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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
THE STATE								
Total								
Male, 16 years old and over	**168 940**	**118 527**	**41 386**	**22 044**	**11 596**	**7 746**	**8 798**	**229**
Professional, technical, and kindred workers	**25 566**	**11 547**	**11 987**	**5 002**	**5 709**	**1 276**	**2 032**	-
Accountants	2 270	1 413	645	358	174	113	212	-
Architects	357	223	64	52	7	5	70	-
Computer specialists	771	380	387	307	72	8	4	-
Engineers	3 602	1 704	1 783	1 303	266	214	115	-
Aeronautical and astronautical	31	19	12	12	-	-	-	-
Civil	1 059	424	591	249	194	148	44	-
Electrical and electronic	1 097	580	493	464	18	11	24	-
Mechanical	388	186	196	186	6	4	6	-
Other engineers	1 027	495	491	392	48	51	41	-
Lawyers and judges	590	204	184	64	90	30	202	-
Life and physical scientists	708	243	449	203	213	33	16	-
Chemists	182	80	97	50	42	5	5	-
Physicians, dentists, and related practitioners	1 448	569	154	65	73	16	725	-
Dentists	381	62	8	8	-	-	311	-
Pharmacists	160	116	16	9	7	-	28	-
Physicians, medical and osteopathic	810	360	114	44	54	16	336	-
Other related practitioners	97	31	16	4	12	-	50	-
Health technologists and technicians	270	124	146	72	70	4	-	-
Religious workers	592	526	11	4	7	-	55	-
Social scientists	358	139	199	68	74	57	20	-
Social and recreation workers	399	77	315	36	193	86	7	-
Teachers	3 826	710	3 047	71	2 755	221	63	-
College and university	1 518	166	1 352	16	1 327	9	-	-
Elementary and prekindergarten	698	153	541	10	473	58	4	-
Secondary	1 281	258	1 023	6	877	140	-	-
Engineering and science technicians	2 871	1 664	1 196	704	311	181	11	-
Draftsmen and surveyors	1 281	789	481	163	164	154	11	-
Electrical and electronic engineering technicians	982	545	437	414	23	-	-	-
Technicians, except health, and engineering and science	1 144	471	673	569	61	43	-	-
Airplane pilots	383	357	26	19	7	-	-	-
Writers, artists, and entertainers	2 233	1 463	475	249	124	102	295	-
Other professional, technical, and kindred workers	4 133	1 637	2 259	877	1 219	163	237	-
Managers and administrators, except farm	**19 718**	**13 528**	**3 874**	**2 005**	**1 269**	**600**	**2 293**	**23**
Buyers, purchasing agents, and sales managers	1 738	1 455	235	181	28	26	48	-
School administrators	456	62	394	15	351	28	-	-
Specified managers and administrators, public administration	2 324	-	2 324	1 358	549	417	-	-
Other specified managers and administrators	4 139	3 364	366	243	112	11	405	4
Managers and administrators, n.e.c., salaried	9 202	8 647	555	208	229	118	-	-
Manufacturing	1 027	989	38	38	-	-	-	-
Wholesale and retail trade	2 773	2 696	77	71	-	6	-	-
Transportation, communications and other public utilities	1 330	1 262	68	13	10	45	-	-
All other industries	4 072	3 700	372	86	219	67	-	-
Managers and administrators, n.e.c., self-employed	1 859	-	-	-	-	-	1 840	19
Construction	369	-	-	-	-	-	369	-
Manufacturing	137	-	-	-	-	-	137	-
Wholesale and retail trade	892	-	-	-	-	-	880	12
All other industries	461	-	-	-	-	-	454	7
Sales workers	**8 723**	**7 790**	**125**	**67**	**40**	**18**	**791**	**17**
Insurance agents, brokers, and underwriters	1 087	1 011	14	5	9	-	62	-
Real estate agents and brokers	699	500	4	-	-	4	195	-
Sales representatives, manufacturing industries	509	500	-	-	-	-	9	-
Sales representatives, wholesale trade	1 791	1 700	15	4	-	11	76	-
Sales clerks, retail trade	1 676	1 477	29	29	-	-	159	11
Salesmen, retail trade	1 120	1 071	-	-	-	-	49	-
Salesmen of services and construction	420	379	20	11	9	-	21	-
Other sales workers	1 421	1 152	43	18	22	3	220	6
Clerical and kindred workers	**13 207**	**7 657**	**5 354**	**4 069**	**944**	**341**	**182**	**14**
Bank tellers and cashiers	381	322	59	28	21	10	-	-
Bookkeepers and billing clerks	1 078	748	292	189	82	21	32	6
Mail handlers and postal clerks	1 440	85	1 355	1 326	29	-	-	-
Other clerical and kindred workers	10 308	6 502	3 648	2 526	812	310	150	8
Craftsmen and kindred workers	**41 907**	**32 266**	**8 445**	**6 477**	**931**	**1 037**	**1 170**	**26**
Apparel craftsmen and upholsterers	243	215	7	7	-	-	21	-
Bakers	345	323	-	-	-	-	22	-
Cabinetmakers	212	181	18	18	-	-	13	-
Construction craftsmen	15 961	12 814	2 692	1 945	404	343	446	9
Carpenters	5 819	5 158	533	365	127	41	119	9
Excavating, grading, and road machine operators	1 777	1 488	283	75	88	120	6	-
Electricians	2 231	1 463	725	652	42	31	43	-
Masons and tile setters	1 352	1 200	75	35	6	34	77	-
Painters, construction and maintenance, and paperhangers	1 628	1 168	359	238	94	27	101	-
Plasterers and cement finishers	561	538	-	-	-	-	23	-
Plumbers and pipe fitters	1 910	1 139	707	570	47	90	64	-
Other construction craftsmen	683	660	10	10	-	-	13	-
Foremen, n.e.c.	4 381	3 519	846	501	132	213	16	-
Manufacturing	1 313	1 148	159	159	-	-	6	-
Nonmanufacturing industries	3 068	2 371	687	342	132	213	10	-
Linemen and servicemen, telephone and power	1 953	1 770	183	162	4	17	-	-
Locomotive engineers and firemen	-	-	-	-	-	-	-	-
Mechanics and repairmen	9 381	6 871	2 213	1 868	165	180	297	-
Air conditioning, heating, and refrigeration	466	243	218	218	-	-	5	-
Aircraft	889	615	274	256	18	-	-	-
Automobile, including body	3 350	2 759	433	302	62	69	158	-
Radio and television	776	293	428	394	22	12	55	-
Other mechanics and repairmen	3 900	2 961	860	698	63	99	79	-
Metal craftsmen, except mechanics	2 156	1 169	976	971	5	-	11	-
Machinists and job and die setters	1 083	482	601	601	-	-	-	-
Sheetmetal workers and tinsmiths	577	447	130	130	-	-	-	-
Tool and die makers	69	45	24	24	-	-	-	-
Other metal craftsmen	427	195	221	216	5	-	11	-
Printing craftsmen	646	558	62	26	23	13	26	-
Compositors and typesetters	349	300	29	10	6	13	20	-
Pressmen and plate printers, printing	213	174	33	16	17	-	6	-
Stationary engineers and power station operators	607	450	157	95	11	51	-	-
Other craftsmen and kindred workers	6 022	4 396	1 291	884	187	220	318	17

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
THE STATE—Continued								
Total—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**12 384**	**10 638**	**1 467**	**1 189**	**165**	**113**	**262**	**17**
Assemblers	140	135	5	5	-	-	-	-
Checkers, examiners, and inspectors; manufacturing	109	87	22	22	-	-	-	-
Garage workers and gas station attendants	1 886	1 763	98	86	-	12	19	6
Laundry and drycleaning operatives, n.e.c	206	168	23	8	10	5	15	-
Meat cutters and butchers	622	533	53	43	10	-	36	-
Mine operatives, n.e.c	44	44	-	-	-	-	-	-
Packers and wrappers, except produce	376	310	56	51	-	5	10	-
Painters, manufactured articles	214	172	22	22	-	-	13	7
Precision machine operatives	93	66	24	24	-	-	3	-
Sawyers	31	31	-	-	-	-	-	-
Stationary firemen	279	190	89	58	11	20	-	-
Textile operatives	13	13	-	-	-	-	-	-
Welders and flamecutters	1 700	1 344	343	317	19	7	13	-
Other metalworking operatives	131	114	17	17	-	-	-	-
Other specified operatives	2 831	2 516	241	187	43	11	74	-
Miscellaneous and not specified operatives	3 709	3 152	474	349	72	53	79	4
Occupation:								
Machine operatives, miscellaneous specified	1 153	1 012	114	106	-	8	27	-
Machine operatives, not specified	415	381	28	23	-	5	6	-
Miscellaneous operatives	1 778	1 430	306	199	67	40	42	-
Not specified operatives	363	329	26	21	5	-	4	4
Industry:								
Manufacturing	1 973	1 834	101	101	-	-	34	4
Durable goods	501	393	91	91	-	-	17	-
Wood products, including furniture	41	41	-	-	-	-	-	-
Primary metal industries	39	39	-	-	-	-	-	-
Fabricated metal industries	76	76	-	-	-	-	-	-
Machinery, including electrical	40	40	-	-	-	-	-	-
Motor vehicles and equipment	4	4	-	-	-	-	-	-
Transportation equipment, except motor vehicles	122	31	91	91	-	-	-	-
Other durable goods	179	162	-	-	-	-	17	-
Nondurable goods	1 470	1 439	10	10	-	-	17	4
Food and kindred products	1 267	1 246	-	-	-	-	17	4
Apparel and other fabricated textile products	10	10	-	-	-	-	-	-
Paper and allied products	70	70	-	-	-	-	-	-
Chemicals and allied products	16	16	-	-	-	-	-	-
Other nondurable goods	107	97	10	10	-	-	-	-
Not specified manufacturing industries	2	2	-	-	-	-	-	-
Nonmanufacturing industries	1 736	1 318	373	248	72	53	45	-
Transportation, communications, and other public utilities	442	417	25	13	6	6	-	-
Wholesale and retail trade	305	276	6	6	-	-	23	-
All other industries	989	625	342	229	66	47	22	-
Transport equipment operatives	**9 654**	**8 113**	**1 282**	**648**	**164**	**390**	**298**	**41**
Bus drivers	527	470	49	39	10	-	8	-
Taxicab drivers and chauffeurs	862	562	114	34	18	62	186	-
Truck drivers and deliverymen	6 557	5 710	756	360	123	273	72	19
Other transport equipment operatives	1 708	1 371	283	215	13	55	32	22
Laborers, except farm	**13 284**	**10 099**	**2 832**	**1 128**	**544**	**1 160**	**329**	**24**
Construction laborers	3 157	2 767	385	71	128	186	5	-
Freight, stock, and material handlers	4 531	3 559	942	585	60	297	14	16
Other specified laborers	4 324	2 831	1 195	363	290	542	290	8
Miscellaneous and not specified laborers	1 272	942	310	109	66	135	20	-
Occupation:								
Miscellaneous laborers	226	116	97	13	10	74	13	-
Not specified laborers	1 046	826	213	96	56	61	7	-
Industry:								
Manufacturing	407	372	35	29	6	-	-	-
Durable goods	163	128	35	29	6	-	-	-
Wood products, including furniture	14	14	-	-	-	-	-	-
Metal industries	47	47	-	-	-	-	-	-
Machinery, including electrical	16	16	-	-	-	-	-	-
Transportation equipment	42	13	29	29	-	-	-	-
Other durable goods	44	38	6	-	6	-	-	-
Nondurable goods	238	238	-	-	-	-	-	-
Food and kindred products	217	217	-	-	-	-	-	-
Not specified manufacturing industries	6	6	-	-	-	-	-	-
Nonmanufacturing industries	865	570	275	80	60	135	20	-
Railroads and railway express service	-	-	-	-	-	-	-	-
Transportation, except railroads	49	49	-	-	-	-	-	-
Communications, and utilities and sanitary services	119	43	76	3	5	68	-	-
Wholesale and retail trade	186	179	-	-	-	-	7	-
All other industries	511	299	199	77	55	67	13	-
Farmers and farm managers	**1 228**	**210**	**21**	**10**	**5**	**6**	**997**	-
Farm laborers and farm foremen	**6 125**	**5 810**	**200**	**32**	**120**	**48**	**65**	**50**
Paid farm laborers and farm foremen	6 075	5 810	200	32	120	48	65	-
Unpaid family workers	50	-	-	-	-	-	-	50
Service workers, except private household[1]	**17 073**	**10 796**	**5 879**	**1 417**	**1 705**	**2 757**	**379**	**17**
Cleaning service workers	4 385	2 821	1 529	396	896	237	25	10
Food service workers	4 641	4 054	466	283	147	36	114	7
Cooks, except private household	1 829	1 486	238	145	85	8	105	-
Busboys and dishwashers	1 112	1 017	88	66	17	5	-	7
Health service workers	456	223	233	31	166	36	-	-
Personal service workers	2 148	1 678	280	98	67	115	190	-
Protective service workers	3 747	706	3 032	529	318	2 185	9	-
Firemen, fire protection	1 199	21	1 178	263	19	896	-	-
Guards and watchmen	1 061	630	431	161	191	79	-	-
Policemen and detectives	1 445	51	1 385	101	93	1 191	9	-
Private household workers	**73**	**73**	-	-	-	-	-	-

[1]Includes allocated cases not shown separately.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
THE STATE—Continued								
Total—Continued								
Female, 16 years old and over	**116 636**	**82 385**	**29 161**	**9 347**	**17 103**	**2 711**	**4 034**	**1 036**
Professional, technical, and kindred workers	**19 978**	**8 667**	**11 051**	**1 087**	**8 829**	**1 135**	**827**	**33**
Accountants	1 241	843	379	259	95	25	14	5
Computer specialists	237	102	128	70	41	17	7	-
Librarians	544	76	463	42	395	26	-	5
Mathematical specialists	60	29	31	11	20	-	-	-
Life and physical scientists	86	28	58	13	45	-	-	-
Registered nurses, dietitians, and therapists	3 081	2 182	834	129	672	33	65	-
Dietitians	85	50	35	5	30	-	-	-
Registered nurses	2 815	2 043	707	124	550	33	65	-
Health technologists and technicians	569	431	134	53	81	-	4	-
Social scientists	95	55	40	-	35	5	-	-
Social and recreation workers	673	139	534	51	389	94	-	-
Teachers: College and university	605	116	489	4	485	-	-	-
Elementary and prekindergarten	6 028	1 219	4 797	76	4 133	588	12	-
Secondary	1 551	250	1 301	-	1 099	202	-	-
Other teachers	630	164	151	27	124	-	315	-
Engineering and science technicians	272	157	110	24	70	16	5	-
Technicians, except health, and engineering and science	88	14	74	48	14	12	-	-
Writers, artists, and entertainers	1 324	949	180	59	95	26	191	4
Actors and dancers	198	194	-	-	-	-	4	-
Authors, editors, and reporters	168	119	32	15	17	-	13	4
Other professional, technical, and kindred workers	2 894	1 313	1 348	221	1 036	91	214	19
Managers and administrators, except farm	**5 739**	**3 912**	**1 058**	**354**	**603**	**101**	**672**	**97**
Buyers, purchasing agents, and sales managers	641	524	69	59	10	-	36	12
Restaurant, cafeteria, and bar managers	693	378	178	17	151	10	132	5
School administrators	294	82	206	-	162	44	6	-
Other specified managers and administrators	1 372	828	474	220	213	41	65	5
Managers and administrators, n.e.c., salaried	2 231	2 100	131	58	67	6	-	-
Wholesale and retail trade	866	829	37	31	6	-	-	-
Managers and administrators, n.e.c., self-employed	508	-	-	-	-	-	433	75
Wholesale and retail trade	305	-	-	-	-	-	276	29
Sales workers	**10 670**	**9 593**	**525**	**436**	**74**	**15**	**410**	**142**
Demonstrators, hucksters, and peddlers	488	419	-	-	-	-	59	10
Insurance, real estate agents, and brokers	725	645	6	-	6	-	74	-
Sales clerks, retail trade	7 016	6 368	363	321	38	4	197	88
Salesmen, retail trade	191	191	-	-	-	-	-	-
Other sales workers	2 250	1 970	156	115	30	11	80	44
Clerical and kindred workers	**38 955**	**26 356**	**12 030**	**5 971**	**5 110**	**949**	**284**	**285**
Bank tellers	1 039	1 011	26	5	21	-	-	2
Bookkeepers	3 547	2 796	594	388	158	48	76	81
Cashiers	3 082	2 593	422	327	49	46	46	21
Counter clerks, except food	821	742	64	46	14	4	10	5
Enumerators and interviewers	240	33	207	166	41	-	-	-
File clerks	980	588	392	184	170	38	-	-
Office machine operators	1 178	739	439	291	126	22	-	-
Bookkeeping and billing machine operators	185	148	37	19	18	-	-	-
Keypunch operators	741	447	294	218	66	10	-	-
Payroll and timekeeping clerks	427	305	122	85	20	17	-	-
Receptionists	1 262	1 076	156	29	110	17	10	20
Secretaries	7 826	5 282	2 442	1 270	982	190	34	68
Stenographers	1 472	293	1 179	391	641	147	-	-
Telephone operators	1 199	1 032	167	79	58	30	-	-
Typists	4 022	1 995	2 010	921	975	114	9	8
Other clerical and kindred workers	11 860	7 871	3 810	1 789	1 745	276	99	80
Craftsmen and kindred workers	**2 013**	**1 646**	**282**	**146**	**106**	**30**	**85**	-
Foremen, n.e.c.	594	510	70	48	18	4	14	-
Operatives, except transport	**8 962**	**8 128**	**418**	**265**	**128**	**25**	**344**	**72**
Assemblers	66	66	-	-	-	-	-	-
Bottling and canning operatives	127	121	-	-	-	-	6	-
Checkers, examiners, and inspectors: manufacturing	152	152	-	-	-	-	-	-
Dressmakers and seamstresses, except factory	736	489	9	-	9	-	229	9
Laundry and drycleaning operatives, including ironers	1 113	893	216	157	54	5	4	-
Graders and sorters, manufacturing	68	68	-	-	-	-	-	-
Packers and wrappers, except produce	1 517	1 495	22	16	-	6	-	-
Sewers and stitchers	1 864	1 809	19	9	10	-	25	11
Textile operatives	12	7	-	-	-	-	5	-
Other specified operatives	1 676	1 511	84	63	7	14	46	35
Miscellaneous and not specified operatives	1 631	1 517	68	20	48	-	29	17
Manufacturing	1 172	1 140	-	-	-	-	23	9
Durable goods	122	105	-	-	-	-	17	-
Machinery, including electrical	3	3	-	-	-	-	-	-
Other durable goods	119	102	-	-	-	-	17	-
Nondurable goods, including not specified manufacturing	1 050	1 035	-	-	-	-	6	9
Food and kindred products	891	881	-	-	-	-	6	4
Apparel and other fabricated textile products	64	64	-	-	-	-	-	-
Nonmanufacturing industries	459	377	68	20	48	-	6	8
Transport equipment operatives	**425**	**353**	**21**	-	**21**	-	**51**	-
Laborers, except farm	**1 037**	**845**	**149**	**89**	**37**	**23**	**39**	**4**
Farmers and farm managers	**462**	**47**	-	-	-	-	**409**	**6**
Farm laborers and farm foremen	**1 433**	**1 129**	**18**	**13**	**5**	-	-	**286**
Paid farm laborers and farm foremen	1 147	1 129	18	13	5	-	-	-
Unpaid family workers	286	-	-	-	-	-	-	286
Service workers, except private household[1]	**24 918**	**20 380**	**3 609**	**986**	**2 190**	**433**	**898**	**111**
Cleaning service workers	4 312	3 358	927	294	522	111	27	-
Chambermaids and maids	1 978	1 931	42	20	17	5	5	-
Food service workers	11 441	9 871	1 352	374	826	152	152	66
Cooks, except private household	2 000	1 594	326	67	213	46	64	16
Waiters and food counter workers	6 643	6 204	322	229	78	15	75	42
Health service workers	2 384	1 765	593	111	438	44	16	10
Nursing aides, orderlies, and attendants	998	732	259	57	178	24	7	-
Practical nurses	649	391	249	21	208	20	9	-
Personal service workers	3 785	2 852	314	119	139	56	600	19
Hairdressers and cosmetologists	1 322	1 047	10	10	-	-	258	7
Private household workers	**2 034**	**2 009**	-	-	-	-	**15**	-
Private household workers, living in	148	148	-	-	-	-	-	-
Private household workers, living out	1 876	1 861	-	-	-	-	15	-

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
THE STATE—Continued								
Negro								
Male, 16 years old and over	668	427	213	154	51	8	28	-
Professional, technical, and kindred workers	125	42	75	35	40	-	8	-
Accountants	2	-	2	2	-	-	-	-
Architects	-	-	-	-	-	-	-	-
Computer specialists	-	-	-	-	-	-	-	-
Engineers	-	-	-	-	-	-	-	-
Aeronautical and astronautical	-	-	-	-	-	-	-	-
Civil	-	-	-	-	-	-	-	-
Electrical and electronic	-	-	-	-	-	-	-	-
Mechanical	-	-	-	-	-	-	-	-
Other engineers	-	-	-	-	-	-	-	-
Lawyers and judges	-	-	-	-	-	-	-	-
Life and physical scientists	4	-	4	-	4	-	-	-
Chemists	-	-	-	-	-	-	-	-
Physicians, dentists, and related practitioners	6	-	6	-	6	-	-	-
Dentists	-	-	-	-	-	-	-	-
Pharmacists	-	-	-	-	-	-	-	-
Physicians, medical and osteopathic	6	-	6	-	6	-	-	-
Other related practitioners	-	-	-	-	-	-	-	-
Health technologists and technicians	6	-	6	-	6	-	-	-
Religious workers	-	-	-	-	-	-	-	-
Social scientists	5	-	5	-	5	-	-	-
Social and recreation workers	10	10	-	-	-	-	-	-
Teachers	19	-	19	-	19	-	-	-
College and university	-	-	-	-	-	-	-	-
Elementary and prekindergarten	-	-	-	-	-	-	-	-
Secondary	19	-	19	-	19	-	-	-
Engineering and science technicians	29	14	15	15	-	-	-	-
Draftsmen and surveyors	4	4	-	-	-	-	-	-
Electrical and electronic engineering technicians	25	10	15	15	-	-	-	-
Technicians, except health, and engineering and science	5	-	5	5	-	-	-	-
Airplane pilots	-	-	-	-	-	-	-	-
Writers, artists, and entertainers	18	18	-	-	-	-	-	-
Other professional, technical, and kindred workers	21	-	13	13	-	-	8	-
Managers and administrators, except farm	38	16	14	14	-	-	8	-
Buyers, purchasing agents, and sales managers	17	13	4	4	-	-	-	-
School administrators	-	-	-	-	-	-	-	-
Specified managers and administrators, public administration	-	-	-	-	-	-	-	-
Other specified managers and administrators	9	-	4	4	-	-	5	-
Managers and administrators, n.e.c., salaried	9	3	6	6	-	-	-	-
Manufacturing	-	-	-	-	-	-	-	-
Wholesale and retail trade	-	-	-	-	-	-	-	-
Transportation, communications and other public utilities	-	-	-	-	-	-	-	-
All other industries	9	3	6	6	-	-	-	-
Managers and administrators, n.e.c., self-employed	3	-	-	-	-	-	3	-
Construction	-	-	-	-	-	-	-	-
Manufacturing	-	-	-	-	-	-	-	-
Wholesale and retail trade	-	-	-	-	-	-	-	-
All other industries	3	-	-	-	-	-	3	-
Sales workers	10	7	-	-	-	-	3	-
Insurance agents, brokers, and underwriters	-	-	-	-	-	-	-	-
Real estate agents and brokers	-	-	-	-	-	-	-	-
Sales representatives, manufacturing industries	-	-	-	-	-	-	-	-
Sales representatives, wholesale trade	-	-	-	-	-	-	-	-
Sales clerks, retail trade	3	3	-	-	-	-	-	-
Salesmen, retail trade	-	-	-	-	-	-	-	-
Salesmen of services and construction	4	4	-	-	-	-	-	-
Other sales workers	3	-	-	-	-	-	3	-
Clerical and kindred workers	93	48	45	39	6	-	-	-
Bank tellers and cashiers	-	-	-	-	-	-	-	-
Bookkeepers and billing clerks	-	-	-	-	-	-	-	-
Mail handlers and postal clerks	6	-	6	6	-	-	-	-
Other clerical and kindred workers	87	48	39	33	6	-	-	-
Craftsmen and kindred workers	128	91	32	32	-	-	5	-
Apparel craftsmen and upholsterers	3	3	-	-	-	-	-	-
Bakers	-	-	-	-	-	-	-	-
Cabinetmakers	-	-	-	-	-	-	-	-
Construction craftsmen	44	32	12	12	-	-	-	-
Carpenters	13	13	-	-	-	-	-	-
Excavating, grading, and road machine operators	-	-	-	-	-	-	-	-
Electricians	-	-	-	-	-	-	-	-
Masons and tile setters	8	8	-	-	-	-	-	-
Painters, construction and maintenance, and paperhangers	5	-	5	5	-	-	-	-
Plasterers and cement finishers	7	7	-	-	-	-	-	-
Plumbers and pipe fitters	7	-	7	7	-	-	-	-
Other construction craftsmen	4	4	-	-	-	-	-	-
Foremen, n.e.c.	6	6	-	-	-	-	-	-
Manufacturing	6	6	-	-	-	-	-	-
Nonmanufacturing industries	-	-	-	-	-	-	-	-
Linemen and servicemen, telephone and power	4	4	-	-	-	-	-	-
Locomotive engineers and firemen	-	-	-	-	-	-	-	-
Mechanics and repairmen	8	5	3	3	-	-	-	-
Air conditioning, heating, and refrigeration	5	5	-	-	-	-	-	-
Aircraft	3	-	3	3	-	-	-	-
Automobile, including body	-	-	-	-	-	-	-	-
Radio and television	-	-	-	-	-	-	-	-
Other mechanics and repairmen	-	-	-	-	-	-	-	-
Metal craftsmen, except mechanics	-	-	-	-	-	-	-	-
Machinists and job and die setters	-	-	-	-	-	-	-	-
Sheetmetal workers and tinsmiths	-	-	-	-	-	-	-	-
Tool and die makers	-	-	-	-	-	-	-	-
Other metal craftsmen	-	-	-	-	-	-	-	-
Printing craftsmen	-	-	-	-	-	-	-	-
Compositors and typesetters	-	-	-	-	-	-	-	-
Pressmen and plate printers, printing	-	-	-	-	-	-	-	-
Stationary engineers and power station operators	5	-	5	5	-	-	-	-
Other craftsmen and kindred workers	58	41	12	12	-	-	5	-

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
THE STATE – Continued								
Negro – Continued								
Male, 16 years old and over – Continued								
Operatives, except transport	73	55	18	18	–	–	–	–
Assemblers	–	–	–	–	–	–	–	–
Checkers, examiners, and inspectors, manufacturing	3	3	–	–	–	–	–	–
Garage workers and gas station attendants	–	–	–	–	–	–	–	–
Laundry and drycleaning operatives, n.e.c	–	–	–	–	–	–	–	–
Meat cutters and butchers	–	–	–	–	–	–	–	–
Mine operatives, n.e.c	–	–	–	–	–	–	–	–
Packers and wrappers, except produce	–	–	–	–	–	–	–	–
Painters, manufactured articles	–	–	–	–	–	–	–	–
Precision machine operatives	–	–	–	–	–	–	–	–
Sewyers	–	–	–	–	–	–	–	–
Stationary firemen	–	–	–	–	–	–	–	–
Textile operatives	–	–	–	–	–	–	–	–
Welders and flamecutters	–	–	–	–	–	–	–	–
Other metalworking operatives	4	4	–	–	–	–	–	–
Other specified operatives	43	39	4	4	–	–	–	–
Miscellaneous and not specified operatives	23	9	14	14	–	–	–	–
Occupation:								
Machine operatives, miscellaneous specified	12	5	7	7	–	–	–	–
Machine operatives, not specified	–	–	–	–	–	–	–	–
Miscellaneous operatives	11	4	7	7	–	–	–	–
Not specified operatives	–	–	–	–	–	–	–	–
Industry:								
Manufacturing	16	9	7	7	–	–	–	–
Durable goods	11	4	7	7	–	–	–	–
Wood products, including furniture	4	4	–	–	–	–	–	–
Primary metal industries	–	–	–	–	–	–	–	–
Fabricated metal industries	–	–	–	–	–	–	–	–
Machinery, including electrical	–	–	–	–	–	–	–	–
Motor vehicles and equipment	–	–	–	–	–	–	–	–
Transportation equipment, except motor vehicles	7	–	7	7	–	–	–	–
Other durable goods	–	–	–	–	–	–	–	–
Nondurable goods	5	5	–	–	–	–	–	–
Food and kindred products	–	–	–	–	–	–	–	–
Apparel and other fabricated textile products	–	–	–	–	–	–	–	–
Paper and allied products	–	–	–	–	–	–	–	–
Chemicals and allied products	5	5	–	–	–	–	–	–
Other nondurable goods	–	–	–	–	–	–	–	–
Not specified manufacturing industries	–	–	–	–	–	–	–	–
Nonmanufacturing industries	7	–	7	7	–	–	–	–
Transportation, communications, and other public utilities	3	–	3	3	–	–	–	–
Wholesale and retail trade	–	–	–	–	–	–	–	–
All other industries	4	–	4	4	–	–	–	–
Transport equipment operatives	19	15	–	–	–	–	4	–
Bus drivers	–	–	–	–	–	–	–	–
Taxicab drivers and chauffeurs	4	–	–	–	–	–	4	–
Truck drivers and deliverymen	11	11	–	–	–	–	–	–
Other transport equipment operatives	4	4	–	–	–	–	–	–
Laborers, except farm	68	51	17	12	–	5	–	–
Construction laborers	24	24	–	–	–	–	–	–
Freight, stock, and material handlers	23	14	9	9	–	–	–	–
Other specified laborers	18	13	5	–	–	5	–	–
Miscellaneous and not specified laborers	3	–	3	3	–	–	–	–
Occupation:								
Miscellaneous laborers	3	–	3	3	–	–	–	–
Not specified laborers	–	–	–	–	–	–	–	–
Industry:								
Manufacturing	–	–	–	–	–	–	–	–
Durable goods	–	–	–	–	–	–	–	–
Wood products, including furniture	–	–	–	–	–	–	–	–
Metal industries	–	–	–	–	–	–	–	–
Machinery, including electrical	–	–	–	–	–	–	–	–
Transportation equipment	–	–	–	–	–	–	–	–
Other durable goods	–	–	–	–	–	–	–	–
Nondurable goods	–	–	–	–	–	–	–	–
Food and kindred products	–	–	–	–	–	–	–	–
Not specified manufacturing industries	–	–	–	–	–	–	–	–
Nonmanufacturing industries	3	–	3	3	–	–	–	–
Railroads and railway express service	–	–	–	–	–	–	–	–
Transportation, except railroads	–	–	–	–	–	–	–	–
Communications, and utilities and sanitary services	3	–	3	3	–	–	–	–
Wholesale and retail trade	–	–	–	–	–	–	–	–
All other industries	–	–	–	–	–	–	–	–
Farmers and farm managers	–	–	–	–	–	–	–	–
Farm laborers and farm foremen	–	–	–	–	–	–	–	–
Paid farm laborers and farm foremen	–	–	–	–	–	–	–	–
Unpaid family workers	–	–	–	–	–	–	–	–
Service workers, except private household[1]	114	102	12	4	5	3	–	–
Cleaning service workers	13	13	–	–	–	–	–	–
Food service workers	56	56	–	–	–	–	–	–
Cooks, except private household	17	17	–	–	–	–	–	–
Busboys and dishwashers	14	14	–	–	–	–	–	–
Health service workers	–	–	–	–	–	–	–	–
Personal service workers	13	13	–	–	–	–	–	–
Protective service workers	32	20	12	4	5	3	–	–
Firemen, fire protection	4	–	4	4	–	–	–	–
Guards and watchmen	25	20	5	–	5	–	–	–
Policemen and detectives	3	–	3	–	–	3	–	–
Private household workers	–	–	–	–	–	–	–	–

[1] Includes allocated cases not shown separately.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
THE STATE—Continued								
Negro—Continued								
Female, 16 years old and over	**505**	**275**	**227**	**127**	**65**	**35**	**3**	-
Professional, technical, and kindred workers	**137**	**53**	**81**	**11**	**53**	**17**	**3**	-
Accountants	-	-	-	-	-	-	-	-
Computer specialists	-	-	-	-	-	-	-	-
Librarians	-	-	-	-	-	-	-	-
Mathematical specialists	-	-	-	-	-	-	-	-
Life and physical scientists	-	-	-	-	-	-	-	-
Registered nurses, dietitians, and therapists	17	14	-	-	-	-	3	-
Dietitians	-	-	-	-	-	-	-	-
Registered nurses	17	14	-	-	-	-	3	-
Health technologists and technicians	4	4	-	-	-	-	-	-
Social scientists	-	-	-	-	-	-	-	-
Social and recreation workers	10	-	10	-	6	4	-	-
Teachers: College and university	5	5	-	-	-	-	-	-
Elementary and prekindergarten	42	8	34	3	18	13	-	-
Secondary	21	-	21	-	21	-	-	-
Other teachers	8	-	8	8	-	-	-	-
Engineering and science technicians	-	-	-	-	-	-	-	-
Technicians, except health, and engineering and science	-	-	-	-	-	-	-	-
Writers, artists, and entertainers	10	10	-	-	-	-	-	-
Actors and dancers	4	4	-	-	-	-	-	-
Authors, editors, and reporters	6	6	-	-	-	-	-	-
Other professional, technical, and kindred workers	20	12	8	-	8	-	-	-
Managers and administrators, except farm	**5**	**5**	-	-	-	-	-	-
Buyers, purchasing agents, and sales managers	5	5	-	-	-	-	-	-
Restaurant, cafeteria, and bar managers	-	-	-	-	-	-	-	-
School administrators	-	-	-	-	-	-	-	-
Other specified managers and administrators	-	-	-	-	-	-	-	-
Managers and administrators, n.e.c., salaried	-	-	-	-	-	-	-	-
Wholesale and retail trade	-	-	-	-	-	-	-	-
Managers and administrators, n.e.c., self-employed	-	-	-	-	-	-	-	-
Wholesale and retail trade	-	-	-	-	-	-	-	-
Sales workers	**68**	**48**	**20**	**20**	-	-	-	-
Demonstrators, hucksters, and peddlers	4	4	-	-	-	-	-	-
Insurance, real estate agents, and brokers	-	-	-	-	-	-	-	-
Sales clerks, retail trade	41	21	20	20	-	-	-	-
Salesmen, retail trade	-	-	-	-	-	-	-	-
Other sales workers	23	23	-	-	-	-	-	-
Clerical and kindred workers	**160**	**61**	**99**	**78**	**12**	**9**	-	-
Bank tellers	5	5	-	-	-	-	-	-
Bookkeepers	10	10	-	-	-	-	-	-
Cashiers	19	10	9	9	-	-	-	-
Counter clerks, except food	-	-	-	-	-	-	-	-
Enumerators and interviewers	-	-	-	-	-	-	-	-
File clerks	6	6	-	-	-	-	-	-
Office machine operators	22	5	17	4	8	5	-	-
Bookkeeping and billing machine operators	-	-	-	-	-	-	-	-
Keypunch operators	22	5	17	4	8	5	-	-
Payroll and timekeeping clerks	-	-	-	-	-	-	-	-
Receptionists	-	-	-	-	-	-	-	-
Secretaries	19	12	7	7	-	-	-	-
Stenographers	3	-	3	3	-	-	-	-
Telephone operators	3	3	-	-	-	-	-	-
Typists	35	5	30	26	-	4	-	-
Other clerical and kindred workers	38	5	33	29	4	-	-	-
Craftsmen and kindred workers	**5**	**5**	-	-	-	-	-	-
Foremen, n.e.c.	-	-	-	-	-	-	-	-
Operatives, except transport	**33**	**28**	**5**	**5**	-	-	-	-
Assemblers	-	-	-	-	-	-	-	-
Bottling and canning operatives	-	-	-	-	-	-	-	-
Checkers, examiners, and inspectors; manufacturing	-	-	-	-	-	-	-	-
Dressmakers and seamstresses, except factory	-	-	-	-	-	-	-	-
Laundry and drycleaning operatives, including ironers	5	-	5	5	-	-	-	-
Graders and sorters, manufacturing	-	-	-	-	-	-	-	-
Packers and wrappers, except produce	-	-	-	-	-	-	-	-
Sewers and stitchers	5	5	-	-	-	-	-	-
Textile operatives	-	-	-	-	-	-	-	-
Other specified operatives	8	8	-	-	-	-	-	-
Miscellaneous and not specified operatives	15	15	-	-	-	-	-	-
Manufacturing	11	11	-	-	-	-	-	-
Durable goods	6	6	-	-	-	-	-	-
Machinery, including electrical	-	-	-	-	-	-	-	-
Other durable goods	6	6	-	-	-	-	-	-
Nondurable goods, including not specified manufacturing	5	5	-	-	-	-	-	-
Food and kindred products	5	5	-	-	-	-	-	-
Apparel and other fabricated textile products	-	-	-	-	-	-	-	-
Nonmanufacturing industries	4	4	-	-	-	-	-	-
Transport equipment operatives	-	-	-	-	-	-	-	-
Laborers, except farm	4	-	4	4	-	-	-	-
Farmers and farm managers	-	-	-	-	-	-	-	-
Farm laborers and farm foremen	-	-	-	-	-	-	-	-
Paid farm laborers and farm foremen	-	-	-	-	-	-	-	-
Unpaid family workers	-	-	-	-	-	-	-	-
Service workers, except private household[1]	**82**	**64**	**18**	**9**	-	**9**	-	-
Cleaning service workers	14	5	9	9	-	-	-	-
Chambermaids and maids	5	5	-	-	-	-	-	-
Food service workers	32	32	-	-	-	-	-	-
Cooks, except private household	4	4	-	-	-	-	-	-
Waiters and food counter workers	17	17	-	-	-	-	-	-
Health service workers	6	3	3	-	-	3	-	-
Nursing aides, orderlies, and attendants	6	3	3	-	-	3	-	-
Practical nurses	-	-	-	-	-	-	-	-
Personal service workers	11	11	-	-	-	-	-	-
Hairdressers and cosmetologists	7	7	-	-	-	-	-	-
Private household workers	**11**	**11**	-	-	-	-	-	-
Private household workers, living in	-	-	-	-	-	-	-	-
Private household workers, living out	11	11	-	-	-	-	-	-

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
THE STATE—Continued								
Persons of Spanish Language								
Male, 16 years old and over	**4 208**	**2 737**	**1 321**	**681**	**326**	**314**	**150**	-
Professional, technical, and kindred workers	**436**	**215**	**205**	**79**	**121**	**5**	**16**	-
Accountants	25	13	12	5	7	-	-	-
Architects	-	-	-	-	-	-	-	-
Computer specialists	7	7	-	-	-	-	-	-
Engineers	75	29	46	41	-	5	-	-
Aeronautical and astronautical	-	-	-	-	-	-	-	-
Civil	28	22	6	6	-	-	-	-
Electrical and electronic	20	7	13	13	-	-	-	-
Mechanical	-	-	-	-	-	-	-	-
Other engineers	27	-	27	22	-	5	-	-
Lawyers and judges	14	14	-	-	-	-	-	-
Life and physical scientists	10	-	10	-	10	-	-	-
Chemists	-	-	-	-	-	-	-	-
Physicians, dentists, and related practitioners	7	-	7	7	-	-	-	-
Dentists	7	-	7	7	-	-	-	-
Pharmacists	-	-	-	-	-	-	-	-
Physicians, medical and osteopathic	-	-	-	-	-	-	-	-
Other related practitioners	-	-	-	-	-	-	-	-
Health technologists and technicians	7	7	-	-	-	-	-	-
Religious workers	-	-	-	-	-	-	-	-
Social scientists	7	7	-	-	-	-	-	-
Social and recreation workers	6	-	6	-	6	-	-	-
Teachers	107	32	75	-	75	-	-	-
College and university	52	6	46	-	46	-	-	-
Elementary and prekindergarten	16	8	8	-	8	-	-	-
Secondary	39	18	21	-	21	-	-	-
Engineering and science technicians	39	20	19	13	6	-	-	-
Draftsmen and surveyors	13	13	-	-	-	-	-	-
Electrical and electronic engineering technicians	20	7	13	13	-	-	-	-
Technicians, except health, and engineering and science	22	15	7	-	7	-	-	-
Airplane pilots	8	8	-	-	-	-	-	-
Writers, artists, and entertainers	63	41	6	6	-	-	16	-
Other professional, technical, and kindred workers	47	30	17	7	10	-	-	-
Managers and administrators, except farm	**344**	**194**	**101**	**41**	**41**	**19**	**49**	-
Buyers, purchasing agents, and sales managers	47	31	9	9	-	-	7	-
School administrators	5	-	5	-	5	-	-	-
Specified managers and administrators, public administration	87	-	87	32	36	19	-	-
Other specified managers and administrators	62	57	-	-	-	-	5	-
Managers and administrators, n.e.c., salaried	106	106	-	-	-	-	-	-
Manufacturing	13	13	-	-	-	-	-	-
Wholesale and retail trade	46	46	-	-	-	-	-	-
Transportation, communications and other public utilities	12	12	-	-	-	-	-	-
All other industries	35	35	-	-	-	-	-	-
Managers and administrators, n.e.c., self-employed	37	-	-	-	-	-	37	-
Construction	7	-	-	-	-	-	7	-
Manufacturing	7	-	-	-	-	-	7	-
Wholesale and retail trade	16	-	-	-	-	-	16	-
All other industries	7	-	-	-	-	-	7	-
Sales workers	**131**	**111**	**-**	**-**	**-**	**-**	**20**	-
Insurance agents, brokers, and underwriters	22	22	-	-	-	-	-	-
Real estate agents and brokers	19	7	-	-	-	-	12	-
Sales representatives, manufacturing industries	15	15	-	-	-	-	-	-
Sales representatives, wholesale trade	14	14	-	-	-	-	-	-
Sales clerks, retail trade	19	11	-	-	-	-	8	-
Salesmen, retail trade	20	20	-	-	-	-	-	-
Salesmen of services and construction	-	-	-	-	-	-	-	-
Other sales workers	22	22	-	-	-	-	-	-
Clerical and kindred workers	**242**	**141**	**101**	**101**	**-**	**-**	**-**	-
Bank tellers and cashiers	6	6	-	-	-	-	-	-
Bookkeepers and billing clerks	22	15	7	7	-	-	-	-
Mail handlers and postal clerks	-	-	-	-	-	-	-	-
Other clerical and kindred workers	214	120	94	94	-	-	-	-
Craftsmen and kindred workers	**1 193**	**851**	**319**	**216**	**41**	**62**	**23**	-
Apparel craftsmen and upholsterers	-	-	-	-	-	-	-	-
Bakers	-	-	-	-	-	-	-	-
Cabinetmakers	10	10	-	-	-	-	-	-
Construction craftsmen	469	352	106	68	26	12	11	-
Carpenters	70	58	12	8	4	-	-	-
Excavating, grading, and road machine operators	111	76	35	11	12	12	-	-
Electricians	44	30	14	14	-	-	-	-
Masons and tile setters	49	43	6	6	-	-	-	-
Painters, construction and maintenance, and paperhangers	61	46	10	-	10	-	5	-
Plasterers and cement finishers	32	26	-	-	-	-	6	-
Plumbers and pipe fitters	62	33	29	29	-	-	-	-
Other construction craftsmen	40	40	-	-	-	-	-	-
Foremen, n.e.c.	114	91	23	12	-	11	-	-
Manufacturing	29	24	5	5	-	-	-	-
Nonmanufacturing industries	85	67	18	7	-	11	-	-
Linemen and servicemen, telephone and power	29	29	-	-	-	-	-	-
Locomotive engineers and firemen	-	-	-	-	-	-	-	-
Mechanics and repairmen	234	155	67	40	8	19	12	-
Air conditioning, heating, and refrigeration	-	-	-	-	-	-	-	-
Aircraft	29	21	8	8	-	-	-	-
Automobile, including body	70	58	-	-	-	-	12	-
Radio and television	26	12	14	14	-	-	-	-
Other mechanics and repairmen	109	64	45	18	8	19	-	-
Metal craftsmen, except mechanics	107	55	52	52	-	-	-	-
Machinists and job and die setters	47	35	12	12	-	-	-	-
Sheetmetal workers and tinsmiths	19	13	6	6	-	-	-	-
Tool and die makers	6	-	6	6	-	-	-	-
Other metal craftsmen	35	7	28	28	-	-	-	-
Printing craftsmen	6	6	-	-	-	-	-	-
Compositors and typesetters	-	-	-	-	-	-	-	-
Pressmen and plate printers, printing	6	6	-	-	-	-	-	-
Stationary engineers and power station operators	22	17	5	5	-	-	-	-
Other craftsmen and kindred workers	202	136	66	39	7	20	-	-

