stone, clay, and glass products	21 418	19 427	1 991	6 061	1 327	1 238	89	1 078
Cement, concrete, gypsum, and plaster products	9 002	8 114	888	2 430	142	122	20	99
Structural clay products	4 142	3 834	308	1 481	231	208	23	190
Other stone, clay, and glass products	8 274	7 479	795	2 150	954	908	46	789
Primary metal industries	74 276	69 641	4 635	20 344	1 792	1 634	158	787
Blast furnaces, steel works, and rolling and finishing mills	43 084	40 497	2 587	12 178	655	617	38	298
Other primary iron and steel industries	20 696	19 334	1 362	5 677	485	445	40	194
Primary nonferrous industries	10 496	9 810	686	2 489	652	572	80	295
Fabricated metal industries, including not specified metal	20 844	19 250	1 594	6 258	4 344	3 902	442	2 904
Fabricated structural metal products	8 357	7 665	692	3 053	557	432	125	448
Machinery, except electrical	17 423	16 634	789	4 538	1 342	1 233	109	718
Electrical machinery, equipment, and supplies	8 741	8 165	576	2 116	4 119	3 641	478	2 336
Transportation equipment	23 539	21 299	2 240	6 147	1 661	1 496	165	1 376
Motor vehicles & motor vehicle equipment	11 779	10 566	1 213	2 943	793	727	66	665
Ship and boat building and repairing	4 930	4 459	471	1 456	295	261	34	296
Other transportation equipment	6 830	6 274	556	1 748	573	508	65	415
Professional and photographic equipment, and watches	1 040	1 021	19	273	672	672	-	471
Ordnance	2 997	2 627	370	858	1 560	1 143	417	646
Miscellaneous manufacturing industries	4 379	4 056	323	1 817	2 550	2 221	329	1 857
Manufacturing, durable goods—allocated	2 391	2 218	173	1 175	71	71	-	20

[1]Includes transportation, communications, and other public utilities—allocated.