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
THE STATE—Continued								
Persons of Spanish Language—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**412**	**309**	**98**	**87**	-	**11**	**5**	-
Assemblers	8	8	-	-	-	-	-	-
Checkers, examiners, and inspectors, manufacturing	5	5	-	-	-	-	-	-
Garage workers and gas station attendants	61	50	11	-	-	11	-	-
Laundry and drycleaning operatives, n.e.c	7	7	-	-	-	-	-	-
Meat cutters and butchers	21	21	-	-	-	-	-	-
Mine operatives, n.e.c	-	-	-	-	-	-	-	-
Packers and wrappers, except produce	35	20	15	15	-	-	-	-
Painters, manufactured articles	-	-	-	-	-	-	-	-
Precision machine operatives	8	-	8	8	-	-	-	-
Sawyers	-	-	-	-	-	-	-	-
Stationary firemen	20	13	7	7	-	-	-	-
Textile operatives	-	-	-	-	-	-	-	-
Welders and flamecutters	35	30	5	5	-	-	-	-
Other metalworking operatives	-	-	-	-	-	-	-	-
Other specified operatives	63	50	13	13	-	-	-	-
Miscellaneous and not specified operatives	149	105	39	39	-	-	5	-
Occupation:								
Machine operatives, miscellaneous specified	41	32	9	9	-	-	-	-
Machine operatives, not specified	18	18	-	-	-	-	-	-
Miscellaneous operatives	77	47	30	30	-	-	-	-
Not specified operatives	13	8	-	-	-	-	5	-
Industry:								
Manufacturing	86	71	15	15	-	-	-	-
Durable goods	29	14	15	15	-	-	-	-
Wood products, including furniture	-	-	-	-	-	-	-	-
Primary metal industries	-	-	-	-	-	-	-	-
Fabricated metal industries	7	7	-	-	-	-	-	-
Machinery, including electrical	-	-	-	-	-	-	-	-
Motor vehicles and equipment	-	-	-	-	-	-	-	-
Transportation equipment, except motor vehicles	15	-	15	15	-	-	-	-
Other durable goods	7	7	-	-	-	-	-	-
Nondurable goods	57	57	-	-	-	-	-	-
Food and kindred products	57	57	-	-	-	-	-	-
Apparel and other fabricated textile products	-	-	-	-	-	-	-	-
Paper and allied products	-	-	-	-	-	-	-	-
Chemicals and allied products	-	-	-	-	-	-	-	-
Other nondurable goods	-	-	-	-	-	-	-	-
Not specified manufacturing industries	-	-	-	-	-	-	-	-
Nonmanufacturing industries	63	34	24	24	-	-	5	-
Transportation, communications, and other public utilities	21	14	7	7	-	-	-	-
Wholesale and retail trade	19	14	-	-	-	-	5	-
All other industries	23	6	17	17	-	-	-	-
Transport equipment operatives	**433**	**318**	**115**	**67**	**8**	**40**	-	-
Bus drivers	40	40	-	-	-	-	-	-
Taxicab drivers and chauffeurs	36	15	21	14	-	7	-	-
Truck drivers and deliverymen	319	242	77	36	8	33	-	-
Other transport equipment operatives	38	21	17	17	-	-	-	-
Laborers, except farm	**347**	**198**	**141**	**29**	**34**	**78**	**8**	-
Construction laborers	104	78	26	-	6	20	-	-
Freight, stock, and material handlers	96	72	24	8	-	16	-	-
Other specified laborers	119	27	84	21	21	42	8	-
Miscellaneous and not specified laborers	28	21	7	-	7	-	-	-
Occupation:								
Miscellaneous laborers	-	-	-	-	-	-	-	-
Not specified laborers	28	21	7	-	7	-	-	-
Industry:								
Manufacturing	18	11	7	-	7	-	-	-
Durable goods	12	5	7	-	7	-	-	-
Wood products, including furniture	-	-	-	-	-	-	-	-
Metal industries	-	-	-	-	-	-	-	-
Machinery, including electrical	-	-	-	-	-	-	-	-
Transportation equipment	5	5	-	-	-	-	-	-
Other durable goods	7	-	7	-	7	-	-	-
Nondurable goods	6	6	-	-	-	-	-	-
Food and kindred products	6	6	-	-	-	-	-	-
Not specified manufacturing industries	-	-	-	-	-	-	-	-
Nonmanufacturing industries	10	10	-	-	-	-	-	-
Railroads and railway express service	-	-	-	-	-	-	-	-
Transportation, except railroads	-	-	-	-	-	-	-	-
Communications, and utilities and sanitary services	-	-	-	-	-	-	-	-
Wholesale and retail trade	5	5	-	-	-	-	-	-
All other industries	5	5	-	-	-	-	-	-
Farmers and farm managers	**29**	-	-	-	-	-	**29**	-
Farm laborers and farm foremen	**109**	**109**	-	-	-	-	-	-
Paid farm laborers and farm foremen	109	109	-	-	-	-	-	-
Unpaid family workers	-	-	-	-	-	-	-	-
Service workers, except private household[1]	**527**	**286**	**241**	**61**	**81**	**99**	-	-
Cleaning service workers	207	92	115	34	59	22	-	-
Food service workers	160	126	34	21	13	-	-	-
Cooks, except private household	67	54	13	13	-	-	-	-
Busboys and dishwashers	28	28	-	-	-	-	-	-
Health service workers	6	6	-	-	-	-	-	-
Personal service workers	35	35	-	-	-	-	-	-
Protective service workers	111	19	92	6	9	77	-	-
Firemen, fire protection	13	-	13	6	-	7	-	-
Guards and watchmen	28	19	9	-	9	-	-	-
Policemen and detectives	70	-	70	-	-	70	-	-
Private household workers	**5**	**5**	-	-	-	-	-	-

[1]Includes allocated cases not shown separately.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
THE STATE—Continued								
Persons of Spanish Language—Continued								
Female, 16 years old and over	**2 307**	**1 761**	**531**	**247**	**235**	**49**	**8**	**7**
Professional, technical, and kindred workers	**248**	**147**	**93**	**12**	**74**	**7**	**8**	-
Accountants	-	-	-	-	-	-	-	-
Computer specialists	-	-	-	-	-	-	-	-
Librarians	7	-	7	-	7	-	-	-
Mathematical specialists	-	-	-	-	-	-	-	-
Life and physical scientists	-	-	-	-	-	-	-	-
Registered nurses, dietitians, and therapists	35	21	6	-	6	-	8	-
Dietitians	-	-	-	-	-	-	-	-
Registered nurses	35	21	6	-	6	-	8	-
Health technologists and technicians	18	18	-	-	-	-	-	-
Social scientists	-	-	-	-	-	-	-	-
Social and recreation workers	4	-	4	-	4	-	-	-
Teachers: College and university	7	-	7	-	7	-	-	-
Elementary and prekindergarten	37	-	37	7	30	-	-	-
Secondary	22	15	7	-	-	7	-	-
Other teachers	27	27	-	-	-	-	-	-
Engineering and science technicians	4	4	-	-	-	-	-	-
Technicians, except health, and engineering and science	-	-	-	-	-	-	-	-
Writers, artists, and entertainers	30	30	-	-	-	-	-	-
Actors and dancers	6	6	-	-	-	-	-	-
Authors, editors, and reporters	-	-	-	-	-	-	-	-
Other professional, technical, and kindred workers	57	32	25	5	20	-	-	-
Managers and administrators, except farm	**18**	**13**	**5**	-	**5**	-	-	-
Buyers, purchasing agents, and sales managers	5	5	-	-	-	-	-	-
Restaurant, cafeteria, and bar managers	-	-	-	-	-	-	-	-
School administrators	5	-	5	-	5	-	-	-
Other specified managers and administrators	8	8	-	-	-	-	-	-
Managers and administrators, n.e.c., salaried	-	-	-	-	-	-	-	-
Wholesale and retail trade	-	-	-	-	-	-	-	-
Managers and administrators, n.e.c., self-employed	-	-	-	-	-	-	-	-
Wholesale and retail trade	-	-	-	-	-	-	-	-
Sales workers	**225**	**202**	**23**	**23**	-	-	-	-
Demonstrators, hucksters, and peddlers	17	17	-	-	-	-	-	-
Insurance, real estate agents, and brokers	14	14	-	-	-	-	-	-
Sales clerks, retail trade	150	150	-	-	-	-	-	-
Salesmen, retail trade	-	-	-	-	-	-	-	-
Other sales workers	44	21	23	23	-	-	-	-
Clerical and kindred workers	**675**	**480**	**195**	**117**	**73**	**5**	-	-
Bank tellers	8	8	-	-	-	-	-	-
Bookkeepers	24	17	7	7	-	-	-	-
Cashiers	98	79	19	19	-	-	-	-
Counter clerks, except food	43	43	-	-	-	-	-	-
Enumerators and interviewers	8	-	8	8	-	-	-	-
File clerks	48	33	15	7	8	-	-	-
Office machine operators	7	7	-	-	-	-	-	-
Bookkeeping and billing machine operators	-	-	-	-	-	-	-	-
Keypunch operators	7	7	-	-	-	-	-	-
Payroll and timekeeping clerks	11	11	-	-	-	-	-	-
Receptionists	19	6	13	-	8	5	-	-
Secretaries	125	70	55	39	16	-	-	-
Stenographers	5	5	-	-	-	-	-	-
Telephone operators	23	23	-	-	-	-	-	-
Typists	71	39	32	19	13	-	-	-
Other clerical and kindred workers	185	139	46	18	28	-	-	-
Craftsmen and kindred workers	**44**	**44**	-	-	-	-	-	-
Foremen, n.e.c.	22	22	-	-	-	-	-	-
Operatives, except transport	**173**	**155**	**11**	**11**	-	-	-	**7**
Assemblers	-	-	-	-	-	-	-	-
Bottling and canning operatives	9	9	-	-	-	-	-	-
Checkers, examiners, and inspectors, manufacturing	4	4	-	-	-	-	-	-
Dressmakers and seamstresses, except factory	-	-	-	-	-	-	-	-
Laundry and drycleaning operatives, including ironers	20	13	7	7	-	-	-	-
Graders and sorters, manufacturing	15	15	-	-	-	-	-	-
Packers and wrappers, except produce	29	29	-	-	-	-	-	-
Sewers and stitchers	26	26	-	-	-	-	-	-
Textile operatives	-	-	-	-	-	-	-	-
Other specified operatives	51	40	4	4	-	-	-	7
Miscellaneous and not specified operatives	19	19	-	-	-	-	-	-
Manufacturing	19	19	-	-	-	-	-	-
Durable goods	-	-	-	-	-	-	-	-
Machinery, including electrical	-	-	-	-	-	-	-	-
Other durable goods	-	-	-	-	-	-	-	-
Nondurable goods, including not specified manufacturing	19	19	-	-	-	-	-	-
Food and kindred products	19	19	-	-	-	-	-	-
Apparel and other fabricated textile products	-	-	-	-	-	-	-	-
Nonmanufacturing industries	-	-	-	-	-	-	-	-
Transport equipment operatives	**7**	**7**	-	-	-	-	-	-
Laborers, except farm	**64**	**57**	**7**	-	-	**7**	-	-
Farmers and farm managers	-	-	-	-	-	-	-	-
Farm laborers and farm foremen	**8**	**8**	-	-	-	-	-	-
Paid farm laborers and farm foremen	8	8	-	-	-	-	-	-
Unpaid family workers	-	-	-	-	-	-	-	-
Service workers, except private household[1]	**790**	**593**	**197**	**84**	**83**	**30**	-	-
Cleaning service workers	182	101	81	11	52	18	-	-
Chambermaids and maids	47	47	-	-	-	-	-	-
Food service workers	424	338	86	50	31	5	-	-
Cooks, except private household	98	78	20	9	11	-	-	-
Waiters and food counter workers	227	186	41	41	-	-	-	-
Health service workers	56	49	7	-	-	7	-	-
Nursing aides, orderlies, and attendants	43	36	7	-	-	7	-	-
Practical nurses	13	13	-	-	-	-	-	-
Personal service workers	116	93	23	23	-	-	-	-
Hairdressers and cosmetologists	41	41	-	-	-	-	-	-
Private household workers	**55**	**55**	-	-	-	-	-	-
Private household workers, living in	10	10	-	-	-	-	-	-
Private household workers, living out	45	45	-	-	-	-	-	-

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
HONOLULU SMSA								
Total								
Male, 16 years old and over	**133 896**	**91 135**	**35 933**	**21 091**	**9 276**	**5 566**	**6 670**	**158**
Professional, technical, and kindred workers	**22 187**	**9 904**	**10 571**	**4 745**	**4 901**	**925**	**1 712**	**-**
Accountants	1 951	1 206	562	358	153	51	183	-
Architects	353	223	64	52	7	5	66	-
Computer specialists	741	355	382	302	72	8	4	-
Engineers	3 319	1 481	1 729	1 294	257	178	109	-
Aeronautical and astronautical	31	19	12	12	-	-	-	-
Civil	988	380	564	249	190	125	44	-
Electrical and electronic	1 008	511	479	455	13	11	18	-
Mechanical	346	144	196	186	6	4	6	-
Other engineers	946	427	478	392	48	38	41	-
Lawyers and judges	534	175	178	64	90	24	181	-
Life and physical scientists	548	168	364	166	171	27	16	-
Chemists	157	55	97	50	42	5	5	-
Physicians, dentists, and related practitioners	1 269	529	148	65	67	16	592	-
Dentists	331	58	8	8	-	-	265	-
Pharmacists	141	105	16	9	7	-	20	-
Physicians, medical and osteopathic	710	335	108	44	48	16	267	-
Other related practitioners	87	31	16	4	12	-	40	-
Health technologists and technicians	220	96	124	72	52	-	-	-
Religious workers	447	405	11	4	7	-	31	-
Social scientists	335	129	186	68	69	49	20	-
Social and recreation workers	324	68	249	36	145	68	7	-
Teachers	3 183	602	2 518	51	2 325	142	63	-
College and university	1 407	145	1 262	11	1 245	6	-	-
Elementary and prekindergarten	536	122	410	4	373	33	4	-
Secondary	943	206	737	6	642	89	-	-
Engineering and science technicians	2 385	1 302	1 072	672	264	136	11	-
Draftsmen and surveyors	1 082	656	415	159	143	113	11	-
Electrical and electronic engineering technicians	812	405	407	389	18	-	-	-
Technicians, except health, and engineering and science	975	402	573	498	40	35	-	-
Airplane pilots	344	325	19	19	-	-	-	-
Writers, artists, and entertainers	2 029	1 346	442	239	124	79	241	-
Other professional, technical, and kindred workers	3 574	1 417	1 969	804	1 058	107	188	-
Managers and administrators, except farm	**16 646**	**11 499**	**3 242**	**1 854**	**987**	**401**	**1 894**	**11**
Buyers, purchasing agents, and sales managers	1 607	1 350	209	170	18	21	48	-
School administrators	337	51	286	15	248	23	-	-
Specified managers and administrators, public administration	1 966	-	1 966	1 244	434	288	-	-
Other specified managers and administrators	3 639	2 939	337	229	103	5	359	4
Managers and administrators, n.e.c., salaried	7 603	7 159	444	196	184	64	-	-
Manufacturing	796	758	38	38	-	-	-	-
Wholesale and retail trade	2 329	2 252	77	71	-	6	-	-
Transportation, communications and other public utilities	1 061	1 021	40	13	5	22	-	-
All other industries	3 417	3 128	289	74	179	36	-	-
Managers and administrators, n.e.c., self-employed	1 494	-	-	-	-	-	1 487	7
Construction	312	-	-	-	-	-	312	-
Manufacturing	118	-	-	-	-	-	118	-
Wholesale and retail trade	673	-	-	-	-	-	673	-
All other industries	391	-	-	-	-	-	384	7
Sales workers	**7 572**	**6 787**	**109**	**67**	**35**	**7**	**670**	**6**
Insurance agents, brokers, and underwriters	954	890	14	5	9	-	50	-
Real estate agents and brokers	615	432	4	-	-	4	179	-
Sales representatives, manufacturing industries	458	449	-	-	-	-	9	-
Sales representatives, wholesale trade	1 582	1 515	4	4	-	-	63	-
Sales clerks, retail trade	1 456	1 318	29	29	-	-	109	-
Salesmen, retail trade	895	850	-	-	-	-	45	-
Salesmen of services and construction	356	320	15	11	4	-	21	-
Other sales workers	1 256	1 013	43	18	22	3	194	6
Clerical and kindred workers	**11 097**	**6 157**	**4 799**	**3 765**	**812**	**222**	**127**	**14**
Bank tellers and cashiers	320	267	53	28	15	10	-	-
Bookkeepers and billing clerks	884	582	275	189	75	11	21	6
Mail handlers and postal clerks	1 226	70	1 156	1 127	29	-	-	-
Other clerical and kindred workers	8 667	5 238	3 315	2 421	693	201	106	8
Craftsmen and kindred workers	**33 658**	**24 924**	**7 788**	**6 373**	**639**	**776**	**928**	**18**
Apparel craftsmen and upholsterers	231	215	7	7	-	-	9	-
Bakers	309	287	-	-	-	-	22	-
Cabinetmakers	191	165	18	18	-	-	8	-
Construction craftsmen	12 689	9 928	2 411	1 931	271	209	345	5
Carpenters	4 615	4 044	476	355	100	21	90	5
Excavating, grading, and road machine operators	991	823	168	71	42	55	-	-
Electricians	1 870	1 124	703	652	23	28	43	-
Masons and tile setters	1 115	996	64	35	6	23	55	-
Painters, construction and maintenance, and paperhangers	1 323	926	314	238	63	13	83	-
Plasterers and cement finishers	523	500	-	-	-	-	23	-
Plumbers and pipe fitters	1 638	920	676	570	37	69	42	-
Other construction craftsmen	614	595	10	10	-	-	9	-
Foremen, n.e.c.	3 306	2 561	729	496	75	158	16	-
Manufacturing	880	715	159	159	-	-	6	-
Nonmanufacturing industries	2 426	1 846	570	337	75	158	10	-
Linemen and servicemen, telephone and power	1 627	1 450	177	156	4	17	-	-
Locomotive engineers and firemen	-	-	-	-	-	-	-	-
Mechanics and repairmen	7 385	5 055	2 077	1 825	125	127	253	-
Air conditioning, heating, and refrigeration	434	211	218	218	-	-	5	-
Aircraft	856	582	274	256	18	-	-	-
Automobile, including body	2 414	1 918	372	286	50	36	124	-
Radio and television	674	229	395	367	16	12	50	-
Other mechanics and repairmen	3 007	2 115	818	698	41	79	74	-
Metal craftsmen, except mechanics	1 852	870	971	966	5	-	11	-
Machinists and job and die setters	854	258	596	596	-	-	-	-
Sheetmetal workers and tinsmiths	553	423	130	130	-	-	-	-
Tool and die makers	59	35	24	24	-	-	-	-
Other metal craftsmen	386	154	221	216	5	-	11	-
Printing craftsmen	605	528	62	26	23	13	15	-
Compositors and typesetters	327	283	29	10	6	13	15	-
Pressmen and plate printers, printing	194	161	33	16	17	-	-	-
Stationary engineers and power station operators	412	270	142	95	6	41	-	-
Other craftsmen and kindred workers	5 051	3 595	1 194	853	130	211	249	13

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
HONOLULU SMSA—Continued								
Total—Continued								
Male, 16 years old and over—Continued								
Operatives, except transport	**9 463**	**7 914**	**1 352**	**1 164**	**114**	**74**	**186**	**11**
Assemblers	129	124	5	5	-	-	-	-
Checkers, examiners, and inspectors, manufacturing	105	83	22	22	-	-	-	-
Garage workers and gas station attendants	1 587	1 470	98	86	-	12	19	-
Laundry and drycleaning operatives, n.e.c.	176	153	13	8	5	-	10	-
Meat cutters and butchers	438	368	48	43	5	-	22	-
Mine operatives, n.e.c.	39	39	-	-	-	-	-	-
Packers and wrappers, except produce	335	269	56	51	-	5	10	-
Painters, manufactured articles	168	133	22	22	-	-	6	7
Precision machine operatives	84	57	24	24	-	-	3	-
Sewyers	14	14	-	-	-	-	-	-
Stationary firemen	161	84	77	58	5	14	-	-
Textile operatives	3	3	-	-	-	-	-	-
Welders and flamecutters	1 231	896	326	317	9	-	9	-
Other metalworking operatives	131	114	17	17	-	-	-	-
Other specified operatives	2 302	2 044	207	162	39	6	51	-
Miscellaneous and not specified operatives	2 560	2 063	437	349	51	37	56	4
Occupation:								
Machine operatives, miscellaneous specified	754	626	114	106	-	8	14	-
Machine operatives, not specified	320	286	28	23	-	5	6	-
Miscellaneous operatives	1 270	969	269	199	46	24	32	-
Not specified operatives	216	182	26	21	5	-	4	4
Industry:								
Manufacturing	1 220	1 087	101	101	-	-	28	4
Durable goods	443	335	91	91	-	-	17	-
Wood products, including furniture	41	41	-	-	-	-	-	-
Primary metal industries	39	39	-	-	-	-	-	-
Fabricated metal industries	58	58	-	-	-	-	-	-
Machinery, including electrical	22	22	-	-	-	-	-	-
Motor vehicles and equipment	4	4	-	-	-	-	-	-
Transportation equipment, except motor vehicles	116	25	91	91	-	-	-	-
Other durable goods	163	146	-	-	-	-	17	-
Nondurable goods	775	750	10	10	-	-	11	4
Food and kindred products	586	571	-	-	-	-	11	4
Apparel and other fabricated textile products	10	10	-	-	-	-	-	-
Paper and allied products	70	70	-	-	-	-	-	-
Chemicals and allied products	16	16	-	-	-	-	-	-
Other nondurable goods	93	83	10	10	-	-	-	-
Not specified manufacturing industries	2	2	-	-	-	-	-	-
Nonmanufacturing industries	1 340	976	336	248	51	37	28	-
Transportation, communications, and other public utilities	389	370	19	13	6	-	-	-
Wholesale and retail trade	211	195	6	6	-	-	10	-
All other industries	740	411	311	229	45	37	18	-
Transport equipment operatives	**7 116**	**5 798**	**1 032**	**636**	**109**	**287**	**245**	**41**
Bus drivers	472	428	44	39	5	-	-	-
Taxicab drivers and chauffeurs	762	490	105	34	9	62	167	-
Truck drivers and deliverymen	4 385	3 699	621	354	88	179	46	19
Other transport equipment operatives	1 497	1 181	262	209	7	46	32	22
Laborers, except farm	**10 094**	**7 607**	**2 247**	**1 080**	**361**	**806**	**231**	**9**
Construction laborers	2 470	2 214	256	71	88	97	-	-
Freight, stock, and material handlers	3 785	2 892	891	585	60	246	7	5
Other specified laborers	2 979	1 902	862	315	175	372	211	4
Miscellaneous and not specified laborers	860	609	238	109	38	91	13	-
Occupation:								
Miscellaneous laborers	142	59	70	13	5	52	13	-
Not specified laborers	718	550	168	96	33	39	-	-
Industry:								
Manufacturing	238	203	35	29	6	-	-	-
Durable goods	152	117	35	29	6	-	-	-
Wood products, including furniture	14	14	-	-	-	-	-	-
Metal industries	43	43	-	-	-	-	-	-
Machinery, including electrical	16	16	-	-	-	-	-	-
Transportation equipment	42	13	29	29	-	-	-	-
Other durable goods	37	31	6	-	6	-	-	-
Nondurable goods	80	80	-	-	-	-	-	-
Food and kindred products	64	64	-	-	-	-	-	-
Not specified manufacturing industries	6	6	-	-	-	-	-	-
Nonmanufacturing industries	622	406	203	80	32	91	13	-
Railroads and railway express service	-	-	-	-	-	-	-	-
Transportation, except railroads	49	49	-	-	-	-	-	-
Communications, and utilities and sanitary services	83	27	56	3	5	48	-	-
Wholesale and retail trade	133	126	-	-	-	-	7	-
All other industries	357	204	147	77	27	43	6	-
Farmers and farm managers	**455**	**87**	**10**	**10**	-	-	**358**	-
Farm laborers and farm foremen	**1 774**	**1 578**	**155**	**27**	**86**	**42**	**10**	**31**
Paid farm laborers and farm foremen	1 743	1 578	155	27	86	42	10	-
Unpaid family workers	31	-	-	-	-	-	-	31
Service workers, except private household[1]	**13 776**	**8 822**	**4 628**	**1 370**	**1 232**	**2 026**	**309**	**17**
Cleaning service workers	3 443	2 233	1 175	376	633	166	25	10
Food service workers	3 880	3 388	388	269	100	19	97	7
Cooks, except private household	1 630	1 312	210	140	62	8	88	-
Busboys and dishwashers	932	844	81	66	10	5	-	7
Health service workers	349	182	167	31	106	30	-	-
Personal service workers	1 726	1 326	258	98	67	93	142	-
Protective service workers	2 920	589	2 322	516	232	1 574	9	-
Firemen, fire protection	969	5	964	258	19	687	-	-
Guards and watchmen	866	533	333	153	122	58	-	-
Policemen and detectives	1 063	51	1 003	101	81	821	9	-
Private household workers	**58**	**58**	-	-	-	-	-	-

[1] Includes allocated cases not shown separately.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Total employed	Private wage and salary workers	Government workers				Self-employed workers	Unpaid family workers
			Total	Federal	State	Local		
HONOLULU SMSA—Continued								
Total—Continued								
Female, 16 years old and over	**96 356**	**67 823**	**24 893**	**8 914**	**14 093**	**1 886**	**2 907**	**733**
Professional, technical, and kindred workers	**17 179**	**7 327**	**9 215**	**1 033**	**7 381**	**801**	**613**	**24**
Accountants	1 108	727	367	259	83	25	14	-
Computer specialists	237	102	128	70	41	17	7	-
Librarians	479	76	398	42	339	17	-	5
Mathematical specialists	60	29	31	11	20	-	-	-
Life and physical scientists	75	17	58	13	45	-	-	-
Registered nurses, dietitians, and therapists	2 688	2 071	556	120	408	28	61	-
Dietitians	66	36	30	-	30	-	-	-
Registered nurses	2 456	1 946	449	120	301	28	61	-
Health technologists and technicians	514	393	121	53	68	-	-	-
Social scientists	87	55	32	-	27	5	-	-
Social and recreation workers	535	122	413	44	297	72	-	-
Teachers: College and university	560	111	449	4	445	-	-	-
Elementary and prekindergarten	5 027	1 128	3 894	62	3 419	413	5	-
Secondary	1 338	240	1 098	-	980	118	-	-
Other teachers	494	135	140	27	113	-	219	-
Engineering and science technicians	206	103	98	24	64	10	5	-
Technicians, except health, and engineering and science	83	9	74	48	14	12	-	-
Writers, artists, and entertainers	1 188	840	174	59	95	20	174	-
Actors and dancers	166	162	-	-	-	-	4	-
Authors, editors, and reporters	151	106	32	15	17	-	13	-
Other professional, technical, and kindred workers	2 500	1 169	1 184	197	923	64	128	19
Managers and administrators, except farm	**4 887**	**3 333**	**948**	**345**	**525**	**78**	**523**	**83**
Buyers, purchasing agents, and sales managers	598	491	64	59	5	-	31	12
Restaurant, cafeteria, and bar managers	570	317	160	17	133	10	88	5
School administrators	245	66	173	-	140	33	6	-
Other specified managers and administrators	1 242	741	431	211	191	29	65	5
Managers and administrators, n.e.c., salaried	1 838	1 718	120	58	56	6	-	-
Wholesale and retail trade	703	672	31	31	-	-	-	-
Managers and administrators, n.e.c., self-employed	394	-	-	-	-	-	333	61
Wholesale and retail trade	224	-	-	-	-	-	200	24
Sales workers	**8 902**	**7 998**	**514**	**431**	**74**	**9**	**296**	**94**
Demonstrators, hucksters, and peddlers	433	374	-	-	-	-	49	10
Insurance, real estate agents, and brokers	650	584	6	-	6	-	60	-
Sales clerks, retail trade	5 770	5 228	358	316	38	4	129	55
Salesmen, retail trade	142	142	-	-	-	-	-	-
Other sales workers	1 907	1 670	150	115	30	5	58	29
Clerical and kindred workers	**33 783**	**22 618**	**10 730**	**5 652**	**4 413**	**665**	**202**	**233**
Bank tellers	817	793	22	5	17	-	-	2
Bookkeepers	2 990	2 357	533	382	116	35	46	54
Cashiers	2 580	2 117	413	327	44	42	29	21
Counter clerks, except food	663	593	60	46	14	-	10	-
Enumerators and interviewers	180	33	147	118	29	-	-	-
File clerks	920	542	378	184	161	33	-	-
Office machine operators	1 119	686	433	291	120	22	-	-
Bookkeeping and billing machine operators	160	129	31	19	12	-	-	-
Keypunch operators	707	413	294	218	66	10	-	-
Payroll and timekeeping clerks	374	252	122	85	20	17	-	-
Receptionists	1 003	867	120	29	78	13	5	11
Secretaries	6 915	4 658	2 175	1 230	831	114	25	57
Stenographers	1 298	248	1 050	386	559	105	-	-
Telephone operators	1 041	879	162	79	53	30	-	-
Typists	3 640	1 769	1 854	907	878	69	9	8
Other clerical and kindred workers	10 243	6 824	3 261	1 583	1 493	185	78	80
Craftsmen and kindred workers	**1 691**	**1 350**	**272**	**146**	**96**	**30**	**69**	-
Foremen, n.e.c.	491	413	70	48	18	4	8	-
Operatives, except transport	**7 442**	**6 767**	**365**	**259**	**102**	**4**	**253**	**57**
Assemblers	48	48	-	-	-	-	-	-
Bottling and canning operatives	98	98	-	-	-	-	-	-
Checkers, examiners, and inspectors; manufacturing	138	138	-	-	-	-	-	-
Dressmakers and seamstresses, except factory	639	441	9	-	9	-	185	4
Laundry and drycleaning operatives, including ironers	904	714	190	157	33	-	-	-
Graders and sorters, manufacturing	24	24	-	-	-	-	-	-
Packers and wrappers, except produce	1 290	1 274	16	16	-	-	-	-
Sewers and stitchers	1 623	1 587	14	9	5	-	16	6
Textile operatives	7	7	-	-	-	-	-	-
Other specified operatives	1 391	1 261	68	57	7	4	32	30
Miscellaneous and not specified operatives	1 280	1 175	68	20	48	-	20	17
Manufacturing	913	890	-	-	-	-	14	9
Durable goods	99	91	-	-	-	-	8	-
Machinery, including electrical	3	3	-	-	-	-	-	-
Other durable goods	96	88	-	-	-	-	8	-
Nondurable goods, including not specified manufacturing	814	799	-	-	-	-	6	9
Food and kindred products	668	658	-	-	-	-	6	4
Apparel and other fabricated textile products	60	60	-	-	-	-	-	-
Nonmanufacturing industries	367	285	68	20	48	-	6	8
Transport equipment operatives	**296**	**262**	**4**	**-**	**4**	**-**	**30**	**-**
Laborers, except farm	**749**	**584**	**145**	**85**	**37**	**23**	**20**	**-**
Farmers and farm managers	**172**	**10**	**-**	**-**	**-**	**-**	**156**	**6**
Farm laborers and farm foremen	**574**	**410**	**13**	**13**	**-**	**-**	**-**	**151**
Paid farm laborers and farm foremen	423	410	13	13	-	-	-	-
Unpaid family workers	151	-	-	-	-	-	-	151
Service workers, except private household[1]	**19 265**	**15 763**	**2 687**	**950**	**1 461**	**276**	**730**	**85**
Cleaning service workers	3 175	2 494	665	286	303	76	16	-
Chambermaids and maids	1 466	1 429	32	20	7	5	5	-
Food service workers	8 680	7 464	1 026	364	562	100	135	55
Cooks, except private household	1 445	1 141	243	62	151	30	51	10
Waiters and food counter workers	5 258	4 840	310	229	70	11	71	37
Health service workers	1 900	1 468	406	106	276	24	16	10
Nursing aides, orderlies, and attendants	808	609	192	57	116	19	7	-
Practical nurses	467	322	136	16	115	5	9	-
Personal service workers	3 172	2 441	236	106	109	21	481	14
Hairdressers and cosmetologists	1 146	918	10	10	-	-	211	7
Private household workers	**1 416**	**1 401**	**-**	**-**	**-**	**-**	**15**	**-**
Private household workers, living in	148	148	-	-	-	-	-	-
Private household workers, living out	1 268	1 253	-	-	-	-	15	-

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Persons 14 and 15 years old	Persons 16 years old and over: Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
THE STATE													
Total													
Male employed	**1 472**	**168 948**	**3 762**	**5 479**	**17 991**	**20 896**	**16 885**	**36 782**	**37 927**	**14 903**	**9 557**	**4 758**	**40.3**
Professional, technical, and kindred workers	**40**	**25 566**	**58**	**232**	**2 306**	**4 280**	**3 654**	**6 877**	**5 152**	**1 498**	**879**	**630**	**38.3**
Accountants	–	2 270	–	3	316	345	275	449	474	229	111	68	39.4
Architects	–	357	–	–	6	44	48	136	89	15	14	5	40.9
Computer specialists	–	771	–	–	57	214	166	230	98	6	–	–	33.4
Engineers	–	3 602	–	14	190	508	580	1 105	828	210	136	31	39.6
Aeronautical and astronautical	–	31	–	–	–	–	8	23	–	–	–	–	...
Civil	–	1 059	–	3	50	106	192	387	228	58	26	9	39.6
Electrical and electronic	–	1 097	–	5	82	225	160	357	218	7	31	12	37.1
Mechanical	–	388	–	6	44	57	48	80	81	49	23	–	39.9
Other engineers	–	1 027	–	–	14	120	172	258	301	96	56	10	43.0
Lawyers and judges	–	590	–	–	14	94	98	150	141	31	31	31	40.9
Life and physical scientists	–	708	–	6	18	114	97	198	211	32	26	6	41.0
Chemists	–	182	–	–	7	18	40	48	43	22	4	–	40.4
Physicians, dentists, and related practitioners	–	1 448	–	–	9	115	150	473	376	97	90	138	44.5
Dentists	–	381	–	–	–	21	42	147	101	5	27	38	43.7
Pharmacists	–	160	–	–	5	9	22	44	29	15	19	17	45.0
Physicians, medical and osteopathic	–	810	–	–	4	81	75	254	209	73	44	70	44.6
Other related practitioners	–	97	–	–	–	4	11	28	37	4	–	13	...
Health technologists and technicians	–	270	–	5	28	56	48	83	36	10	–	4	34.8
Religious workers	–	592	–	–	43	50	50	193	91	81	33	51	42.9
Social scientists	–	358	–	–	6	67	65	99	78	29	4	10	39.1
Social and recreation workers	–	399	–	5	45	77	35	130	54	29	24	–	37.9
Teachers	5	3 820	4	15	395	753	598	1 056	603	206	106	84	36.4
College and university	–	1 518	–	5	162	316	216	422	232	104	44	17	36.4
Elementary and prekindergarten	–	698	–	5	101	107	126	163	125	29	27	15	35.6
Secondary	–	1 281	4	5	100	301	242	377	149	53	22	28	34.8
Engineering and science technicians	–	2 871	–	44	332	644	471	710	497	100	54	19	34.4
Draftsmen and surveyors	–	1 281	–	24	169	283	154	324	234	44	30	19	35.3
Electrical and electronic engineering technicians	–	982	–	–	84	238	236	218	171	30	5	–	33.6
Technicians, except health, and engineering and science	–	1 144	5	8	65	169	176	362	330	10	15	4	39.1
Airplane pilots	–	383	5	–	13	77	24	89	175	–	–	–	43.1
Writers, artists, and entertainers	35	2 233	40	88	281	337	221	444	498	139	65	120	38.4
Other professional, technical, and kindred workers	–	4 133	9	44	501	693	576	1 059	748	274	170	59	37.3
Managers and administrators, except farm	**10**	**19 718**	**51**	**63**	**889**	**1 820**	**1 832**	**5 419**	**6 101**	**1 815**	**1 090**	**638**	**44.6**
Buyers, purchasing agents, and sales managers	–	1 736	–	8	98	223	168	471	572	121	62	15	42.9
School administrators	–	456	–	–	2	18	61	216	81	41	30	7	41.8
Specified managers and administrators, public administration	–	2 324	3	5	60	101	158	660	995	208	110	24	46.8
Other specified managers and administrators	5	4 139	20	21	265	515	410	1 102	1 137	311	176	182	42.6
Managers and administrators, n.e.c., salaried	5	9 202	28	29	426	830	951	2 549	2 718	873	554	244	44.2
Manufacturing	–	1 027	–	–	19	48	83	277	329	114	129	28	47.6
Wholesale and retail trade	–	2 773	23	13	173	346	266	731	777	267	123	54	42.7
Transportation, communications, and other public utilities	–	1 330	–	–	62	88	152	360	455	120	74	19	45.1
All other industries	5	4 072	5	16	172	348	450	1 181	1 157	372	228	143	43.8
Managers and administrators, n.e.c., self-employed	–	1 859	–	–	38	133	84	421	598	261	158	166	49.2
Construction	–	369	–	–	6	50	20	53	163	42	25	10	48.4
Manufacturing	–	137	–	–	4	5	5	18	49	30	14	12	52.4
Wholesale and retail trade	–	892	–	–	12	59	32	249	234	104	88	114	49.0
All other industries	–	461	–	–	16	19	27	101	152	85	31	30	49.4
Sales workers	**601**	**8 723**	**158**	**215**	**829**	**1 142**	**843**	**1 895**	**1 967**	**774**	**488**	**412**	**41.2**
Insurance agents, brokers, and underwriters	–	1 087	–	–	50	109	103	318	333	82	28	64	43.9
Real estate agents and brokers	5	699	–	–	6	12	58	126	264	85	76	72	50.6
Sales representatives, manufacturing industries	–	509	–	14	12	66	57	152	110	49	35	14	41.9
Sales representatives, wholesale trade	5	1 791	3	24	92	306	248	420	439	141	69	49	40.3
Sales clerks, retail trade	23	1 676	77	81	322	198	131	232	288	145	100	102	36.3
Salesmen, retail trade	–	1 120	6	43	101	159	114	260	194	111	73	59	40.3
Salesmen of services and construction	13	420	–	–	49	74	10	122	107	23	18	17	41.3
Other sales workers	555	1 421	72	53	197	218	122	265	232	138	89	35	36.8
Clerical and kindred workers	**60**	**13 207**	**257**	**480**	**2 061**	**1 895**	**1 162**	**2 932**	**2 715**	**872**	**535**	**298**	**37.6**
Bank tellers and cashiers	10	381	60	39	56	58	18	40	41	29	31	9	28.1
Bookkeepers and billing clerks	–	1 078	4	6	172	156	78	317	183	71	53	38	38.9
Mail handlers and postal clerks	–	1 440	5	56	179	217	150	339	350	87	32	25	38.3
Other clerical and kindred workers	50	10 308	188	379	1 654	1 464	916	2 236	2 141	685	419	226	37.5
Craftsmen and kindred workers	**48**	**41 967**	**190**	**767**	**4 410**	**5 308**	**4 631**	**9 447**	**10 881**	**3 896**	**1 890**	**487**	**41.0**
Apparel craftsmen and upholsterers	–	243	9	6	32	20	27	37	48	24	18	22	42.4
Bakers	–	345	5	12	36	18	36	84	102	32	17	3	42.8
Cabinetmakers	–	212	–	–	11	20	9	56	70	32	14	–	46.4
Construction craftsmen	13	15 961	62	302	1 530	2 173	1 787	3 410	4 157	1 564	760	216	41.2
Carpenters	–	5 819	19	112	516	627	501	1 201	1 792	647	324	80	44.4
Excavating, grading, and road machine operators	5	1 777	9	10	73	255	233	452	502	162	62	19	41.8
Electricians	–	2 231	–	10	243	304	315	604	491	171	60	33	39.0
Masons and tile setters	–	1 352	–	45	170	240	182	292	238	101	71	13	36.3
Painters, construction and maintenance, and paperhangers	8	1 628	13	28	75	153	163	295	470	278	108	45	46.9
Plasterers and cement finishers	–	561	13	5	82	137	60	84	117	37	26	–	33.6
Plumbers and pipe fitters	–	1 910	–	71	197	268	219	400	492	148	98	17	40.0
Other construction craftsmen	–	683	8	21	174	189	114	82	55	20	11	9	28.7
Foremen, n.e.c.	–	4 381	–	3	151	251	492	1 079	1 500	609	278	18	46.4
Manufacturing	–	1 313	–	–	45	56	96	243	488	229	153	3	49.4
Nonmanufacturing industries	–	3 068	–	3	106	195	396	836	1 012	380	125	15	45.0
Linemen and servicemen, telephone and power	–	1 953	–	20	443	359	311	400	358	42	14	6	32.5
Locomotive engineers and firemen	–	–	–	–	–	–	–	–	–	–	–	–	–
Mechanics and repairmen	6	9 381	65	242	994	1 215	1 058	2 372	2 264	752	352	67	39.7
Air conditioning, heating, and refrigeration	–	466	–	5	61	59	52	131	108	45	5	–	39.3
Aircraft	–	889	–	–	51	163	139	375	130	24	7	–	37.4
Automobile, including body	–	3 350	51	150	392	486	300	742	766	293	142	28	39.0
Radio and television	–	776	–	12	79	93	150	211	170	35	26	–	37.6
Other mechanics and repairmen	6	3 900	14	75	411	414	417	913	1 090	355	172	39	41.8
Metal craftsmen, except mechanics	5	2 156	–	31	252	372	198	447	540	224	81	11	40.0
Machinists and job and die setters	5	1 083	–	–	119	160	97	211	303	150	38	5	42.8
Sheetmetal workers and tinsmiths	–	577	–	22	73	143	60	156	96	20	7	–	34.2
Tool and die makers	–	69	–	5	18	10	5	11	9	5	–	6	...
Other metal craftsmen	–	427	–	4	42	59	36	69	132	49	36	–	45.3
Printing craftsmen	–	646	19	11	105	58	58	166	100	75	44	10	39.3
Compositors and typesetters	–	349	13	2	36	17	31	94	64	54	28	10	43.0
Pressmen and plate printers, printing	–	213	–	5	55	36	27	56	12	17	5	–	31.9
Stationary engineers and power station operators	–	607	–	–	33	63	87	107	184	100	28	5	45.7
Other craftsmen and kindred workers	24	6 022	30	140	823	759	568	1 289	1 558	442	284	129	40.4

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Persons 14 and 15 years old	Persons 16 years old and over: Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
THE STATE—Continued													
Total—Continued													
Male employed—Continued													
Operatives, except transport	**119**	**12 384**	**957**	**1 021**	**1 720**	**1 510**	**985**	**2 143**	**2 155**	**925**	**741**	**227**	**35.0**
Assemblers	–	140	11	10	40	24	–	20	24	5	6	–	26.9
Checkers, examiners, and inspectors; manufacturing	–	109	5	4	8	11	–	25	37	5	10	4	45.4
Garage workers and gas station attendants	81	1 886	663	497	343	87	57	72	99	23	33	12	19.1
Laundry and drycleaning operatives, n.e.c	–	206	23	29	16	5	24	31	18	23	23	14	36.9
Meat cutters and butchers	–	622	–	22	70	90	81	132	130	62	15	20	38.6
Mine operatives, n.e.c	–	44	–	–	5	–	15	5	10	4	–	5	...
Packers and wrappers, except produce	5	376	29	58	62	31	54	61	52	7	14	8	30.7
Painters, manufactured articles	–	214	5	17	29	22	10	48	51	10	22	–	40.0
Precision machine operatives	–	93	–	6	14	12	–	17	34	5	5	–	...
Sawyers	–	31	–	4	–	6	–	9	12	–	–	–	...
Stationary firemen	–	279	–	–	5	21	43	50	69	49	42	–	48.0
Textile operatives	–	13	–	–	5	–	–	–	3	5	–	–	...
Welders and flamecutters	7	1 700	3	30	219	304	98	397	472	108	55	14	39.9
Other metalworking operatives	–	131	–	6	12	8	23	17	45	16	–	4	44.7
Other specified operatives	12	2 831	70	166	491	390	282	550	390	223	194	75	35.3
Miscellaneous and not specified operatives	14	3 709	148	172	401	499	298	709	709	380	322	71	39.7
Occupation:													
Machine operatives, miscellaneous specified	3	1 153	22	32	111	139	118	193	268	125	114	31	43.0
Machine operatives, not specified	–	415	24	6	21	57	26	93	82	69	37	–	42.9
Miscellaneous operatives	11	1 778	86	115	256	245	119	355	279	158	130	35	36.9
Not specified operatives	–	363	16	19	13	58	35	68	80	28	41	5	41.0
Industry:													
Manufacturing	3	1 973	73	67	183	233	135	362	414	257	204	45	43.2
Durable goods	–	501	–	29	56	94	39	115	104	21	27	16	37.8
Wood products, including furniture	–	41	–	9	10	10	–	4	4	–	4	–	...
Primary metal industries	–	39	–	–	7	5	12	10	5	–	–	–	...
Fabricated metal industries	–	76	–	6	5	22	10	17	11	5	–	–	...
Machinery, including electrical	–	40	–	–	6	–	–	17	–	10	–	7	...
Motor vehicles and equipment	–	4	–	–	–	4	–	–	–	–	–	–	...
Transportation equipment, except motor vehicles	–	122	–	–	13	5	13	32	36	–	18	5	44.4
Other durable goods	–	179	–	14	15	48	4	35	48	6	5	4	37.4
Nondurable goods	3	1 470	73	38	125	139	96	247	310	236	177	29	45.5
Food and kindred products	3	1 267	62	38	69	96	86	208	300	222	166	20	47.5
Apparel and other fabricated textile products	–	10	–	–	5	–	–	5	–	–	–	–	...
Paper and allied products	–	70	–	–	18	20	4	9	5	9	5	–	...
Chemicals and allied products	–	16	–	–	11	–	–	–	–	5	–	–	...
Other nondurable goods	–	107	11	–	22	23	6	25	5	–	6	9	29.5
Not specified manufacturing industries	–	2	–	–	2	–	–	–	–	–	–	–	...
Nonmanufacturing industries	11	1 736	75	105	218	266	163	347	295	123	118	26	36.2
Transportation, communications, and other public utilities	–	442	7	18	75	94	56	103	58	18	13	–	32.4
Wholesale and retail trade	11	305	53	35	32	32	21	47	40	29	7	9	30.1
All other industries	–	989	15	52	111	140	86	197	197	76	98	17	39.6
Transport equipment operatives	**5**	**9 654**	**96**	**409**	**1 200**	**1 315**	**1 001**	**2 119**	**1 943**	**910**	**493**	**168**	**38.8**
Bus drivers	–	527	–	7	26	39	52	184	142	38	39	–	42.6
Taxicab drivers and chauffeurs	–	862	11	5	85	96	75	174	162	151	67	36	44.1
Truck drivers and deliverymen	–	6 557	50	298	870	923	735	1 389	1 336	581	334	41	37.9
Other transport equipment operatives	5	1 708	35	99	219	257	139	372	303	140	53	91	37.8
Laborers, except farm	**306**	**13 284**	**956**	**1 196**	**1 832**	**1 319**	**960**	**1 978**	**2 095**	**1 266**	**1 136**	**546**	**36.9**
Construction laborers	12	3 157	50	257	667	525	297	458	419	230	207	47	31.3
Freight, stock, and material handlers	60	4 531	658	595	668	361	306	625	698	328	256	36	29.8
Other specified laborers	192	4 324	193	242	322	351	298	684	796	550	499	389	45.9
Miscellaneous and not specified laborers	42	1 272	55	102	175	82	59	211	182	158	174	74	42.7
Occupation:													
Miscellaneous laborers	10	226	14	–	8	17	29	44	51	42	21	–	45.2
Not specified laborers	32	1 046	41	102	167	65	30	167	131	116	153	74	42.1
Industry:													
Manufacturing	–	407	20	27	44	38	18	59	68	45	83	5	44.6
Durable goods	–	163	11	19	26	14	10	45	21	7	5	5	35.3
Wood products, including furniture	–	14	–	–	–	5	–	5	4	–	–	–	...
Metal industries	–	47	6	10	18	4	–	9	–	–	–	–	...
Machinery, including electrical	–	16	5	–	–	–	–	6	–	–	–	5	...
Transportation equipment	–	42	–	9	8	5	4	4	12	–	–	–	...
Other durable goods	–	44	–	–	–	–	6	21	5	7	5	–	...
Nondurable goods	–	238	9	8	18	24	8	14	41	38	78	–	54.3
Food and kindred products	–	217	9	8	12	14	8	9	41	38	78	–	56.0
Not specified manufacturing industries	–	6	–	–	–	–	–	–	6	–	–	–	...
Nonmanufacturing industries	42	865	35	75	131	44	41	152	114	113	91	69	42.0
Railroads and railway express service	–	–	–	–	–	–	–	–	–	–	–	–	–
Transportation, except railroads	–	49	–	4	9	–	6	24	–	6	–	–	...
Communications, and utilities and sanitary services	–	119	–	–	8	17	15	34	16	29	–	–	40.7
Wholesale and retail trade	10	186	24	21	30	16	11	11	31	9	17	16	30.9
All other industries	32	511	11	50	84	11	9	83	67	69	74	53	46.1
Farmers and farm managers	**–**	**1 228**	**–**	**6**	**47**	**66**	**40**	**253**	**319**	**156**	**112**	**229**	**51.3**
Farm laborers and farm foremen	**47**	**6 125**	**147**	**155**	**369**	**347**	**343**	**880**	**1 535**	**1 103**	**964**	**282**	**50.4**
Paid farm laborers and farm foremen	47	6 075	147	141	361	332	343	875	1 530	1 103	964	279	50.5
Unpaid family workers	–	50	–	14	8	15	–	5	5	–	–	3	...
Service workers, except private household[1]	**232**	**17 071**	**886**	**935**	**2 308**	**1 894**	**1 434**	**2 829**	**3 049**	**1 684**	**1 217**	**835**	**38.8**
Cleaning service workers	83	4 385	286	254	374	257	199	598	878	583	498	458	47.6
Food service workers	98	4 641	477	478	829	476	294	609	595	470	295	118	31.0
Cooks, except private household	9	1 829	110	127	180	177	128	323	337	271	107	69	41.0
Busboys and dishwashers	44	1 112	233	216	238	55	33	66	77	61	100	33	22.2
Health service workers	–	456	7	14	48	24	31	95	91	68	68	10	46.0
Personal service workers	19	2 148	89	112	425	304	165	333	306	205	119	90	34.4
Protective service workers	–	3 747	–	28	427	646	570	891	820	209	94	62	37.3
Firemen, fire protection	–	1 199	–	–	85	248	208	241	348	55	9	5	37.4
Guards and watchmen	–	1 061	–	14	155	130	88	231	217	105	68	53	41.2
Policemen and detectives	–	1 445	–	14	183	268	263	410	249	37	17	4	34.9
Private household workers	**4**	**73**	**6**	**–**	**20**	**–**	**–**	**10**	**15**	**4**	**12**	**6**	...

[1]Includes allocated cases not shown separately.

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

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

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

	Persons 14 and 15 years old	Persons 16 years old and over: Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
THE STATE—Continued													
Total—Continued													
Female employed	782	116 616	2 610	5 626	18 867	14 488	12 010	27 541	23 931	6 556	3 172	1 815	36.7
Professional, technical, and kindred workers	31	19 978	88	244	3 234	3 772	3 040	4 733	2 957	1 053	566	301	34.4
Accountants	–	1 241	4	16	243	162	156	304	280	40	15	21	36.3
Computer specialists	–	237	–	9	53	63	29	51	13	10	9	–	29.5
Librarians	4	544	11	15	48	70	77	160	101	29	28	5	38.2
Mathematical specialists	–	60	–	–	4	9	5	22	15	–	–	5	...
Life and physical scientists	–	86	4	7	5	20	–	38	12	–	–	–	...
Registered nurses, dietitians, and therapists	4	3 081	5	5	438	558	592	790	492	149	29	23	34.5
Dietitians	–	85	5	–	12	9	9	34	16	–	–	–	...
Registered nurses	4	2 815	–	5	405	503	551	690	465	149	24	23	34.5
Health technologists and technicians	–	569	–	6	148	107	87	130	58	20	10	3	31.4
Social scientists	–	95	–	–	8	26	–	16	40	5	–	–	...
Social and recreation workers	–	673	–	5	128	148	51	140	111	34	44	12	35.3
Teachers: College and university	–	605	–	23	119	98	76	119	80	54	22	14	34.1
Elementary and prekindergarten	10	6 028	–	5	792	1 293	1 121	1 489	792	320	153	63	34.1
Secondary	8	1 551	–	19	270	377	232	319	175	109	38	12	32.4
Other teachers	–	630	10	5	30	93	73	158	108	72	45	36	41.6
Engineering and science technicians	–	272	5	11	76	24	42	48	41	–	10	15	32.4
Technicians, except health, and engineering and science	–	88	–	4	21	4	5	36	13	5	–	–	...
Writers, artists, and entertainers	5	1 324	33	85	268	150	172	292	183	64	29	48	33.7
Actors and dancers	5	198	22	46	56	35	9	15	2	7	6	–	22.8
Authors, editors, and reporters	–	168	–	–	24	13	29	28	44	18	4	8	41.4
Other professional, technical, and kindred workers	–	2 894	16	29	573	570	322	621	443	142	134	44	34.0
Managers and administrators, except farm	12	5 739	5	92	357	420	500	1 763	1 633	500	255	214	43.5
Buyers, purchasing agents, and sales managers	–	641	–	31	64	49	27	223	189	28	17	13	41.7
Restaurant, cafeteria, and bar managers	6	693	–	4	–	35	69	226	256	60	35	8	45.5
School administrators	–	294	–	6	12	24	30	95	75	32	20	–	42.9
Other specified managers and administrators	6	1 372	–	16	88	168	158	430	322	84	40	66	41.0
Managers and administrators, n.e.c., salaried	–	2 231	5	35	172	122	207	632	630	222	110	96	44.1
Wholesale and retail trade	–	866	5	–	59	29	61	266	220	119	46	61	45.6
Managers and administrators, n.e.c., self-employed	–	508	–	–	21	22	9	157	161	74	33	31	47.8
Wholesale and retail trade	–	305	–	–	5	13	9	105	87	48	33	5	47.4
Sales workers	138	10 670	512	1 086	1 624	943	861	2 335	2 255	633	255	166	36.3
Demonstrators, hucksters, and peddlers	5	488	–	18	97	93	55	102	78	22	15	8	33.3
Insurance, real estate agents, and brokers	6	725	–	5	47	48	67	216	245	62	26	9	44.1
Sales clerks, retail trade	64	7 016	411	873	1 122	518	528	1 388	1 496	419	170	91	35.4
Salesmen, retail trade	5	191	–	24	25	20	–	62	40	20	–	–	39.3
Other sales workers	58	2 250	101	166	333	264	211	567	396	110	44	58	35.9
Clerical and kindred workers	102	38 955	539	2 508	8 904	5 893	4 157	9 215	6 005	1 119	442	173	32.0
Bank tellers	–	1 039	5	42	350	188	140	182	127	5	–	–	28.3
Bookkeepers	3	3 547	5	95	506	521	451	1 089	712	106	30	32	36.8
Cashiers	22	3 082	140	281	731	337	283	679	501	107	17	6	30.9
Counter clerks, except food	6	821	24	75	222	91	104	137	133	25	4	6	29.9
Enumerators and interviewers	–	240	–	13	19	52	20	51	71	9	5	–	38.1
File clerks	5	980	35	166	246	143	57	173	130	25	5	–	26.5
Office machine operators	–	1 178	–	40	391	225	147	242	109	11	5	8	28.5
Bookkeeping and billing machine operators	–	185	–	–	49	25	32	56	23	–	–	–	32.9
Keypunch operators	–	741	–	26	277	156	94	130	39	11	–	8	27.2
Payroll and timekeeping clerks	–	427	5	5	66	68	30	135	91	8	19	–	37.9
Receptionists	–	1 262	45	118	310	172	151	217	191	39	15	4	29.6
Secretaries	5	7 826	29	235	1 813	1 382	877	1 954	1 078	279	143	36	32.6
Stenographers	7	1 472	–	14	328	308	191	436	172	23	–	–	32.3
Telephone operators	–	1 199	8	153	292	138	91	279	171	60	–	7	30.5
Typists	21	4 022	50	397	1 267	557	401	759	572	42	33	4	28.2
Other clerical and kindred workers	33	11 860	193	874	2 423	1 711	1 214	2 882	1 947	380	166	70	33.0
Craftsmen and kindred workers	22	2 013	6	51	194	151	185	528	605	180	68	45	42.9
Foremen, n.e.c.	–	594	–	–	17	44	36	148	265	46	32	6	47.0
Operatives, except transport	98	8 962	312	255	633	518	605	2 223	3 056	845	352	163	44.7
Assemblers	–	66	6	14	10	5	–	20	6	–	5	–	...
Bottling and canning operatives	–	127	4	5	–	4	10	23	30	36	10	5	50.8
Checkers, examiners, and inspectors, manufacturing	–	152	8	–	14	18	–	25	59	12	16	–	46.9
Dressmakers and seamstresses, except factory	–	736	7	9	27	36	40	152	289	116	31	29	48.4
Laundry and drycleaning operatives, including ironers	10	1 113	25	24	66	22	102	262	422	111	60	19	46.3
Graders and sorters, manufacturing	–	68	5	6	–	6	–	25	16	4	6	–	...
Packers and wrappers, except produce	6	1 517	102	45	70	71	108	434	516	134	20	17	43.4
Sewers and stitchers	–	1 864	3	17	56	81	110	492	842	165	71	27	47.1
Textile operatives	5	12	–	–	–	–	–	7	5	–	–	–	...
Other specified operatives	58	1 676	57	74	253	156	116	428	372	101	85	34	39.3
Miscellaneous and not specified operatives	19	1 631	95	61	137	119	119	355	499	166	48	32	43.0
Manufacturing	12	1 172	79	34	80	92	80	235	378	140	39	15	44.4
Durable goods	7	122	–	5	12	12	26	36	18	9	–	4	36.7
Machinery, including electrical	–	3	–	–	3	–	–	–	–	–	–	–	...
Other durable goods	7	119	–	5	9	12	26	36	18	9	–	4	37.1
Nondurable goods, including not specified manufacturing	5	1 050	79	29	68	80	54	199	360	131	39	11	45.4
Food and kindred products	5	891	70	23	58	80	45	170	290	109	35	11	45.0
Apparel and other fabricated textile products	–	64	–	–	4	–	–	6	41	9	4	–	...
Nonmanufacturing industries	7	459	16	27	57	27	39	120	121	26	9	17	40.3
Transport equipment operatives	11	425	–	22	62	38	67	115	71	31	7	12	37.0
Laborers, except farm	18	1 037	53	58	179	50	46	223	287	78	51	12	40.9
Farmers and farm managers	6	462	14	–	10	18	22	90	146	62	42	58	50.3
Farm laborers and farm foremen	41	1 433	49	52	48	87	128	256	420	177	105	111	47.3
Paid farm laborers and farm foremen	27	1 147	45	52	48	82	116	209	309	145	60	81	45.7
Unpaid family workers	14	286	4	–	–	5	12	47	111	32	45	30	51.8
Service workers, except private household[1]	212	24 918	952	1 207	3 502	2 528	2 298	5 644	5 926	1 505	817	339	38.4
Cleaning service workers	17	4 312	68	126	225	272	346	1 124	1 416	425	238	72	45.0
Chambermaids and maids	3	1 978	27	47	109	152	189	551	648	185	60	10	43.4
Food service workers	78	11 441	695	692	1 436	1 072	1 119	2 781	2 626	648	283	89	37.5
Cooks, except private household	–	2 000	41	57	90	119	147	457	706	240	109	34	46.3
Waiters and food counter workers	67	6 643	567	567	1 153	823	688	1 444	1 199	158	35	9	31.5
Health service workers	–	2 384	27	96	478	304	229	569	523	95	51	12	36.0
Nursing aides, orderlies, and attendants	–	998	16	19	182	141	103	245	220	43	26	3	36.6
Practical nurses	–	649	–	9	109	45	54	185	188	38	12	9	40.8
Personal service workers	27	3 785	89	183	855	578	274	653	764	200	117	72	33.4
Hairdressers and cosmetologists	–	1 322	–	69	368	253	97	253	220	30	27	5	29.4
Private household workers	91	2 024	80	51	130	70	101	216	570	373	212	221	51.4
Private household workers, living in	–	148	–	8	19	–	8	14	39	17	20	23	51.4
Private household workers, living out	91	1 876	80	43	111	70	93	202	531	356	192	198	51.4

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Persons 14 and 15 years old	Persons 16 years old and over: Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
THE STATE—Continued													
Negro													
Male employed	3	668	-	44	84	148	98	147	87	30	30	-	33.0
Professional, technical, and kindred workers	-	125	-	-	4	9	38	56	14	4	-	-	37.1
Engineers	-	-	-	-	-	-	-	-	-	-	-	-	-
Lawyers and judges	-	-	-	-	-	-	-	-	-	-	-	-	-
Life and physical scientists	-	4	-	-	-	4	-	-	-	-	-	-	...
Physicians, dentists, and related practitioners	-	6	-	-	-	-	-	6	-	-	-	-	...
Health workers, except practitioners	-	6	-	-	-	-	6	-	-	-	-	-	...
Social and recreation workers	-	10	-	-	-	-	5	-	5	-	-	-	...
Teachers	-	19	-	-	4	5	-	6	-	4	-	-	...
Technicians, except health	-	34	-	-	-	-	10	15	9	-	-	-	...
Writers, artists, and entertainers	-	18	-	-	-	-	-	18	-	-	-	-	...
Other professional, technical, and kindred workers	-	28	-	-	-	-	17	11	-	-	-	-	...
Managers and administrators, except farm	-	38	-	-	6	3	7	17	-	-	5	-	...
Salaried	-	30	-	-	6	3	4	17	-	-	-	-	...
Manufacturing	-	-	-	-	-	-	-	-	-	-	-	-	-
Retail trade	-	4	-	-	-	-	4	-	-	-	-	-	...
All other industries	-	26	-	-	6	3	-	17	-	-	-	-	...
Self-employed	-	8	-	-	-	-	3	-	-	-	5	-	...
Retail trade	-	-	-	-	-	-	-	-	-	-	-	-	-
All other industries	-	8	-	-	-	-	3	-	-	-	5	-	...
Sales workers	3	10	-	-	3	-	-	-	4	-	3	-	...
Manufacturing and wholesale trade	3	-	-	-	-	-	-	-	-	-	-	-	-
Retail trade	-	3	-	-	3	-	-	-	-	-	-	-	...
All other industries	-	7	-	-	-	-	-	-	4	-	3	-	...
Clerical and kindred workers	-	93	-	-	5	30	25	12	3	12	6	-	...
Bookkeepers and billing clerks	-	-	-	-	-	-	-	-	-	-	-	-	-
Mail handlers and postal clerks	-	6	-	-	-	-	-	-	-	-	6	-	...
Other clerical and kindred workers	-	87	-	-	5	30	25	12	3	12	-	-	...
Craftsmen and kindred workers	-	128	-	8	30	37	3	16	27	-	7	-	28.5
Carpenters	-	13	-	-	-	4	-	-	9	-	-	-	...
Construction craftsmen, except carpenters	-	31	-	8	8	-	3	-	8	-	4	-	...
Automobile mechanics, including body repairmen	-	-	-	-	-	-	-	-	-	-	-	-	-
Mechanics and repairmen, except auto	-	8	-	-	3	-	-	5	-	-	-	-	...
Machinists	-	-	-	-	-	-	-	-	-	-	-	-	-
Metal craftsmen, except mechanics and machinists	-	-	-	-	-	-	-	-	-	-	-	-	-
Foremen, n.e.c.	-	6	-	-	-	6	-	-	-	-	-	-	...
Other craftsmen and kindred workers	-	70	-	-	19	27	-	11	10	-	3	-	...
Operatives, except transport	-	73	-	9	16	-	11	-	23	14	-	-	...
Assemblers	-	-	-	-	-	-	-	-	-	-	-	-	-
Garage workers and gas station attendants	-	-	-	-	-	-	-	-	-	-	-	-	-
Laundry and drycleaning operatives, including ironers	-	-	-	-	-	-	-	-	-	-	-	-	-
Precision machine operatives	-	-	-	-	-	-	-	-	-	-	-	-	-
Other operatives, except transport	-	73	-	9	16	-	11	-	23	14	-	-	...
Durable goods, manufacturing	-	15	-	-	-	-	4	-	11	-	-	-	...
Nondurable goods, including not specified manufacturing	-	18	-	5	8	-	-	-	-	5	-	-	...
Nonmanufacturing industries	-	40	-	4	8	-	7	-	12	9	-	-	...
Transport equipment operatives	-	19	-	5	-	-	6	8	-	-	-	-	...
Truck drivers	-	6	-	-	-	-	6	-	-	-	-	-	...
Other transport equipment operatives	-	13	-	5	-	-	-	8	-	-	-	-	...
Laborers, except farm	-	68	-	9	9	32	-	9	-	-	9	-	...
Construction laborers	-	24	-	-	6	13	-	-	-	-	5	-	...
Freight, stock, and material handlers	-	23	-	4	-	11	-	4	-	-	4	-	...
Other laborers, except farm	-	21	-	5	3	8	-	5	-	-	-	-	...
Manufacturing industries	-	-	-	-	-	-	-	-	-	-	-	-	-
Farmers and farm managers	-	-	-	-	-	-	-	-	-	-	-	-	-
Farm laborers and farm foremen	-	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, except private household[1]	-	114	-	13	11	37	8	29	16	-	-	-	29.5
Cleaning service workers	-	13	-	9	-	-	-	-	4	-	-	-	...
Food service workers	-	56	-	-	-	23	4	21	8	-	-	-	...
Health service workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Personal service workers	-	13	-	4	3	-	4	2	-	-	-	-	...
Protective service workers	-	32	-	-	8	14	-	6	4	-	-	-	...
Private household workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Female employed	-	505	-	25	124	151	78	75	39	-	13	-	28.4
Professional, technical, and kindred workers	-	137	-	-	14	39	34	38	6	-	6	-	32.3
Registered nurses	-	17	-	-	-	7	-	10	-	-	-	-	...
Health workers, except nurses	-	4	-	-	-	-	-	4	-	-	-	-	...
Teachers, elementary and secondary schools	-	63	-	-	5	21	21	12	4	-	-	-	...
Technicians, except health	-	-	-	-	-	-	-	-	-	-	-	-	-
Other professional, technical, and kindred workers	-	53	-	-	9	11	13	12	2	-	6	-	...
Managers and administrators, except farm	-	5	-	-	5	-	-	-	-	-	-	-	...
Salaried	-	5	-	-	5	-	-	-	-	-	-	-	...
Self-employed	-	-	-	-	-	-	-	-	-	-	-	-	-
Sales workers	-	68	-	8	19	21	10	3	7	-	-	-	...
Retail trade	-	65	-	5	19	21	10	3	7	-	-	-	...
Clerical and kindred workers	-	160	-	12	35	41	31	22	12	-	7	-	29.0
Bookkeepers and cashiers	-	29	-	7	11	7	-	4	-	-	-	-	...
Office machine operators	-	22	-	-	5	8	4	5	-	-	-	-	...
Secretaries, stenographers, and typists	-	57	-	5	7	7	23	-	8	-	7	-	...
Other clerical and kindred workers	-	52	-	-	12	19	4	13	4	-	-	-	...
Craftsmen and kindred workers	-	5	-	-	-	-	-	5	-	-	-	-	...
Operatives, except transport	-	33	-	-	11	12	-	5	5	-	-	-	...
Sewers and stitchers	-	5	-	-	-	-	-	-	5	-	-	-	...
Laundry and drycleaning operatives, including ironers	-	5	-	-	-	-	-	5	-	-	-	-	...
Other operatives, except transport	-	23	-	-	11	12	-	-	-	-	-	-	...
Durable goods, manufacturing	-	6	-	-	6	-	-	-	-	-	-	-	...
Nondurable goods, including not specified manufacturing	-	13	-	-	5	8	-	-	-	-	-	-	...
Nonmanufacturing industries	-	4	-	-	-	4	-	-	-	-	-	-	...
Transport equipment operatives	-	-	-	-	-	-	-	-	-	-	-	-	-
Laborers, except farm	-	4	-	-	4	-	-	-	-	-	-	-	...
Farmers and farm managers	-	-	-	-	-	-	-	-	-	-	-	-	-
Farm laborers and farm foremen	-	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, except private household[1]	-	82	-	5	25	38	3	2	9	-	-	-	...
Cleaning service workers	-	14	-	-	5	-	-	-	9	-	-	-	...
Food service workers	-	32	-	5	11	14	-	2	-	-	-	-	...
Health service workers	-	6	-	-	3	3	-	-	-	-	-	-	...
Practical nurses	-	-	-	-	-	-	-	-	-	-	-	-	-
Personal service workers	-	11	-	-	-	11	-	-	-	-	-	-	...
Protective service workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Private household workers	-	11	-	-	11	-	-	-	-	-	-	-	...

[1]Includes allocated cases not shown separately.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Persons 14 and 15 years old	Persons 16 years old and over: Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
THE STATE—Continued													
Persons of Spanish Language													
Male employed	**26**	**4 208**	**126**	**173**	**536**	**510**	**395**	**975**	**936**	**349**	**134**	**74**	**38.7**
Professional, technical, and kindred workers	-	436	-	5	30	58	66	136	135	6	-	-	39.3
Engineers	-	75	-	-	-	6	7	29	33	-	-	-	...
Lawyers and judges	-	14	-	-	-	-	9	5	-	-	-	-	...
Life and physical scientists	-	10	-	-	-	-	6	4	-	-	-	-	...
Physicians, dentists, and related practitioners	-	7	-	-	-	-	-	-	7	-	-	-	...
Health workers, except practitioners	-	7	-	-	-	-	-	7	-	-	-	-	...
Social and recreation workers	-	6	-	-	6	-	-	-	-	-	-	-	...
Teachers	-	107	-	-	7	18	8	40	34	-	-	-	40.1
Technicians, except health	-	61	-	5	7	14	14	13	8	-	-	-	...
Writers, artists, and entertainers	-	63	-	-	6	6	6	20	25	-	-	-	...
Other professional, technical, and kindred workers	-	86	-	-	4	14	16	18	28	6	-	-	...
Managers and administrators, except farm	-	344	-	7	36	41	12	128	84	21	8	7	40.9
Salaried	-	295	-	7	31	41	5	121	69	21	-	-	40.2
Manufacturing	-	13	-	-	-	-	-	7	-	6	-	-	...
Retail trade	-	70	-	-	10	13	5	30	12	-	-	-	...
All other industries	-	212	-	7	21	28	-	84	57	15	-	-	41.0
Self-employed	-	49	-	-	5	-	7	7	15	-	8	7	...
Retail trade	-	28	-	-	5	-	-	-	15	-	8	-	...
All other industries	-	21	-	-	-	-	7	7	-	-	-	7	...
Sales workers	12	131	-	-	7	21	20	41	23	6	-	13	39.3
Manufacturing and wholesale trade	12	29	-	-	-	7	8	-	7	-	-	7	...
Retail trade	-	48	-	-	-	7	-	26	9	-	-	6	...
All other industries	-	54	-	-	7	7	12	15	7	6	-	-	...
Clerical and kindred workers	-	242	6	24	38	54	33	34	22	15	-	16	29.9
Bookkeepers and billing clerks	-	22	-	-	-	-	7	-	15	-	-	-	...
Mail handlers and postal clerks	-	-	-	-	-	-	-	-	-	-	-	-	-
Other clerical and kindred workers	-	220	6	24	38	54	26	34	7	15	-	16	28.9
Craftsmen and kindred workers	-	1 193	8	64	209	96	91	257	289	132	47	-	40.0
Carpenters	-	70	-	9	21	-	-	13	15	12	-	-	...
Construction craftsmen, except carpenters	-	399	-	13	106	38	40	57	98	28	19	-	35.4
Automobile mechanics, including body repairmen	-	70	8	15	22	-	13	6	6	-	-	-	...
Mechanics and repairmen, except auto	-	164	-	-	15	32	8	29	40	26	14	-	44.3
Machinists	-	47	-	-	5	7	-	28	7	-	-	-	...
Metal craftsmen, except mechanics and machinists	-	60	-	6	-	-	6	7	19	15	7	-	...
Foremen, n.e.c.	-	114	-	-	9	-	6	50	29	13	7	-	43.4
Other craftsmen and kindred workers	-	269	-	21	31	19	18	67	75	38	-	-	41.8
Operatives, except transport	-	412	31	17	40	50	61	92	53	16	52	-	35.8
Assemblers	-	8	8	-	-	-	-	-	-	-	-	-	...
Garage workers and gas station attendants	-	61	8	12	-	6	14	11	10	-	-	-	...
Laundry and drycleaning operatives, including ironers	-	7	-	-	7	-	-	-	-	-	-	-	...
Precision machine operatives	-	8	-	-	-	-	-	-	8	-	-	-	...
Other operatives, except transport	-	328	15	5	33	44	47	81	35	16	52	-	37.5
Durable goods, manufacturing	-	42	-	-	-	7	12	17	6	-	-	-	...
Nondurable goods, including not specified manufacturing	-	94	15	5	5	15	6	13	-	-	35	-	...
Nonmanufacturing industries	-	192	-	-	28	22	29	51	29	16	17	-	38.3
Transport equipment operatives	-	433	-	19	45	107	38	69	95	52	8	-	36.1
Truck drivers	-	274	-	15	20	65	38	27	61	40	8	-	34.9
Other transport equipment operatives	-	159	-	4	25	42	-	42	34	12	-	-	37.0
Laborers, except farm	-	347	29	12	49	60	22	65	67	24	-	19	35.2
Construction laborers	-	104	14	-	27	23	16	12	12	-	-	-	27.4
Freight, stock, and material handlers	-	96	15	6	13	32	-	15	15	-	-	-	...
Other laborers, except farm	-	147	-	6	9	5	6	38	40	24	-	19	47.4
Manufacturing industries	-	18	-	-	5	-	-	7	-	6	-	-	...
Farmers and farm managers	-	29	-	-	-	5	-	-	5	7	12	-	...
Farm laborers and farm foremen	-	109	7	-	-	-	8	21	59	14	-	-	48.1
Service workers, except private household[1]	14	527	45	25	82	18	44	132	99	56	7	19	38.8
Cleaning service workers	6	207	6	12	25	6	28	38	47	41	-	4	42.0
Food service workers	8	160	35	7	26	-	10	40	12	8	7	15	35.5
Health service workers	-	6	-	6	-	-	-	-	-	-	-	-	...
Personal service workers	-	35	4	-	6	6	6	-	6	7	-	-	...
Protective service workers	-	111	-	-	17	6	-	54	34	-	-	-	41.0
Private household workers	-	5	-	-	-	-	-	-	5	-	-	-	...
Female employed	**13**	**2 307**	**94**	**258**	**327**	**296**	**269**	**551**	**441**	**40**	**18**	**13**	**33.3**
Professional, technical, and kindred workers	6	248	-	8	28	38	41	74	37	14	-	8	36.2
Registered nurses	-	35	-	-	8	-	-	8	11	-	-	8	...
Health workers, except nurses	-	26	-	8	-	-	6	-	5	7	-	-	...
Teachers, elementary and secondary schools	-	59	-	-	5	7	19	21	7	-	-	-	...
Technicians, except health	-	4	-	-	-	-	4	-	-	-	-	-	...
Other professional, technical, and kindred workers	6	124	-	-	15	31	12	45	14	7	-	-	35.9
Managers and administrators, except farm	-	18	-	-	5	-	-	5	8	-	-	-	...
Salaried	-	18	-	-	5	-	-	5	8	-	-	-	...
Self-employed	-	-	-	-	-	-	-	-	-	-	-	-	-
Sales workers	-	225	-	51	17	36	11	57	34	7	7	5	33.9
Retail trade	-	175	-	45	9	36	6	31	34	7	7	-	29.7
Clerical and kindred workers	-	675	26	83	150	128	89	138	61	-	-	-	28.1
Bookkeepers and cashiers	-	122	10	-	51	23	13	25	-	-	-	-	25.0
Office machine operators	-	7	-	-	-	7	-	-	-	-	-	-	...
Secretaries, stenographers, and typists	-	201	-	41	39	33	38	30	20	-	-	-	28.1
Other clerical and kindred workers	-	345	16	42	60	65	38	83	41	-	-	-	29.2
Craftsmen and kindred workers	-	44	-	-	6	-	9	8	21	-	-	-	...
Operatives, except transport	-	173	21	13	13	7	17	59	37	-	6	-	37.6
Sewers and stitchers	-	26	-	-	-	-	6	13	7	-	-	-	...
Laundry and drycleaning operatives, including ironers	-	20	-	-	-	-	-	7	13	-	-	-	...
Other operatives, except transport	-	127	21	13	13	7	11	39	17	-	6	-	34.3
Durable goods, manufacturing	-	-	-	-	-	-	-	-	-	-	-	-	-
Nondurable goods, including not specified manufacturing	-	78	15	6	13	7	7	24	-	-	6	-	...
Nonmanufacturing industries	-	49	6	7	-	-	4	15	17	-	-	-	...
Transport equipment operatives	-	7	-	7	-	-	-	-	-	-	-	-	...
Laborers, except farm	7	64	-	19	13	5	-	6	21	-	-	-	...
Farmers and farm managers	-	-	-	-	-	-	-	-	-	-	-	-	-
Farm laborers and farm foremen	-	8	-	-	-	-	-	-	-	8	-	-	...
Service workers, except private household[1]	-	790	38	77	88	82	95	180	214	11	5	-	35.8
Cleaning service workers	-	182	-	18	10	8	20	49	72	-	5	-	42.1
Food service workers	-	424	30	46	46	54	55	86	96	11	-	-	33.3
Health service workers	-	56	-	6	5	14	8	15	8	-	-	-	...
Practical nurses	-	13	-	-	5	-	8	-	-	-	-	-	...
Personal service workers	-	116	8	-	27	6	7	30	38	-	-	-	38.3
Protective service workers	-	7	-	7	-	-	-	-	-	-	-	-	...
Private household workers	-	55	9	-	7	-	7	24	8	-	-	-	...

[1] Includes allocated cases not shown separately

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Persons 14 and 15 years old	Persons 16 years old and over										
		Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
HONOLULU SMSA												
Total												
Male employed	1 231	133 896	2 945	4 475	15 164	17 343	13 917	29 341	29 666	10 959	6 589	3 497	39.5
Professional, technical, and kindred workers	40	22 187	43	194	2 038	3 795	3 214	5 887	4 531	1 225	703	557	38.1
Accountants	-	1 951	-	3	279	295	240	402	411	183	79	59	38.9
Architects	-	353	-	-	6	44	44	136	89	15	14	5	41.1
Computer specialists	-	741	-	-	51	209	162	215	98	6	-	-	33.4
Engineers	-	3 319	-	14	190	489	537	999	776	165	118	31	39.3
Aeronautical and astronautical	-	31	-	-	-	-	8	23	-	-	-	-	...
Civil	-	988	-	3	50	101	180	360	218	52	15	9	39.4
Electrical and electronic	-	1 008	-	5	82	211	151	312	197	7	31	12	36.8
Mechanical	-	346	-	6	44	57	43	68	77	35	16	-	38.4
Other engineers	-	946	-	-	14	120	155	236	284	71	56	10	42.8
Lawyers and judges	-	534	-	-	14	77	92	141	141	14	24	31	41.0
Life and physical scientists	-	548	-	6	11	109	80	150	145	20	21	6	39.5
Chemists	-	157	-	-	7	18	40	35	37	16	4	-	38.9
Physicians, dentists, and related practitioners	-	1 269	-	-	9	109	139	435	312	78	63	124	43.7
Dentists	-	331	-	-	-	15	37	129	91	5	16	38	43.8
Pharmacists	-	141	-	-	5	9	16	44	26	15	9	17	44.2
Physicians, medical and osteopathic	-	710	-	-	4	81	75	234	164	58	38	56	43.3
Other related practitioners	-	87	-	-	-	4	11	28	31	-	-	13	...
Health technologists and technicians	-	220	-	5	20	44	48	67	22	10	-	4	34.3
Religious workers	-	447	-	-	27	32	50	139	77	62	28	32	43.2
Social scientists	-	335	-	-	6	62	60	86	78	29	4	10	39.6
Social and recreation workers	-	324	-	5	36	66	35	88	41	29	24	-	37.3
Teachers	5	3 183	4	10	339	645	470	860	535	174	83	63	36.4
College and university	-	1 407	-	5	158	292	194	400	211	100	30	17	36.4
Elementary and prekindergarten	-	536	-	5	86	74	88	124	105	18	27	9	36.2
Secondary	-	943	4	-	63	254	174	255	127	36	13	17	34.3
Engineering and science technicians	-	2 385	-	36	295	534	380	587	409	83	42	19	34.3
Draftsmen and surveyors	-	1 082	-	24	146	250	128	273	188	32	22	19	34.7
Electrical and electronic engineering technicians	-	812	-	-	75	173	187	192	155	25	5	-	34.2
Technicians, except health, and engineering and science	-	975	5	8	55	129	159	291	299	10	15	4	39.5
Airplane pilots	-	344	5	-	9	68	24	76	162	-	-	-	43.7
Writers, artists, and entertainers	35	2 029	34	72	267	311	197	403	456	128	53	110	38.3
Other professional, technical, and kindred workers	-	3 574	-	35	433	640	521	890	642	219	135	59	36.8
Managers and administrators, except farm	10	16 646	45	48	774	1 568	1 579	4 694	5 111	1 504	840	491	44.2
Buyers, purchasing agents, and sales managers	-	1 607	-	8	98	197	154	439	530	113	53	15	42.9
School administrators	-	337	-	-	2	14	40	146	61	41	26	7	42.7
Specified managers and administrators, public administration	-	1 966	3	-	50	90	131	575	839	168	86	24	46.6
Other specified managers and administrators	5	3 639	20	21	212	445	367	997	1 007	276	144	150	42.6
Managers and administrators, n.e.c., salaried	5	7 603	22	19	374	695	817	2 169	2 191	698	424	194	43.6
Manufacturing	-	796	-	-	19	40	62	220	248	98	85	24	47.3
Wholesale and retail trade	-	2 329	17	13	167	299	227	635	631	216	82	42	42.0
Transportation, communications, and other public utilities	-	1 061	-	-	42	62	142	307	359	81	54	14	44.3
All other industries	5	3 417	5	6	146	294	386	1 007	953	303	203	114	43.7
Managers and administrators, n.e.c., self-employed	-	1 494	-	-	38	119	78	368	483	208	107	101	48.1
Construction	-	312	-	-	6	45	16	38	143	35	25	4	48.6
Manufacturing	-	118	-	-	4	5	5	18	45	21	14	6	51.0
Wholesale and retail trade	-	673	-	-	12	54	27	219	168	73	50	70	46.5
All other industries	-	391	-	-	16	15	22	93	127	79	18	21	48.9
Sales workers	533	7 572	141	208	733	1 036	738	1 627	1 753	629	356	351	40.7
Insurance agents, brokers, and underwriters	-	954	-	-	46	88	87	283	303	67	21	59	44.0
Real estate agents and brokers	5	615	-	-	6	12	53	108	241	73	56	66	50.3
Sales representatives, manufacturing industries	-	458	-	14	12	61	57	133	93	49	25	14	41.4
Sales representatives, wholesale trade	5	1 582	3	24	87	282	220	360	376	124	57	49	39.9
Sales clerks, retail trade	16	1 456	74	78	301	191	92	191	264	109	84	72	34.6
Salesmen, retail trade	-	895	6	39	87	128	103	213	167	69	39	44	39.0
Salesmen of services and construction	13	356	-	-	37	74	10	100	93	17	13	12	40.7
Other sales workers	494	1 256	58	53	157	200	116	239	216	121	61	35	36.8
Clerical and kindred workers	53	11 097	199	413	1 798	1 600	1 015	2 486	2 268	711	398	209	37.1
Bank tellers and cashiers	10	320	60	33	52	48	18	36	28	22	20	3	26.6
Bookkeepers and billing clerks	-	884	4	6	155	117	67	253	156	48	46	32	38.7
Mail handlers and postal clerks	-	1 226	5	56	168	174	139	281	305	67	21	10	37.5
Other clerical and kindred workers	43	8 667	130	318	1 423	1 261	791	1 916	1 779	574	311	164	37.1
Craftsmen and kindred workers	42	33 658	162	659	3 703	4 453	3 866	7 595	8 583	2 946	1 300	391	40.2
Apparel craftsmen and upholsterers	-	231	9	6	32	20	27	37	43	24	18	15	40.8
Bakers	-	309	5	12	32	14	32	76	93	25	17	3	42.8
Cabinetmakers	-	191	-	-	11	20	4	45	65	32	14	-	47.4
Construction craftsmen	13	12 689	50	281	1 215	1 708	1 464	2 734	3 288	1 238	531	180	40.9
Carpenters	-	4 615	16	108	375	468	435	972	1 451	514	210	66	44.3
Excavating, grading, and road machine operators	5	991	4	10	27	124	123	270	279	99	39	16	42.7
Electricians	-	1 870	-	10	190	262	256	548	395	128	53	28	39.0
Masons and tile setters	-	1 115	-	41	144	201	152	236	200	82	46	13	35.8
Painters, construction and maintenance, and paperhangers	8	1 323	13	28	63	102	135	227	392	244	74	45	47.4
Plasterers and cement finishers	-	523	13	5	82	117	57	78	112	33	26	-	33.9
Plumbers and pipe fitters	-	1 638	-	58	179	254	203	328	408	127	78	3	38.8
Other construction craftsmen	-	614	4	21	155	180	103	75	51	11	5	9	28.5
Foremen, n.e.c.	-	3 306	-	3	145	200	386	847	1 134	403	175	13	45.6
Manufacturing	-	880	-	-	45	50	69	167	334	112	100	3	48.3
Nonmanufacturing industries	-	2 426	-	3	100	150	317	680	800	291	75	10	44.5
Linemen and servicemen, telephone and power	-	1 627	-	15	391	321	271	330	250	34	9	6	31.6
Locomotive engineers and firemen	-	-	-	-	-	-	-	-	-	-	-	-	-
Mechanics and repairmen	-	7 385	49	183	804	1 050	865	1 862	1 736	560	223	53	39.0
Air conditioning, heating, and refrigeration	-	434	-	5	55	59	42	127	96	45	5	-	39.4
Aircraft	-	856	-	-	51	148	139	364	123	24	7	-	37.5
Automobile, including body	-	2 414	35	105	277	423	218	484	576	186	87	23	38.1
Radio and television	-	674	-	6	49	72	122	200	170	29	26	-	39.4
Other mechanics and repairmen	-	3 007	14	67	372	348	344	687	771	276	98	30	40.2
Metal craftsmen, except mechanics	5	1 852	-	26	225	358	180	346	470	178	58	11	39.0
Machinists and job and die setters	5	854	-	-	98	154	86	120	261	115	15	5	42.4
Sheetmetal workers and tinsmiths	-	553	-	22	73	135	60	156	86	14	7	-	33.9
Tool and die makers	-	59	-	-	18	10	5	11	9	-	-	6	...
Other metal craftsmen	-	386	-	4	36	59	29	59	114	49	36	-	45.5
Printing craftsmen	-	605	19	11	100	58	44	159	100	60	44	10	39.4
Compositors and typesetters	-	327	13	2	36	17	21	87	64	49	28	10	43.6
Pressmen and plate printers, printing	-	194	-	5	50	36	23	56	12	7	5	-	31.3
Stationary engineers and power station operators	-	412	-	-	28	41	67	56	129	77	9	5	46.1
Other craftsmen and kindred workers	24	5 051	30	122	720	663	526	1 103	1 275	315	202	95	39.2