Table 51. **Employed, Experienced Unemployed, Not in Labor Force, But Worked 1960 to 1970, by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Male				Female			
	Experienced civilian labor force			Not in labor force, last worked 1960 to 1970	Experienced civilian labor force			Not in labor force, last worked 1960 to 1970
	Total	Employed	Experienced unemployed		Total	Employed	Experienced unemployed	
Laborers, except farm—Continued								
Miscellaneous and not specified laborers—Continued								
Industry—Continued								
Manufacturing—Continued								
Nondurable goods	94 136	87 415	6 721	32 517	19 422	16 928	2 494	14 500
Food and kindred products	36 340	33 468	2 872	13 733	6 394	5 377	1 017	6 613
Meat products	10 098	9 525	573	2 839	1 888	1 680	208	1 183
Dairy products	3 630	3 482	148	984	264	264	–	215
Canning and preserving fruits, vegetables, and seafoods	6 853	5 862	991	4 215	2 588	1 988	600	3 829
Grain-mill products	4 220	3 971	249	1 310	238	192	46	180
Beverage industries	4 347	4 153	194	1 572	319	319	–	194
Other food and kindred products	7 192	6 475	717	2 813	1 097	934	163	1 012
Tobacco manufactures	1 415	1 223	192	889	565	306	259	704
Textile mill products	9 195	8 799	396	2 679	2 856	2 597	259	994
Yarn, thread, and fabric mills	6 228	6 014	214	2 000	1 703	1 515	188	721
Other textile mill products	2 967	2 785	182	679	1 153	1 082	71	273
Apparel and other fabricated textile products	1 410	1 238	172	753	1 695	1 587	108	854
Paper and allied products	13 320	12 348	972	4 026	1 424	1 269	155	1 045
Pulp, paper, and paperboard mills	8 896	8 336	560	2 457	500	464	36	288
Other paper and allied products	4 424	4 012	412	1 569	924	805	119	757
Printing, publishing, and allied industries	3 854	3 682	172	1 212	1 071	891	180	1 039
Chemicals and allied products	13 018	12 356	662	4 069	1 439	1 292	147	610
Petroleum and coal products	3 293	3 101	192	1 498	80	80	–	40
Rubber and miscellaneous plastic products	7 613	7 113	500	1 935	2 149	2 001	148	1 588
Leather and leather products	3 246	2 877	369	837	1 464	1 263	201	807
Nondurable goods—allocated	1 432	1 210	222	886	285	265	20	206
Not specified manufacturing industries	2 187	1 859	328	1 776	528	494	34	302
Nonmanufacturing industries	290 163	269 430	20 733	140 404	28 841	26 346	2 495	22 550
Railroads and railway express service	43 470	41 424	2 046	23 228	856	813	43	503
Transportation, except railroads	15 085	13 800	1 285	5 805	1 139	1 020	119	529
Comm., and utilities and sanitary services	40 675	38 842	1 833	13 733	838	819	19	297
Transportation, communications, and other public utilities—allocated	782	685	97	675	49	25	24	34
Wholesale trade	40 101	37 334	2 767	14 356	4 402	3 777	625	3 466
Retail trade	42 706	39 824	2 882	19 290	6 095	5 640	455	5 292
Business and repair services	19 863	17 668	2 195	7 627	2 215	1 936	279	1 827
Personal services	22 192	19 762	2 430	17 219	3 446	3 187	259	3 327
Private households	15 996	14 016	1 980	13 069	1 494	1 337	157	1 154
Public administration	17 746	16 415	1 331	11 287	1 277	1 158	119	1 085
All other industries	47 543	43 676	3 867	27 184	8 524	7 971	553	6 190
Laborers, except farm—allocated	290 964	269 106	21 858	138 898	22 274	21 052	1 222	16 166
Farmers and farm managers	**1 362 947**	**1 355 164**	**7 783**	**380 442**	**72 514**	**71 578**	**936**	**41 140**
Farmers, owners and tenants	1 237 294	1 231 390	5 904	329 198	61 966	61 283	683	34 183
Farm managers	58 272	57 951	321	9 236	2 499	2 415	84	1 607
Farmers and farm managers—allocated	67 381	65 823	1 558	42 008	8 049	7 880	169	5 350
Farm laborers and farm foremen	**850 378**	**800 404**	**49 974**	**449 192**	**181 044**	**161 673**	**19 371**	**311 724**
Farm foremen	30 942	30 332	610	7 513	2 173	1 993	180	2 985
Farm laborers, wage workers	696 141	651 841	44 300	352 680	116 626	99 328	17 298	236 161
Farm laborers, unpaid family workers	58 881	57 949	932	39 632	41 381	40 942	439	35 126
Farm service laborers, self-employed	3 294	3 150	144	1 308	584	497	87	261
Farm laborers and farm foremen—allocated	61 120	57 132	3 988	48 059	20 280	18 913	1 367	37 191
Service workers, except private household	**4 012 814**	**3 841 787**	**171 027**	**1 208 004**	**5 061 340**	**4 812 200**	**249 140**	**3 315 283**
Cleaning service workers	1 310 884	1 257 185	53 699	398 991	628 667	596 487	32 180	375 525
Chambermaids and maids, except private household	10 515	9 665	850	4 153	207 228	192 596	14 632	156 501
Cleaners and charwomen	197 447	186 705	10 742	61 109	260 843	249 295	11 548	142 265
Janitors and sextons	1 102 922	1 060 815	42 107	333 729	160 596	154 596	6 000	76 759
Food service workers	932 039	867 705	64 334	349 087	2 042 199	1 913 363	128 836	1 595 968
Bartenders	155 307	148 255	7 052	34 342	42 369	40 088	2 281	21 629
Busboys	92 034	81 717	10 317	55 085	15 090	13 175	1 915	12 285
Cooks, except private household	327 317	308 332	18 985	98 638	545 745	521 020	24 725	320 789
Dishwashers	115 763	102 819	12 944	64 309	70 210	63 749	6 461	62 335
Food counter and fountain workers	37 547	34 800	2 747	18 192	119 202	111 847	7 355	79 111
Waiters	120 050	113 144	6 906	46 724	990 259	915 915	74 344	945 578
Food service workers, n.e.c., except private household	84 021	78 638	5 383	31 797	259 324	247 569	11 755	154 241
Health service workers	147 617	143 098	4 519	37 264	1 082 837	1 046 885	35 952	561 835
Dental assistants	1 996	1 931	65	444	91 328	88 566	2 762	60 123
Health aides, except nursing	19 897	19 427	470	5 257	104 437	101 170	3 267	45 990
Health trainees	1 172	1 133	39	276	17 991	17 693	298	7 752
Lay midwives	226	226	–	38	737	715	22	552
Nursing aides, orderlies, and attendants	115 357	111 647	3 710	29 643	636 626	611 929	24 697	353 117
Practical nurses	8 969	8 734	235	1 606	231 718	226 812	4 906	94 301