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Persons 14 and 15 years old	Persons 16 years old and over: Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
HONOLULU SMSA—Continued													
Total—Continued													
Male employed—Continued													
Operatives, except transport	**79**	**9 463**	**805**	**859**	**1 460**	**1 176**	**782**	**1 581**	**1 540**	**621**	**490**	**149**	**32.8**
Assemblers	-	129	11	10	32	24	-	17	24	5	6	-	27.4
Checkers, examiners, and inspectors; manufacturing	-	105	5	4	8	11	-	25	37	5	6	4	44.8
Garage workers and gas station attendants	54	1 587	555	449	315	56	47	57	55	18	27	8	19.1
Laundry and drycleaning operatives, n.e.c	-	176	17	19	16	5	24	27	13	23	18	14	37.6
Meat cutters and butchers	-	438	-	5	37	59	59	103	100	50	10	15	40.7
Mine operatives, n.e.c	-	39	-	-	5	-	10	5	10	4	-	5	...
Packers and wrappers, except produce	-	335	25	58	49	24	48	56	46	7	14	8	31.2
Painters, manufactured articles	-	168	5	14	24	22	10	37	35	10	11	-	37.4
Precision machine operatives	-	84	-	6	14	12	-	17	25	5	5	-	...
Sewyers	-	14	-	4	-	-	-	5	5	-	-	-	...
Stationary firemen	-	161	-	-	5	11	28	22	56	21	18	-	47.6
Textile operatives	-	3	-	-	-	-	-	-	3	-	-	-	...
Welders and flamecutters	7	1 231	-	24	173	247	73	262	333	84	28	7	38.8
Other metalworking operatives	-	131	-	6	12	8	23	17	45	16	-	4	44.7
Other specified operatives	12	2 302	53	135	423	333	250	443	305	175	139	46	34.1
Miscellaneous and not specified operatives	6	2 560	134	125	347	364	210	488	448	198	208	38	37.0
Occupation:													
Machine operatives, miscellaneous specified	-	754	18	26	101	101	59	145	173	56	66	9	40.0
Machine operatives, not specified	-	328	24	6	21	42	22	65	59	49	32	-	41.9
Miscellaneous operatives	6	1 270	76	80	212	185	101	231	182	89	85	29	34.1
Not specified operatives	-	216	16	13	13	36	28	47	34	4	25	-	35.4
Industry:													
Manufacturing	-	1 220	69	47	164	176	80	230	219	102	115	18	38.2
Durable goods	-	443	-	29	56	88	39	80	94	21	27	9	36.2
Wood products, including furniture	-	41	-	9	10	10	-	4	4	-	4	-	...
Primary metal industries	-	39	-	-	7	5	12	10	5	-	-	-	...
Fabricated metal industries	-	58	-	6	5	16	10	5	11	5	-	-	...
Machinery, including electrical	-	22	-	-	6	-	-	6	-	10	-	-	...
Motor vehicles and equipment	-	4	-	-	-	4	-	-	-	-	-	-	...
Transportation equipment, except motor vehicles	-	116	-	-	13	5	13	26	36	-	18	5	45.3
Other durable goods	-	163	-	14	15	48	4	29	38	6	5	4	35.2
Nondurable goods	-	775	69	18	106	88	41	150	125	81	88	9	39.4
Food and kindred products	-	586	58	18	50	45	31	116	115	67	77	9	42.8
Apparel and other fabricated textile products	-	10	-	-	5	-	-	5	-	-	-	-	...
Paper and allied products	-	70	-	-	18	20	4	9	5	9	5	-	...
Chemicals and allied products	-	16	-	-	11	-	-	-	-	5	-	-	...
Other nondurable goods	-	93	11	-	22	23	6	20	5	-	6	-	...
Not specified manufacturing industries	-	2	-	-	2	-	-	-	-	-	-	-	...
Nonmanufacturing industries	6	1 340	65	78	183	188	130	258	229	96	93	20	36.0
Transportation, communications, and other public utilities	-	389	7	18	65	78	48	94	48	18	13	-	32.8
Wholesale and retail trade	6	211	47	25	16	32	15	25	32	10	-	9	27.7
All other industries	-	740	11	35	102	78	67	139	149	68	80	11	40.5
Transport equipment operatives	**5**	**7 116**	**77**	**341**	**1 047**	**984**	**741**	**1 474**	**1 372**	**629**	**334**	**117**	**37.5**
Bus drivers	-	472	-	7	26	33	52	147	138	30	39	-	43.0
Taxicab drivers and chauffeurs	-	762	7	5	72	89	63	157	147	136	67	19	44.2
Truck drivers and deliverymen	-	4 385	35	230	748	659	501	846	817	339	186	24	35.2
Other transport equipment operatives	5	1 497	35	99	201	203	125	324	270	124	42	74	37.6
Laborers, except farm	**240**	**10 694**	**695**	**938**	**1 486**	**1 062**	**761**	**1 491**	**1 556**	**975**	**804**	**332**	**35.7**
Construction laborers	12	2 470	40	199	536	433	229	348	300	198	157	30	30.6
Freight, stock, and material handlers	45	3 785	504	482	569	321	286	563	581	275	182	22	30.3
Other specified laborers	141	2 979	114	178	241	240	206	422	566	398	375	239	46.6
Miscellaneous and not specified laborers	42	860	37	79	134	68	40	158	109	104	90	41	39.6
Occupation:													
Miscellaneous laborers	10	142	5	-	8	17	23	28	23	27	11	-	41.4
Not specified laborers	32	718	32	79	126	51	17	130	86	77	79	41	39.2
Industry:													
Manufacturing	-	238	15	27	35	33	15	43	33	11	21	5	33.0
Durable goods	-	152	11	19	26	14	10	34	21	7	5	5	33.0
Wood products, including furniture	-	14	-	-	-	5	-	5	4	-	-	-	...
Metal industries	-	43	6	10	18	4	-	5	-	-	-	-	...
Machinery, including electrical	-	16	5	-	-	-	-	6	-	-	-	5	...
Transportation equipment	-	42	-	9	8	5	4	4	12	-	-	-	...
Other durable goods	-	37	-	-	-	-	6	14	5	7	5	-	...
Nondurable goods	-	86	4	8	9	19	5	9	6	4	16	-	...
Food and kindred products	-	64	4	8	3	9	5	9	6	4	16	-	...
Not specified manufacturing industries	-	6	-	-	-	-	-	-	6	-	-	-	...
Nonmanufacturing industries	42	622	22	52	99	35	25	115	76	93	69	36	41.8
Railroads and railway express service	-	-	-	-	-	-	-	-	-	-	-	-	-
Transportation, except railroads	-	49	-	4	9	-	6	24	-	6	-	-	...
Communications, and utilities and sanitary services	-	83	-	-	3	17	9	23	11	20	-	-	...
Wholesale and retail trade	10	133	11	16	22	12	6	11	20	9	17	9	34.6
All other industries	32	357	11	32	65	6	4	57	45	58	52	27	45.8
Farmers and farm managers	**-**	**455**	**-**	**6**	**36**	**27**	**11**	**98**	**91**	**46**	**57**	**83**	**50.4**
Farm laborers and farm foremen	**28**	**1 774**	**53**	**40**	**172**	**82**	**57**	**290**	**425**	**275**	**284**	**96**	**49.5**
Paid farm laborers and farm foremen	28	1 743	53	36	168	67	57	290	420	275	284	93	49.8
Unpaid family workers	-	31	-	4	4	15	-	-	5	-	-	3	...
Service workers, except private household[1]	**197**	**13 776**	**719**	**769**	**1 913**	**1 568**	**1 153**	**2 108**	**2 426**	**1 394**	**1 011**	**715**	**38.6**
Cleaning service workers	74	3 443	233	198	339	202	140	395	655	462	418	401	48.3
Food service workers	83	3 880	401	383	659	395	234	509	521	421	270	87	32.2
Cooks, except private household	9	1 610	118	121	152	129	102	292	308	246	97	53	41.5
Busboys and dishwashers	40	932	183	160	200	51	30	66	70	54	96	22	23.1
Health service workers	-	349	-	14	48	16	31	67	61	55	47	10	44.8
Personal service workers	19	1 726	58	186	349	261	139	261	222	166	97	67	33.2
Protective service workers	-	2 928	-	23	345	523	439	616	688	153	75	58	37.1
Firemen, fire protection	-	949	-	-	59	209	158	197	293	39	9	5	38.0
Guards and watchmen	-	866	-	14	138	95	83	145	200	85	53	53	42.1
Policemen and detectives	-	1 063	-	9	148	219	198	265	189	22	13	-	33.9
Private household workers	**4**	**98**	**6**	**-**	**10**	**-**	**-**	**10**	**10**	**4**	**12**	**6**	**...**

[1] Includes allocated cases not shown separately.

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

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

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

HONOLULU SMSA—Continued

Total—Continued

	Persons 14 and 15 years old	Persons 16 years old and over: Total	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 59 years	60 to 64 years	65 years and over	Median age
Female employed	**651**	**96 356**	**2 003**	**4 853**	**16 624**	**12 528**	**9 925**	**22 150**	**19 392**	**5 013**	**2 452**	**1 416**	**36.0**
Professional, technical, and kindred workers	**26**	**17 179**	**60**	**239**	**2 909**	**3 356**	**2 592**	**4 034**	**2 497**	**817**	**421**	**254**	**33.9**
Accountants	–	1 108	–	16	235	145	152	264	245	25	5	21	35.2
Computer specialists	–	237	–	9	53	63	29	51	13	38	9	–	29.5
Librarians	4	479	–	15	48	66	58	144	101	26	16	5	38.6
Mathematical specialists	–	60	–	–	4	9	5	22	15	–	–	5	...
Life and physical scientists	–	75	4	7	5	20	–	27	12	–	–	–	...
Registered nurses, dietitians, and therapists	4	2 688	5	5	424	510	511	647	433	101	29	23	33.9
Dietitians	–	66	5	–	12	–	4	29	16	–	–	–	...
Registered nurses	4	2 456	–	5	395	464	486	552	406	101	24	23	33.7
Health technologists and technicians	–	514	–	6	138	107	75	100	55	20	30	3	30.4
Social scientists	–	87	–	–	8	26	–	16	32	5	–	–	...
Social and recreation workers	–	535	–	5	107	143	38	109	75	22	32	4	31.6
Teachers: College and university	–	560	–	23	107	98	76	105	75	49	18	9	33.4
Elementary and prekindergarten	10	5 027	–	5	670	1 114	885	1 248	677	254	127	47	34.1
Secondary	8	1 338	–	19	241	310	222	277	138	81	38	12	32.2
Other teachers	–	494	10	5	20	89	60	135	74	50	15	36	39.7
Engineering and science technicians	–	206	5	11	64	20	27	32	32	–	–	15	30.6
Technicians, except health, and engineering and science	–	83	–	4	16	4	5	36	13	5	–	–	...
Writers, artists, and entertainers	–	1 188	20	85	240	141	162	273	146	53	25	43	33.3
Actors and dancers	–	166	15	46	41	30	4	15	2	7	6	–	22.7
Authors, editors, and reporters	–	151	–	–	20	13	29	28	35	18	–	8	39.8
Other professional, technical, and kindred workers	–	2 500	16	24	529	491	287	548	361	116	97	31	33.3
Managers and administrators, except farm	**12**	**4 887**	**5**	**80**	**318**	**372**	**471**	**1 461**	**1 443**	**370**	**194**	**173**	**43.2**
Buyers, purchasing agents, and sales managers	–	598	–	31	64	49	27	201	184	23	11	8	41.4
Restaurant, cafeteria, and bar managers	6	570	–	4	–	21	69	164	238	44	22	8	46.1
School administrators	–	245	–	–	12	21	24	77	65	26	20	–	43.5
Other specified managers and administrators	6	1 242	–	10	78	151	152	391	294	65	40	61	40.9
Managers and administrators, n.e.c., salaried	–	1 838	5	35	143	113	190	513	531	161	82	65	43.4
Wholesale and retail trade	–	703	5	–	35	25	56	223	193	82	39	45	45.4
Managers and administrators, n.e.c., self-employed	–	394	–	–	21	17	9	115	131	51	19	31	47.7
Wholesale and retail trade	–	224	–	–	5	13	9	85	63	25	19	5	45.0
Sales workers	**120**	**8 902**	**389**	**995**	**1 454**	**816**	**736**	**1 806**	**1 859**	**505**	**199**	**143**	**35.3**
Demonstrators, hucksters, and peddlers	5	433	–	18	97	93	43	77	64	22	11	8	31.0
Insurance, real estate agents, and brokers	–	650	–	5	47	48	67	176	223	55	20	9	44.0
Sales clerks, retail trade	56	5 770	315	792	1 005	439	445	1 024	1 226	323	129	72	33.8
Salesmen, retail trade	5	142	–	19	18	20	–	43	26	16	–	–	38.3
Other sales workers	54	1 907	74	161	287	216	181	486	320	89	39	54	35.7
Clerical and kindred workers	**85**	**33 783**	**412**	**2 261**	**8 038**	**5 268**	**3 569**	**7 764**	**5 045**	**940**	**366**	**120**	**31.3**
Bank tellers	–	817	5	23	283	165	124	147	65	5	–	–	28.0
Bookkeepers	3	2 990	5	81	462	451	332	967	556	85	30	21	36.7
Cashiers	16	2 580	99	252	618	294	231	580	410	85	5	6	30.6
Counter clerks, except food	–	663	24	57	177	69	84	104	119	25	4	–	30.3
Enumerators and interviewers	–	180	–	9	19	46	10	33	54	9	–	–	36.8
File clerks	–	920	27	166	228	138	57	169	110	20	5	–	26.4
Office machine operators	–	1 119	–	36	375	216	128	231	109	11	5	8	28.4
Bookkeeping and billing machine operators	–	160	–	–	37	22	28	50	23	–	–	–	33.8
Keypunch operators	–	707	–	22	273	150	79	125	39	11	–	8	27.0
Payroll and timekeeping clerks	–	374	5	5	60	68	20	120	75	8	13	–	37.4
Receptionists	–	1 003	41	100	248	133	134	181	126	27	9	4	29.2
Secretaries	5	6 915	24	214	1 654	1 247	808	1 675	913	238	118	24	32.0
Stenographers	7	1 298	–	14	297	278	165	365	162	17	–	–	31.8
Telephone operators	–	1 041	8	144	232	126	82	227	160	55	–	7	30.6
Typists	21	3 640	32	356	1 148	510	354	673	498	42	23	4	27.8
Other clerical and kindred workers	33	10 243	142	804	2 237	1 527	1 040	2 292	1 688	313	154	46	32.0
Craftsmen and kindred workers	**22**	**1 691**	**6**	**40**	**159**	**115**	**182**	**446**	**487**	**154**	**68**	**34**	**42.7**
Foremen, n.e.c.	–	491	–	–	11	38	36	107	217	44	32	6	47.5
Operatives, except transport	**82**	**7 442**	**264**	**210**	**571**	**429**	**503**	**1 803**	**2 565**	**689**	**291**	**117**	**44.7**
Assemblers	–	48	6	7	10	5	–	14	6	–	–	–	...
Bottling and canning operatives	–	98	4	5	–	–	10	17	23	24	10	5	...
Checkers, examiners, and inspectors; manufacturing	–	138	8	–	14	9	–	25	59	7	16	–	47.2
Dressmakers and seamstresses, except factory	–	639	7	9	27	30	40	143	240	93	26	24	47.6
Laundry and dry cleaning operatives, including ironers	5	904	5	14	57	8	74	215	351	106	55	19	47.3
Graders and sorters, manufacturing	–	24	5	6	–	–	–	5	4	4	–	–	...
Packers and wrappers, except produce	6	1 290	93	45	61	62	87	344	445	116	20	17	43.6
Sewers and stitchers	–	1 623	3	12	56	75	99	417	754	137	57	13	47.0
Textile operatives	5	7	–	–	–	–	–	7	–	–	–	–	...
Other specified operatives	51	1 391	49	61	223	132	91	362	306	76	70	21	38.9
Miscellaneous and not specified operatives	15	1 280	84	51	123	108	102	254	377	126	37	18	41.8
Manufacturing	12	913	74	24	70	81	63	163	293	100	34	11	43.9
Durable goods	7	99	–	–	12	7	26	32	18	–	–	4	...
Machinery, including electrical	–	3	–	–	3	–	–	–	–	–	–	–	...
Other durable goods	7	96	–	–	9	7	26	32	18	–	–	4	...
Nondurable goods, including not specified manufacturing	5	814	74	24	58	74	37	131	275	100	34	7	45.3
Food and kindred products	5	668	65	18	48	74	28	102	209	87	30	7	44.9
Apparel and other fabricated textile products	–	60	–	–	4	–	–	6	41	5	4	–	...
Nonmanufacturing industries	3	367	10	27	53	27	39	91	84	26	3	7	38.0
Transport equipment operatives	**11**	**296**	**–**	**22**	**51**	**34**	**48**	**77**	**48**	**16**	**–**	**–**	**34.3**
Laborers, except farm	**18**	**749**	**50**	**53**	**134**	**28**	**46**	**146**	**196**	**51**	**33**	**12**	**39.3**
Farmers and farm managers	**–**	**172**	**5**	**–**	**10**	**13**	**–**	**36**	**49**	**15**	**15**	**29**	**49.5**
Farm laborers and farm foremen	**27**	**574**	**21**	**33**	**5**	**38**	**13**	**98**	**168**	**73**	**50**	**75**	**49.7**
Paid farm laborers and farm foremen	27	423	21	33	5	33	13	79	114	60	20	45	47.4
Unpaid family workers	–	151	–	–	–	5	–	19	54	13	30	30	54.5
Service workers, except private household[1]	**166**	**19 265**	**736**	**869**	**2 859**	**2 629**	**1 701**	**4 370**	**4 646**	**1 120**	**662**	**273**	**38.3**
Cleaning service workers	4	3 175	36	87	171	202	256	823	1 072	300	187	41	45.1
Chambermaids and maids	–	1 466	11	32	77	108	160	406	486	131	49	6	43.5
Food service workers	66	8 680	550	475	1 115	845	758	2 083	2 072	469	230	83	37.9
Cooks, except private household	–	1 445	26	30	69	70	75	368	530	165	83	29	46.6
Waiters and food counter workers	55	5 258	459	401	923	666	483	1 129	1 028	137	23	9	31.9
Health service workers	–	1 900	17	84	423	228	203	381	430	76	46	12	34.9
Nursing aides, orderlies, and attendants	–	808	11	19	161	111	82	173	188	34	26	3	36.2
Practical nurses	–	467	–	9	87	29	49	109	140	28	7	9	40.5
Personal service workers	23	3 172	83	152	757	535	239	496	599	166	82	63	31.2
Hairdressers and cosmetologists	–	1 146	–	44	326	236	92	194	192	30	27	5	29.3
Private household workers	**82**	**1 416**	**55**	**51**	**116**	**30**	**64**	**109**	**389**	**263**	**153**	**186**	**52.3**
Private household workers, living in	–	148	–	8	19	–	8	14	39	17	20	23	51.4
Private household workers, living out	82	1 268	55	43	97	30	56	95	350	246	133	163	52.4

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
THE STATE												
Total												
Experienced civilian labor force	**169 538**	**16 588**	**14 262**	**10 675**	**12 547**	**14 334**	**15 557**	**27 383**	**39 085**	**19 107**	**8 059**	**8 873**
Professional, technical, and kindred workers	**25 510**	**1 440**	**1 658**	**910**	**945**	**1 207**	**1 358**	**3 359**	**7 917**	**6 724**	**11 191**	**12 104**
Accountants	2 278	118	141	81	64	122	135	384	750	483	10 627	11 438
Architects	356	10	17	–	4	5	9	26	107	178	15 000	15000+
Computer specialists	776	23	23	–	23	30	44	100	349	184	12 077	12 471
Engineers	3 591	76	75	33	59	46	77	321	1 350	1 554	14 106	14 370
Aeronautical and astronautical	31	–	–	–	–	–	–	–	–	31	...	...
Civil	1 062	9	29	–	14	9	30	74	353	544	15000+	15000+
Electrical and electronic	1 088	35	33	12	12	21	5	118	459	393	13 355	13 694
Mechanical	383	8	4	6	20	4	20	64	119	138	12 752	13 628
Other engineers	1 027	24	9	15	13	12	22	65	419	448	14 218	14 255
Lawyers and judges	585	15	4	12	6	17	21	22	74	414	15000+	15000+
Life and physical scientists	706	21	42	36	31	37	26	95	253	165	11 285	11 764
Chemists	182	9	22	14	–	–	7	24	61	45	11 230	12 009
Physicians, dentists, and related practitioners	1 442	16	42	25	10	15	20	81	205	1 028	15000+	15000+
Dentists	381	–	6	5	–	6	–	13	36	315	15000+	15000+
Pharmacists	160	–	–	–	5	5	–	30	70	50	12 857	13 036
Physicians, medical and osteopathic	804	16	26	20	5	–	16	31	99	591	15000+	15000+
Other related practitioners	97	–	10	–	–	4	4	7	–	72	...	...
Health technologists and technicians	263	8	17	10	14	25	40	72	68	9	8 486	8 871
Religious workers	592	178	61	77	56	63	41	44	59	13	4 740	5 010
Social scientists	346	8	21	14	–	14	–	24	135	130	13 407	13 988
Social and recreation workers	399	38	40	5	14	30	31	81	136	24	9 025	9 636
Teachers	3 767	213	358	159	186	194	262	529	1 262	604	9 934	11 313
College and university	1 512	84	206	84	66	32	50	105	381	504	11 693	14 254
Elementary and prekindergarten	667	34	46	14	25	30	76	166	256	20	9 307	9 786
Secondary	1 272	48	81	42	87	113	121	221	487	72	9 303	10 215
Engineering and science technicians	2 872	92	196	130	143	200	215	583	1 115	198	9 578	10 170
Draftsmen and surveyors	1 277	35	108	62	47	119	114	303	425	64	9 013	9 535
Electrical and electronic engineering technicians	987	15	53	33	58	20	57	182	491	78	10 769	11 207
Technicians, except health, and engineering and science	1 186	8	58	13	32	105	34	152	354	430	12 698	13 212
Airplane pilots	399	–	28	–	5	13	13	16	109	215	15000+	15000+
Writers, artists, and entertainers	2 260	258	200	147	145	99	132	274	555	450	9 088	10 773
Other professional, technical, and kindred workers	4 091	358	355	168	158	205	271	571	1 145	860	9 858	11 089
Managers and administrators, except farm	**19 746**	**645**	**692**	**459**	**576**	**972**	**1 198**	**2 509**	**6 581**	**6 114**	**12 144**	**12 511**
Buyers, purchasing agents, and sales managers	1 745	43	59	25	32	129	174	265	597	421	11 219	11 374
School administrators	456	11	6	–	–	5	16	24	282	112	12 943	13 041
Specified managers and administrators, public administration	2 328	54	16	28	31	70	93	344	1 040	652	12 538	12 680
Other specified managers and administrators	4 177	170	247	148	188	271	350	636	1 200	967	10 327	11 036
Managers and administrators, n.e.c., salaried	9 193	236	267	202	243	388	492	1 083	2 938	3 344	12 868	13 246
Manufacturing	1 027	15	5	16	25	24	41	79	305	517	15000+	15000+
Wholesale and retail trade	2 778	112	86	43	122	152	262	408	790	803	11 291	11 822
Transportation, communications, and other public utilities	1 340	14	36	33	14	36	34	166	585	422	12 880	13 155
All other industries	4 048	95	140	110	82	176	155	430	1 258	1 602	13 323	13 701
Managers and administrators, n.e.c., self-employed	1 847	131	97	56	82	109	73	157	524	618	12 085	12 446
Construction	369	14	27	5	4	7	18	34	123	137	13 069	13 313
Manufacturing	137	11	–	10	8	11	5	10	42	40	11 607	12 619
Wholesale and retail trade	884	74	51	24	48	58	31	86	237	275	11 477	11 727
All other industries	457	32	19	17	22	33	19	27	122	166	12 439	12 936
Sales workers	**8 709**	**880**	**596**	**402**	**500**	**805**	**788**	**1 308**	**1 893**	**1 537**	**8 586**	**9 392**
Insurance agents, brokers, and underwriters	1 087	41	45	19	32	85	68	149	273	375	11 914	12 431
Real estate agents and brokers	702	15	45	41	–	41	20	50	207	283	13 357	13 396
Sales representatives, manufacturing industries	509	16	11	10	34	29	24	88	187	110	11 136	11 439
Sales representatives, wholesale trade	1 783	73	67	52	68	186	264	394	446	233	8 921	9 227
Sales clerks, retail trade	1 650	402	195	117	145	157	151	181	201	101	5 766	7 327
Salesmen, retail trade	1 123	63	98	54	103	125	137	170	219	154	7 865	8 471
Salesmen of services and construction	420	31	11	41	25	33	20	82	137	40	9 195	9 846
Other sales workers	1 435	239	124	68	93	149	104	194	223	241	7 428	8 614
Clerical and kindred workers	**13 217**	**1 344**	**1 261**	**702**	**810**	**1 239**	**1 824**	**2 789**	**2 517**	**731**	**7 687**	**8 225**
Bank tellers and cashiers	380	105	62	36	40	27	56	22	25	7	4 639	6 333
Bookkeepers and billing clerks	1 083	78	82	76	50	144	119	232	235	67	7 937	8 321
Mail handlers and postal clerks	1 444	62	102	46	40	73	317	553	220	31	8 297	8 481
Other clerical and kindred workers	10 310	1 099	1 015	544	680	995	1 332	1 982	2 037	626	7 617	8 223
Craftsmen and kindred workers	**42 432**	**1 830**	**2 280**	**1 759**	**2 693**	**3 341**	**4 646**	**9 200**	**13 895**	**2 789**	**9 015**	**9 394**
Apparel craftsmen and upholsterers	240	46	39	35	28	26	23	28	10	5	5 000	5 786
Bakers	350	26	35	21	26	47	26	56	78	35	7 769	8 843
Cabinetmakers	223	12	14	–	12	15	26	54	75	15	9 204	9 306
Construction craftsmen	16 109	605	799	603	928	1 149	1 601	3 236	6 044	1 144	9 464	9 965
Carpenters	5 850	260	271	181	265	326	558	1 209	2 439	341	9 760	10 434
Excavating, grading, and road machine operators	1 821	53	95	88	196	234	214	339	522	80	8 180	8 420
Electricians	2 213	23	62	46	103	145	208	514	909	203	10 030	10 469
Masons and tile setters	1 358	67	45	59	79	83	134	311	484	96	9 363	9 781
Painters, construction and maintenance, and paperhangers	1 688	64	104	55	143	180	212	324	537	69	8 531	9 050
Plasterers and cement finishers	575	29	32	30	5	22	34	102	274	47	10 611	11 218
Plumbers and pipe fitters	1 891	37	101	92	90	127	193	311	729	211	9 965	10 355
Other construction craftsmen	713	72	89	52	47	32	48	126	150	97	8 262	9 245
Foremen, n.e.c.	4 395	69	45	73	98	229	528	1 062	1 821	470	10 257	10 441
Manufacturing	1 321	6	6	43	24	76	195	393	475	103	9 580	9 646
Nonmanufacturing industries	3 074	63	39	30	74	153	333	669	1 346	367	10 654	10 841
Linemen and servicemen, telephone and power	1 946	36	147	84	87	121	196	522	714	39	9 157	9 378
Locomotive engineers and firemen	–	–	–	–	–	–	–	–	–	–	–	–
Mechanics and repairmen	9 409	466	545	463	707	888	1 236	2 308	2 299	497	8 346	8 639
Air conditioning, heating, and refrigeration	469	14	14	17	27	29	30	148	174	16	9 399	9 574
Aircraft	905	18	20	20	19	52	43	191	457	85	10 979	11 066
Automobile, including body	3 375	208	251	185	356	418	546	819	463	129	7 494	7 696
Radio and television	764	47	29	5	37	38	87	145	305	71	9 917	10 156
Other mechanics and repairmen	3 896	179	231	236	268	351	530	1 005	900	196	8 304	8 611
Metal craftsmen, except mechanics	2 210	74	73	54	133	244	228	501	825	78	9 194	9 488
Machinists and job and die setters	1 112	5	41	43	75	126	107	279	391	45	9 140	9 301
Sheetmetal workers and tinsmiths	593	50	16	4	15	44	74	121	252	17	9 545	10 211
Tool and die makers	69	9	5	–	–	6	25	15	9	–	...	...
Other metal craftsmen	436	10	11	7	43	68	22	86	173	16	9 326	9 564
Printing craftsmen	671	76	44	43	31	51	58	143	203	22	8 455	8 992
Compositors and typesetters	359	41	16	13	5	38	50	90	106	–	8 367	8 976
Pressmen and plate printers, printing	228	17	23	25	21	8	8	41	63	22	8 585	8 971
Stationary engineers and power station operators	617	21	27	11	69	44	77	171	160	37	8 696	8 855
Other craftsmen and kindred workers	6 263	399	512	372	574	527	647	1 119	1 666	447	8 180	8 807

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
THE STATE — Continued												
Total — Continued												
Experienced civilian labor force — Continued												
Operatives, except transport	**12 478**	**2 282**	**1 497**	**875**	**1 214**	**1 296**	**1 232**	**1 956**	**1 781**	**345**	**6 286**	**7 262**
Assemblers	154	29	27	6	17	3	10	40	22	–	5 882	8 059
Checkers, examiners, and inspectors; manufacturing	104	9	3	10	8	14	24	11	14	11	7 333	...
Garage workers and gas station attendants	1 819	1 047	395	108	101	52	42	43	18	13	1 737	3 489
Laundry and drycleaning operatives, n.e.c	201	51	46	41	13	10	9	5	5	21	4 085	4 417
Meat cutters and butchers	622	32	64	31	90	102	117	101	53	32	6 922	7 323
Mine operatives, n.e.c	44	5	–	–	5	5	–	9	20	–	...	...
Packers and wrappers, except produce	400	102	68	25	44	30	31	76	24	–	5 114	6 360
Painters, manufactured articles	211	3	22	26	5	37	23	68	27	–	7 543	8 054
Precision machine operatives	99	6	7	–	4	15	4	31	32	–	...	...
Sawyers	26	–	13	–	–	–	6	7	–	–	...	...
Stationary firemen	286	3	12	5	40	44	50	53	74	5	7 780	8 000
Textile operatives	13	5	–	5	–	–	–	3	–	–	...	...
Welders and flamecutters	1 701	58	56	118	55	188	171	450	493	112	8 909	9 068
Other metalworking operatives	126	7	9	–	23	39	20	14	14	–	6 615	6 769
Other specified operatives	2 875	412	434	200	294	259	283	430	470	93	6 376	7 239
Miscellaneous and not specified operatives	3 797	513	341	300	515	498	442	615	515	58	6 461	7 072
Occupation:												
Machine operatives, miscellaneous specified	1 170	156	72	75	185	184	138	225	113	22	6 527	6 888
Machine operatives, not specified	429	39	21	34	39	76	56	68	85	11	7 098	7 689
Miscellaneous operatives	1 828	248	240	187	219	194	182	290	257	11	6 103	6 997
Not specified operatives	370	70	8	4	72	44	66	32	60	14	6 705	7 242
Industry:												
Manufacturing	2 021	280	127	161	361	309	234	310	198	41	6 264	6 688
Durable goods	528	77	23	21	50	58	51	125	94	29	7 686	8 367
Wood products, including furniture	54	26	–	6	9	5	4	–	4	–	...	...
Primary metal industries	44	–	5	–	–	7	–	17	15	–	...	...
Fabricated metal industries	76	5	6	5	11	12	16	10	11	–	...	...
Machinery, including electrical	40	7	–	–	14	8	5	–	6	–	...	...
Motor vehicles and equipment	4	–	–	–	–	–	4	–	–	–	...	...
Transportation equipment, except motor vehicles	126	–	–	–	6	13	11	70	18	8	8 943	9 043
Other durable goods	184	39	12	10	10	13	11	28	40	21	7 727	9 043
Nondurable goods	1 488	203	101	140	309	251	183	185	104	12	5 971	6 313
Food and kindred products	1 296	168	79	130	297	237	171	138	68	8	5 912	6 162
Apparel and other fabricated textile products	10	–	10	–	–	–	–	–	–	–	...	–
Paper and allied products	70	17	5	–	12	9	6	16	5	–	...	...
Chemicals and allied products	16	5	–	–	–	5	6	–	–	–	...	...
Other nondurable goods	96	13	7	10	–	–	–	31	31	4	...	...
Not specified manufacturing industries	5	–	3	–	2	–	–	–	–	–	...	...
Nonmanufacturing industries	1 776	233	214	139	154	189	208	305	317	17	6 783	7 610
Transportation, communications, and other public utilities	450	25	32	26	32	26	52	104	146	7	8 615	8 920
Wholesale and retail trade	300	77	60	11	21	29	25	30	41	6	5 095	6 707
All other industries	1 026	131	122	102	101	134	131	171	130	4	6 425	7 173
Transport equipment operatives	**9 742**	**907**	**951**	**878**	**1 244**	**1 541**	**1 327**	**1 618**	**1 104**	**172**	**6 578**	**7 034**
Bus drivers	522	31	55	44	16	91	97	142	46	–	7 247	7 536
Taxicab drivers and chauffeurs	872	76	158	143	57	92	130	127	89	–	6 022	7 013
Truck drivers and deliverymen	6 673	546	569	554	949	1 166	899	1 107	726	157	6 616	6 960
Other transport equipment operatives	1 675	254	169	137	222	192	201	242	243	15	6 289	7 147
Laborers, except farm	**13 470**	**3 043**	**1 944**	**1 557**	**1 596**	**1 444**	**1 033**	**1 699**	**1 024**	**130**	**5 120**	**6 101**
Construction laborers	3 363	510	446	357	339	357	275	635	374	70	6 083	7 400
Freight, stock, and material handlers	4 434	1 137	560	277	410	561	451	657	356	25	5 593	6 754
Other specified laborers	4 337	1 045	748	720	616	365	240	336	235	32	4 522	5 172
Miscellaneous and not specified laborers	1 336	351	190	203	231	161	67	71	59	3	4 626	5 423
Occupation:												
Miscellaneous laborers	234	29	29	42	48	38	14	23	8	3	5 354	5 902
Not specified laborers	1 102	322	161	161	183	123	53	48	51	–	4 422	5 289
Industry:												
Manufacturing	415	81	44	81	88	33	33	29	26	–	5 017	5 669
Durable goods	170	49	26	17	18	13	18	13	16	–	4 588	...
Wood products, including furniture	14	–	5	9	–	–	–	–	–	–	...	...
Metal industries	51	23	9	–	4	–	11	4	–	–	...	...
Machinery, including electrical	16	10	6	–	–	–	–	–	–	–	...	–
Transportation equipment	39	5	4	8	5	–	4	9	4	–	...	...
Other durable goods	50	11	2	–	9	13	3	–	12	–	...	...
Nondurable goods	239	32	18	64	70	20	9	16	10	–	5 079	5 473
Food and kindred products	223	26	13	64	70	15	9	16	10	–	5 121	5 427
Not specified manufacturing industries	6	–	–	–	–	–	6	–	–	–	...	...
Nonmanufacturing industries	921	270	146	122	143	128	34	42	33	3	4 365	5 283
Railroads and railway express service	–	–	–	–	–	–	–	–	–	–	–	–
Transportation, except railroads	64	7	14	–	5	12	9	12	5	–	...	...
Communications, and utilities and sanitary services	114	–	6	25	34	31	4	9	5	–	5 765	...
Wholesale and retail trade	211	88	33	16	32	16	11	4	11	–	3 061	5 484
All other industries	532	175	93	81	72	69	10	17	12	3	3 957	4 695
Farmers and farm managers	**1 225**	**230**	**127**	**124**	**98**	**40**	**40**	**73**	**282**	**211**	**6 838**	**9 044**
Farm laborers and farm foremen	**6 054**	**744**	**841**	**1 128**	**1 294**	**765**	**635**	**435**	**175**	**37**	**5 243**	**5 525**
Paid farm laborers and farm foremen	6 041	735	841	1 124	1 294	765	635	435	175	37	5 248	5 527
Unpaid family workers	13	9	–	4	–	–	–	–	–	–	...	...
Service workers, except private household[1]	**16 887**	**3 209**	**2 401**	**1 881**	**1 577**	**1 679**	**1 476**	**2 431**	**1 916**	**317**	**5 604**	**6 653**
Cleaning service workers	4 324	1 063	724	810	584	389	311	294	124	25	4 463	5 083
Food service workers	4 524	1 248	755	412	442	561	373	447	246	40	4 629	6 123
Cooks, except private household	1 782	253	206	133	174	249	255	295	187	30	6 502	7 216
Busboys and dishwashers	1 052	538	239	133	46	40	13	25	13	5	1 955	4 106
Health service workers	452	27	69	94	46	64	65	53	34	–	5 783	6 141
Personal service workers	2 151	381	373	221	226	215	211	252	217	55	5 445	6 389
Protective service workers	3 704	147	220	123	172	322	379	1 090	1 109	142	8 897	9 135
Firemen, fire protection	1 194	16	12	29	26	69	86	442	442	72	9 624	9 748
Guards and watchmen	1 027	93	162	75	119	149	123	153	138	15	6 433	6 893
Policemen and detectives	1 441	33	42	19	27	92	165	483	525	55	9 418	9 557
Private household workers	**67**	**34**	**22**	–	–	**5**	–	**6**	–	–	...	...

[1] Includes allocated cases not shown separately.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
THE STATE—Continued												
Negro												
Experienced civilian labor force	**675**	**92**	**68**	**97**	**84**	**52**	**43**	**78**	**122**	**39**	**5 958**	**7 591**
Professional, technical, and kindred workers	**129**	**8**	**8**	**8**	**13**	**5**	**13**	**10**	**47**	**17**	**9 900**	...
Accountants	2	-	-	2	-	-	-	-	-	-	...	...
Architects	-	-	-	-	-	-	-	-	-	-	-	-
Computer specialists	-	-	-	-	-	-	-	-	-	-	-	-
Engineers	-	-	-	-	-	-	-	-	-	-	-	-
Aeronautical and astronautical	-	-	-	-	-	-	-	-	-	-	-	-
Civil	-	-	-	-	-	-	-	-	-	-	-	-
Electrical and electronic	-	-	-	-	-	-	-	-	-	-	-	-
Mechanical	-	-	-	-	-	-	-	-	-	-	-	-
Other engineers	-	-	-	-	-	-	-	-	-	-	-	-
Lawyers and judges	-	-	-	-	-	-	-	-	-	-	-	-
Life and physical scientists	4	-	-	-	4	-	-	-	-	-	...	-
Chemists	-	-	-	-	-	-	-	-	-	-	-	-
Physicians, dentists, and related practitioners	6	-	-	-	-	-	-	-	-	6	...	...
Dentists	-	-	-	-	-	-	-	-	-	-	-	-
Pharmacists	-	-	-	-	-	-	-	-	-	-	-	-
Physicians, medical and osteopathic	6	-	-	-	-	-	-	-	-	6	...	...
Other related practitioners	-	-	-	-	-	-	-	-	-	-	-	-
Health technologists and technicians	6	-	-	-	-	-	-	6	-	-	...	...
Religious workers	-	-	-	-	-	-	-	-	-	-	-	-
Social scientists	5	-	-	-	-	-	-	-	5	-	...	...
Social and recreation workers	10	-	-	-	-	-	-	-	10	-	...	...
Teachers	23	-	8	6	-	5	-	-	4	-	...	...
College and university	4	-	4	-	-	-	-	-	-	-	...	-
Elementary and prekindergarten	-	-	-	-	-	-	-	-	-	-	-	-
Secondary	19	-	4	6	-	5	-	-	4	-	...	...
Engineering and science technicians	29	-	-	-	-	-	10	4	10	5	...	...
Draftsmen and surveyors	4	-	-	-	-	-	-	4	-	-	...	...
Electrical and electronic engineering technicians	25	-	-	-	-	-	10	-	10	5	...	...
Technicians, except health, and engineering and science	5	-	-	-	5	-	-	-	-	-	...	...
Airplane pilots	-	-	-	-	-	-	-	-	-	-	-	-
Writers, artists, and entertainers	18	8	-	-	-	-	-	-	4	6	...	...
Other professional, technical, and kindred workers	21	-	-	-	4	-	3	-	14	-	...	...
Managers and administrators, except farm	**38**	**3**	**-**	**4**	**-**	**5**	**4**	**-**	**16**	**6**	...	...
Buyers, purchasing agents, and sales managers	17	-	-	-	-	-	4	-	13	-	...	...
School administrators	-	-	-	-	-	-	-	-	-	-	-	-
Specified managers and administrators, public administration	-	-	-	-	-	-	-	-	-	-	-	-
Other specified managers and administrators	9	-	-	4	-	5	-	-	-	-	...	...
Managers and administrators, n.e.c., salaried	9	-	-	-	-	-	-	-	3	6	...	...
Manufacturing	-	-	-	-	-	-	-	-	-	-	-	-
Wholesale and retail trade	-	-	-	-	-	-	-	-	-	-	-	-
Transportation, communications, and other public utilities	-	-	-	-	-	-	-	-	-	-	-	-
All other industries	9	-	-	-	-	-	-	-	3	6	...	...
Managers and administrators, n.e.c., self-employed	3	3	-	-	-	-	-	-	-	-	...	...
Construction	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	-	-	-	-	-	-	-	-	-	-	-	-
Wholesale and retail trade	-	-	-	-	-	-	-	-	-	-	-	-
All other industries	3	3	-	-	-	-	-	-	-	-	...	...
Sales workers	**10**	**-**	**-**	**-**	**7**	**-**	**3**	**-**	**-**	**-**	...	...
Insurance agents, brokers, and underwriters	-	-	-	-	-	-	-	-	-	-	-	-
Real estate agents and brokers	-	-	-	-	-	-	-	-	-	-	-	-
Sales representatives, manufacturing industries	-	-	-	-	-	-	-	-	-	-	-	-
Sales representatives, wholesale trade	-	-	-	-	-	-	-	-	-	-	-	-
Sales clerks, retail trade	3	-	-	-	-	-	3	-	-	-	...	...
Salesmen, retail trade	-	-	-	-	-	-	-	-	-	-	-	-
Salesmen of services and construction	4	-	-	-	4	-	-	-	-	-	...	...
Other sales workers	3	-	-	-	3	-	-	-	-	-	...	...
Clerical and kindred workers	**93**	**12**	**13**	**10**	**8**	**10**	**4**	**12**	**16**	**8**	...	...
Bank tellers and cashiers	-	-	-	-	-	-	-	-	-	-	-	-
Bookkeepers and billing clerks	-	-	-	-	-	-	-	-	-	-	-	-
Mail handlers and postal clerks	6	-	-	-	-	-	-	-	6	-	...	...
Other clerical and kindred workers	87	12	13	10	8	10	4	12	10	8	...	...
Craftsmen and kindred workers	**123**	**16**	**8**	**34**	**20**	**5**	**-**	**10**	**22**	**8**	**5 175**	...
Apparel craftsmen and upholsterers	3	3	-	-	-	-	-	-	-	-	...	-
Bakers	-	-	-	-	-	-	-	-	-	-	-	-
Cabinetmakers	-	-	-	-	-	-	-	-	-	-	-	-
Construction craftsmen	44	8	4	4	11	5	-	-	12	-	...	...
Carpenters	13	-	-	-	4	-	-	-	9	-	...	...
Excavating, grading, and road machine operators	-	-	-	-	-	-	-	-	-	-	-	-
Electricians	-	-	-	-	-	-	-	-	-	-	-	-
Masons and tile setters	8	8	-	-	-	-	-	-	-	-	...	-
Painters, construction and maintenance, and paperhangers	5	-	-	-	-	5	-	-	-	-	...	...
Plasterers and cement finishers	7	-	-	4	-	-	-	-	3	-	...	...
Plumbers and pipe fitters	7	-	4	-	3	-	-	-	-	-	...	...
Other construction craftsmen	4	-	-	-	4	-	-	-	-	-	...	-
Foremen, n.e.c.	6	-	-	-	-	-	-	6	-	-	...	...
Manufacturing	6	-	-	-	-	-	-	6	-	-	...	...
Nonmanufacturing industries	-	-	-	-	-	-	-	-	-	-	-	-
Linemen and servicemen, telephone and power	4	-	-	-	-	-	-	4	-	-	...	...
Locomotive engineers and firemen	-	-	-	-	-	-	-	-	-	-	-	-
Mechanics and repairmen	8	-	-	-	3	-	-	-	5	-	...	...
Air conditioning, heating, and refrigeration	5	-	-	-	-	-	-	-	5	-	...	...
Aircraft	3	-	-	-	3	-	-	-	-	-	...	...
Automobile, including body	-	-	-	-	-	-	-	-	-	-	-	-
Radio and television	-	-	-	-	-	-	-	-	-	-	-	-
Other mechanics and repairmen	-	-	-	-	-	-	-	-	-	-	-	-
Metal craftsmen, except mechanics	-	-	-	-	-	-	-	-	-	-	-	-
Machinists and job and die setters	-	-	-	-	-	-	-	-	-	-	-	-
Sheetmetal workers and tinsmiths	-	-	-	-	-	-	-	-	-	-	-	-
Tool and die makers	-	-	-	-	-	-	-	-	-	-	-	-
Other metal craftsmen	-	-	-	-	-	-	-	-	-	-	-	-
Printing craftsmen	-	-	-	-	-	-	-	-	-	-	-	-
Compositors and typesetters	-	-	-	-	-	-	-	-	-	-	-	-
Pressmen and plate printers, printing	-	-	-	-	-	-	-	-	-	-	-	-
Stationary engineers and power station operators	5	-	-	-	-	-	-	-	-	-	-	-
Other craftsmen and kindred workers	53	5	4	30	6	-	-	-	5	-	...	...
									-	8	...	...

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
THE STATE—Continued												
Negro—Continued												
Experienced civilian labor force—Continued												
Operatives, except transport	73	16	17	14	4	-	-	18	4	-	...	...
Assemblers	-	-	-	-	-	-	-	-	-	-	-	-
Checkers, examiners, and inspectors; manufacturing	3	-	3	-	-	-	-	-	-	-	...	-
Garage workers and gas station attendants	-	-	-	-	-	-	-	-	-	-	-	-
Laundry and drycleaning operatives, n.e.c	-	-	-	-	-	-	-	-	-	-	-	-
Meat cutters and butchers	-	-	-	-	-	-	-	-	-	-	-	-
Mine operatives, n.e.c	-	-	-	-	-	-	-	-	-	-	-	-
Packers and wrappers, except produce	-	-	-	-	-	-	-	-	-	-	-	-
Painters, manufactured articles	-	-	-	-	-	-	-	-	-	-	-	-
Precision machine operatives	-	-	-	-	-	-	-	-	-	-	-	-
Sawyers	-	-	-	-	-	-	-	-	-	-	-	-
Stationary firemen	-	-	-	-	-	-	-	-	-	-	-	-
Textile operatives	-	-	-	-	-	-	-	-	-	-	-	-
Welders and flamecutters	-	-	-	-	-	-	-	-	-	-	-	-
Other metalworking operatives	4	-	-	-	4	-	-	-	-	-	...	...
Other specified operatives	43	11	14	14	-	-	-	4	-	-	...	...
Miscellaneous and not specified operatives	23	5	-	-	-	-	-	14	4	-	...	...
Occupation:												
Machine operatives, miscellaneous specified	12	5	-	-	-	-	-	7	-	-	...	...
Machine operatives, not specified	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous operatives	11	-	-	-	-	-	-	7	4	-	...	...
Not specified operatives	-	-	-	-	-	-	-	-	-	-	-	-
Industry:												
Manufacturing	16	5	-	-	-	-	-	7	4	-	...	...
Durable goods	11	-	-	-	-	-	-	7	4	-	...	...
Wood products, including furniture	4	-	-	-	-	-	-	-	4	-	...	...
Primary metal industries	-	-	-	-	-	-	-	-	-	-	-	-
Fabricated metal industries	-	-	-	-	-	-	-	-	-	-	-	-
Machinery, including electrical	-	-	-	-	-	-	-	-	-	-	-	-
Motor vehicles and equipment	-	-	-	-	-	-	-	-	-	-	-	-
Transportation equipment, except motor vehicles	7	-	-	-	-	-	-	7	-	-	...	...
Other durable goods	-	-	-	-	-	-	-	-	-	-	-	-
Nondurable goods	5	5	-	-	-	-	-	-	-	-	...	-
Food and kindred products	-	-	-	-	-	-	-	-	-	-	-	-
Apparel and other fabricated textile products	-	-	-	-	-	-	-	-	-	-	-	-
Paper and allied products	-	-	-	-	-	-	-	-	-	-	-	-
Chemicals and allied products	5	5	-	-	-	-	-	-	-	-	...	-
Other nondurable goods	-	-	-	-	-	-	-	-	-	-	-	-
Not specified manufacturing industries	-	-	-	-	-	-	-	-	-	-	-	-
Nonmanufacturing industries	7	-	-	-	-	-	-	7	-	-	...	...
Transportation, communications, and other public utilities	3	-	-	-	-	-	-	3	-	-	...	...
Wholesale and retail trade	-	-	-	-	-	-	-	-	-	-	-	-
All other industries	4	-	-	-	-	-	-	4	-	-	...	...
Transport equipment operatives	24	5	-	8	5	-	-	-	6	-	...	...
Bus drivers	-	-	-	-	-	-	-	-	-	-	-	-
Taxicab drivers and chauffeurs	9	-	-	4	5	-	-	-	-	-	...	...
Truck drivers and deliverymen	11	5	-	-	-	-	-	-	6	-	...	...
Other transport equipment operatives	4	-	-	4	-	-	-	-	-	-	...	...
Laborers, except farm	66	5	5	14	5	19	10	8	-	-	...	...
Construction laborers	29	-	-	8	-	11	10	-	-	-	...	...
Freight, stock, and material handlers	19	-	-	6	-	5	-	8	-	-	...	...
Other specified laborers	15	5	5	-	5	-	-	-	-	-	...	...
Miscellaneous and not specified laborers	3	-	-	-	-	3	-	-	-	-	...	...
Occupation:												
Miscellaneous laborers	3	-	-	-	-	3	-	-	-	-	...	...
Not specified laborers	-	-	-	-	-	-	-	-	-	-	-	-
Industry:												
Manufacturing	-	-	-	-	-	-	-	-	-	-	-	-
Durable goods	-	-	-	-	-	-	-	-	-	-	-	-
Wood products, including furniture	-	-	-	-	-	-	-	-	-	-	-	-
Metal industries	-	-	-	-	-	-	-	-	-	-	-	-
Machinery, including electrical	-	-	-	-	-	-	-	-	-	-	-	-
Transportation equipment	-	-	-	-	-	-	-	-	-	-	-	-
Other durable goods	-	-	-	-	-	-	-	-	-	-	-	-
Nondurable goods	-	-	-	-	-	-	-	-	-	-	-	-
Food and kindred products	-	-	-	-	-	-	-	-	-	-	-	-
Not specified manufacturing industries	-	-	-	-	-	-	-	-	-	-	-	-
Nonmanufacturing industries	3	-	-	-	-	3	-	-	-	-	...	...
Railroads and railway express service	-	-	-	-	-	-	-	-	-	-	-	-
Transportation, except railroads	-	-	-	-	-	-	-	-	-	-	-	-
Communications, and utilities and sanitary services	3	-	-	-	-	3	-	-	-	-	...	...
Wholesale and retail trade	-	-	-	-	-	-	-	-	-	-	-	-
All other industries	-	-	-	-	-	-	-	-	-	-	-	-
Farmers and farm managers	-	-	-	-	-	-	-	-	-	-	-	-
Farm laborers and farm foremen	-	-	-	-	-	-	-	-	-	-	-	-
Paid farm laborers and farm foremen	-	-	-	-	-	-	-	-	-	-	-	-
Unpaid family workers	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, except private household[1]	119	27	17	5	22	8	9	20	11	-	$ 477	...
Cleaning service workers	13	9	-	-	-	-	4	-	-	-	...	...
Food service workers	61	14	9	5	16	4	-	9	4	-	...	...
Cooks, except private household	17	-	-	-	4	4	-	9	-	-	...	...
Busboys and dishwashers	19	14	-	5	-	-	-	-	-	-	...	...
Health service workers	-	-	-	-	-	-	-	-	-	-	-	-
Personal service workers	13	4	-	-	-	2	-	7	-	-	...	...
Protective service workers	32	-	8	-	6	2	5	4	7	-	...	...
Firemen, fire protection	4	-	-	-	-	-	-	4	-	-	...	...
Guards and watchmen	25	-	8	-	6	2	5	-	4	-	...	...
Policemen and detectives	3	-	-	-	-	-	-	-	3	-	...	-
Private household workers	-	-	-	-	-	-	-	-	-	-	-	-

[1]Includes allocated cases not shown separately.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or less	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
THE STATE—Continued												
Persons of Spanish Language												
Experienced civilian labor force	**4 282**	**446**	**466**	**265**	**354**	**435**	**424**	**727**	**781**	**384**	**7 413**	**8 220**
Professional, technical, and kindred workers	**438**	**14**	**27**	**23**	**6**	**35**	**21**	**50**	**102**	**152**	**11 912**	**12 128**
Accountants	25	-	-	-	-	-	-	7	18	-	...	...
Architects	-	-	-	-	-	-	-	-	-	-	-	-
Computer specialists	7	-	-	-	-	-	-	-	7	-	...	...
Engineers	75	6	-	-	-	-	-	11	24	34	...	...
Aeronautical and astronautical	-	-	-	-	-	-	-	-	-	-	-	-
Civil	28	-	-	-	-	-	-	11	11	6	...	...
Electrical and electronic	20	-	-	-	-	-	-	-	-	20	...	...
Mechanical	-	-	-	-	-	-	-	-	-	-	-	-
Other engineers	27	6	-	-	-	-	-	-	13	8	...	...
Lawyers and judges	14	-	-	-	-	-	-	-	-	14	...	...
Life and physical scientists	10	-	-	6	-	4	-	-	-	-	...	...
Chemists	-	-	-	-	-	-	-	-	-	-	-	-
Physicians, dentists, and related practitioners	7	-	-	-	-	-	-	-	-	7	...	...
Dentists	7	-	-	-	-	-	-	-	-	7	...	...
Pharmacists	-	-	-	-	-	-	-	-	-	-	-	-
Physicians, medical and osteopathic	-	-	-	-	-	-	-	-	-	-	-	-
Other related practitioners	-	-	-	-	-	-	-	-	-	-	-	-
Health technologists and technicians	7	-	-	-	-	-	-	7	-	-	...	...
Religious workers	-	-	-	-	-	-	-	-	-	-	-	-
Social scientists	7	-	-	-	-	-	-	-	7	-	...	...
Social and recreation workers	6	-	-	-	-	6	-	-	-	-	...	...
Teachers	107	-	22	5	-	11	7	12	24	26	9 417	...
College and university	52	-	15	5	-	-	-	6	-	26	...	...
Elementary and prekindergarten	16	-	-	-	-	-	-	-	16	-	...	...
Secondary	39	-	7	-	-	11	7	6	8	-	...	...
Engineering and science technicians	39	-	5	6	-	-	-	13	8	7	...	...
Draftsmen and surveyors	13	-	5	-	-	-	-	-	8	-	...	-
Electrical and electronic engineering technicians	20	-	-	-	-	-	-	13	-	7	...	...
Technicians, except health, and engineering and science	22	-	-	-	-	7	7	-	-	8	...	...
Airplane pilots	8	-	-	-	-	-	-	-	-	8	...	...
Writers, artists, and entertainers	67	4	-	6	-	-	7	-	7	43	...	...
Other professional, technical, and kindred workers	37	4	-	-	6	7	-	-	7	13	...	...
Managers and administrators, except farm	**353**	**-**	**31**	**10**	**17**	**6**	**12**	**44**	**124**	**109**	**12 278**	**12 899**
Buyers, purchasing agents, and sales managers	47	-	-	-	4	-	6	-	8	29	...	...
School administrators	5	-	-	-	-	-	-	-	5	-	...	-
Specified managers and administrators, public administration	87	-	-	5	-	-	-	8	23	51	...	...
Other specified managers and administrators	71	-	16	5	-	-	-	-	38	12	...	...
Managers and administrators, n.e.c., salaried	106	-	-	-	13	6	6	36	28	17	9 556	...
Manufacturing	13	-	-	-	-	-	-	-	7	6	...	...
Wholesale and retail trade	46	-	-	-	6	6	6	17	5	6	...	...
Transportation, communications, and other public utilities	12	-	-	-	-	-	-	7	-	5	...	...
All other industries	35	-	-	-	7	-	-	12	16	-	...	...
Managers and administrators, n.e.c., self-employed	37	-	15	-	-	-	-	-	22	-	...	...
Construction	7	-	7	-	-	-	-	-	-	-	...	-
Manufacturing	7	-	-	-	-	-	-	-	7	-	...	...
Wholesale and retail trade	16	-	8	-	-	-	-	-	8	-	...	...
All other industries	7	-	-	-	-	-	-	-	7	-	...	...
Sales workers	**125**	**-**	**7**	**7**	**15**	**15**	**8**	**13**	**46**	**14**	**9 615**	**10 543**
Insurance agents, brokers, and underwriters	22	-	7	-	-	-	-	-	15	-	...	...
Real estate agents and brokers	19	-	-	7	-	-	-	6	6	-	...	...
Sales representatives, manufacturing industries	15	-	-	-	-	-	-	-	8	7	...	...
Sales representatives, wholesale trade	14	-	-	-	-	-	-	7	7	-	...	...
Sales clerks, retail trade	13	-	-	-	8	-	-	-	5	-	...	...
Salesmen, retail trade	20	-	-	-	7	-	8	-	5	-	...	...
Salesmen of services and construction	-	-	-	-	-	-	-	-	-	-	-	-
Other sales workers	22	-	-	-	-	15	-	-	-	7	...	...
Clerical and kindred workers	**249**	**44**	**45**	**8**	**27**	**24**	**23**	**53**	**21**	**4**	**6 021**	**8 019**
Bank tellers and cashiers	6	6	-	-	-	-	-	-	-	-	...	-
Bookkeepers and billing clerks	22	-	-	-	-	-	-	7	15	-	...	...
Mail handlers and postal clerks	-	-	-	-	-	-	-	-	-	-	-	-
Other clerical and kindred workers	221	38	45	8	27	24	23	46	6	4	5 722	7 344
Craftsmen and kindred workers	**1 247**	**65**	**130**	**74**	**63**	**75**	**172**	**285**	**307**	**76**	**8 312**	**8 730**
Apparel craftsmen and upholsterers	-	-	-	-	-	-	-	-	-	-	-	-
Bakers	-	-	-	-	-	-	-	-	-	-	-	-
Cabinetmakers	10	-	-	-	-	-	10	-	-	-	...	...
Construction craftsmen	474	9	87	38	19	25	38	91	127	40	8 462	8 881
Carpenters	70	9	21	12	-	-	-	15	13	-	...	...
Excavating, grading, and road machine operators	111	-	20	3	10	-	18	21	30	9	8 429	...
Electricians	44	-	-	-	-	-	7	6	24	7	...	...
Masons and tile setters	54	-	20	6	-	-	-	6	7	15	...	...
Painters, construction and maintenance, and paperhangers	61	-	6	-	9	25	5	7	9	-	...	...
Plasterers and cement finishers	32	-	-	-	-	-	8	10	8	6	...	...
Plumbers and pipe fitters	62	-	14	17	-	-	-	14	14	3	...	...
Other construction craftsmen	40	-	6	-	-	-	-	12	22	-	...	...
Foremen, n.e.c.	114	-	-	-	7	-	7	43	47	10	10 000	10 319
Manufacturing	29	-	-	-	-	-	-	19	5	5	...	...
Nonmanufacturing industries	85	-	-	-	7	-	7	24	42	5	...	...
Linemen and servicemen, telephone and power	29	-	-	-	-	-	-	15	14	-	...	...
Locomotive engineers and firemen	-	-	-	-	-	-	-	-	-	-	-	-
Mechanics and repairmen	234	7	23	19	6	5	32	61	75	6	8 820	9 016
Air conditioning, heating, and refrigeration	-	-	-	-	-	-	-	-	-	-	-	-
Aircraft	29	-	-	-	-	-	-	8	21	-	...	...
Automobile, including body	70	7	15	19	-	-	17	6	-	6	...	...
Radio and television	26	-	-	-	-	-	-	6	20	-	...	...
Other mechanics and repairmen	109	-	8	-	6	5	15	41	34	-	9 000	8 805
Metal craftsmen, except mechanics	117	6	-	-	12	13	15	33	25	13	8 758	...
Machinists and job and die setters	47	-	-	-	-	6	8	13	13	7	...	...
Sheetmetal workers and tinsmiths	19	6	-	-	-	-	7	-	6	-	...	...
Tool and die makers	6	-	-	-	-	-	-	-	6	-	...	...
Other metal craftsmen	45	-	-	-	12	7	-	20	-	6	...	...
Printing craftsmen	6	6	-	-	-	-	-	-	-	-	...	-
Compositors and typesetters	-	-	-	-	-	-	-	-	-	-	-	-
Pressmen and plate printers, printing	6	6	-	-	-	-	-	-	-	-	...	-
Stationary engineers and power station operators	22	8	-	-	-	-	9	-	5	-	...	...
Other craftsmen and kindred workers	241	29	20	17	19	32	61	42	14	7	7 057	7 302

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
THE STATE—Continued												
Persons of Spanish Language—Continued												
Experienced civilian labor force—Continued												
Operatives, except transport	**426**	**73**	**51**	**36**	**32**	**75**	**32**	**79**	**48**	**-**	**6 280**	**7 426**
Assemblers	8	8	-	-	-	-	-	-	-	-	...	-
Checkers, examiners, and inspectors; manufacturing	5	-	-	5	-	-	-	-	-	-	...	...
Garage workers and gas station attendants	69	20	8	11	-	24	6	-	-	-	...	...
Laundry and drycleaning operatives, n.e.c	7	7	-	-	-	-	-	-	-	-	...	-
Meat cutters and butchers	21	-	6	-	-	7	-	8	-	-	...	...
Mine operatives, n.e.c	-	-	-	-	-	-	-	-	-	-	-	-
Packers and wrappers, except produce	35	7	5	-	8	8	-	7	-	-	...	...
Painters, manufactured articles	-	-	-	-	-	-	-	-	-	-	-	-
Precision machine operatives	8	-	-	-	-	-	-	-	8	-	...	...
Sawyers	-	-	-	-	-	-	-	-	-	-	-	-
Stationary firemen	20	-	7	-	-	-	6	-	7	-	...	...
Textile operatives	-	-	-	-	-	-	-	-	-	-	-	-
Welders and flamecutters	35	9	-	7	-	8	-	-	11	-	...	...
Other metalworking operatives	-	-	-	-	-	-	-	-	-	-	-	-
Other specified operatives	69	6	-	6	6	10	5	14	22	-	...	...
Miscellaneous and not specified operatives	149	16	25	7	18	18	15	50	-	-	6 472	...
Occupation:												
Machine operatives, miscellaneous specified	41	-	-	-	-	18	-	23	-	-	...	...
Machine operatives, not specified	18	8	-	-	-	-	5	5	-	-	...	...
Miscellaneous operatives	77	-	20	7	18	-	10	22	-	-	...	...
Not specified operatives	13	8	5	-	-	-	-	-	-	-	...	-
Industry:												
Manufacturing	86	16	-	7	11	18	-	34	-	-	...	...
Durable goods	29	-	-	-	-	-	-	29	-	-	...	...
Wood products, including furniture	-	-	-	-	-	-	-	-	-	-	-	-
Primary metal industries	-	-	-	-	-	-	-	-	-	-	-	-
Fabricated metal industries	7	-	-	-	-	-	-	7	-	-	...	...
Machinery, including electrical	-	-	-	-	-	-	-	-	-	-	-	-
Motor vehicles and equipment	-	-	-	-	-	-	-	-	-	-	-	-
Transportation equipment, except motor vehicles	15	-	-	-	-	-	-	15	-	-	...	...
Other durable goods	7	-	-	-	-	-	-	7	-	-	...	...
Nondurable goods	57	16	-	7	11	18	-	5	-	-	...	...
Food and kindred products	57	16	-	7	11	18	-	5	-	-	...	...
Apparel and other fabricated textile products	-	-	-	-	-	-	-	-	-	-	-	-
Paper and allied products	-	-	-	-	-	-	-	-	-	-	-	-
Chemicals and allied products	-	-	-	-	-	-	-	-	-	-	-	-
Other nondurable goods	-	-	-	-	-	-	-	-	-	-	-	-
Not specified manufacturing industries	-	-	-	-	-	-	-	-	-	-	-	-
Nonmanufacturing industries	63	-	25	-	7	-	15	16	-	-	...	...
Transportation, communications, and other public utilities	21	-	7	-	7	-	-	7	-	-	...	...
Wholesale and retail trade	19	-	5	-	-	-	5	9	-	-	...	...
All other industries	23	-	13	-	-	-	10	-	-	-	...	...
Transport equipment operatives	**439**	**53**	**36**	**19**	**57**	**91**	**70**	**51**	**46**	**16**	**6 599**	**7 016**
Bus drivers	40	-	6	-	-	18	16	-	-	-	...	...
Taxicab drivers and chauffeurs	36	-	14	-	8	-	-	-	14	-	...	...
Truck drivers and deliverymen	325	45	16	19	49	57	46	45	32	16	6 588	7 000
Other transport equipment operatives	38	8	-	-	-	16	8	6	-	-	...	...
Laborers, except farm	**329**	**65**	**48**	**52**	**70**	**24**	**13**	**33**	**24**	**-**	**4 990**	**5 445**
Construction laborers	94	13	6	7	17	7	5	33	6	-	...	...
Freight, stock, and material handlers	92	18	24	14	13	8	8	-	7	-	...	...
Other specified laborers	120	22	18	31	34	9	-	-	6	-	4 645	...
Miscellaneous and not specified laborers	23	12	-	-	6	-	-	-	5	-	...	...
Occupation:												
Miscellaneous laborers	-	-	-	-	-	-	-	-	-	-	-	-
Not specified laborers	23	12	-	-	6	-	-	-	5	-	...	...
Industry:												
Manufacturing	13	7	-	-	6	-	-	-	-	-	...	-
Durable goods	7	7	-	-	-	-	-	-	-	-	...	-
Wood products, including furniture	-	-	-	-	-	-	-	-	-	-	-	-
Metal industries	-	-	-	-	-	-	-	-	-	-	-	-
Machinery, including electrical	-	-	-	-	-	-	-	-	-	-	-	-
Transportation equipment	-	-	-	-	-	-	-	-	-	-	-	-
Other durable goods	7	7	-	-	-	-	-	-	-	-	...	-
Nondurable goods	6	-	-	-	6	-	-	-	-	-	...	-
Food and kindred products	6	-	-	-	6	-	-	-	-	-	...	-
Not specified manufacturing industries	-	-	-	-	-	-	-	-	-	-	-	-
Nonmanufacturing industries	10	5	-	-	-	-	-	-	5	-	...	...
Railroads and railway express service	-	-	-	-	-	-	-	-	-	-	-	-
Transportation, except railroads	-	-	-	-	-	-	-	-	-	-	-	-
Communications, and utilities and sanitary services	-	-	-	-	-	-	-	-	-	-	-	-
Wholesale and retail trade	5	-	-	-	-	-	-	-	5	-	...	...
All other industries	5	5	-	-	-	-	-	-	-	-	...	...
Farmers and farm managers	**29**	**12**	**5**	**-**	**-**	**7**	**-**	**-**	**5**	**-**	...	...
Farm laborers and farm foremen	**117**	**15**	**9**	**11**	**20**	**17**	**21**	**24**	**-**	**-**	**6 206**	...
Paid farm laborers and farm foremen	117	15	9	11	20	17	21	24	-	-	6 206	...
Unpaid family workers	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, except private household[1]	**533**	**105**	**72**	**25**	**47**	**66**	**52**	**95**	**58**	**13**	**6 265**	**7 019**
Cleaning service workers	224	46	58	20	19	29	23	6	23	-	4 400	6 121
Food service workers	161	47	14	5	21	20	17	29	-	8	5 690	...
Cooks, except private household	67	-	8	-	-	13	17	29	-	-	...	...
Busboys and dishwashers	29	19	6	-	4	-	-	-	-	-	...	...
Health service workers	6	6	-	-	-	-	-	-	-	-	...	-
Personal service workers	31	6	-	-	-	13	-	12	-	-	...	...
Protective service workers	111	-	-	-	7	4	12	48	35	5	9 354	9 436
Firemen, fire protection	13	-	-	-	-	-	-	10	3	-	...	...
Guards and watchmen	28	-	-	-	7	-	-	16	5	-	...	...
Policemen and detectives	70	-	-	-	-	4	12	22	27	5	...	...
Private household workers	**5**	**-**	**5**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	...	...

[1] Includes allocated cases not shown separately.

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or less	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
HONOLULU SMSA												
Total												
Experienced civilian labor force	**134 335**	**12 799**	**10 996**	**7 480**	**7 918**	**10 054**	**11 624**	**22 600**	**33 779**	**17 085**	**8 557**	**9 336**
Professional, technical, and kindred workers	**22 130**	**1 192**	**1 423**	**801**	**780**	**956**	**1 085**	**2 808**	**6 935**	**6 152**	**11 458**	**12 348**
Accountants	1 954	88	120	76	55	106	102	308	668	431	10 913	11 627
Architects	352	10	17	–	4	5	5	26	107	178	15000+	15000+
Computer specialists	746	23	23	–	23	30	38	96	340	173	12 059	12 463
Engineers	3 308	72	71	33	59	42	64	271	1 243	1 453	14 191	14 467
Aeronautical and astronautical	31	–	–	–	–	–	–	–	–	31	...	...
Civil	991	9	29	–	14	9	30	60	321	519	15000+	15000+
Electrical and electronic	999	31	29	12	12	17	5	99	427	367	13 448	13 792
Mechanical	341	8	4	6	20	4	15	51	115	118	12 717	13 807
Other engineers	946	24	9	15	13	12	14	61	380	418	14 276	14 305
Lawyers and judges	529	10	4	12	6	12	21	16	68	380	15000+	15000+
Life and physical scientists	553	21	35	32	22	18	19	67	191	148	11 636	12 083
Chemists	157	9	15	14	–	–	7	18	55	39	11 409	11 950
Physicians, dentists, and related practitioners	1 263	11	42	25	10	15	20	66	200	874	15000+	15000+
Dentists	331	–	6	5	–	6	–	13	36	265	15000+	15000+
Pharmacists	141	–	–	–	5	5	–	25	70	36	12 536	12 714
Physicians, medical and osteopathic	704	11	26	20	5	–	16	21	94	511	15000+	15000+
Other related practitioners	87	–	10	–	–	4	4	7	–	62	...	...
Health technologists and technicians	220	8	17	5	6	20	35	72	48	9	8 528	8 871
Religious workers	447	124	39	50	56	39	37	44	54	4	5 188	5 400
Social scientists	323	8	21	11	–	14	–	24	120	125	13 479	14 151
Social and recreation workers	324	38	25	5	14	11	31	58	118	24	9 310	10 069
Teachers	3 134	189	315	143	126	155	211	420	1 009	566	10 040	11 547
College and university	1 401	84	195	80	56	27	50	93	326	490	11 771	14 545
Elementary and prekindergarten	505	31	34	5	15	26	54	117	209	14	9 496	9 947
Secondary	934	27	61	39	47	87	92	173	350	58	9 318	10 268
Engineering and science technicians	2 380	78	160	106	117	126	154	497	959	183	9 807	10 495
Draftsmen and surveyors	1 072	29	81	57	38	89	90	266	364	58	9 143	9 653
Electrical and electronic engineering technicians	817	15	44	26	54	5	42	144	413	74	10 950	11 407
Technicians, except health, and engineering and science	1 022	3	42	13	32	87	23	128	274	420	13 339	13 839
Airplane pilots	360	–	12	–	5	13	6	16	99	209	15000+	15000+
Writers, artists, and entertainers	2 037	283	184	142	122	89	117	230	525	425	9 404	11 036
Other professional, technical, and kindred workers	3 538	306	306	148	128	187	208	485	1 011	759	10 005	11 214
Managers and administrators, except farm	**16 676**	**487**	**522**	**398**	**425**	**799**	**1 005**	**2 075**	**5 525**	**5 440**	**12 377**	**12 755**
Buyers, purchasing agents, and sales managers	1 614	38	59	25	26	114	159	237	549	407	11 357	11 533
School administrators	337	–	6	–	–	5	16	17	196	97	13 176	13 322
Specified managers and administrators, public administration	1 976	37	11	23	21	66	64	314	866	574	12 610	12 741
Other specified managers and administrators	3 671	145	181	148	161	214	292	542	1 082	906	10 705	11 388
Managers and administrators, n.e.c., salaried	7 608	211	201	162	155	300	410	848	2 386	2 935	13 179	13 594
Manufacturing	796	15	5	7	9	15	35	69	218	423	15000+	15000+
Wholesale and retail trade	2 339	105	73	32	93	122	229	320	659	706	11 483	12 060
Transportation, communications, and other public utilities	1 067	14	31	30	5	32	27	135	446	347	12 909	13 228
All other industries	3 406	77	92	93	48	131	119	324	1 063	1 459	13 852	14 243
Managers and administrators, n.e.c., self-employed	1 470	56	64	40	62	100	64	117	446	521	12 601	12 873
Construction	312	9	17	5	4	7	18	30	109	113	13 028	13 073
Manufacturing	118	5	–	10	4	11	–	10	38	40	12 500	...
Wholesale and retail trade	659	26	28	14	32	49	31	50	193	236	12 578	12 712
All other industries	381	16	19	11	22	33	15	27	106	132	12 241	12 661
Sales workers	**7 541**	**767**	**504**	**314**	**390**	**629**	**654**	**1 142**	**1 704**	**1 437**	**8 898**	**9 723**
Insurance agents, brokers, and underwriters	954	37	40	10	18	55	62	115	258	359	12 713	13 282
Real estate agents and brokers	614	15	34	41	–	23	20	50	175	256	13 543	13 519
Sales representatives, manufacturing industries	458	16	11	5	28	29	20	76	173	100	11 272	11 606
Sales representatives, wholesale trade	1 574	73	67	46	54	132	224	371	388	219	9 030	9 330
Sales clerks, retail trade	1 441	361	167	90	142	126	126	165	172	92	5 722	7 461
Salesmen, retail trade	893	51	79	32	69	105	101	130	192	134	8 146	8 843
Salesmen of services and construction	356	12	11	32	18	33	14	67	129	40	9 731	10 133
Other sales workers	1 251	202	95	58	61	126	87	168	217	237	7 960	9 110
Clerical and kindred workers	**11 095**	**1 178**	**1 062**	**569**	**618**	**959**	**1 446**	**2 395**	**2 229**	**639**	**7 803**	**8 415**
Bank tellers and cashiers	325	99	62	28	28	27	41	22	18	–	4 054	6 296
Bookkeepers and billing clerks	889	67	75	67	25	122	103	189	195	46	7 859	8 291
Mail handlers and postal clerks	1 230	62	96	31	36	58	258	478	201	10	8 310	8 524
Other clerical and kindred workers	8 651	950	829	443	529	752	1 044	1 706	1 815	583	7 788	8 478
Craftsmen and kindred workers	**34 137**	**1 469**	**1 740**	**1 289**	**1 718**	**2 251**	**3 324**	**7 619**	**12 175**	**2 552**	**9 385**	**9 753**
Apparel craftsmen and upholsterers	228	46	32	35	28	26	18	28	10	5	5 036	5 821
Bakers	314	22	28	16	21	43	22	56	74	32	8 179	9 196
Cabinetmakers	202	12	9	–	12	10	26	54	64	15	9 185	9 306
Construction craftsmen	12 803	479	563	424	499	743	1 210	2 590	5 267	1 028	9 918	10 469
Carpenters	4 641	200	192	134	155	208	400	963	2 079	310	10 165	10 788
Excavating, grading, and road machine operators	1 021	21	36	22	32	108	140	215	386	61	9 409	9 557
Electricians	1 857	23	25	30	87	97	166	455	812	162	10 280	10 643
Masons and tile setters	1 127	63	36	42	48	78	100	232	437	91	9 694	10 133
Painters, construction and maintenance, and paperhangers	1 385	64	78	42	85	128	168	265	486	69	8 962	9 576
Plasterers and cement finishers	526	25	32	30	5	12	34	84	262	42	10 782	11 205
Plumbers and pipe fitters	1 613	25	84	79	58	80	158	266	667	196	10 424	10 815
Other construction craftsmen	633	58	80	45	29	32	44	110	138	97	8 518	9 354
Foremen, n.e.c.	3 321	34	30	51	64	144	315	784	1 460	439	10 817	10 993
Manufacturing	888	6	6	34	11	36	77	274	352	92	10 000	10 256
Nonmanufacturing industries	2 433	28	24	17	53	108	238	510	1 108	347	11 076	11 230
Linemen and servicemen, telephone and power	1 623	31	141	73	68	105	144	431	591	39	9 158	9 388
Locomotive engineers and firemen	–	–	–	–	–	–	–	–	–	–	–	–
Mechanics and repairmen	7 427	370	413	316	467	566	825	1 955	2 075	440	8 774	9 066
Air conditioning, heating, and refrigeration	437	14	14	11	27	29	18	144	164	16	9 465	9 646
Aircraft	865	14	20	20	19	52	36	184	435	85	11 006	11 123
Automobile, including body	2 447	173	154	116	209	260	356	664	407	108	7 875	8 162
Radio and television	674	29	29	5	31	29	65	136	292	58	10 223	10 455
Other mechanics and repairmen	3 004	140	196	164	181	196	350	827	777	173	8 665	8 953
Metal craftsmen, except mechanics	1 902	69	56	34	106	171	158	438	792	78	9 630	9 931
Machinists and job and die setters	883	5	35	23	57	66	48	233	371	45	9 781	9 942
Sheetmetal workers and tinsmiths	569	50	16	4	15	44	68	111	244	17	9 577	10 306
Tool and die makers	59	4	–	–	–	6	25	15	9	–	...	...
Other metal craftsmen	391	10	5	7	34	55	17	79	168	16	9 709	9 919
Printing craftsmen	630	76	39	32	27	48	53	134	199	22	8 597	9 149
Compositors and typesetters	337	41	16	8	5	35	45	85	102	–	8 435	9 025
Pressmen and plate printers, printing	209	17	18	19	17	8	8	37	63	22	8 946	9 467
Stationary engineers and power station operators	422	11	17	11	10	35	35	131	135	37	9 405	9 476
Other craftsmen and kindred workers	5 265	319	412	297	416	360	518	1 018	1 508	417	8 610	9 143

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Males with earnings in 1969										Median earnings (dollars)	
	Total, 16 years old and over	$1 to $1,999 or less	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	All earners	Earners worked 50 to 52 weeks
HONOLULU SMSA—Continued												
Total—Continued												
Experienced civilian labor force—Continued												
Operatives, except transport	**9 530**	**1 893**	**1 202**	**576**	**705**	**789**	**843**	**1 634**	**1 572**	**316**	**6 493**	**7 745**
Assemblers	143	29	22	6	17	-	7	40	22	-	5 853	8 235
Checkers, examiners, and inspectors; manufacturing	100	9	3	10	4	14	24	11	14	11	...	...
Garage workers and gas station attendants	1 536	937	345	71	52	44	22	34	18	13	1 639	3 160
Laundry and drycleaning operatives, n.e.c	171	35	42	41	13	10	9	-	5	16	4 207	4 403
Meat cutters and butchers	438	20	27	16	59	70	86	85	53	22	7 314	7 677
Mine operatives, n.e.c	39	5	-	-	5	-	-	9	20	-	...	...
Packers and wrappers, except produce	359	92	51	25	36	30	31	70	24	-	5 319	6 500
Painters, manufactured articles	161	-	11	16	5	20	19	68	22	-	8 279	8 446
Precision machine operatives	90	6	7	-	4	10	-	31	32	-	...	...
Sawyers	9	-	9	-	-	-	-	-	-	-	...	...
Stationary firemen	168	3	5	-	24	9	30	34	58	5	8 765	9 294
Textile operatives	3	-	-	-	-	-	-	3	-	-	...	...
Welders and flamecutters	1 232	43	49	59	22	76	94	346	435	108	9 578	9 713
Other metalworking operatives	126	7	9	-	23	39	20	14	14	-	6 615	6 769
Other specified operatives	2 334	309	368	144	177	205	233	387	424	87	6 824	7 633
Miscellaneous and not specified operatives	2 621	398	254	188	264	262	268	502	431	54	6 788	7 648
Occupation:												
Machine operatives, miscellaneous specified	762	103	61	48	72	110	77	185	88	18	6 882	7 393
Machine operatives, not specified	334	34	21	24	23	36	51	54	80	11	7 569	7 988
Miscellaneous operatives	1 308	208	164	112	151	103	104	237	218	11	6 184	7 490
Not specified operatives	217	53	8	4	18	13	36	26	45	14	7 347	8 269
Industry:												
Manufacturing	1 253	209	113	92	137	137	116	254	158	37	6 551	7 393
Durable goods	461	61	23	21	41	43	40	114	89	29	8 026	8 523
Wood products, including furniture	45	17	-	6	9	5	4	-	4	-	...	...
Primary metal industries	44	-	5	-	-	7	-	17	15	-	...	...
Fabricated metal industries	58	5	6	5	5	5	11	10	11	-	...	...
Machinery, including electrical	22	-	-	-	11	-	5	-	6	-	...	...
Motor vehicles and equipment	4	-	-	-	-	-	4	-	-	-	...	...
Transportation equipment, except motor vehicles	120	-	-	-	6	13	5	70	18	8	9 029	9 043
Other durable goods	168	39	12	10	10	13	11	17	35	21	7 000	8 667
Nondurable goods	787	148	87	71	94	94	76	140	69	8	5 931	6 761
Food and kindred products	609	122	65	61	82	80	64	98	33	4	5 689	6 506
Apparel and other fabricated textile products	10	-	10	-	-	-	-	-	-	-	...	-
Paper and allied products	70	17	5	-	12	9	6	16	5	-	...	...
Chemicals and allied products	16	5	-	-	-	5	6	-	-	-	...	...
Other nondurable goods	82	4	7	10	-	-	-	26	31	4	...	...
Not specified manufacturing industries	5	-	3	-	2	-	-	-	-	-	...	...
Nonmanufacturing industries	1 368	189	141	96	127	125	152	248	273	17	7 039	7 854
Transportation, communications, and other public utilities	397	25	26	26	27	16	37	96	137	7	8 865	9 198
Wholesale and retail trade	200	53	45	5	13	18	9	20	31	6	4 400	6 639
All other industries	771	111	70	65	87	91	106	132	105	4	6 577	7 228
Transport equipment operatives	**7 196**	**713**	**777**	**653**	**613**	**985**	**1 006**	**1 369**	**938**	**142**	**6 855**	**7 380**
Bus drivers	467	22	47	33	16	80	91	138	40	-	7 390	7 670
Taxicab drivers and chauffeurs	772	68	131	122	52	82	116	112	89	-	6 159	7 076
Truck drivers and deliverymen	4 493	380	450	365	397	654	622	900	598	127	7 001	7 451
Other transport equipment operatives	1 464	243	149	133	148	169	177	219	211	15	6 349	7 157
Laborers, except farm	**10 227**	**2 090**	**1 555**	**1 106**	**1 093**	**1 132**	**860**	**1 381**	**913**	**97**	**5 332**	**6 398**
Construction laborers	2 607	334	376	254	261	262	228	521	315	56	6 300	7 719
Freight, stock, and material handlers	3 697	880	457	221	327	481	401	580	331	19	5 888	6 926
Other specified laborers	3 005	637	582	501	384	275	174	225	208	19	4 566	5 222
Miscellaneous and not specified laborers	918	239	140	130	121	114	57	55	59	3	4 615	5 659
Occupation:												
Miscellaneous laborers	154	24	23	26	16	32	9	13	8	3	5 250	6 222
Not specified laborers	764	215	117	104	105	82	48	42	51	-	4 481	5 528
Industry:												
Manufacturing	233	58	34	33	25	12	28	17	26	-	4 742	7 232
Durable goods	154	44	26	17	14	6	18	13	16	-	4 412	...
Wood products, including furniture	14	-	5	9	-	-	-	-	-	-	...	...
Metal industries	47	23	9	-	-	-	11	4	-	-	...	...
Machinery, including electrical	16	10	6	-	-	-	-	-	-	-	...	-
Transportation equipment	39	5	4	8	5	-	4	9	4	-	...	...
Other durable goods	38	6	2	-	9	6	3	-	12	-	...	...
Nondurable goods	73	14	8	16	11	6	4	4	10	-	...	...
Food and kindred products	62	8	3	16	11	6	4	4	10	-	...	...
Not specified manufacturing industries	6	-	-	-	-	-	6	-	-	-	...	...
Nonmanufacturing industries	685	181	106	97	96	102	29	38	33	3	4 572	5 467
Railroads and railway express service	-	-	-	-	-	-	-	-	-	-	-	-
Transportation, except railroads	64	7	14	-	5	12	9	12	5	-	...	...
Communications, and utilities and sanitary services	83	-	6	14	18	31	4	5	5	-	...	...
Wholesale and retail trade	162	63	28	12	22	11	11	4	11	-	3 286	...
All other industries	376	111	58	71	51	48	5	17	12	3	4 268	4 873
Farmers and farm managers	**445**	**58**	**45**	**33**	**46**	**27**	**10**	**23**	**149**	**54**	**8 304**	**9 667**
Farm laborers and farm foremen	**1 702**	**276**	**203**	**236**	**306**	**229**	**223**	**150**	**69**	**10**	**5 444**	**5 879**
Paid farm laborers and farm foremen	1 698	272	203	236	306	229	223	150	69	10	5 451	5 879
Unpaid family workers	4	4	-	-	-	-	-	-	-	-	...	-
Service workers, except private household[1]	**13 604**	**2 653**	**1 947**	**1 505**	**1 224**	**1 293**	**1 168**	**1 998**	**1 570**	**246**	**5 569**	**6 676**
Cleaning service workers	3 390	871	597	629	442	258	232	226	115	20	4 361	4 958
Food service workers	3 791	1 067	616	353	351	453	314	398	199	40	4 602	6 166
Cooks, except private household	1 574	250	188	128	151	205	205	262	155	30	6 341	7 222
Busboys and dishwashers	870	437	188	118	43	36	9	21	13	5	1 991	4 190
Health service workers	345	15	59	72	41	39	47	44	28	-	5 646	6 038
Personal service workers	1 720	309	268	167	175	185	152	212	189	43	5 549	6 556
Protective service workers	2 872	105	159	95	115	266	310	859	863	100	8 899	9 095
Firemen, fire protection	964	-	5	16	13	48	75	395	364	48	9 646	9 673
Guards and watchmen	827	82	132	64	75	124	101	114	120	15	6 488	6 986
Policemen and detectives	1 059	18	22	15	27	85	134	346	375	37	9 321	9 405
Private household workers	**52**	**23**	**18**	-	-	**5**	-	**6**	-	-	...	...