Table 51. **Employed, Experienced Unemployed, Not in Labor Force, But Worked 1960 to 1970, by Detailed Occupation and Sex: 1970**—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text]

United States

	Male				Female			
	Experienced civilian labor force			Not in labor force, last worked 1960 to 1970	Experienced civilian labor force			Not in labor force, last worked 1960 to 1970
	Total	Employed	Experienced unemployed		Total	Employed	Experienced unemployed	
Service workers, except private household—Con.								
Personal service workers	406 220	391 644	14 576	147 606	803 201	777 896	25 305	459 575
Airline stewardesses	1 322	1 300	22	355	33 472	32 495	977	11 721
Attendants, recreation and amusement	60 863	54 825	6 038	70 148	19 701	17 043	2 658	47 036
Attendants, personal service, n.e.c.	24 184	22 564	1 620	10 546	40 343	37 352	2 991	32 564
Baggage porters and bellhops	19 836	18 669	1 167	7 206	441	441	–	260
Barbers	163 081	161 670	1 411	24 592	7 923	7 809	114	2 665
Boarding and lodging house keepers	1 972	1 972	–	962	5 577	5 509	68	3 935
Bootblacks	3 728	3 536	192	1 534	336	336	–	128
Child care workers, except private household	9 101	8 644	457	3 107	123 622	119 089	4 533	74 875
Elevator operators	28 191	27 083	1 108	12 274	10 462	9 774	688	8 432
Hairdressers and cosmetologists	48 907	48 213	694	3 622	443 851	434 097	9 754	219 608
Personal service apprentices	604	564	40	82	853	795	58	463
Housekeepers, except private household	28 955	28 034	921	5 526	76 879	74 719	2 160	36 082
School monitors	2 423	2 300	123	1 376	24 622	23 995	627	13 987
Ushers, recreation and amusement	10 053	9 290	763	5 661	4 562	4 212	350	3 889
Welfare service aides	3 604	3 544	60	697	11 410	11 025	385	4 393
Protective service workers	911 723	897 617	14 106	148 349	60 948	59 350	1 598	21 451
Crossing guards and bridge tenders	17 626	17 298	328	6 863	25 670	25 336	334	7 495
Firemen, fire protection	178 115	176 893	1 222	14 143	2 271	2 157	114	607
Guards and watchmen	315 299	305 902	9 397	95 548	16 476	15 808	668	8 252
Marshals and constables	5 363	5 279	84	1 055	228	228	–	174
Policemen and detectives	362 440	359 729	2 711	27 178	14 178	13 768	410	4 353
Public	347 121	345 055	2 066	23 337	11 029	10 869	160	2 607
Private	15 319	14 674	645	3 841	3 149	2 899	250	1 746
Sheriffs and bailiffs	32 880	32 516	364	3 562	2 125	2 053	72	570
Service workers, except private household—allocated	304 331	284 538	19 793	126 707	443 488	418 219	25 269	300 929
Private household workers	**37 828**	**35 771**	**2 057**	**18 317**	**1 186 369**	**1 131 981**	**54 388**	**738 738**
Occupation:								
Child care workers, private household	4 896	4 376	520	2 839	237 879	223 431	14 448	170 483
Cooks, private household	1 972	1 912	60	886	32 243	30 914	1 329	21 137
Housekeepers, private household	3 471	3 373	98	1 489	101 640	98 224	3 416	64 641
Laundresses, private household	495	457	38	224	11 234	10 812	422	8 764
Maids and servants, private household	23 929	22 812	1 117	12 017	680 420	652 531	27 889	415 993
Private household workers—allocated	3 065	2 841	224	862	122 953	116 069	6 884	57 720
Living arrangement:								
Living in	2 719	2 680	39	146	72 755	72 442	313	3 436
Housekeepers, private household	754	733	21	–	19 988	19 954	34	1 114
Maids and servants, private household	1 423	1 405	18	127	41 008	40 793	215	1 554
Living out	35 109	33 091	2 018	18 171	1 113 614	1 059 539	54 075	735 302
Unemployed persons, last worked 1959 or earlier	**18 237**	–	**18 237**	–	**85 103**	–	**85 103**	–