[1] Includes allocated cases not shown separately

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Females with earnings in 1969											Median earnings (dollars)	
	Total, 16 years old and over	$1 to $499 or loss	$500 to $999	$1,000 to $1,999	$2,000 to $2,999	$3,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $9,999	$10,000 or more	All earners	Earners worked 50 to 52 weeks
THE STATE													
Total													
Experienced civilian labor force	112 969	6 529	7 256	11 743	11 409	16 338	15 444	12 905	10 222	14 844	6 288	4 208	5 153
Professional, technical, and kindred workers	19 752	772	753	1 312	1 342	1 374	1 310	1 607	2 238	5 764	3 280	6 628	7 729
Accountants	1 223	21	12	45	70	102	119	175	209	313	157	6 323	6 708
Computer specialists	243	6	21	3	16	–	16	10	25	39	107	8 885	10000+
Librarians	540	31	19	26	27	22	35	10	84	160	126	7 300	8 060
Mathematical specialists	60	–	–	–	8	–	–	10	11	26	5	...	...
Life and physical scientists	84	–	12	–	–	3	10	15	9	15	20	...	...
Registered nurses, dietitians, and therapists	3 034	60	49	142	125	241	161	289	431	1 274	262	7 045	7 841
Dietitians	85	–	5	16	5	4	4	–	6	29	16	...	...
Registered nurses	2 773	60	44	120	115	213	150	266	420	1 162	223	6 996	7 802
Health technologists and technicians	565	18	27	39	28	45	65	61	93	133	56	5 992	6 742
Social scientists	94	–	6	6	–	–	11	6	5	14	46	...	...
Social and recreation workers	697	31	23	75	49	55	38	74	70	197	85	6 050	7 549
Teachers: College and university	592	20	36	48	52	48	60	36	15	118	159	5 889	9 173
Elementary and prekindergarten	5 954	185	186	406	396	395	299	381	593	1 988	1 125	7 205	8 364
Secondary	1 554	23	41	93	110	114	59	126	178	474	336	7 209	8 222
Other teachers	623	102	60	76	112	27	30	72	50	63	31	2 656	5 431
Engineering and science technicians	286	13	20	29	13	5	43	60	25	42	36	5 333	5 982
Technicians, except health, and engineering and science	97	–	–	–	4	9	9	21	10	38	6	...	...
Writers, artists, and entertainers	1 300	140	106	187	112	113	87	97	128	175	155	3 929	6 150
Actors and dancers	178	58	23	27	22	9	5	5	9	15	5	1 296	...
Authors, editors, and reporters	173	–	–	13	10	5	10	9	35	42	49	7 321	7 776
Other professional, technical, and kindred workers	2 806	122	135	137	220	195	268	164	302	695	568	6 536	7 585
Managers and administrators, except farm	5 613	182	91	338	276	490	562	560	682	1 219	1 213	6 451	7 005
Buyers, purchasing agents, and sales managers	610	20	12	39	37	60	97	56	52	113	124	5 714	6 511
Restaurant, cafeteria, and bar managers	690	13	13	29	43	51	73	97	95	212	64	6 274	6 796
School administrators	297	8	4	15	6	13	12	11	20	45	163	10000+	10000+
Other specified managers and administrators	1 342	72	30	72	38	129	109	120	182	250	340	6 555	7 272
Managers and administrators, n.e.c., salaried	2 237	53	22	153	105	207	235	227	295	532	408	6 395	6 993
Wholesale and retail trade	858	20	13	22	43	94	102	100	120	202	142	6 292	6 700
Managers and administrators, n.e.c., self-employed	437	16	10	30	47	30	36	49	38	67	114	6 013	6 421
Wholesale and retail trade	269	11	–	19	32	30	15	15	32	56	59	6 391	6 703
Sales workers	10 053	886	1 097	1 634	1 254	1 837	1 410	710	381	510	334	3 085	3 982
Demonstrators, hucksters, and peddlers	348	61	49	91	26	46	32	24	10	–	9	1 703	3 179
Insurance, real estate agents, and brokers	684	15	19	39	47	78	87	55	64	112	168	6 031	6 734
Sales clerks, retail trade	6 666	662	812	1 123	882	1 340	953	457	160	231	46	2 834	3 788
Salesmen, retail trade	192	13	28	6	19	35	25	25	10	25	6	3 857	4 840
Other sales workers	2 163	135	189	375	280	338	313	149	137	142	105	3 303	4 338
Clerical and kindred workers	37 917	1 579	2 099	3 441	2 824	4 541	5 771	6 229	5 161	5 561	711	4 775	5 593
Bank tellers	1 019	11	21	67	93	161	259	266	87	43	11	4 604	5 056
Bookkeepers	3 420	86	116	223	176	434	528	563	615	608	71	5 261	5 913
Cashiers	3 006	181	282	438	445	487	425	444	192	100	12	3 322	4 405
Counter clerks, except food	803	40	71	96	37	154	168	131	74	24	8	4 021	4 836
Enumerators and interviewers	170	15	16	52	–	11	11	22	18	25	–	3 182	...
File clerks	954	60	114	128	38	111	115	127	108	125	28	4 226	5 673
Office machine operators	1 155	21	36	92	102	113	199	265	196	115	16	5 055	5 583
Bookkeeping and billing machine operators	168	4	–	17	25	24	41	26	15	16	–	4 341	...
Keypunch operators	741	6	18	54	59	68	104	194	139	83	16	5 317	5 693
Payroll and timekeeping clerks	438	8	11	10	28	40	49	106	57	129	–	5 689	6 105
Receptionists	1 183	79	123	141	99	230	220	170	60	57	4	3 650	4 515
Secretaries	7 627	135	228	415	516	746	990	1 211	1 363	1 834	189	5 647	6 301
Stenographers	1 443	17	22	45	36	79	178	337	369	331	29	6 020	6 277
Telephone operators	1 140	44	45	116	102	150	159	219	169	110	26	4 711	5 527
Typists	3 919	253	326	394	239	467	719	596	508	377	40	4 390	5 301
Other clerical and kindred workers	11 640	629	688	1 224	913	1 358	1 751	1 772	1 345	1 683	277	4 576	5 470
Craftsmen and kindred workers	2 806	29	81	116	181	329	322	241	173	319	215	4 829	5 347
Foremen, n.e.c.	586	–	9	28	24	115	112	80	65	90	63	5 063	5 280
Operatives, except transport	8 888	606	615	871	1 460	2 602	1 526	694	251	195	68	3 343	3 779
Assemblers	64	7	–	–	10	15	17	–	15	–	–	...	...
Bottling and canning operatives	143	5	20	7	31	36	33	6	5	–	–	3 236	...
Checkers, examiners, and inspectors, manufacturing	162	3	5	5	24	65	32	6	22	–	–	3 677	...
Dressmakers and seamstresses, except factory	687	43	57	114	88	164	89	89	14	21	8	3 253	3 703
Laundry and drycleaning operatives, including ironers	1 099	65	35	100	177	369	227	71	15	29	11	3 467	3 731
Graders and sorters, manufacturing	97	6	6	39	21	14	7	4	–	–	–	...	...
Packers and wrappers, except produce	1 521	100	144	157	327	390	240	133	24	6	–	3 083	3 756
Sewers and stitchers	1 786	68	40	94	199	688	417	186	60	30	4	3 715	3 871
Textile operatives	12	5	–	3	–	4	–	–	–	–	–	...	...
Other specified operatives	1 637	163	146	163	326	426	189	82	44	71	27	3 048	3 512
Miscellaneous and not specified operatives	1 680	141	162	189	257	431	275	117	52	38	18	3 211	3 941
Manufacturing	1 243	104	99	128	221	370	206	83	23	6	3	3 188	3 825
Durable goods	160	13	16	30	24	38	24	12	–	–	3	2 875	...
Machinery, including electrical	8	–	–	–	3	5	–	–	–	–	–	...	...
Other durable goods	152	13	16	30	21	33	24	12	–	–	3	2 810	...
Nondurable goods, including not specified manufacturing	1 083	91	83	98	197	332	182	71	23	6	–	3 218	3 878
Food and kindred products	914	71	83	88	193	265	167	27	14	6	–	3 083	3 735
Apparel and other fabricated textile products	64	–	–	10	–	21	9	15	9	–	–	...	...
Nonmanufacturing industries	437	37	63	61	36	61	69	34	29	32	15	3 352	4 298
Transport equipment operatives	407	43	36	41	72	68	35	30	37	38	7	3 169	4 417
Laborers, except farm	994	86	94	101	117	172	165	117	56	69	17	3 576	4 345
Farmers and farm managers	367	30	22	106	68	42	33	12	18	12	24	2 375	2 733
Farm laborers and farm foremen	1 262	132	85	192	154	300	199	80	41	39	40	3 227	4 138
Paid farm laborers and farm foremen	1 187	126	85	182	148	294	184	80	35	39	14	3 179	4 028
Unpaid family workers	75	6	–	10	6	6	15	–	6	–	26	...	...
Service workers, except private household[1]	23 835	1 821	1 930	3 053	3 370	4 403	4 020	2 588	1 178	1 109	363	3 396	4 145
Cleaning service workers	4 209	359	307	505	502	841	1 014	459	120	78	24	3 513	4 098
Chambermaids and maids	1 936	146	98	194	234	463	608	122	44	13	14	3 639	4 071
Food service workers	10 868	857	924	1 438	1 828	2 070	1 678	1 117	450	399	107	3 187	3 966
Cooks, except private household	1 897	86	120	129	268	383	388	259	154	99	11	3 902	4 398
Waiters and food counter workers	6 263	619	651	958	1 138	1 199	803	476	176	183	60	2 794	3 690
Health service workers	2 325	100	152	179	194	413	474	329	308	140	36	4 263	4 925
Nursing aides, orderlies, and attendants	970	57	58	102	91	241	178	78	101	39	25	3 734	4 330
Practical nurses	633	6	32	20	30	41	117	175	140	66	6	5 403	5 780
Personal service workers	3 561	241	289	410	341	606	477	457	237	344	159	3 824	4 701
Hairdressers and cosmetologists	1 244	76	84	123	126	270	166	160	64	89	86	3 789	4 577
Private household workers	1 875	354	353	538	291	180	91	37	6	9	16	1 428	1 897
Private household workers, living in	142	15	14	21	50	31	–	–	6	–	5	2 420	2 525
Private household workers, living out	1 733	339	339	517	241	149	91	37	–	9	11	1 365	1 820

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Females with earnings in 1969											Median earnings (dollars)	
	Total, 16 years old and over	$1 to $499 or loss	$500 to $999	$1,000 to $1,999	$2,000 to $2,999	$3,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $9,999	$10,000 or more	All earners	Earners worked 50 to 52 weeks
THE STATE—Continued													
Negro													
Experienced civilian labor force	495	50	40	71	80	48	72	30	21	72	11	3 135	4 600
Professional, technical, and kindred workers	137	20	3	9	26	–	17	5	9	37	11	4 618	...
Accountants	–	–	–	–	–	–	–	–	–	–	–	–	–
Computer specialists	–	–	–	–	–	–	–	–	–	–	–	–	–
Librarians	–	–	–	–	–	–	–	–	–	–	–	–	–
Mathematical specialists	–	–	–	–	–	–	–	–	–	–	–	–	–
Life and physical scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Registered nurses, dietitians, and therapists	17	–	–	5	–	–	3	–	–	4	5	...	...
Dietitians	–	–	–	–	–	–	–	–	–	–	–	–	–
Registered nurses	17	–	–	5	–	–	3	–	–	4	5	...	...
Health technologists and technicians	4	–	–	–	4	–	–	–	–	–	–	...	–
Social scientists	–	–	–	–	–	–	–	–	–	–	–	–	–
Social and recreation workers	10	–	–	–	6	–	–	–	–	4	–	...	–
Teachers: College and university	5	–	–	–	5	–	–	–	–	–	–	...	–
Elementary and prekindergarten	46	7	3	4	5	–	5	5	–	17	–	...	...
Secondary	21	5	–	–	–	–	–	–	9	7	–	...	...
Other teachers	8	8	–	–	–	–	–	–	–	–	–	...	–
Engineering and science technicians	–	–	–	–	–	–	–	–	–	–	–	–	–
Technicians, except health, and engineering and science	–	–	–	–	–	–	–	–	–	–	–	–	–
Writers, artists, and entertainers	6	–	–	–	–	–	–	–	–	–	6	...	...
Actors and dancers	–	–	–	–	–	–	–	–	–	–	–	–	–
Authors, editors, and reporters	6	–	–	–	–	–	–	–	–	–	6	...	...
Other professional, technical, and kindred workers	20	–	–	–	6	–	9	–	–	5	–	...	...
Managers and administrators, except farm	5	–	–	–	–	–	–	–	–	5	–	...	...
Buyers, purchasing agents, and sales managers	5	–	–	–	–	–	–	–	–	5	–	...	...
Restaurant, cafeteria, and bar managers	–	–	–	–	–	–	–	–	–	–	–	–	–
School administrators	–	–	–	–	–	–	–	–	–	–	–	–	–
Other specified managers and administrators	–	–	–	–	–	–	–	–	–	–	–	–	–
Managers and administrators, n.e.c., salaried	–	–	–	–	–	–	–	–	–	–	–	–	–
Wholesale and retail trade	–	–	–	–	–	–	–	–	–	–	–	–	–
Managers and administrators, n.e.c., self-employed	–	–	–	–	–	–	–	–	–	–	–	–	–
Wholesale and retail trade	–	–	–	–	–	–	–	–	–	–	–	–	–
Sales workers	68	4	–	13	17	11	20	–	3	–	–	...	...
Demonstrators, hucksters, and peddlers	4	4	–	–	–	–	–	–	–	–	–	...	–
Insurance, real estate agents, and brokers	–	–	–	–	–	–	–	–	–	–	–	–	–
Sales clerks, retail trade	41	–	–	5	8	5	20	–	3	–	–	...	...
Salesmen, retail trade	–	–	–	–	–	–	–	–	–	–	–	–	–
Other sales workers	23	–	–	8	9	6	–	–	–	–	–	...	...
Clerical and kindred workers	160	12	14	17	15	28	30	19	6	19	–	3 786	...
Bank tellers	5	–	–	–	–	5	–	–	–	–	–	...	–
Bookkeepers	10	–	–	–	–	8	–	–	2	–	–	...	...
Cashiers	19	–	4	–	5	10	–	–	–	–	–	...	...
Counter clerks, except food	–	–	–	–	–	–	–	–	–	–	–	–	–
Enumerators and interviewers	–	–	–	–	–	–	–	–	–	–	–	–	–
File clerks	6	–	–	–	6	–	–	–	–	–	–	...	...
Office machine operators	22	–	–	5	–	–	8	9	–	–	–	...	...
Bookkeeping and billing machine operators	–	–	–	–	–	–	–	–	–	–	–	–	–
Keypunch operators	22	–	–	5	–	–	8	9	–	–	–	...	...
Payroll and timekeeping clerks	–	–	–	–	–	–	–	–	–	–	–	–	–
Receptionists	–	–	–	–	–	–	–	–	–	–	–	–	–
Secretaries	19	–	–	–	–	–	12	–	–	7	–	...	...
Stenographers	3	–	–	–	–	–	–	3	–	–	–	...	...
Telephone operators	3	–	–	–	–	–	3	–	–	–	–	...	–
Typists	35	4	–	4	–	5	3	7	4	8	–	...	...
Other clerical and kindred workers	38	8	10	8	4	–	4	–	–	4	–	...	...
Craftsmen and kindred workers	10	–	–	5	5	–	–	–	–	–	–	...	...
Foremen, n.e.c.	–	–	–	–	–	–	–	–	–	–	–	–	–
Operatives, except transport	31	6	–	8	12	–	5	–	–	–	–	...	...
Assemblers	–	–	–	–	–	–	–	–	–	–	–	–	–
Bottling and canning operatives	–	–	–	–	–	–	–	–	–	–	–	–	–
Checkers, examiners, and inspectors; manufacturing	–	–	–	–	–	–	–	–	–	–	–	–	–
Dressmakers and seamstresses, except factory	–	–	–	–	–	–	–	–	–	–	–	–	–
Laundry and drycleaning operatives, including ironers	8	–	–	8	–	–	–	–	–	–	–	...	–
Graders and sorters, manufacturing	–	–	–	–	–	–	–	–	–	–	–	–	–
Packers and wrappers, except produce	–	–	–	–	–	–	–	–	–	–	–	–	–
Sewers and stitchers	5	–	–	–	–	–	5	–	–	–	–	...	...
Textile operatives	–	–	–	–	–	–	–	–	–	–	–	–	–
Other specified operatives	8	–	–	–	8	–	–	–	–	–	–	...	...
Miscellaneous and not specified operatives	10	6	–	–	4	–	–	–	–	–	–	...	...
Manufacturing	6	6	–	–	–	–	–	–	–	–	–	...	–
Durable goods	6	6	–	–	–	–	–	–	–	–	–	...	–
Machinery, including electrical	–	–	–	–	–	–	–	–	–	–	–	–	–
Other durable goods	6	6	–	–	–	–	–	–	–	–	–	...	–
Nondurable goods, including not specified manufacturing	–	–	–	–	–	–	–	–	–	–	–	–	–
Food and kindred products	–	–	–	–	–	–	–	–	–	–	–	–	–
Apparel and other fabricated textile products	–	–	–	–	–	–	–	–	–	–	–	–	–
Nonmanufacturing industries	4	–	–	–	4	–	–	–	–	–	–	...	...
Transport equipment operatives	–	–	–	–	–	–	–	–	–	–	–	–	–
Laborers, except farm	4	4	–	–	–	–	–	–	–	–	–	...	–
Farmers and farm managers	–	–	–	–	–	–	–	–	–	–	–	–	–
Farm laborers and farm foremen	–	–	–	–	–	–	–	–	–	–	–	–	–
Paid farm laborers and farm foremen	–	–	–	–	–	–	–	–	–	–	–	–	–
Unpaid family workers	–	–	–	–	–	–	–	–	–	–	–	–	–
Service workers, except private household[1]	74	4	23	19	5	3	–	6	3	11	–	...	...
Cleaning service workers	14	–	9	–	5	–	–	–	–	–	–	...	...
Chambermaids and maids	5	–	–	–	5	–	–	–	–	–	–	...	...
Food service workers	19	4	–	9	–	–	–	2	–	4	–	...	...
Cooks, except private household	4	4	–	–	–	–	–	–	–	–	–	...	–
Waiters and food counter workers	4	–	–	4	–	–	–	–	–	–	–	...	–
Health service workers	11	–	5	–	–	3	–	–	3	–	–	...	...
Nursing aides, orderlies, and attendants	11	–	5	–	–	3	–	–	3	–	–	...	...
Practical nurses	–	–	–	–	–	–	–	–	–	–	–	–	–
Personal service workers	11	–	–	–	–	–	–	4	–	7	–	...	...
Hairdressers and cosmetologists	7	–	–	–	–	–	–	–	–	7	–	...	...
Private household workers	6	–	–	–	–	6	–	–	–	–	–	...	–
Private household workers, living in	–	–	–	–	–	–	–	–	–	–	–	–	–
Private household workers, living out	6	–	–	–	–	6	–	–	–	–	–	...	–

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Females with earnings in 1969											Median earnings (dollars)	
	Total 16 years old and over	$1 to $499 or loss	$500 to $999	$1,000 to $1,999	$2,000 to $2,999	$3,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $9,999	$10,000 or more	All earners	Earners worked 50 to 52 weeks
THE STATE—Continued													
Persons of Spanish Language													
Experienced civilian labor force	2 268	299	179	281	260	419	340	245	90	103	52	3 274	4 291
Professional, technical, and kindred workers	254	44	13	30	21	22	25	23	22	29	25	3 864	6 750
Accountants	-	-	-	-	-	-	-	-	-	-	-	-	-
Computer specialists	-	-	-	-	-	-	-	-	-	-	-	-	-
Librarians	7	-	-	-	-	-	7	-	-	-	-	...	...
Mathematical specialists	-	-	-	-	-	-	-	-	-	-	-	-	-
Life and physical scientists	-	-	-	-	-	-	-	-	-	-	-	-	-
Registered nurses, dietitians, and therapists	35	8	-	8	-	8	-	-	-	11	-	...	...
Dietitians	-	-	-	-	-	-	-	-	-	-	-	-	-
Registered nurses	35	8	-	8	-	8	-	-	-	11	-	...	...
Health technologists and technicians	18	-	6	-	-	7	5	-	-	-	-	...	...
Social scientists	-	-	-	-	-	-	-	-	-	-	-	-	-
Social and recreation workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Teachers: College and university	7	-	-	-	-	-	-	-	-	7	-	...	...
Elementary and prekindergarten	47	9	-	10	-	-	-	10	12	6	-	...	...
Secondary	22	-	-	-	-	7	-	6	-	-	9	...	...
Other teachers	27	-	-	-	21	-	6	-	-	-	-	...	...
Engineering and science technicians	4	-	-	-	-	-	-	-	-	-	4	...	...
Technicians, except health, and engineering and science	-	-	-	-	-	-	-	-	-	-	-	-	-
Writers, artists, and entertainers	30	13	-	7	-	-	-	-	10	-	-	...	...
Actors and dancers	6	6	-	-	-	-	-	-	-	-	-	...	-
Authors, editors, and reporters	-	-	-	-	-	-	-	-	-	-	-	-	-
Other professional, technical, and kindred workers	57	14	7	5	-	-	7	7	-	5	12	...	...
Managers and administrators, except farm	18	-	-	-	-	-	-	-	-	5	13	...	...
Buyers, purchasing agents, and sales managers	5	-	-	-	-	-	-	-	-	-	5	...	...
Restaurant, cafeteria, and bar managers	-	-	-	-	-	-	-	-	-	-	-	-	-
School administrators	5	-	-	-	-	-	-	-	-	5	-	...	...
Other specified managers and administrators	8	-	-	-	-	-	-	-	-	-	8	...	...
Managers and administrators, n.e.c., salaried	-	-	-	-	-	-	-	-	-	-	-	-	-
Wholesale and retail trade	-	-	-	-	-	-	-	-	-	-	-	-	-
Managers and administrators, n.e.c., self-employed	-	-	-	-	-	-	-	-	-	-	-	-	-
Wholesale and retail trade	-	-	-	-	-	-	-	-	-	-	-	-	-
Sales workers	223	20	38	33	10	61	46	6	-	-	9	3 172	3 700
Demonstrators, hucksters, and peddlers	12	-	-	6	-	-	6	-	-	-	-	...	-
Insurance, real estate agents, and brokers	14	-	-	5	-	-	-	-	-	-	9	...	...
Sales clerks, retail trade	153	20	27	13	10	45	32	6	-	-	-	3 144	...
Salesmen, retail trade	-	-	-	-	-	-	-	-	-	-	-	-	-
Other sales workers	44	-	11	9	-	16	8	-	-	-	-	...	...
Clerical and kindred workers	657	49	55	78	59	107	132	97	38	42	-	3 818	4 723
Bank tellers	8	-	-	-	-	8	-	-	-	-	-	...	...
Bookkeepers	13	-	-	7	-	-	-	6	-	-	-	...	...
Cashiers	106	7	27	12	18	14	12	16	-	-	-	2 389	...
Counter clerks, except food	49	18	-	-	8	13	10	-	-	-	-	...	...
Enumerators and interviewers	-	-	-	-	-	-	-	-	-	-	-	-	-
File clerks	40	-	5	-	7	11	-	7	10	-	-	...	...
Office machine operators	7	-	-	-	-	-	7	-	-	-	-	...	...
Bookkeeping and billing machine operators	-	-	-	-	-	-	-	-	-	-	-	-	-
Keypunch operators	7	-	-	-	-	-	7	-	-	-	-	...	...
Payroll and timekeeping clerks	11	-	-	-	-	-	-	11	-	-	-	...	-
Receptionists	24	-	-	13	6	5	-	-	-	-	-	...	...
Secretaries	129	4	8	11	5	6	18	22	20	35	-	5 568	...
Stenographers	5	-	-	5	-	-	-	-	-	-	-	...	-
Telephone operators	23	-	-	7	-	-	-	9	-	7	-	...	...
Typists	67	7	-	13	7	6	27	7	-	-	-	...	...
Other clerical and kindred workers	175	13	15	10	8	44	58	19	8	-	-	3 943	4 483
Craftsmen and kindred workers	42	6	-	-	9	14	7	-	6	-	-	...	...
Foremen, n.e.c.	14	-	-	-	-	8	-	-	6	-	-	...	...
Operatives, except transport	165	25	-	19	52	44	13	12	-	-	-	2 740	...
Assemblers	-	-	-	-	-	-	-	-	-	-	-	-	-
Bottling and canning operatives	9	-	-	-	9	-	-	-	-	-	-	...	-
Checkers, examiners, and inspectors, manufacturing	4	-	-	-	4	-	-	-	-	-	-	...	-
Dressmakers and seamstresses, except factory	-	-	-	-	-	-	-	-	-	-	-	-	-
Laundry and drycleaning operatives, including ironers	20	-	-	-	-	20	-	-	-	-	-	...	...
Graders and sorters, manufacturing	14	-	-	7	-	7	-	-	-	-	-	...	-
Packers and wrappers, except produce	22	-	-	6	8	-	-	8	-	-	-	...	...
Sewers and stitchers	26	-	-	-	-	13	13	-	-	-	-	...	...
Textile operatives	-	-	-	-	-	-	-	-	-	-	-	-	-
Other specified operatives	37	20	-	-	9	4	-	4	-	-	-	...	...
Miscellaneous and not specified operatives	33	5	-	6	22	-	-	-	-	-	-	...	...
Manufacturing	33	5	-	6	22	-	-	-	-	-	-	...	...
Durable goods	-	-	-	-	-	-	-	-	-	-	-	-	-
Machinery, including electrical	-	-	-	-	-	-	-	-	-	-	-	-	-
Other durable goods	-	-	-	-	-	-	-	-	-	-	-	-	-
Nondurable goods, including not specified manufacturing	33	5	-	6	22	-	-	-	-	-	-	...	...
Food and kindred products	33	5	-	6	22	-	-	-	-	-	-	...	...
Apparel and other fabricated textile products	-	-	-	-	-	-	-	-	-	-	-	-	-
Nonmanufacturing industries	-	-	-	-	-	-	-	-	-	-	-	-	-
Transport equipment operatives	7	-	-	7	-	-	-	-	-	-	-	...	-
Laborers, except farm	59	13	-	10	7	6	7	11	-	-	5	...	...
Farmers and farm managers	-	-	-	-	-	-	-	-	-	-	-	-	-
Farm laborers and farm foremen	-	-	-	-	-	-	-	-	-	-	-	-	-
Paid farm laborers and farm foremen	-	-	-	-	-	-	-	-	-	-	-	-	-
Unpaid family workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, except private household[1]	788	119	59	86	102	165	110	96	24	27	-	3 170	3 952
Cleaning service workers	189	34	21	9	33	25	25	25	8	9	-	2 924	4 080
Chambermaids and maids	47	20	5	-	4	13	5	-	-	-	-	...	...
Food service workers	421	70	25	51	69	110	40	22	16	18	-	2 935	3 572
Cooks, except private household	98	33	10	-	15	17	-	7	7	9	-	...	...
Waiters and food counter workers	224	30	15	33	46	55	35	10	-	-	-	2 739	3 317
Health service workers	56	-	-	6	-	23	14	13	-	-	-	...	...
Nursing aides, orderlies, and attendants	43	-	-	6	-	23	14	-	-	-	-	...	...
Practical nurses	13	-	-	-	-	-	-	13	-	-	-	...	...
Personal service workers	110	15	6	15	-	7	31	36	-	-	-	4 387	...
Hairdressers and cosmetologists	33	-	-	8	-	7	13	5	-	-	-	...	...
Private household workers	55	23	14	18	-	-	-	-	-	-	-	...	...
Private household workers, living in	10	-	-	10	-	-	-	-	-	-	-	...	...
Private household workers, living out	45	23	14	8	-	-	-	-	-	-	-	...	...

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

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

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Females with earnings in 1969											Median earnings (dollars)	
	Total, 16 years old and over	$1 to $499 or loss	$500 to $999	$1,000 to $1,999	$2,000 to $2,999	$3,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $9,999	$10,000 or more	All earners	Earners worked 50 to 52 weeks
HONOLULU SMSA													
Total													
Experienced civilian labor force	**93 299**	**5 129**	**5 951**	**9 367**	**9 061**	**13 278**	**12 594**	**10 832**	**8 788**	**12 890**	**5 409**	**4 307**	**5 271**
Professional, technical, and kindred workers	**16 964**	**638**	**633**	**1 136**	**1 162**	**1 213**	**1 054**	**1 471**	**1 896**	**4 954**	**2 807**	**6 620**	**7 748**
Accountants	1 088	9	5	39	65	80	101	171	188	281	149	6 394	6 742
Computer specialists	243	6	21	3	16	–	16	10	25	39	107	8 885	10000+
Librarians	475	26	19	20	27	18	28	10	69	190	108	7 410	8 254
Mathematical specialists	60	–	–	–	8	–	–	10	11	26	5	...	...
Life and physical scientists	73	–	12	–	–	–	10	7	9	15	20	...	...
Registered nurses, dietitians, and therapists	2 653	51	43	127	120	227	131	268	395	1 055	236	6 910	7 799
Dietitians	66	–	5	8	–	4	4	–	6	23	16	...	...
Registered nurses	2 426	51	38	113	115	199	124	245	384	960	197	6 854	7 747
Health technologists and technicians	510	18	23	39	28	40	62	57	69	123	51	5 789	6 800
Social scientists	86	–	6	6	–	–	11	6	5	14	38	...	...
Social and recreation workers	558	14	18	63	45	48	19	57	65	163	66	6 231	7 876
Teachers: College and university	547	20	36	43	47	43	55	24	15	114	150	6 367	9 230
Elementary and prekindergarten	4 953	177	145	357	330	357	218	341	462	1 657	909	7 162	8 323
Secondary	1 336	23	41	82	83	105	44	112	151	417	278	7 194	8 093
Other teachers	488	76	51	66	83	27	20	72	25	52	16	2 614	5 167
Engineering and science technicians	215	13	20	18	–	–	32	44	25	31	32	5 557	6 300
Technicians, except health, and engineering and science	92	–	–	–	4	4	9	21	10	38	6	...	...
Writers, artists, and entertainers	1 159	113	83	164	107	94	83	97	115	162	141	4 223	6 250
Actors and dancers	146	44	18	24	22	9	5	5	4	10	5	1 458	...
Authors, editors, and reporters	160	–	–	9	10	5	10	9	31	42	44	7 429	7 983
Other professional, technical, and kindred workers	2 428	92	110	109	199	170	215	164	257	617	495	6 603	7 706
Managers and administrators, except farm	**4 787**	**159**	**91**	**291**	**241**	**439**	**439**	**468**	**560**	**1 027**	**1 072**	**6 474**	**7 117**
Buyers, purchasing agents, and sales managers	567	20	12	39	37	47	86	53	49	108	118	5 833	6 716
Restaurant, cafeteria, and bar managers	567	13	13	18	33	51	66	87	56	176	54	6 045	6 818
School administrators	248	3	4	15	–	13	5	6	20	35	147	10000+	10000+
Other specified managers and administrators	1 217	66	30	72	38	123	95	99	163	224	307	6 525	7 270
Managers and administrators, n.e.c., salaried	1 846	47	22	138	100	180	151	176	243	434	355	6 449	7 101
Wholesale and retail trade	697	20	13	22	38	83	60	83	86	174	118	6 343	6 750
Managers and administrators, n.e.c., self-employed	342	10	10	9	33	25	36	49	29	50	91	5 980	6 328
Wholesale and retail trade	198	5	–	9	22	25	15	15	23	39	45	6 348	6 674
Sales workers	**8 387**	**737**	**963**	**1 377**	**1 028**	**1 412**	**1 184**	**650**	**328**	**429**	**279**	**3 063**	**4 086**
Demonstrators, hucksters, and peddlers	303	55	49	76	17	46	22	24	5	–	9	1 625	3 167
Insurance, real estate agents, and brokers	609	15	19	26	36	78	77	55	54	100	149	5 973	6 685
Sales clerks, retail trade	5 492	542	724	957	706	1 002	801	411	145	203	21	2 769	3 891
Salesmen, retail trade	147	13	12	6	14	27	20	25	10	14	6	4 075	...
Other sales workers	1 836	112	159	332	255	259	264	135	114	112	94	3 232	4 275
Clerical and kindred workers	**32 895**	**1 345**	**1 899**	**2 978**	**2 467**	**3 823**	**4 926**	**5 243**	**4 562**	**5 017**	**635**	**4 799**	**5 653**
Bank tellers	797	11	17	53	51	128	220	189	80	37	11	4 630	4 986
Bookkeepers	2 905	69	112	179	153	372	401	439	544	569	67	5 379	6 108
Cashiers	2 494	147	249	358	379	407	351	353	176	62	12	3 280	4 375
Counter clerks, except food	647	40	56	91	34	116	127	100	56	19	8	3 884	4 813
Enumerators and interviewers	128	4	11	38	–	5	5	22	18	25	–	5 045	...
File clerks	899	60	114	125	38	90	115	110	104	125	18	4 196	5 698
Office machine operators	1 096	21	30	88	97	102	195	261	171	115	16	5 057	5 550
Bookkeeping and billing machine operators	143	4	–	17	25	17	37	22	5	16	–	4 230	...
Keypunch operators	707	6	12	50	54	64	104	194	124	83	16	5 327	5 652
Payroll and timekeeping clerks	385	8	11	10	22	35	43	90	53	113	–	5 706	6 123
Receptionists	959	61	118	102	84	184	198	122	33	53	4	3 622	4 471
Secretaries	6 742	120	194	354	455	663	889	1 043	1 177	1 682	165	5 667	6 334
Stenographers	1 269	17	22	45	36	60	167	262	333	298	29	6 077	6 332
Telephone operators	993	39	39	86	91	141	131	193	159	88	26	4 767	5 522
Typists	3 545	210	309	369	217	420	646	528	454	352	40	4 383	5 315
Other clerical and kindred workers	10 036	538	617	1 080	810	1 100	1 438	1 531	1 204	1 479	239	4 607	5 562
Craftsmen and kindred workers	**1 684**	**29**	**73**	**83**	**160**	**275**	**288**	**199**	**129**	**273**	**175**	**4 771**	**5 301**
Foremen, n.e.c.	478	–	9	16	24	85	98	67	58	76	45	5 104	5 408
Operatives, except transport	**7 252**	**488**	**496**	**626**	**1 105**	**2 204**	**1 240**	**633**	**236**	**170**	**54**	**3 413**	**3 816**
Assemblers	46	–	–	–	10	9	12	–	15	–	–	...	...
Bottling and canning operatives	107	5	20	7	15	29	26	–	5	–	–	3 224	...
Checkers, examiners, and inspectors; manufacturing	148	3	5	5	15	65	27	6	22	–	–	3 708	...
Dressmakers and seamstresses, except factory	599	38	40	98	78	146	67	89	14	21	8	3 312	3 792
Laundry and drycleaning operatives, including ironers	890	38	19	85	125	326	219	44	11	16	7	3 546	3 783
Graders and sorters, manufacturing	19	6	–	–	–	9	–	4	–	–	–	...	...
Packers and wrappers, except produce	1 259	74	122	108	242	350	205	128	24	6	–	3 239	3 841
Sewers and stitchers	1 564	63	35	87	180	559	360	186	60	30	4	3 746	3 929
Textile operatives	7	–	–	3	–	4	–	–	–	–	–	...	...
Other specified operatives	1 366	149	123	117	261	367	149	69	44	64	23	3 090	3 928
Miscellaneous and not specified operatives	1 247	112	132	116	179	340	175	107	41	33	12	3 249	3 894
Manufacturing	902	99	69	76	149	279	125	73	23	6	3	3 208	3 769
Durable goods	116	13	6	14	15	33	20	12	–	–	3	3 303	...
Machinery, including electrical	3	–	–	–	3	–	–	–	–	–	–	...	...
Other durable goods	113	13	6	14	12	33	20	12	–	–	3	3 348	...
Nondurable goods, including not specified manufacturing	786	86	63	62	134	246	105	61	23	6	–	3 195	3 820
Food and kindred products	630	66	63	52	130	188	90	21	14	6	–	3 021	3 603
Apparel and other fabricated textile products	60	–	–	10	–	21	9	11	9	–	–	...	...
Nonmanufacturing industries	345	13	63	40	30	61	50	34	18	27	9	3 434	4 267
Transport equipment operatives	**282**	**39**	**16**	**29**	**53**	**59**	**20**	**23**	**29**	**9**	**5**	**3 068**	**3 961**
Laborers, except farm	**716**	**71**	**62**	**64**	**77**	**138**	**102**	**89**	**46**	**50**	**17**	**3 609**	**4 538**
Farmers and farm managers	**120**	**–**	**10**	**21**	**31**	**18**	**11**	**–**	**13**	**12**	**4**	**2 935**	...
Farm laborers and farm foremen	**460**	**64**	**41**	**82**	**33**	**97**	**61**	**24**	**13**	**21**	**24**	**3 103**	**3 971**
Paid farm laborers and farm foremen	439	58	41	82	33	97	61	24	13	21	9	3 057	3 882
Unpaid family workers	21	6	–	–	–	–	–	–	–	–	15	...	...
Service workers, except private household[1]	**18 423**	**1 323**	**1 411**	**2 315**	**2 499**	**3 465**	**3 193**	**2 007**	**970**	**919**	**321**	**3 480**	**4 192**
Cleaning service workers	3 098	226	159	353	364	627	849	336	104	69	11	3 713	4 138
Chambermaids and maids	1 431	86	48	144	181	323	506	89	44	4	6	3 794	4 087
Food service workers	8 195	622	693	1 063	1 354	1 609	1 238	825	368	337	95	3 228	3 993
Cooks, except private household	1 358	40	92	87	191	270	274	205	116	79	4	3 996	4 466
Waiters and food counter workers	4 930	482	495	733	895	953	605	392	158	162	55	2 844	3 739
Health service workers	1 857	68	119	153	158	338	396	253	245	97	30	4 234	4 667
Nursing aides, orderlies, and attendants	780	36	37	81	80	192	152	49	89	39	25	3 813	4 391
Practical nurses	457	6	32	15	30	30	84	143	94	23	–	5 220	5 555
Personal service workers	2 989	195	232	326	276	514	369	427	190	312	148	3 906	4 855
Hairdressers and cosmetologists	1 094	66	79	101	91	236	148	156	57	79	81	3 890	4 718
Private household workers	**1 329**	**236**	**256**	**365**	**205**	**135**	**76**	**25**	**6**	**9**	**16**	**1 473**	**2 036**
Private household workers, living in	142	15	14	21	50	31	–	–	6	–	5	2 420	2 525
Private household workers, living out	1 187	221	242	344	155	104	76	25	–	9	11	1 379	1 922

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

Table 177. Selected Occupation by Major Industry of the Experienced Civilian Labor Force by Earnings in 1969 and Sex: 1970

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

The State	Persons with earnings										Median earnings (dollars)	Percent worked 50 to 52 weeks
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more		
Male experienced civilian labor force	169 538	16 588	14 262	10 675	12 547	14 334	15 557	27 383	39 085	19 107	8 059	79.1
Agriculture, forestry, and fisheries	10 790	1 242	1 256	1 692	2 054	1 315	1 107	939	796	389	5 587	79.1
Professional and managerial workers, except farm	462	9	35	9	45	60	44	43	117	100	9 349	82.0
Clerical and sales workers	131	5	6	8	20	5	29	28	24	6	7 741	93.1
Laborers, except farm	783	159	135	169	92	43	64	58	46	17	4 577	66.0
Other blue-collar workers	2 042	80	89	231	505	397	285	297	140	18	6 292	86.0
Farmers and farm managers	1 225	230	127	124	98	40	40	73	282	211	6 838	81.7
Farm laborers and farm foremen	6 054	744	841	1 128	1 294	765	635	435	175	37	5 243	77.6
Service workers, except private household	93	15	23	23	–	5	10	5	12	–	...	...
Mining	303	23	3	23	21	17	5	55	129	27	10 174	83.2
Professional, technical, and kindred workers	28	–	–	6	–	–	–	11	11	–	...	...
Managers and administrators, except farm	13	–	–	–	–	–	–	4	5	4	...	...
Clerical and sales workers	11	6	–	–	–	–	–	–	5	–	...	...
Craftsmen and kindred workers	91	–	–	17	11	6	–	11	41	5	...	...
Operatives, except transport	79	11	–	–	5	5	5	15	34	4	...	...
Transport equipment operatives, and laborers, except farm	76	6	3	–	–	6	–	14	33	14	...	...
Service workers, except private household	5	–	–	–	5	–	–	–	–	–	...	–
Construction	25 355	1 552	1 641	1 239	1 251	1 490	1 934	4 546	8 781	2 921	9 571	77.2
Professional, technical, and kindred workers	1 012	27	40	54	12	35	59	186	297	302	11 566	83.2
Managers and administrators, except farm	2 205	66	69	21	45	29	53	232	824	866	13 565	90.4
Sales workers	103	15	–	12	–	–	–	11	54	11	11 250	74.8
Clerical and kindred workers	598	21	28	42	47	50	46	59	192	113	10 156	83.9
Craftsmen and kindred workers	15 376	687	813	583	620	830	1 221	2 816	6 337	1 469	10 093	78.9
Operatives, except transport	1 410	103	116	69	56	96	122	313	466	69	8 914	74.3
Transport equipment operatives	903	56	67	49	85	85	129	198	213	21	7 849	76.3
Laborers, except farm	3 605	550	482	389	374	348	300	712	389	61	6 022	61.2
Service workers, except private household	143	27	26	20	12	17	4	19	9	9	4 925	60.8
Manufacturing, total	22 123	1 519	1 292	1 352	2 341	2 486	2 344	3 878	5 096	1 815	7 884	82.6
Professional, technical, and kindred workers	2 056	57	90	42	84	82	66	339	833	463	11 609	86.5
Managers and administrators, except farm	1 466	35	18	26	35	40	63	147	446	656	14 137	93.1
Sales workers	710	130	30	19	54	34	24	102	197	120	9 255	86.2
Clerical and kindred workers	1 245	92	58	52	107	168	173	276	258	61	7 841	84.3
Craftsmen and kindred workers	8 426	298	285	368	722	940	1 149	1 829	2 466	369	8 493	85.6
Operatives, except transport	4 390	516	406	364	660	610	523	690	526	95	6 408	77.8
Transport equipment operatives	1 906	78	148	164	399	401	223	246	214	33	6 409	78.8
Laborers, except farm	1 539	256	193	255	224	164	102	224	117	4	5 292	68.2
Service workers, except private household	385	57	64	62	56	47	21	25	39	14	5 170	74.0
Manufacturing, durable goods	8 517	493	430	319	468	598	741	1 674	2 919	875	9 445	84.1
Professional, technical, and kindred workers	970	8	30	22	17	34	23	134	429	273	12 529	86.1
Managers and administrators, except farm	433	10	8	9	4	26	30	29	123	194	14 085	93.1
Sales workers	185	5	–	–	–	14	–	46	66	54	12 083	93.0
Clerical and kindred workers	510	44	25	14	42	54	40	100	177	14	8 720	82.7
Craftsmen and kindred workers	3 931	153	151	115	221	218	369	859	1 625	220	9 719	85.5
Operatives, except transport	1 545	155	99	91	114	148	188	337	334	79	7 880	80.8
Transport equipment operatives	285	6	13	27	15	32	19	62	88	23	8 984	87.7
Laborers, except farm	516	84	77	36	44	61	51	98	61	4	6 279	70.9
Service workers, except private household	142	28	27	5	11	11	21	9	16	14	6 000	75.4
Manufacturing, nondurable goods, including not specified	13 606	1 026	862	1 033	1 873	1 888	1 603	2 204	2 177	940	7 075	81.6
Professional, technical, and kindred workers	1 086	49	60	20	67	48	43	205	404	190	10 631	86.8
Managers and administrators, except farm	1 033	25	10	17	31	14	33	118	323	462	14 156	93.1
Sales workers	525	125	30	19	54	20	24	56	131	66	7 604	83.8
Clerical and kindred workers	735	48	33	38	65	114	133	176	81	47	7 523	85.4
Craftsmen and kindred workers	4 495	145	134	253	501	722	780	970	841	149	7 631	85.7
Operatives, except transport	2 845	361	307	273	546	462	335	353	192	16	5 882	76.1
Transport equipment operatives	1 621	72	135	137	384	369	204	184	126	10	6 224	77.2
Laborers, except farm	1 023	172	116	219	180	103	51	126	56	–	5 025	66.9
Service workers, except private household	243	29	37	57	45	36	–	16	23	–	4 974	73.3
Transportation, communications, and other public utilities	18 892	966	1 289	884	1 064	1 592	1 935	3 914	5 591	1 657	8 877	82.9
Professional, technical, and kindred workers	2 419	51	94	50	85	75	107	379	1 000	578	11 843	86.7
Managers and administrators, except farm	1 845	47	47	33	33	55	85	237	732	576	12 633	87.0
Sales workers	149	–	2	14	8	11	11	42	47	14	9 357	84.6
Clerical and kindred workers	2 274	120	155	88	91	235	325	539	621	100	8 456	87.1
Craftsmen and kindred workers	4 910	143	241	121	181	279	527	1 227	1 941	250	9 570	88.8
Operatives, except transport	1 227	104	84	70	98	106	133	279	323	30	8 133	70.7
Transport equipment operatives	2 967	218	361	283	214	409	446	614	379	43	6 996	75.6
Laborers, except farm	1 905	186	165	121	237	293	219	379	286	19	6 831	79.7
Service workers, except private household	1 196	97	140	104	117	129	82	218	262	47	7 134	71.4
Wholesale trade	7 777	558	560	307	471	702	943	1 413	1 772	1 051	8 492	83.6
Professional, technical, and kindred workers	484	5	43	20	34	27	20	92	138	105	10 036	85.5
Managers and administrators, except farm	1 605	39	44	20	28	61	160	211	472	570	12 537	90.4
Sales workers	1 880	73	87	57	82	207	268	406	468	232	8 818	85.6
Clerical and kindred workers	521	60	53	23	24	68	78	133	67	15	7 417	76.6
Craftsmen and kindred workers	1 270	54	71	18	56	90	163	293	424	101	9 249	87.6
Operatives, except transport	454	63	69	9	41	60	58	67	76	11	6 750	75.8
Transport equipment operatives	874	114	91	93	98	103	115	158	85	17	6 398	78.8
Laborers, except farm	618	138	90	62	97	80	81	39	31	–	5 196	70.9
Service workers, except private household	71	12	12	5	11	6	–	14	11	–	...	...
Retail trade	21 276	4 910	2 794	1 392	1 520	1 914	1 888	2 342	2 760	1 756	6 011	69.1
Professional, technical, and kindred workers	746	50	72	38	29	32	36	81	225	183	10 778	80.7
Managers and administrators, except farm	4 147	198	198	141	217	337	378	613	1 125	940	9 972	87.4
Sales workers	3 293	546	338	202	268	368	346	423	501	299	6 792	74.0
Clerical and kindred workers	1 171	314	162	133	70	141	125	73	111	42	4 823	64.9
Craftsmen and kindred workers	2 947	251	268	184	266	368	443	528	517	122	7 308	82.6
Operatives, except transport	2 635	1 204	536	134	140	137	160	163	74	87	2 424	49.4
Transport equipment operatives	791	188	99	88	90	123	73	78	26	26	5 228	65.4
Laborers, except farm	1 819	955	369	99	144	80	80	64	12	16	1 905	44.8
Service workers, except private household	3 729	1 204	752	373	296	328	247	319	169	41	3 757	59.4

Table 177. Selected Occupation by Major Industry of the Experienced Civilian Labor Force by Earnings in 1969 and Sex: 1970—Continued

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

The State	Persons with earnings											
	Total, 16 years old and over	$1 to $1,999 or less	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	Median earnings (dollars)	Percent worked 50 to 52 weeks
Male experienced civilian labor force—Continued												
Finance, insurance, and real estate	**6 776**	**427**	**529**	**372**	**270**	**475**	**515**	**777**	**1 631**	**1 779**	**10 067**	**83.6**
Professional, technical, and kindred workers	504	-	22	40	16	22	52	57	151	144	11 424	87.9
Managers and administrators, except farm	2 218	68	93	55	65	147	136	238	652	764	12 354	88.3
Sales workers	2 279	94	114	77	68	159	126	278	553	810	12 021	85.7
Clerical and kindred workers	953	85	142	66	89	78	114	132	194	53	7 145	75.9
Craftsmen and kindred workers	166	-	14	8	4	26	34	14	58	8	7 912	85.5
Operatives, except transport	33	-	11	4	13	-	-	-	5	-	...	...
Transport equipment operatives	62	15	20	16	-	4	-	-	7	-	...	...
Laborers, except farm	191	77	41	41	6	12	14	-	-	-	2 902	64.9
Service workers, except private household	370	88	72	66	9	27	39	58	11	-	4 379	67.0
Business and repair services	**5 814**	**722**	**610**	**351**	**424**	**523**	**529**	**807**	**1 085**	**763**	**7 524**	**77.1**
Professional, technical, and kindred workers	670	46	38	29	15	57	35	72	190	188	11 132	80.9
Managers and administrators, except farm	803	26	31	24	13	36	35	79	276	283	12 853	88.7
Sales workers	169	6	3	6	17	12	13	25	51	36	10 245	87.6
Clerical and kindred workers	363	53	60	17	49	28	44	55	43	14	6 089	73.3
Craftsmen and kindred workers	2 181	184	207	119	186	208	272	396	412	197	7 686	84.1
Operatives, except transport	647	91	84	63	64	107	55	104	64	15	6 201	70.8
Transport equipment operatives	300	92	61	18	32	29	36	32	-	-	3 902	53.3
Laborers, except farm	142	95	20	19	-	5	-	-	-	3	1 495	26.8
Service workers, except private household	539	129	106	56	48	41	39	44	49	27	4 616	60.1
Personal services	**7 319**	**1 344**	**1 244**	**834**	**711**	**735**	**740**	**836**	**596**	**279**	**5 334**	**70.6**
Professional and managerial workers, except farm	1 276	94	117	94	75	121	124	219	230	202	8 119	81.0
Clerical and sales workers	621	109	167	69	43	52	48	68	49	16	4 500	62.2
Craftsmen and operatives, including transport	1 175	158	190	121	123	75	185	161	134	28	5 963	75.8
Laborers, except farm	838	312	182	114	85	60	35	30	16	4	3 176	58.9
Service workers, except private household	3 342	637	566	436	385	422	348	352	167	29	5 083	69.4
Private household workers	67	34	22	-	-	5	-	6	-	-	...	...
Entertainment and recreation services	**2 125**	**502**	**371**	**226**	**208**	**187**	**154**	**192**	**147**	**138**	**4 838**	**65.7**
Professional, technical, and kindred workers	643	120	101	68	40	52	27	85	64	86	5 813	56.3
Managers and administrators, except farm	272	10	40	8	33	24	42	42	42	31	7 500	82.0
Sales workers	14	-	-	9	-	5	-	-	-	-	...	...
Clerical and kindred workers	79	15	16	10	9	5	-	24	-	-	...	...
Craftsmen and kindred workers	170	17	29	11	40	20	26	16	6	5	5 700	83.5
Operatives, except transport	14	14	-	-	-	-	-	-	-	-	...	-
Transport equipment operatives	38	10	3	5	5	6	4	-	5	-	...	...
Laborers, except farm	247	65	57	48	36	25	12	4	-	-	4 031	70.4
Service workers, except private household	648	251	125	67	45	50	43	21	30	16	3 168	63.9
Professional and related services	**17 206**	**2 028**	**1 580**	**1 232**	**1 036**	**1 104**	**1 045**	**1 923**	**3 759**	**3 499**	**8 601**	**74.2**
Professional, technical, and kindred workers	10 712	883	889	423	422	528	637	1 273	2 755	2 902	10 546	74.1
Managers and administrators, except farm	1 537	68	42	35	22	36	44	131	669	490	12 919	86.7
Sales workers	43	5	11	-	3	4	-	4	11	5	...	...
Clerical and kindred workers	1 072	311	179	82	73	89	71	98	124	45	4 561	57.6
Craftsmen and kindred workers	584	42	37	50	39	81	86	132	91	26	7 500	81.3
Operatives, except transport	258	67	40	29	17	16	10	33	35	11	4 759	60.5
Transport equipment operatives	107	20	14	18	-	16	10	18	11	-	6 094	81.3
Laborers, except farm	498	156	74	92	70	53	-	26	27	-	4 207	69.9
Service workers, except private household	2 395	476	294	503	390	281	187	208	36	20	4 850	74.1
Public administration	**23 782**	**795**	**1 093**	**770**	**1 176**	**1 794**	**2 418**	**5 761**	**6 942**	**3 833**	**9 335**	**89.2**
Professional, technical, and kindred workers	5 402	132	188	97	127	239	228	678	2 079	1 634	12 434	91.0
Managers and administrators, except farm	2 731	54	31	36	46	84	125	419	1 165	771	12 448	93.2
Sales workers	26	-	4	-	-	-	-	17	5	-	...	...
Clerical and kindred workers	4 223	164	242	118	188	325	771	1 304	835	276	8 465	87.8
Craftsmen and kindred workers	4 810	92	228	148	269	297	497	1 659	1 403	217	9 054	90.9
Operatives, except transport	671	24	24	27	51	81	82	220	153	9	8 423	86.7
Transport equipment operatives	676	19	19	30	61	161	133	157	90	6	7 361	87.9
Laborers, except farm	1 272	94	136	148	231	281	126	159	91	6	6 096	86.4
Service workers, except private household	3 971	216	221	166	203	326	456	1 148	1 121	114	8 693	85.0
Female experienced civilian labor force	**112 969**	**25 519**	**27 747**	**15 444**	**12 905**	**10 222**	**6 758**	**8 086**	**5 139**	**1 149**	**4 208**	**62.5**
Agriculture, forestry, and fisheries	**2 041**	**669**	**691**	**264**	**126**	**120**	**54**	**47**	**40**	**30**	**3 817**	**52.2**
Professional and managerial workers, except farm	32	6	4	9	8	-	-	5	-	-	...	...
Clerical and sales workers	199	39	45	10	16	51	32	6	-	-	5 344	73.4
Laborers, except farm	51	18	17	-	5	5	-	-	6	-	...	...
Other blue-collar workers	111	29	57	13	5	-	-	7	-	-	2 930	50.5
Farmers and farm managers	367	158	110	33	12	18	12	-	9	15	2 464	74.4
Farm laborers and farm foremen	1 262	409	454	199	80	41	10	29	25	15	2 978	41.4
Service workers, except private household	19	10	4	-	-	5	-	-	-	-	...	...
Mining	**31**	**-**	**4**	**16**	**-**	**-**	**-**	**-**	**11**	**-**	...	...
Professional, technical, and kindred workers	7	-	-	-	-	-	-	-	7	-	...	...
Managers and administrators, except farm	-	-	-	-	-	-	-	-	-	-	-	-
Clerical and sales workers	11	-	-	11	-	-	-	-	-	-	...	...
Craftsmen and kindred workers	4	-	-	-	-	-	-	-	4	-	...	...
Operatives, except transport	9	-	4	5	-	-	-	-	-	-	...	...
Transport equipment operatives, and laborers, except farm	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, except private household	-	-	-	-	-	-	-	-	-	-	-	-
Construction	**1 671**	**228**	**258**	**259**	**250**	**228**	**138**	**167**	**119**	**24**	**5 362**	**70.7**
Professional, technical, and kindred workers	105	-	14	8	22	20	6	17	15	3	6 425	91.4
Managers and administrators, except farm	59	4	-	-	6	5	8	23	3	10	...	...
Sales workers	28	-	13	5	5	-	-	-	5	-	...	...
Clerical and kindred workers	1 209	191	202	211	203	194	81	94	27	6	5 002	68.1
Craftsmen and kindred workers	139	5	21	7	6	-	20	20	55	5	9 050	78.4
Operatives, except transport	31	7	4	3	-	-	5	-	12	-	...	...
Transport equipment operatives	2	-	-	-	-	-	-	-	2	-	...	...
Laborers, except farm	67	13	4	19	5	5	13	8	-	-	...	...
Service workers, except private household	31	8	-	6	3	4	5	5	-	-	...	...

Table 177. Selected Occupation by Major Industry of the Experienced Civilian Labor Force by Earnings in 1969 and Sex: 1970—Continued

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

The State	Persons with earnings											
	Total, 16 years old and over	$1 to $1,999 or less	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	Median earnings (dollars)	Percent worked 50 to 52 weeks
Female experienced civilian labor force—Continued												
Manufacturing, total	**9 215**	**1 725**	**3 293**	**1 477**	**954**	**727**	**342**	**405**	**204**	**88**	**3 751**	**61.8**
Professional, technical, and kindred workers	488	59	65	47	51	74	41	64	61	26	6 297	70.7
Managers and administrators, except farm	260	32	20	29	19	48	24	40	29	19	6 625	76.5
Sales workers	307	115	64	28	31	25	6	19	14	5	3 203	51.5
Clerical and kindred workers	2 068	275	349	277	327	380	207	186	52	15	5 407	71.8
Craftsmen and kindred workers	715	68	194	152	99	66	25	62	36	13	4 628	74.8
Operatives, except transport	4 992	1 063	2 479	889	350	134	36	34	7	–	3 156	55.4
Transport equipment operatives	41	12	11	5	8	–	–	–	5	–	...	...
Laborers, except farm	142	27	53	20	42	–	–	–	–	–	3 660	45.1
Service workers, except private household	202	74	58	30	27	–	3	–	–	10	2 931	61.9
Manufacturing, durable goods	**1 481**	**301**	**305**	**187**	**157**	**174**	**107**	**137**	**74**	**39**	**4 719**	**67.6**
Professional, technical, and kindred workers	105	18	5	5	5	10	15	20	23	4	7 633	83.8
Managers and administrators, except farm	89	22	4	9	–	10	6	14	13	11	...	...
Sales workers	74	22	15	11	17	9	–	–	–	–	...	...
Clerical and kindred workers	628	89	98	73	69	123	73	78	14	11	5 783	70.9
Craftsmen and kindred workers	131	7	35	23	9	4	10	14	16	13	5 056	64.9
Operatives, except transport	396	120	133	58	53	18	–	11	3	–	3 173	61.1
Transport equipment operatives	5	–	–	–	–	–	–	–	5	–	...	–
Laborers, except farm	19	9	6	–	4	–	–	–	–	–	...	...
Service workers, except private household	34	14	9	8	–	–	3	–	–	–	...	...
Manufacturing, nondurable goods, including not specified	**7 734**	**1 424**	**2 988**	**1 290**	**797**	**553**	**235**	**268**	**130**	**49**	**3 635**	**60.7**
Professional, technical, and kindred workers	383	41	60	42	46	64	26	44	38	22	6 039	67.1
Managers and administrators, except farm	171	10	16	20	19	38	18	26	16	8	6 539	73.7
Sales workers	233	93	49	17	14	16	6	19	14	5	2 959	54.5
Clerical and kindred workers	1 440	186	251	204	258	257	134	108	38	4	5 306	72.2
Craftsmen and kindred workers	584	61	159	129	90	62	15	48	20	–	4 558	77.1
Operatives, except transport	4 596	943	2 346	831	297	116	36	23	4	–	3 155	54.9
Transport equipment operatives	36	12	11	5	8	–	–	–	–	–	...	...
Laborers, except farm	123	18	47	20	38	–	–	–	–	–	3 851	43.9
Service workers, except private household	168	60	49	22	27	–	–	–	–	10	2 980	58.3
Transportation, communications, and other public utilities	**5 513**	**709**	**923**	**729**	**827**	**771**	**597**	**646**	**289**	**22**	**5 478**	**67.2**
Professional, technical, and kindred workers	295	17	29	23	32	62	27	57	48	–	6 750	71.9
Managers and administrators, except farm	364	42	90	34	41	26	31	56	44	–	5 390	63.5
Sales workers	141	54	27	22	10	6	5	10	7	–	3 222	61.0
Clerical and kindred workers	3 516	395	542	558	579	559	397	361	118	7	5 454	69.7
Craftsmen and kindred workers	118	5	14	6	5	19	13	30	16	10	7 769	78.8
Operatives, except transport	19	5	10	–	4	–	–	–	–	–	...	...
Transport equipment operatives	211	67	77	11	14	20	10	12	–	–	3 000	41.2
Laborers, except farm	43	–	8	12	4	–	4	11	4	–	...	...
Service workers, except private household	806	124	126	63	138	79	110	109	52	5	5 652	61.0
Wholesale trade	**3 426**	**575**	**843**	**577**	**505**	**459**	**203**	**148**	**91**	**25**	**4 511**	**68.6**
Professional, technical, and kindred workers	143	17	46	6	18	6	28	8	10	4	5 139	64.3
Managers and administrators, except farm	242	10	20	29	23	47	38	31	26	18	6 830	87.6
Sales workers	355	89	76	37	49	49	17	6	32	–	4 338	67.6
Clerical and kindred workers	1 902	249	419	380	355	292	103	84	17	3	4 745	69.5
Craftsmen and kindred workers	96	9	25	21	7	12	10	6	6	–	...	...
Operatives, except transport	560	167	218	80	41	42	7	5	–	–	3 037	62.1
Transport equipment operatives	44	–	10	11	4	11	–	8	–	–	...	...
Laborers, except farm	66	23	25	13	5	–	–	–	–	–	...	...
Service workers, except private household	18	11	4	–	3	–	–	–	–	–	...	...
Retail trade	**26 687**	**8 099**	**8 968**	**3 882**	**2 518**	**1 245**	**609**	**747**	**390**	**229**	**3 170**	**59.8**
Professional, technical, and kindred workers	461	66	97	48	52	86	24	39	28	21	5 375	65.5
Managers and administrators, except farm	1 915	190	371	253	241	212	133	198	192	125	5 595	78.3
Sales workers	7 933	3 062	2 613	1 157	527	209	136	148	67	14	2 692	53.4
Clerical and kindred workers	5 417	1 370	1 686	788	807	406	163	149	29	19	3 588	61.3
Craftsmen and kindred workers	444	51	157	95	74	26	16	14	6	5	4 147	74.1
Operatives, except transport	1 474	337	595	262	165	46	17	26	17	9	3 345	65.6
Transport equipment operatives	41	15	18	–	–	–	–	8	–	–	...	...
Laborers, except farm	346	102	129	48	36	13	4	14	–	–	3 101	71.4
Service workers, except private household	8 656	2 906	3 302	1 231	616	247	116	151	51	36	2 861	58.2
Finance, insurance, and real estate	**7 363**	**1 211**	**1 609**	**1 253**	**1 205**	**955**	**399**	**378**	**215**	**138**	**4 688**	**67.9**
Professional, technical, and kindred workers	271	24	44	30	25	50	36	38	14	10	6 250	71.6
Managers and administrators, except farm	731	99	111	69	119	127	54	68	42	42	5 727	78.9
Sales workers	853	129	162	93	68	78	52	92	102	77	5 625	74.4
Clerical and kindred workers	5 113	798	1 196	1 001	963	680	257	171	41	6	4 562	65.3
Craftsmen and kindred workers	28	–	2	–	–	16	–	–	10	–	...	...
Operatives, except transport	19	–	–	5	10	–	–	4	–	–	...	...
Transport equipment operatives	–	–	–	–	–	–	–	–	–	–	–	–
Laborers, except farm	23	4	7	5	4	–	–	–	–	3	...	...
Service workers, except private household	325	157	87	50	16	4	–	5	6	–	2 126	60.6
Business and repair services	**2 555**	**581**	**674**	**330**	**378**	**182**	**114**	**150**	**90**	**56**	**4 068**	**60.0**
Professional, technical, and kindred workers	281	22	71	26	24	20	23	30	47	18	5 896	68.0
Managers and administrators, except farm	129	12	15	20	21	8	11	11	3	28	5 833	69.8
Sales workers	78	34	27	9	3	–	5	–	–	–	...	...
Clerical and kindred workers	1 492	299	383	227	286	138	54	72	33	–	4 282	56.8
Craftsmen and kindred workers	76	23	6	–	4	–	–	30	7	6	...	...
Operatives, except transport	147	34	43	14	14	10	21	7	–	4	3 837	67.3
Transport equipment operatives	29	6	17	–	–	6	–	–	–	–	...	...
Laborers, except farm	42	17	13	6	6	–	–	–	–	–	...	...
Service workers, except private household	281	134	99	28	20	–	–	–	–	–	2 131	61.6
Personal services	**12 645**	**3 774**	**3 882**	**2 251**	**1 327**	**632**	**288**	**229**	**142**	**120**	**3 313**	**63.3**
Professional and managerial workers, except farm	650	118	95	85	75	82	42	69	35	49	5 360	69.2
Clerical and sales workers	2 079	437	487	443	359	239	77	23	10	4	4 261	58.4
Craftsmen and operatives, including transport	1 375	390	636	179	109	29	4	14	10	4	2 936	71.9
Laborers, except farm	62	38	14	10	–	–	–	–	–	–	...	...
Service workers, except private household	6 604	1 546	2 179	1 443	747	276	156	123	71	63	3 612	63.8
Private household workers	1 875	1 245	471	91	37	6	9	–	16	–	1 506	59.0

Table 177. **Selected Occupation by Major Industry of the Experienced Civilian Labor Force by Earnings in 1969 and Sex: 1970**—Continued

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

The State	Persons with earnings											
	Total, 16 years old and over	$1 to $1,999 or loss	$2,000 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 to $6,999	$7,000 to $7,999	$8,000 to $9,999	$10,000 to $14,999	$15,000 or more	Median earnings (dollars)	Percent worked 50 to 52 weeks
Female experienced civilian labor force—Continued												
Entertainment and recreation services	**1 601**	**669**	**371**	**180**	**107**	**100**	**33**	**87**	**29**	**25**	**2 709**	**55.8**
Professional, technical, and kindred workers	546	208	105	60	36	42	11	56	15	13	3 238	50.2
Managers and administrators, except farm	81	25	7	20	–	5	6	7	5	6	...	...
Sales workers	49	42	7	–	–	–	–	–	–	–	...	...
Clerical and kindred workers	376	143	104	44	39	32	4	5	5	–	2 865	57.2
Craftsmen and kindred workers	8	–	4	–	–	–	–	4	–	–	...	...
Operatives, except transport	19	–	19	–	–	–	–	–	–	–	...	...
Transport equipment operatives	–	–	–	–	–	–	–	–	–	–	–	–
Laborers, except farm	39	24	–	15	–	–	–	–	–	–	...	...
Service workers, except private household	483	227	125	41	32	21	12	15	4	6	2 232	59.2
Professional and related services	**31 207**	**6 444**	**5 287**	**3 370**	**3 259**	**3 398**	**2 614**	**3 698**	**2 880**	**265**	**5 154**	**58.6**
Professional, technical, and kindred workers	15 661	2 280	2 107	960	1 183	1 719	1 685	3 129	2 373	225	6 757	55.0
Managers and administrators, except farm	1 021	94	57	53	36	121	132	144	353	31	8 243	76.5
Sales workers	113	37	37	16	–	5	7	–	11	–	3 054	58.4
Clerical and kindred workers	8 278	2 407	1 414	1 220	1 168	1 037	573	365	94	–	4 261	58.8
Craftsmen and kindred workers	111	34	14	22	11	14	–	–	16	–	4 341	66.7
Operatives, except transport	264	87	50	67	28	4	23	–	5	–	3 800	70.5
Transport equipment operatives	–	–	–	–	–	–	–	–	–	–	–	–
Laborers, except farm	56	15	4	3	10	9	9	6	–	–	...	...
Service workers, except private household	5 703	1 490	1 604	1 029	823	481	185	54	28	9	3 698	63.9
Public administration	**9 014**	**835**	**944**	**856**	**1 449**	**1 413**	**1 367**	**1 384**	**639**	**127**	**6 299**	**76.5**
Professional, technical, and kindred workers	1 226	108	89	54	115	134	135	261	250	80	7 837	74.6
Managers and administrators, except farm	397	15	25	9	20	26	39	98	129	36	9 316	84.9
Sales workers	56	14	21	16	5	–	–	–	–	–	...	...
Clerical and kindred workers	6 397	557	582	628	1 139	1 162	1 130	974	218	7	6 252	76.6
Craftsmen and kindred workers	126	10	23	9	4	6	24	30	16	4	7 458	93.7
Operatives, except transport	48	14	4	27	3	–	–	–	–	–	...	...
Transport equipment operatives	–	–	–	–	–	–	–	–	–	–	–	–
Laborers, except farm	57	–	15	14	–	24	–	–	4	–	...	...
Service workers, except private household	707	117	185	99	163	61	39	21	22	–	4 520	72.7

Table 178. Occupational and Geographic Mobility Between 1965 and 1970 by Race and Sex: 1970

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

The State	Persons 25 years old and over	Occupation of workers in 1965: Total working[1]	Professional, technical, and kindred workers	Managers and administrators, except farm	Sales workers	Clerical and kindred workers	Craftsmen and kindred workers	Operatives, including transport	Laborers, except farm	Farmers and farm managers	Farm laborers and farm foremen	Service workers, except private household	Private household workers	Armed Forces in 1965	Did not work in 1965 and work in 1965 not reported
TOTAL															
Total															
Male	**197 226**	**131 761**	**18 624**	**15 120**	**6 480**	**8 115**	**31 366**	**14 862**	**8 286**	**1 617**	**6 602**	**10 545**	**65**	**26 330**	**39 135**
Employed in 1970	142 190	118 009	17 029	13 808	5 974	7 420	28 639	13 166	7 152	1 445	5 546	9 266	65	7 565	16 616
Professional, technical, and kindred workers	23 534	18 540	14 787	957	241	536	305	212	130	42	61	148	19	1 470	3 524
Managers and administrators, except farm	19 012	16 298	1 058	11 325	834	517	556	217	196	54	85	224	-	1 134	1 580
Sales workers	7 086	5 818	112	569	4 138	74	145	133	103	-	23	96	-	428	840
Clerical and kindred workers	10 008	8 052	333	212	282	5 508	364	146	102	19	64	76	-	979	977
Craftsmen and kindred workers	36 788	32 185	400	464	122	224	25 884	1 220	618	151	308	495	17	1 444	3 159
Operatives, including transport	16 157	13 068	181	-	107	133	358	10 103	493	78	331	324	-	925	2 164
Laborers, except farm	9 896	7 598	62	63	58	101	480	428	5 021	223	342	309	-	366	1 932
Farmers and farm managers	1 005	890	-	-	-	19	-	20	17	701	35	-	-	-	115
Farm laborers and farm foremen	5 489	4 989	-	25	-	23	125	142	120	83	4 125	52	-	45	455
Service workers, except private household	13 170	10 546	96	193	192	285	422	545	352	94	172	7 517	29	774	1 858
Private household workers	45	25	-	-	-	-	-	-	-	-	-	25	-	-	20
Unemployed	2 093	1 299	159	46	39	65	401	190	116	39	111	53	-	156	638
Armed Forces	22 575	1 870	301	136	118	170	282	303	170	-	39	127	-	17 809	2 896
Not in labor force	30 368	10 583	1 135	1 130	349	460	2 044	1 203	848	133	906	1 099	-	800	18 985
Female	**187 861**	**78 659**	**13 032**	**4 163**	**5 618**	**22 908**	**1 269**	**7 855**	**599**	**726**	**1 062**	**13 163**	**1 806**	**458**	**108 744**
Employed in 1970	88 824	61 276	9 857	3 388	4 471	18 642	1 073	6 080	496	508	737	9 963	1 319	124	27 424
Professional, technical, and kindred workers	15 979	10 712	8 452	243	71	803	64	40	-	-	-	148	-	38	5 229
Managers and administrators, except farm	5 740	4 537	311	2 623	342	618	62	82	-	-	-	169	-	-	1 203
Sales workers	6 895	4 412	136	130	3 086	423	15	79	19	-	-	187	45	-	2 483
Clerical and kindred workers	26 933	20 025	587	207	608	16 176	89	291	29	-	67	507	-	60	6 848
Craftsmen and kindred workers	1 412	1 161	-	23	38	76	787	101	-	-	-	24	-	-	251
Operatives, including transport	8 405	5 916	59	21	96	163	-	4 677	38	-	15	250	22	-	2 489
Laborers, except farm	480	307	-	26	-	-	16	26	221	-	-	-	-	-	173
Farmers and farm managers	558	445	-	-	29	-	-	-	-	361	-	-	-	-	113
Farm laborers and farm foremen	1 117	661	-	-	-	-	-	-	-	66	536	38	-	-	456
Service workers, except private household	19 322	11 634	266	115	201	369	40	637	175	81	119	8 580	164	26	7 662
Private household workers	1 983	1 466	46	-	-	14	-	147	14	-	-	60	1 088	-	517
Unemployed	2 752	1 168	157	19	53	228	16	136	-	24	60	273	78	22	1 562
Armed Forces	411	145	21	-	-	15	-	-	-	-	-	25	-	171	95
Not in labor force	95 874	16 070	2 997	756	1 094	4 023	180	1 639	103	194	265	2 902	409	141	79 663
Negro															
Male	**1 550**	**367**	**142**	**43**	**16**	**36**	**59**	**16**	-	-	-	**29**	-	**898**	**285**
Employed in 1970	437	201	105	20	-	36	14	-	-	-	-	14	-	138	98
Professional, technical, and kindred workers	88	53	53	-	-	-	-	-	-	-	-	-	-	18	17
Managers and administrators, except farm	14	-	-	-	-	-	-	-	-	-	-	-	-	-	14
Sales workers	17	17	17	-	-	-	-	-	-	-	-	-	-	-	-
Clerical and kindred workers	78	16	16	-	-	-	-	-	-	-	-	-	-	47	15
Craftsmen and kindred workers	143	70	-	20	-	36	14	-	-	-	-	-	-	42	31
Operatives, including transport	52	31	19	-	-	-	-	-	-	-	-	-	-	-	21
Laborers, except farm	17	-	-	-	-	-	-	-	-	-	-	-	-	17	-
Farmers and farm managers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Farm laborers and farm foremen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, except private household	28	14	-	-	-	-	-	-	-	-	-	14	-	14	-
Private household workers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unemployed	16	16	-	-	-	-	-	16	-	-	-	-	-	-	-
Armed Forces	981	74	-	-	16	-	29	-	-	-	-	15	-	745	162
Not in labor force	116	76	37	23	-	-	16	-	-	-	-	-	-	15	25
Female	**1 185**	**374**	**44**	-	-	**117**	-	**44**	-	-	-	**130**	**22**	**36**	**775**
Employed in 1970	348	148	44	-	-	53	-	36	-	-	-	15	-	-	200
Professional, technical, and kindred workers	138	44	44	-	-	-	-	-	-	-	-	-	-	-	94
Managers and administrators, except farm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sales workers	15	15	-	-	-	15	-	-	-	-	-	-	-	-	-
Clerical and kindred workers	101	38	-	-	-	38	-	-	-	-	-	-	-	-	63
Craftsmen and kindred workers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operatives, including transport	57	14	-	-	-	-	-	14	-	-	-	-	-	-	43
Laborers, except farm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Farmers and farm managers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Farm laborers and farm foremen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, except private household	37	37	-	-	-	-	-	22	-	-	-	15	-	-	-
Private household workers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17
Unemployed	17	-	-	-	-	-	-	-	-	-	-	-	-	36	-
Armed Forces	51	15	-	-	-	15	-	-	-	-	-	-	-	-	-
Not in labor force	769	211	-	-	-	49	-	8	-	-	-	115	22	-	558

[1]Includes "Occupation not reported" not shown separately.

Table 178. Occupational and Geographic Mobility Between 1965 and 1970 by Race and Sex: 1970—Continued

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

The State	Persons 25 years old and over	Occupation of workers in 1965: Total working[1]	Professional, technical, and kindred workers	Managers and administrators, except farm	Sales workers	Clerical and kindred workers	Craftsmen and kindred workers	Operatives, including transport	Laborers, except farm	Farmers and farm managers	Farm laborers and farm foremen	Service workers, except private household	Private household workers	Armed Forces in 1965	Did not work in 1965 and work in 1965 not reported
TOTAL—Continued															
Spanish Origin or Descent															
Male	**5 379**	**3 912**	**246**	**285**	**87**	**120**	**994**	**834**	**550**	**18**	**216**	**280**	**-**	**560**	**907**
Employed in 1970	3 739	3 215	165	243	67	120	889	681	488	-	137	245	-	157	367
Professional, technical, and kindred workers	308	224	137	23	-	21	-	19	-	-	-	-	-	23	61
Managers and administrators, except farm	276	221	-	200	-	21	-	-	-	-	-	-	-	20	35
Sales workers	110	87	-	20	67	-	-	-	-	-	-	-	-	-	23
Clerical and kindred workers	133	97	-	-	-	58	-	-	19	-	-	-	-	16	20
Craftsmen and kindred workers	985	963	-	-	-	-	743	64	66	-	15	-	-	22	-
Operatives, including transport	762	634	28	-	-	-	21	518	22	-	22	-	-	23	105
Laborers, except farm	536	479	-	-	-	-	59	41	315	-	19	26	-	-	57
Farmers and farm managers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Farm laborers and farm foremen	137	123	-	-	-	-	20	-	22	-	81	-	-	14	-
Service workers, except private household	492	387	-	-	-	20	46	39	44	-	-	219	-	39	66
Private household workers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unemployed	137	118	20	-	-	-	-	56	-	-	20	-	-	19	-
Armed Forces	537	106	19	20	20	-	26	-	21	-	-	-	-	363	68
Not in labor force	966	473	42	22	-	-	79	97	41	18	59	35	-	21	472
Female	**4 538**	**1 588**	**184**	**46**	**85**	**319**	**50**	**195**	**37**	**-**	**43**	**458**	**21**	**-**	**2 950**
Employed in 1970	1 368	870	77	46	85	147	17	101	37	-	15	243	-	-	498
Professional, technical, and kindred workers	195	116	57	-	-	19	-	-	-	-	-	19	-	-	79
Managers and administrators, except farm	74	60	-	46	-	14	-	-	-	-	-	-	-	-	14
Sales workers	161	84	-	-	62	-	-	-	-	-	-	22	-	-	77
Clerical and kindred workers	271	203	-	-	23	114	-	-	-	-	-	26	-	-	68
Craftsmen and kindred workers	17	17	-	-	-	-	17	-	-	-	-	-	-	-	-
Operatives, including transport	111	111	-	-	-	-	-	58	-	-	15	19	-	-	-
Laborers, except farm	31	15	-	-	-	-	-	-	15	-	-	-	-	-	16
Farmers and farm managers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Farm laborers and farm foremen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, except private household	490	264	20	-	-	-	-	43	22	-	-	157	-	-	226
Private household workers	18	-	-	-	-	-	-	-	-	-	-	-	-	-	18
Unemployed	159	81	-	-	-	-	-	13	-	-	28	19	-	-	78
Armed Forces	17	-	-	-	-	-	-	-	-	-	-	-	-	-	17
Not in labor force	2 994	637	107	-	-	172	33	81	-	-	-	196	21	-	2 357
RESIDED SAME STATE 5 YEARS AGO															
Male	**149 230**	**115 707**	**14 003**	**12 679**	**5 656**	**7 252**	**28 897**	**13 748**	**7 824**	**1 138**	**6 176**	**9 689**	**65**	**7 098**	**26 425**
Employed in 1970	117 889	104 969	13 067	11 615	5 349	6 767	26 657	12 440	6 903	986	5 222	8 585	65	3 909	9 011
Professional, technical, and kindred workers	16 763	14 389	11 481	627	218	386	244	165	86	22	39	127	19	837	1 537
Managers and administrators, except farm	15 170	13 838	811	9 786	711	422	480	217	178	54	85	167	-	522	810
Sales workers	5 850	5 074	34	463	3 792	54	145	113	103	-	23	35	-	322	454
Clerical and kindred workers	8 316	7 392	250	169	217	5 250	280	146	61	19	64	56	-	410	514
Craftsmen and kindred workers	32 288	29 713	278	357	102	178	24 383	1 031	597	65	280	396	17	685	1 890
Operatives, including transport	14 053	12 302	125	-	107	92	316	9 864	470	29	236	264	-	561	1 190
Laborers, except farm	8 298	6 942	22	41	58	101	355	317	4 935	43	294	288	-	199	1 157
Farmers and farm managers	947	852	-	-	-	19	-	20	17	682	35	-	-	-	95
Farm laborers and farm foremen	5 003	4 737	-	25	-	23	79	80	120	18	4 068	52	-	31	235
Service workers, except private household	11 176	9 705	66	147	144	242	375	487	336	54	98	7 175	29	342	1 129
Private household workers	25	25	-	-	-	-	-	-	-	-	-	25	-	-	-
Unemployed	1 526	1 074	98	46	39	65	344	166	116	19	67	53	-	118	334
Armed Forces	3 760	304	-	60	-	40	70	34	-	-	-	36	-	2 666	790
Not in labor force	26 055	9 360	838	958	268	380	1 826	1 108	805	133	887	1 015	-	405	16 290
Female	**144 781**	**66 737**	**10 101**	**3 472**	**5 854**	**18 714**	**1 136**	**7 204**	**552**	**668**	**1 000**	**11 745**	**1 690**	**108**	**77 936**
Employed in 1970	72 709	54 549	8 182	3 018	4 185	16 112	996	5 680	496	470	675	9 253	1 283	65	18 095
Professional, technical, and kindred workers	12 018	9 026	7 257	127	71	601	64	19	-	-	-	148	-	38	2 954
Managers and administrators, except farm	4 886	4 017	217	2 470	319	427	45	63	-	-	-	146	-	-	869
Sales workers	5 333	3 907	95	130	2 844	307	15	59	19	-	-	146	45	-	1 426
Clerical and kindred workers	22 155	17 593	385	125	587	14 390	66	153	29	-	67	443	-	27	4 535
Craftsmen and kindred workers	1 301	1 096	-	23	38	76	766	101	-	-	-	-	-	-	205
Operatives, including transport	7 520	5 671	16	21	96	141	-	4 589	38	-	15	207	22	-	1 849
Laborers, except farm	402	291	-	26	-	-	-	26	221	-	-	-	-	-	111
Farmers and farm managers	507	429	-	-	29	-	-	-	-	345	-	-	-	-	78
Farm laborers and farm foremen	832	599	-	-	-	-	-	-	-	66	474	38	-	-	233
Service workers, except private household	16 021	10 588	212	96	201	156	40	541	175	59	119	8 065	148	-	5 433
Private household workers	1 734	1 332	-	-	-	14	-	129	14	-	-	60	1 068	-	402
Unemployed	1 842	937	83	19	20	147	16	113	-	24	60	273	78	22	883
Armed Forces	171	107	21	-	-	-	-	-	-	-	-	25	-	21	43
Not in labor force	70 059	11 144	1 815	435	849	2 455	124	1 411	56	174	265	2 194	329	-	58 915

[1]Includes "Occupation not reported" not shown separately.

Table 178. Occupational and Geographic Mobility Between 1965 and 1970 by Race and Sex: 1970—Continued

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

The State	Persons 25 years old and over	Occupation of workers in 1965: Total working[1]	Professional, technical, and kindred workers	Managers and administrators, except farm	Sales workers	Clerical and kindred workers	Craftsmen and kindred workers	Operatives, including transport	Laborers, except farm	Farmers and farm managers	Farm laborers and farm foremen	Service workers, except private household	Private household workers	Armed Forces in 1965	Did not work in 1965 and work in 1965 not reported
RESIDED DIFFERENT STATE 5 YEARS AGO															
Male	**47 996**	**16 054**	**4 621**	**2 441**	**824**	**863**	**2 469**	**1 114**	**462**	**479**	**426**	**856**	-	**19 222**	**12 710**
Employed in 1970	24 301	13 840	3 962	2 193	625	653	1 982	726	249	459	324	681	-	3 656	7 805
Professional, technical, and kindred workers	6 771	4 151	3 386	338	23	150	61	47	44	20	22	21	-	633	1 987
Managers and administrators, except farm	3 842	2 460	247	1 539	123	95	76	-	18	-	-	57	-	612	770
Sales workers	1 236	744	78	106	346	20	-	20	-	-	-	61	-	106	386
Clerical and kindred workers	1 692	660	83	43	65	298	84	-	41	-	-	20	-	569	463
Craftsmen and kindred workers	4 980	2 472	122	107	20	46	1 501	189	21	86	28	99	-	759	1 269
Operatives, including transport	2 104	766	56	-	-	41	42	239	23	49	95	60	-	364	974
Laborers, except farm	1 598	656	40	22	-	-	125	111	86	180	48	21	-	167	775
Farmers and farm managers	58	38	-	-	-	-	-	-	-	19	-	-	-	-	20
Farm laborers and farm foremen	486	252	-	-	-	-	46	62	-	65	57	-	-	14	220
Service workers, except private household	1 994	841	30	46	48	43	47	58	16	40	74	342	-	432	721
Private household workers	20	-	-	-	-	-	-	-	-	-	-	-	-	-	20
Unemployed	567	225	61	-	-	-	57	24	-	20	44	-	-	38	304
Armed Forces	18 815	1 566	381	76	118	130	212	269	170	-	39	91	-	15 143	2 106
Not in labor force	4 313	1 223	297	172	81	80	218	95	43	-	19	84	-	395	2 695
Female	**43 080**	**11 922**	**2 931**	**691**	**564**	**4 194**	**133**	**651**	**47**	**58**	**62**	**1 418**	**116**	**350**	**30 808**
Employed in 1970	16 115	6 727	1 675	370	286	2 530	77	400	-	38	62	710	36	59	9 329
Professional, technical, and kindred workers	3 961	1 686	1 195	116	-	202	-	21	-	-	-	-	-	-	2 275
Managers and administrators, except farm	854	520	94	153	23	191	17	19	-	-	-	23	-	-	334
Sales workers	1 562	505	41	-	242	116	-	20	-	-	-	41	-	-	1 057
Clerical and kindred workers	4 778	2 432	202	82	21	1 786	23	138	-	-	-	64	-	33	2 313
Craftsmen and kindred workers	111	65	-	-	-	-	21	-	-	-	-	24	-	-	46
Operatives, including transport	885	245	43	-	-	22	-	88	-	-	-	43	-	-	640
Laborers, except farm	78	16	-	-	-	-	16	-	-	-	-	-	-	-	62
Farmers and farm managers	51	16	-	-	-	-	-	-	-	16	-	-	-	-	35
Farm laborers and farm foremen	285	62	-	-	-	-	-	-	-	-	62	-	-	-	223
Service workers, except private household	3 301	1 046	54	19	-	213	-	96	-	22	-	515	16	26	2 229
Private household workers	249	134	46	-	-	-	-	18	-	-	-	-	20	-	115
Unemployed	910	231	74	-	33	81	-	23	-	-	-	-	-	-	679
Armed Forces	240	38	-	-	-	15	-	-	-	-	-	-	-	150	52
Not in labor force	25 815	4 926	1 182	321	245	1 568	56	228	47	20	-	708	80	141	20 748

[1] Includes "Occupation not reported" not shown separately.

Table 179. Occupation of Employed Persons by Education, Race, and Sex: 1970

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

The State

	Total	Years of school completed: Elementary, 8 years or less	High school: 1 to 3 years	High school: 4 years	College: 1 to 3 years	College: 4 years or more
TOTAL						
Male employed, 16 years old and over	**168 940**	**30 971**	**26 478**	**63 848**	**22 625**	**25 018**
Professional, technical, and kindred workers	25 566	518	877	5 663	4 526	13 982
Engineers	3 602	36	68	618	494	2 386
Lawyers and judges	590	-	-	11	32	547
Life and physical scientists	708	14	30	113	55	496
Physicians, dentists, and related practitioners	1 448	7	10	39	19	1 373
Health workers, except practitioners	466	19	5	145	87	210
Social and recreation workers	399	10	10	57	55	267
Teachers	3 820	40	30	167	223	3 360
Technicians, except health	4 015	78	141	2 066	1 169	561
Writers, artists, and entertainers	2 233	99	175	604	723	632
Other professional, technical, and kindred workers	8 285	215	408	1 843	1 669	4 150
Managers and administrators, except farm	19 718	1 406	1 735	7 356	3 806	5 415
Salaried	17 402	959	1 408	6 464	3 439	5 132
Manufacturing	1 306	30	74	536	220	446
Retail trade	3 130	143	333	1 416	673	565
All other industries	12 966	786	1 001	4 512	2 546	4 121
Self-employed	2 316	447	327	892	367	283
Retail trade	972	203	112	418	162	77
All other industries	1 344	244	215	474	205	206
Sales workers	8 723	565	867	3 637	2 010	1 644
Manufacturing and wholesale trade	2 620	165	257	1 160	597	441
Retail trade	3 289	319	413	1 523	748	286
All other industries	2 814	81	197	954	665	917
Clerical and kindred workers	13 207	687	1 364	6 641	2 960	1 555
Bookkeepers and billing clerks	1 078	22	61	533	280	182
Mail handlers and postal clerks	1 440	35	116	980	258	51
Other clerical and kindred workers	10 689	630	1 187	5 128	2 422	1 322
Craftsmen and kindred workers	41 907	8 278	8 310	20 560	3 896	863
Carpenters	5 819	1 307	1 351	2 608	465	88
Construction craftsmen, except carpenters	10 142	2 458	2 240	4 656	690	98
Automobile mechanics, including body repairmen	3 350	546	726	1 659	392	27
Mechanics and repairmen, except auto	6 031	935	887	3 311	749	149
Machinists	1 083	152	161	664	96	10
Metal craftsmen, except mechanics and machinists	1 073	112	175	660	114	12
Foremen, n.e.c	4 381	740	850	2 159	409	223
Other craftsmen and kindred workers	10 028	2 028	1 920	4 843	981	256
Operatives, except transport	12 384	2 918	3 268	4 872	1 095	231
Assemblers	140	28	32	55	17	8
Garage workers and gas station attendants	1 886	128	946	536	264	12
Laundry and drycleaning operatives, including ironers	249	112	71	45	14	7
Precision machine operatives	93	5	27	50	-	11
Other operatives, except transport	10 016	2 645	2 192	4 186	800	193
Durable goods, manufacturing	1 358	321	266	674	73	24
Nondurable goods, including not specified manufacturing	2 698	1 105	579	862	112	40
Nonmanufacturing industries	5 960	1 219	1 347	2 650	615	129
Transport equipment operatives	9 654	2 702	2 326	3 757	731	138
Truck drivers	4 904	1 751	1 263	1 648	234	8
Other transport equipment operatives	4 750	951	1 063	2 109	497	130
Laborers, except farm	13 284	4 732	3 256	4 108	994	194
Construction laborers	3 157	1 046	680	1 123	257	51
Freight, stock, and material handlers	4 531	953	1 447	1 621	478	32
Other laborers, except farm	5 596	2 733	1 129	1 364	259	111
Manufacturing industries	810	324	186	219	65	16
Farmers and farm managers	1 228	492	183	311	123	119
Farm laborers and farm foremen	6 125	4 073	903	922	142	85
Service workers, except private household[1]	17 071	4 580	3 379	5 983	2 337	792
Cleaning service workers	4 385	1 890	1 074	942	388	91
Food service workers	4 641	1 223	1 181	1 448	650	139
Health service workers	456	150	89	109	64	44
Personal service workers	2 148	376	370	843	413	146
Protective service workers	3 747	361	357	2 130	740	159
Private household workers	73	20	10	38	5	-
Female employed, 16 years old and over	**116 616**	**14 853**	**15 518**	**49 502**	**20 497**	**16 246**
Professional, technical, and kindred workers	19 978	288	588	3 758	3 859	11 485
Registered nurses	2 815	20	54	807	1 156	778
Health workers, except nurses	1 067	13	47	221	236	550
Teachers, elementary and secondary schools	7 579	36	83	501	563	6 396
Technicians, except health	360	4	24	158	104	70
Other professional, technical, and kindred workers	8 157	215	380	2 071	1 800	3 691
Managers and administrators, except farm	5 739	518	596	2 576	1 120	929
Salaried	4 970	355	469	2 267	1 032	847
Self-employed	769	163	127	309	88	82
Sales workers	10 670	915	1 961	5 139	1 982	673
Retail trade	8 462	872	1 711	4 128	1 481	270
Clerical and kindred workers	38 955	900	2 916	22 627	10 344	2 168
Bookkeepers and cashiers	6 629	254	849	3 885	1 363	278
Office machine operators	1 178	20	67	719	330	42
Secretaries, stenographers, and typists	13 320	72	418	7 616	4 540	674
Other clerical and kindred workers	17 828	554	1 582	10 407	4 111	1 174
Craftsmen and kindred workers	2 013	361	351	1 018	160	123
Operatives, except transport	8 962	3 286	2 224	3 003	365	84
Sewers and stitchers	1 864	725	444	608	67	20
Laundry and drycleaning operatives, including ironers	1 113	505	355	236	11	6
Other operatives, except transport	5 985	2 056	1 425	2 159	287	58
Durable goods, manufacturing	267	92	37	118	15	5
Nondurable goods, including not specified manufacturing	2 845	1 146	732	847	89	31
Nonmanufacturing industries	2 873	818	656	1 194	183	22
Transport equipment operatives	425	66	118	205	27	9
Laborers, except farm	1 037	353	225	348	80	31
Farmers and farm managers	462	203	128	87	30	14
Farm laborers and farm foremen	1 433	859	291	244	14	25
Service workers, except private household[1]	24 918	6 016	5 705	10 138	2 392	667
Cleaning service workers	4 312	1 834	1 126	1 157	154	41
Food service workers	11 441	2 508	3 202	4 648	901	182
Health service workers	2 384	283	308	1 156	537	100
Practical nurses	649	69	71	351	143	15
Personal service workers	3 785	468	485	1 992	616	224
Protective service workers	93	12	26	55	-	-
Private household workers	2 024	1 088	415	359	124	38

[1]Includes allocated cases not shown separately.

Table 179. Occupation of Employed Persons by Education, Race, and Sex: 1970—Continued

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

The State	Total	Years of school completed: Elementary, 8 years or less	High school: 1 to 3 years	High school: 4 years	College: 1 to 3 years	College: 4 years or more
NEGRO						
Male employed, 16 years old and over	668	87	108	290	92	91
Professional, technical, and kindred workers	125	-	15	46	23	41
Engineers	-	-	-	-	-	-
Lawyers and judges	-	-	-	-	-	-
Life and physical scientists	4	-	-	-	-	4
Physicians, dentists, and related practitioners	6	-	-	-	-	6
Health workers, except practitioners	6	-	-	-	5	6
Social and recreation workers	10	-	-	-	-	5
Teachers	19	-	-	4	-	15
Technicians, except health	34	-	-	20	14	-
Writers, artists, and entertainers	18	-	4	14	-	-
Other professional, technical, and kindred workers	26	-	11	8	4	5
Managers and administrators, except farm	38	5	7	7	6	13
Salaried	30	-	4	7	6	13
Manufacturing	-	-	-	-	-	-
Retail trade	4	-	-	4	-	-
All other industries	26	-	4	3	6	13
Self-employed	8	5	3	-	-	-
Retail trade	-	-	-	-	-	-
All other industries	8	5	3	-	-	-
Sales workers	10	-	3	7	-	-
Manufacturing and wholesale trade	-	-	-	-	-	-
Retail trade	3	-	-	3	-	-
All other industries	7	-	3	4	-	-
Clerical and kindred workers	93	8	8	37	26	14
Bookkeepers and billing clerks	-	-	-	-	-	-
Mail handlers and postal clerks	6	-	-	-	6	-
Other clerical and kindred workers	87	8	8	37	20	14
Craftsmen and kindred workers	128	17	28	72	7	4
Carpenters	13	-	13	-	-	-
Construction craftsmen, except carpenters	31	12	7	12	-	-
Automobile mechanics, including body repairmen	-	-	-	-	-	-
Mechanics and repairmen, except auto	8	-	-	8	-	-
Machinists	-	-	-	-	-	-
Metal craftsmen, except mechanics and machinists	-	-	-	-	-	-
Foremen, n.e.c	6	-	-	6	-	-
Other craftsmen and kindred workers	70	5	8	46	7	4
Operatives, except transport	73	21	8	29	15	-
Assemblers	-	-	-	-	-	-
Garage workers and gas station attendants	-	-	-	-	-	-
Laundry and drycleaning operatives, including ironers	-	-	-	-	-	-
Precision machine operatives	-	-	-	-	-	-
Other operatives, except transport	73	21	8	29	15	-
Durable goods, manufacturing	15	7	-	8	-	-
Nondurable goods, including not specified manufacturing	18	5	-	8	5	-
Nonmanufacturing industries	40	9	8	13	10	-
Transport equipment operatives	19	-	13	6	-	-
Truck drivers	6	-	-	6	-	-
Other transport equipment operatives	13	-	13	-	-	-
Laborers, except farm	68	19	5	31	8	5
Construction laborers	24	5	-	6	8	5
Freight, stock, and material handlers	23	4	5	14	-	-
Other laborers, except farm	21	10	-	11	-	-
Manufacturing industries	-	-	-	-	-	-
Farmers and farm managers	-	-	-	-	-	-
Farm laborers and farm foremen	-	-	-	-	-	-
Service workers, except private household[1]	114	17	21	55	7	14
Cleaning service workers	13	4	9	-	-	-
Food service workers	56	5	5	32	-	14
Health service workers	-	-	-	-	-	-
Personal service workers	13	-	4	2	7	-
Protective service workers	32	8	3	21	-	-
Private household workers	-	-	-	-	-	-
Female employed, 16 years old and over	505	31	37	230	106	101
Professional, technical, and kindred workers	137	8	-	22	14	93
Registered nurses	17	-	-	5	7	5
Health workers, except nurses	4	-	-	-	4	-
Teachers, elementary and secondary schools	63	-	-	-	3	60
Technicians, except health	-	-	-	-	-	-
Other professional, technical, and kindred workers	53	8	-	17	-	28
Managers and administrators, except farm	5	-	-	-	5	-
Salaried	5	-	-	-	5	-
Self-employed	-	-	-	-	-	-
Sales workers	68	8	15	33	12	-
Retail trade	65	8	15	33	9	-
Clerical and kindred workers	160	-	8	74	70	8
Bookkeepers and cashiers	29	-	-	10	19	-
Office machine operators	22	-	-	17	5	-
Secretaries, stenographers, and typists	57	-	-	28	25	4
Other clerical and kindred workers	52	-	8	19	21	4
Craftsmen and kindred workers	5	-	-	5	-	-
Operatives, except transport	33	-	9	19	5	-
Sewers and stitchers	5	-	5	-	-	-
Laundry and drycleaning operatives, including ironers	5	-	-	5	-	-
Other operatives, except transport	23	-	4	14	5	-
Durable goods, manufacturing	6	-	-	6	-	-
Nondurable goods, including not specified manufacturing	13	-	-	8	5	-
Nonmanufacturing industries	4	-	4	-	-	-
Transport equipment operatives	-	-	-	-	-	-
Laborers, except farm	4	-	-	-	-	-
Farmers and farm managers	-	-	-	4	-	-
Farm laborers and farm foremen	-	-	-	-	-	-
Service workers, except private household[1]	82	10	5	67	-	-
Cleaning service workers	14	-	-	14	-	-
Food service workers	32	5	5	22	-	-
Health service workers	6	-	-	6	-	-
Practical nurses	-	-	-	-	-	-
Personal service workers	11	-	-	11	-	-
Protective service workers	-	-	-	-	-	-
Private household workers	11	5	-	6	-	-

[1] Includes allocated cases not shown separately.

Table 179. **Occupation of Employed Persons by Education, Race, and Sex: 1970**—Continued

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

The State

	Total	Years of school completed: Elementary, 8 years or less	High school: 1 to 3 years	High school: 4 years	College: 1 to 3 years	College: 4 years or more
PERSONS OF SPANISH LANGUAGE						
Male employed, 16 years old and over	**4 206**	**1 098**	**913**	**1 336**	**450**	**411**
Professional, technical, and kindred workers	436	10	13	114	61	238
Engineers	75	-	-	26	6	43
Lawyers and judges	14	-	-	-	-	14
Life and physical scientists	10	4	-	-	-	6
Physicians, dentists, and related practitioners	7	-	-	-	-	7
Health workers, except practitioners	7	-	-	-	-	7
Social and recreation workers	6	-	-	-	-	6
Teachers	107	-	-	7	12	88
Technicians, except health	61	-	-	32	15	14
Writers, artists, and entertainers	63	-	13	6	21	23
Other professional, technical, and kindred workers	86	6	-	43	7	30
Managers and administrators, except farm	344	6	32	110	114	82
Salaried	295	6	25	95	99	70
Manufacturing	13	-	-	-	6	7
Retail trade	70	-	13	28	13	16
All other industries	212	6	12	67	80	47
Self-employed	49	-	7	15	15	12
Retail trade	28	-	-	15	8	5
All other industries	21	-	7	-	7	7
Sales workers	131	6	6	42	61	16
Manufacturing and wholesale trade	29	-	-	-	22	7
Retail trade	48	6	-	35	7	-
All other industries	54	-	6	7	32	9
Clerical and kindred workers	242	30	26	104	25	57
Bookkeepers and billing clerks	22	-	8	7	7	-
Mail handlers and postal clerks	-	-	-	-	-	-
Other clerical and kindred workers	220	30	18	97	18	57
Craftsmen and kindred workers	1 193	361	336	392	91	13
Carpenters	70	27	25	6	12	-
Construction craftsmen, except carpenters	399	138	84	149	28	-
Automobile mechanics, including body repairmen	70	-	37	9	24	-
Mechanics and repairmen, except auto	164	37	29	86	12	-
Machinists	47	8	12	19	-	8
Metal craftsmen, except mechanics and machinists	60	10	18	32	-	-
Foremen, n.e.c	114	27	42	36	9	-
Other craftsmen and kindred workers	269	114	89	55	6	5
Operatives, except transport	412	102	115	178	20	5
Assemblers	8	-	8	-	-	-
Garage workers and gas station attendants	61	-	37	24	-	-
Laundry and drycleaning operatives, including ironers	7	-	-	-	7	-
Precision machine operatives	8	-	8	-	-	-
Other operatives, except transport	328	102	62	146	13	5
Durable goods, manufacturing	42	6	12	24	-	-
Nondurable goods, including not specified manufacturing	94	35	30	29	-	-
Nonmanufacturing industries	192	61	20	93	13	5
Transport equipment operatives	433	166	134	116	17	-
Truck drivers	274	126	82	66	-	-
Other transport equipment operatives	159	40	52	50	17	-
Laborers, except farm	347	153	85	95	14	-
Construction laborers	104	36	36	32	-	-
Freight, stock, and material handlers	96	8	21	59	8	-
Other laborers, except farm	147	109	28	4	6	-
Manufacturing industries	18	13	5	-	-	-
Farmers and farm managers	29	11	6	12	-	-
Farm laborers and farm foremen	109	78	23	-	8	-
Service workers, except private household[1]	527	175	132	181	39	-
Cleaning service workers	207	130	26	44	7	-
Food service workers	160	41	62	44	13	-
Health service workers	6	-	-	-	6	-
Personal service workers	35	4	7	24	-	-
Protective service workers	111	-	29	69	13	-
Private household workers	5	-	5	-	-	-
Female employed, 16 years old and over	**2 307**	**362**	**461**	**975**	**325**	**184**
Professional, technical, and kindred workers	248	-	8	56	74	110
Registered nurses	35	-	-	8	22	5
Health workers, except nurses	26	-	8	5	7	6
Teachers, elementary and secondary schools	59	-	-	12	7	40
Technicians, except health	4	-	-	-	-	4
Other professional, technical, and kindred workers	124	-	-	31	38	55
Managers and administrators, except farm	18	-	-	5	8	5
Salaried	18	-	-	5	8	5
Self-employed	-	-	-	-	-	-
Sales workers	225	15	46	132	12	20
Retail trade	175	6	46	105	12	6
Clerical and kindred workers	675	28	80	376	142	49
Bookkeepers and cashiers	122	7	10	58	28	19
Office machine operators	7	-	-	7	-	-
Secretaries, stenographers, and typists	201	-	11	112	73	5
Other clerical and kindred workers	345	21	59	199	41	25
Craftsmen and kindred workers	44	13	14	8	9	-
Operatives, except transport	173	61	65	40	7	-
Sewers and stitchers	26	-	13	13	-	-
Laundry and drycleaning operatives, including ironers	20	13	7	-	-	-
Other operatives, except transport	127	48	45	27	7	-
Durable goods, manufacturing	-	-	-	-	-	-
Nondurable goods, including not specified manufacturing	78	16	35	27	-	-
Nonmanufacturing industries	49	32	10	-	7	-
Transport equipment operatives	7	-	-	7	-	-
Laborers, except farm	64	23	13	21	7	-
Farmers and farm managers	-	-	-	-	-	-
Farm laborers and farm foremen	8	8	-	-	-	-
Service workers, except private household[1]	790	196	205	323	66	-
Cleaning service workers	182	81	66	35	-	-
Food service workers	424	76	116	206	26	-
Health service workers	56	8	8	32	8	-
Practical nurses	13	-	-	5	8	-
Personal service workers	116	26	15	43	32	-
Protective service workers	7	-	-	7	-	-
Private household workers	55	18	30	7	-	-

[1]Includes allocated cases not shown separately.

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Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing: Total	Manufacturing: Durable goods: Furniture, lumber, and wood products	Durable goods: Stone, clay, and glass products	Durable goods: Primary ferrous industries	Durable goods: Primary nonferrous industries	Durable goods: Fabricated metal industries, including not specified metal	Durable goods: Machinery, except electrical	Durable goods: Electrical machinery, equipment, and supplies
THE STATE												
Total employed	**285 556**	**13 166**	**326**	**26 638**	**31 159**	**942**	**1 003**	**246**	**23**	**643**	**758**	**284**
Professional, technical, and kindred workers	**45 544**	**491**	**35**	**1 113**	**2 557**	**28**	**66**	**6**	–	**35**	**60**	**126**
Accountants	3 511	26	–	161	300	10	16	6	–	4	5	5
Architects	363	20	–	–	17	–	–	–	–	–	–	–
Computer specialists	1 008	–	–	–	93	–	3	–	–	–	24	4
Engineers	3 697	21	–	435	519	–	11	–	–	4	5	33
Chemical	26	–	–	–	10	–	–	–	–	–	–	–
Civil	1 084	4	–	304	35	–	6	–	–	–	–	–
Electrical and electronic	1 133	–	–	55	176	–	–	–	–	–	–	24
Industrial	418	–	–	21	71	–	–	–	–	4	–	–
Mechanical	391	–	–	41	112	–	5	–	–	–	5	–
Other engineers	645	17	–	14	115	–	–	–	–	–	–	9
Mathematical specialists	135	–	–	–	5	–	–	–	–	–	–	–
Life and physical scientists	794	83	6	3	118	–	4	–	–	–	–	6
Chemists	199	5	–	–	92	–	4	–	–	–	–	–
Personnel and labor relations workers	1 368	36	7	48	138	–	–	–	–	5	11	–
Social scientists	453	–	–	12	26	–	6	–	–	–	–	–
Engineering and science technicians	3 143	68	22	294	465	5	11	–	–	22	5	71
Draftsmen	1 020	–	5	154	92	–	–	–	–	22	–	10
Electrical and electronic engineering technicians	1 001	–	–	36	129	–	–	–	–	–	5	61
Industrial and mechanical engineering technicians	55	–	11	5	27	–	–	–	–	–	–	–
Technicians, except health, and engineering and science	1 232	8	–	10	10	–	–	–	–	–	–	–
Writers, artists, and entertainers	3 557	15	–	33	549	13	9	–	–	–	4	7
Other professional, technical, and kindred workers	26 283	124	–	119	317	–	8	–	–	–	6	10
Managers and administrators, except farm	**25 457**	**100**	**13**	**2 279**	**1 748**	**102**	**61**	–	–	**35**	**63**	**13**
Buyers, purchasing agents, and sales managers	2 379	5	4	63	227	–	11	–	–	–	11	–
Other managers and administrators	23 078	95	9	2 216	1 521	102	50	–	–	35	52	13
Salaried	20 089	77	9	1 832	1 320	81	50	–	–	20	52	13
Self-employed	2 989	18	–	384	201	21	–	–	–	15	–	–
Sales workers	**19 393**	**26**	–	**141**	**1 642**	**49**	**26**	–	**5**	**26**	**65**	**42**
Clerical and kindred workers	**52 162**	**314**	**16**	**1 828**	**3 293**	**123**	**100**	**20**	**8**	**33**	**134**	**38**
Bookkeepers	4 551	48	6	305	353	10	–	–	–	17	16	5
Cashiers	3 404	–	–	7	34	–	–	–	–	–	–	–
Estimators and investigators, n.e.c	1 229	–	–	258	158	23	5	–	–	4	16	–
Office machine operators	1 701	11	–	32	93	–	7	–	–	–	4	–
Shipping and receiving clerks	517	–	–	–	117	12	–	–	–	–	–	–
Stock clerks and storekeepers	2 329	36	–	32	280	9	7	–	–	6	16	13
Other clerical and kindred workers	38 431	219	10	1 194	2 258	69	81	20	8	6	82	12
Craftsmen and kindred workers	**43 920**	**1 011**	**95**	**15 337**	**9 086**	**298**	**297**	**74**	–	**202**	**252**	**53**
Blacksmiths, forgemen, hammermen, and boilermakers	209	–	–	21	131	–	–	–	–	–	–	–
Brickmasons and stonemasons	1 138	14	–	1 003	35	–	5	–	–	–	–	–
Carpenters	5 879	109	15	4 621	440	81	15	–	–	–	18	–
Cranemen, derrickmen, and hoistmen	946	53	–	328	407	–	33	16	–	3	9	–
Electricians	2 254	42	–	992	466	–	7	5	–	–	–	–
Excavating, grading, and road machine operators	1 796	100	9	1 199	322	–	11	–	–	–	4	–
Foremen, n.e.c	4 975	79	10	1 109	1 560	51	68	13	–	48	29	12
Mechanics and repairmen	9 525	343	28	702	1 809	–	83	–	–	47	83	29
Automobile, including body	3 400	168	11	75	346	–	25	–	–	–	–	–
Machinists, job setters, and toolmakers	1 177	52	4	27	705	–	–	5	–	9	68	–
Metal craftsmen, except mechanics and machinists	807	6	–	327	300	–	4	23	–	71	20	–
Painters, construction and maintenance, and plasterers and paperhangers	1 844	48	–	1 173	168	8	–	–	–	–	–	–
Plumbers and pipe fitters	1 938	34	–	971	392	–	–	5	–	–	7	–
Printing craftsmen	883	–	–	3	751	–	–	–	–	–	3	–
Stationary engineers and power station operators	643	20	–	26	168	5	10	–	–	–	5	–
Other craftsmen and kindred workers	9 906	111	29	2 835	1 432	153	61	7	–	24	6	12
Operatives, except transport	**21 346**	**350**	**88**	**1 427**	**9 226**	**242**	**235**	**105**	**7**	**210**	**125**	**10**
Assemblers	206	–	–	15	158	57	13	–	7	10	17	–
Checkers, examiners, and inspectors; manufacturing	261	–	–	–	261	–	–	6	–	14	–	10
Filers, polishers, sanders, and buffers	72	–	–	–	45	22	–	–	–	10	–	–
Painters, manufactured articles	238	–	–	–	71	5	4	–	–	–	6	–
Precision machine operatives	93	7	–	17	65	3	7	6	–	6	9	–
Welders and flamecutters	1 722	106	10	512	662	–	40	11	–	23	45	–
Other specified operatives	13 414	129	78	692	4 819	114	49	39	–	48	5	–
Machine operatives, miscellaneous specified	1 577	34	–	64	1 141	9	58	5	–	37	12	–
Machine operatives, not specified	500	13	–	30	321	–	18	–	–	35	11	–
Miscellaneous operatives	2 741	61	–	82	1 304	27	16	9	–	16	17	–
Not specified operatives	522	–	–	15	379	5	30	29	–	11	3	–

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing							
						Durable goods						
					Total	Furniture, lumber, and wood products	Stone, clay, and glass products	Primary ferrous industries	Primary nonferrous industries	Fabricated metal industries, including not specified metal	Machinery, except electrical	Electrical machinery, equipment, and supplies
THE STATE—Continued												
Total employed—Continued												
Transport equipment operatives	10 079	778	63	894	1 933	34	144	-	-	14	18	-
Deliverymen and routemen	1 762	30	-	39	369	16	-	-	-	-	-	-
Truck drivers	4 970	683	63	679	1 221	14	130	-	-	-	18	-
Other transport equipment operatives	3 347	65	-	176	343	4	14	-	-	14	-	-
Laborers, except farm	14 321	826	13	3 441	1 655	57	63	36	3	65	37	-
Freight, stock, and material handlers	5 007	8	4	111	718	35	8	12	-	29	21	-
Other specified laborers	7 904	792	9	3 320	496	8	23	5	-	7	-	-
Miscellaneous laborers	281	15	-	-	64	-	-	5	-	4	11	-
Not specified laborers	1 129	11	-	10	377	14	32	14	3	25	5	-
Farm workers	9 248	9 248	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	44 086	112	5	176	619	9	11	5	-	23	4	-
Cleaning service workers	8 697	64	5	130	340	5	11	5	-	17	4	-
Personal service workers	5 933	10	-	-	9	-	-	-	-	-	-	-
Guards and watchmen	1 087	-	-	10	57	-	-	-	-	6	-	-
Other service workers, including private household	28 369	38	-	36	213	4	-	-	-	-	-	-
Female employed	116 616	2 336	31	1 692	9 186	232	91	13	3	105	110	17
Professional, technical, and kindred workers	19 978	22	7	105	487	9	8	-	-	-	11	4
Accountants	1 241	-	-	69	66	-	-	-	-	-	5	-
Computer specialists	237	-	-	-	17	-	3	-	-	-	-	-
Life and physical scientists	86	-	-	-	11	-	-	-	-	-	-	-
Registered nurses, dietitians, and therapists	3 081	-	-	5	8	-	-	-	-	-	-	-
Social scientists	95	-	-	-	-	-	-	-	-	-	-	-
Writers, artists, and entertainers	1 324	9	-	5	197	4	-	-	-	-	-	-
Other professional, technical, and kindred workers	13 914	13	7	26	188	5	5	-	-	-	6	4
Managers and administrators, except farm	5 739	10	-	63	282	16	-	-	-	5	5	-
Salaried	4 970	6	-	59	241	16	-	-	-	-	5	-
Self-employed	769	4	-	4	41	-	-	-	-	5	-	-
Sales workers	10 670	20	-	38	310	33	5	-	-	5	-	-
Clerical and kindred workers	38 955	189	11	1 217	2 667	75	67	9	3	23	78	13
Bookkeepers	3 547	36	6	205	243	6	-	-	-	17	11	5
Cashiers	3 082	-	-	7	16	-	-	-	-	-	-	-
Counter clerks, except food	821	-	-	-	44	-	-	5	-	-	-	-
File clerks	980	-	-	19	118	6	4	-	-	-	4	-
Office machine operators	1 178	11	-	32	72	-	7	-	-	-	4	-
Bookkeeping and billing machine operators	185	-	-	-	8	-	-	-	-	-	-	-
Receptionists	1 262	10	-	40	38	-	-	-	-	-	5	-
Secretaries	7 826	35	5	483	494	29	31	4	-	6	22	8
Stenographers	1 472	5	-	21	29	-	-	-	-	-	-	-
Typists	4 822	11	-	82	175	5	3	-	3	-	7	-
Other clerical and kindred workers	14 765	81	-	328	838	29	22	-	-	-	25	-
Craftsmen and kindred workers	2 813	16	4	135	720	23	-	-	-	13	3	-
Foremen, n.e.c.	594	4	4	12	247	6	-	-	-	13	-	-
Operatives, except transport	8 962	87	9	31	4 932	76	6	4	-	55	9	-
Assemblers	66	-	-	-	50	10	-	-	-	4	6	-
Checkers, examiners, and inspectors; manufacturing	152	-	-	-	152	-	-	-	-	9	-	-
Packers and wrappers, except meat and produce	1 336	34	-	-	895	5	-	-	-	-	-	-
Other operatives, except transport	7 408	53	9	31	3 835	61	6	4	-	42	3	-
Transport equipment operatives	425	17	-	2	41	-	5	-	-	-	-	-
Laborers, except farm	1 637	61	-	70	145	-	-	-	-	4	-	-
Farm workers	1 895	1 895	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	26 942	19	-	31	202	-	-	-	-	-	4	-
Cleaning service workers	4 312	14	-	24	79	-	-	-	-	-	4	-
Personal service workers	3 785	-	-	-	4	-	-	-	-	-	-	-
Other service workers, including private household	18 845	5	-	7	119	-	-	-	-	-	-	-

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

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

	Manufacturing—Continued												
	Durable goods—Continued					Nondurable goods							
	Motor vehicles and motor vehicle equipment	Aircraft and parts	Other transportation equipment	Ordnance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing, and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other nondurable goods, incl. not specified manufacturing
THE STATE													
Total employed	87	70	4 181	51	1 590	13 179	146	2 601	308	2 461	525	186	1 875
Professional, technical, and kindred workers	14	28	601	19	96	773	17	91	17	386	46	-	138
Accountants	5	-	19	-	10	154	-	-	12	24	30	-	-
Architects	-	-	17	-	-	-	-	-	-	-	-	-	-
Computer specialists	-	-	15	-	5	32	-	-	-	-	10	-	-
Engineers	4	15	303	-	9	124	-	-	-	5	6	-	-
Chemical	-	-	4	-	-	-	-	-	-	-	6	-	-
Civil	-	-	14	-	5	10	-	-	-	-	-	-	-
Electrical and electronic	-	4	136	-	-	7	-	-	-	5	-	-	-
Industrial	-	-	28	-	-	39	-	-	-	-	-	-	-
Mechanical	-	-	88	-	-	14	-	-	-	-	-	-	-
Other engineers	4	11	33	-	4	54	-	-	-	-	-	-	-
Mathematical specialists	-	5	-	-	-	-	-	-	-	-	-	-	-
Life and physical scientists	-	-	22	-	-	86	-	-	-	-	-	-	-
Chemists	-	-	22	-	-	66	-	-	-	4	-	-	-
Personnel and labor relations workers	5	5	37	-	-	71	-	-	-	-	-	-	-
Social scientists	-	-	-	-	-	20	-	-	-	4	-	-	23
Engineering and science technicians	-	3	110	13	5	187	-	6	-	-	-	-	-
Draftsmen	-	-	21	-	-	33	-	6	-	-	-	-	5
Electrical and electronic engineering technicians	-	3	42	13	-	-	-	-	-	-	-	-	4
Industrial and mechanical engineering technicians	-	-	23	-	-	-	-	-	-	-	-	-	-
Technicians, except health, and engineering and science	-	-	5	-	-	5	-	-	-	-	-	-	4
Writers, artists, and entertainers	-	-	15	-	16	40	17	85	5	334	-	-	111
Other professional, technical, and kindred workers	-	-	58	6	51	54	-	-	-	15	-	-	-
Managers and administrators, except farm	4	9	91	6	138	507	24	153	29	305	97	39	72
Buyers, purchasing agents, and sales managers	-	4	-	-	9	66	9	18	4	90	5	-	-
Other managers and administrators	4	5	91	6	129	441	15	135	25	215	92	39	72
Salaried	-	5	91	6	79	400	15	122	25	183	82	34	62
Self-employed	4	-	-	-	50	41	-	13	-	32	10	5	10
Sales workers	5	-	-	-	45	188	4	80	22	252	79	6	148
Clerical and kindred workers	16	18	459	5	178	1 154	20	112	53	489	111	41	187
Bookkeepers	5	-	43	-	25	113	10	28	5	45	15	-	16
Cashiers	-	-	-	-	-	17	-	-	-	5	-	12	-
Estimators and investigators, n.e.c	5	4	61	-	-	21	-	-	-	14	5	-	-
Office machine operators	-	-	11	-	9	29	-	-	-	15	13	-	5
Shipping and receiving clerks	-	-	-	-	-	66	-	24	-	-	-	5	10
Stock clerks and storekeepers	-	-	84	5	4	96	-	-	11	6	5	5	13
Other clerical and kindred workers	6	14	260	-	140	812	10	60	39	404	73	19	143
Craftsmen and kindred workers	14	9	2 312	7	504	3 541	20	224	53	811	79	40	296
Blacksmiths, forgemen, hammermen, and boilermakers	-	-	88	-	-	38	-	-	-	5	-	-	-
Brickmasons and stonemasons	-	-	-	-	-	30	-	-	-	-	-	-	-
Carpenters	-	4	181	-	10	131	-	-	-	-	-	-	-
Cranemen, derrickmen, and hoistmen	8	-	32	-	-	278	-	-	5	5	18	-	-
Electricians	-	-	306	-	-	143	-	-	-	5	-	-	-
Excavating, grading, and road machine operators	-	-	-	-	-	298	-	-	3	-	-	-	6
Foremen, n.e.c	-	-	207	-	31	914	-	75	5	49	26	15	17
Mechanics and repairmen	6	-	391	7	12	1 021	-	34	28	22	20	6	20
Automobile, including body	-	-	24	-	7	284	-	-	-	-	6	-	-
Machinists, job setters, and toolmakers	-	5	377	-	6	211	-	-	-	-	5	10	9
Metal craftsmen, except mechanics and machinists	-	-	160	-	-	18	-	-	-	4	-	-	-
Painters, construction and maintenance, and plasterers and paperhangers	-	-	64	-	-	76	5	-	-	6	5	4	-
Plumbers and pipe fitters	-	-	287	-	10	78	-	-	-	-	-	-	5
Printing craftsmen	-	-	-	-	4	6	11	-	12	710	-	-	5
Stationary engineers and power station operators	-	-	15	-	-	124	-	-	-	-	-	5	4
Other craftsmen and kindred workers	-	-	204	-	431	175	4	115	-	5	5	-	230
Operatives, except transport	31	-	484	5	412	4 236	40	1 882	110	160	68	38	826
Assemblers	-	-	-	-	14	28	-	-	-	5	-	-	7
Checkers, examiners, and inspectors; manufacturing	6	-	21	5	-	130	-	32	-	4	2	-	31
Filers, polishers, sanders, and buffers	-	-	-	-	13	-	-	-	-	-	-	-	-
Painters, manufactured articles	5	-	22	-	5	24	-	-	-	-	-	-	-
Precision machine operatives	-	-	25	-	-	9	-	-	-	-	5	-	15
Welders and flamecutters	10	-	239	-	4	270	-	-	-	-	36	27	712
Other specified operatives	-	-	55	-	233	1 617	40	1 776	24	44	59	14	33
Machine operatives, miscellaneous specified	10	-	62	-	66	691	-	28	51	59	14	6	-
Machine operatives, not specified	-	-	-	-	-	205	-	-	23	24	-	5	-
Miscellaneous operatives	-	-	52	-	60	1 008	-	39	7	24	11	-	18
Not specified operatives	-	-	8	-	17	254	-	7	5	-	-	-	10

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Manufacturing—Continued												
	Durable goods—Continued					Nondurable goods							
	Motor vehicles and motor vehicle equipment	Aircraft and parts	Other transportation equipment	Ordnance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing, and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other nondurable goods, incl. not specified manufacturing
THE STATE—Continued													
Total employed—Continued													
Transport equipment operatives	-	-	45	-	31	1 457	16	17	15	35	26	16	65
Deliverymen and routemen	-	-	-	-	12	291	-	8	15	16	5	-	6
Truck drivers	-	-	35	-	4	934	10	9	-	19	21	16	11
Other transport equipment operatives	-	-	10	-	15	232	6	-	-	-	-	-	48
Laborers, except farm	3	-	134	9	107	968	5	22	7	7	19	6	107
Freight, stock, and material handlers	-	-	52	9	-	510	-	22	7	4	9	-	-
Other specified laborers	-	-	43	-	84	222	-	-	-	3	-	-	101
Miscellaneous laborers	-	-	4	-	-	40	-	-	-	-	-	-	-
Not specified laborers	3	-	35	-	23	196	5	-	-	-	10	6	6
Farm workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	-	6	55	-	79	355	-	20	-	16	-	-	36
Cleaning service workers	-	6	21	-	31	200	-	20	-	16	-	-	4
Personal service workers	-	-	-	-	4	5	-	-	-	-	-	-	-
Guards and watchmen	-	-	9	-	-	42	-	-	-	-	-	-	-
Other service workers, including private household	-	-	25	-	44	108	-	-	-	-	-	-	32
Female employed	25	14	281	5	547	3 445	75	2 296	88	864	178	52	745
Professional, technical, and kindred workers	-	-	34	-	34	123	17	76	6	114	13	-	38
Accountants	-	-	4	-	10	20	-	-	6	8	13	-	-
Computer specialists	-	-	5	-	-	9	-	-	-	-	-	-	-
Life and physical scientists	-	-	-	-	-	11	-	-	-	-	-	-	-
Registered nurses, dietitians, and therapists	-	-	-	-	8	-	-	-	-	-	-	-	-
Social scientists	-	-	-	-	-	-	-	-	-	-	-	-	-
Writers, artists, and entertainers	-	-	-	-	11	-	17	70	-	91	-	-	4
Other professional, technical, and kindred workers	-	-	25	-	5	83	-	6	-	15	-	-	34
Managers and administrators, except farm	-	-	8	-	55	34	5	57	5	63	9	-	20
Salaried	-	-	8	-	39	19	5	52	5	63	9	-	20
Self-employed	-	-	-	-	16	15	-	5	-	-	-	-	-
Sales workers	-	-	-	-	35	66	-	45	-	61	15	-	45
Clerical and kindred workers	11	14	195	5	130	666	20	89	45	383	101	30	110
Bookkeepers	-	-	29	-	15	69	10	20	-	35	15	-	11
Cashiers	-	-	-	-	-	5	-	-	-	5	-	6	-
Counter clerks, except food	-	-	-	-	-	4	-	-	-	30	-	5	-
File clerks	-	-	15	-	-	49	-	-	11	29	-	-	-
Office machine operators	-	-	5	-	9	24	-	-	-	10	13	-	-
Bookkeeping and billing machine operators	-	-	-	-	-	4	-	-	-	-	4	-	-
Receptionists	-	-	-	-	10	15	-	-	-	4	4	-	-
Secretaries	-	8	56	-	25	162	5	11	14	72	27	4	10
Stenographers	-	6	-	-	-	23	-	-	-	-	-	-	-
Typists	6	-	32	-	3	39	-	-	5	51	15	-	6
Other clerical and kindred workers	5	-	58	5	68	276	5	58	15	147	27	15	83
Craftsmen and kindred workers	8	-	32	-	55	198	6	179	-	160	11	-	32
Foremen, n.e.c.	-	-	16	-	15	124	-	62	-	5	6	-	-
Operatives, except transport	6	-	5	-	204	2 070	27	1 844	32	77	29	22	466
Assemblers	-	-	-	-	11	12	-	-	-	-	-	-	7
Checkers, examiners, and inspectors; manufacturing	-	-	-	-	-	107	-	32	-	4	-	-	-
Packers and wrappers, except meat and produce	-	-	-	-	28	798	-	22	16	11	15	-	-
Other operatives, except transport	6	-	5	-	165	1 153	27	1 790	16	62	14	22	459
Transport equipment operatives	-	-	-	-	-	36	-	-	-	-	-	-	-
Laborers, except farm	-	-	-	-	11	110	-	-	-	-	-	-	20
Farm workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	-	-	7	-	22	142	-	6	-	6	-	-	14
Cleaning service workers	-	-	-	-	3	60	-	6	-	6	-	-	-
Personal service workers	-	-	-	-	4	-	-	-	-	-	-	-	-
Other service workers, including private household	-	-	7	-	16	82	-	-	-	-	-	-	14

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communications	Utilities and sanitary services	Wholesale trade	Retail trade: General merchandise retailing	Retail trade: Food stores	Retail trade: Automotive dealers and gasoline stations	Retail trade: Eating and drinking places	Retail trade: Other retail trade	Insurance	Finance and real estate
THE STATE													
Total employed	**50**	**2 596**	**10 738**	**5 316**	**5 631**	**11 303**	**8 081**	**6 757**	**6 659**	**12 673**	**16 160**	**3 789**	**11 153**
Professional, technical, and kindred workers	**-**	**34**	**805**	**1 204**	**660**	**618**	**287**	**61**	**75**	**217**	**582**	**168**	**617**
Accountants	-	14	112	23	44	208	78	30	41	30	91	71	257
Architects	-	-	-	-	-	-	-	-	-	-	5	-	20
Computer specialists	-	-	4	30	14	47	4	-	4	-	5	10	89
Engineers	-	3	108	450	176	106	20	-	-	4	5	5	17
Chemical	-	-	-	-	-	6	-	-	-	-	-	-	-
Civil	-	-	-	-	51	11	-	-	-	-	-	-	11
Electrical and electronic	-	-	-	427	84	9	-	-	-	-	-	-	-
Industrial	-	-	24	9	10	18	15	-	-	4	-	5	6
Mechanical	-	-	69	-	19	10	5	-	-	-	-	-	-
Other engineers	-	3	15	14	12	52	-	-	-	-	5	-	-
Mathematical specialists	-	-	10	14	-	-	-	-	5	-	-	22	10
Life and physical scientists	-	-	-	9	22	4	-	-	-	-	-	-	-
Chemists	-	-	-	-	5	4	-	-	-	-	-	-	-
Personnel and labor relations workers	-	13	52	40	15	33	75	17	10	20	53	40	41
Social scientists	-	-	6	4	3	14	-	-	4	-	9	-	22
Engineering and science technicians	-	-	45	422	99	69	-	-	6	-	33	-	22
Draftsmen	-	-	9	40	51	25	-	-	-	-	28	-	5
Electrical and electronic engineering technicians	-	-	14	341	21	39	-	-	6	-	-	-	-
Industrial and mechanical engineering technicians	-	-	-	-	-	-	-	-	-	-	-	-	-
Technicians, except health, and engineering and science	-	-	366	41	4	13	6	-	-	-	8	-	6
Writers, artists, and entertainers	-	4	70	161	42	76	68	5	5	163	67	7	51
Other professional, technical, and kindred workers	-	-	32	10	239	56	36	9	-	-	310	13	82
Managers and administrators, except farm	**5**	**213**	**1 111**	**548**	**329**	**1 853**	**748**	**794**	**909**	**1 170**	**2 466**	**367**	**2 584**
Buyers, purchasing agents, and sales managers	-	5	99	8	26	381	298	112	96	32	453	33	53
Other managers and administrators	5	208	1 012	540	303	1 472	450	682	813	1 138	2 013	334	2 531
Salaried	5	139	986	540	285	1 256	399	429	547	811	1 524	329	2 383
Self-employed	-	69	26	-	18	216	51	253	266	327	489	5	148
Sales workers	**11**	**36**	**137**	**52**	**54**	**2 248**	**3 701**	**1 331**	**850**	**124**	**5 745**	**1 255**	**1 911**
Clerical and kindred workers	**16**	**404**	**2 825**	**1 680**	**903**	**2 469**	**1 773**	**1 485**	**775**	**730**	**2 091**	**1 344**	**4 851**
Bookkeepers	-	58	124	56	35	421	176	87	283	103	283	63	466
Cashiers	-	-	17	8	26	48	478	1 006	63	480	367	14	103
Estimators and investigators, n.e.c	-	5	38	29	54	5	42	-	32	4	21	35	185
Office machine operators	-	5	15	42	18	79	40	7	25	3	21	35	256
Shipping and receiving clerks	5	27	88	5	-	68	23	22	-	-	34	4	3
Stock clerks and storekeepers	-	16	109	36	38	209	287	131	47	23	145	-	22
Other clerical and kindred workers	11	293	2 434	1 504	732	1 639	727	232	325	117	1 220	1 193	3 816
Craftsmen and kindred workers	**-**	**306**	**1 247**	**1 661**	**1 821**	**1 384**	**318**	**305**	**1 191**	**61**	**1 511**	**10**	**178**
Blacksmiths, forgemen, hammermen, and boilermakers	-	-	-	-	22	9	-	-	-	-	-	-	-
Brickmasons and stonemasons	-	-	-	-	4	18	-	-	-	-	-	-	4
Carpenters	-	18	14	5	5	38	19	-	-	-	69	-	52
Cranemen, derrickmen, and hoistmen	-	16	40	5	23	18	-	-	-	-	7	-	5
Electricians	-	-	62	24	144	5	-	-	-	-	33	-	4
Excavating, grading, and road machine operators	-	17	-	-	5	6	-	-	11	-	-	-	17
Foremen, n.e.c	-	151	128	36	265	423	106	21	99	8	226	10	27
Mechanics and repairmen	-	90	876	137	143	455	66	6	1 075	20	373	-	16
Automobile, including body	-	51	94	42	29	83	19	-	1 031	-	38	-	-
Machinists, job setters, and toolmakers	-	4	19	-	47	14	-	-	-	-	22	-	-
Metal craftsmen, except mechanics and machinists	-	-	4	-	9	23	-	5	-	-	5	-	5
Painters, construction and maintenance, and plasterers and paperhangers	-	-	15	4	6	-	-	-	-	4	28	-	4
Plumbers and pipe fitters	-	-	-	7	107	10	-	-	-	-	40	-	14
Printing craftsmen	-	-	5	-	4	4	-	-	-	-	4	-	13
Stationary engineers and power station operators	-	-	10	4	304	11	-	-	-	5	-	-	8
Other craftsmen and kindred workers	-	10	74	1 439	733	350	127	273	6	24	704	-	9
Operatives, except transport	**-**	**156**	**702**	**30**	**337**	**1 042**	**195**	**867**	**2 022**	**83**	**1 046**	**10**	**42**
Assemblers	-	-	-	-	-	17	-	-	-	5	-	-	-
Checkers, examiners, and inspectors; manufacturing	-	-	-	-	-	-	-	-	-	-	-	-	-
Filers, polishers, sanders, and buffers	-	-	-	-	-	5	-	-	-	-	8	-	-
Painters, manufactured articles	-	-	-	-	-	-	-	-	37	-	6	-	-
Precision machine operatives	-	-	-	-	-	-	-	-	-	-	-	-	-
Welders and flamecutters	-	28	28	11	34	47	6	-	-	-	4	-	4
Other specified operatives	-	103	327	11	231	750	178	743	1 908	33	936	-	12
Machine operatives, miscellaneous specified	-	8	4	-	12	81	11	7	22	32	10	4	-
Machine operatives, not specified	-	-	21	-	6	32	-	-	6	-	4	-	21
Miscellaneous operatives	-	17	315	8	44	110	-	108	38	13	51	6	5
Not specified operatives	-	-	7	-	10	-	-	9	11	-	27	-	-

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communications	Utilities and sanitary services	Wholesale trade	Retail trade: General merchandise retailing	Retail trade: Food stores	Retail trade: Automotive dealers and gasoline stations	Retail trade: Eating and drinking places	Retail trade: Other retail trade	Insurance	Finance and real estate
THE STATE—Continued													
Total employed—Continued													
Transport equipment operatives	5	1 125	1 579	17	427	927	154	143	117	87	310	-	62
Deliverymen and routemen	-	80	16	5	6	471	105	111	95	50	145	-	-
Truck drivers	5	1 004	121	12	147	331	37	27	15	13	90	-	4
Other transport equipment operatives	-	41	1 442	-	274	125	12	5	7	24	75	-	58
Laborers, except farm	-	309	806	33	769	676	355	1 348	63	69	474	-	224
Freight, stock, and material handlers	-	260	659	16	314	461	334	1 316	9	36	196	-	-
Other specified laborers	-	25	122	17	336	92	4	7	38	15	242	-	169
Miscellaneous laborers	-	5	-	-	99	25	-	-	-	-	23	-	6
Not specified laborers	-	19	25	-	20	98	17	25	16	18	13	-	49
Farm workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	13	13	1 526	91	331	86	550	423	57	10 132	1 935	35	682
Cleaning service workers	-	-	168	43	80	52	174	108	57	352	166	25	398
Personal service workers	13	-	1 003	5	2	3	57	-	-	103	84	10	26
Guards and watchmen	-	-	27	33	34	8	20	11	-	35	8	-	63
Other service workers, including private household	-	13	328	10	215	23	299	304	-	9 842	1 677	-	195
Female employed	12	360	2 772	1 706	716	3 490	5 627	3 394	1 664	8 734	9 468	1 458	6 089
Professional, technical, and kindred workers	-	13	82	133	59	134	135	20	25	77	215	80	196
Accountants	-	9	70	13	10	54	44	15	21	23	43	33	99
Computer specialists	-	-	-	15	14	-	-	-	4	-	-	-	21
Life and physical scientists	-	-	-	-	-	-	-	-	-	-	-	-	-
Registered nurses, dietitians, and therapists	-	-	-	-	-	-	-	-	-	-	-	-	-
Social scientists	-	-	-	-	-	6	-	-	-	-	9	-	4
Writers, artists, and entertainers	-	4	-	34	5	42	49	-	-	44	36	-	10
Other professional, technical, and kindred workers	-	-	12	71	30	32	42	5	-	10	127	47	62
Managers and administrators, except farm	-	15	286	52	20	242	301	206	79	479	920	64	664
Salaried	-	10	282	52	20	220	271	97	52	339	742	64	621
Self-employed	-	5	4	-	-	22	30	109	27	140	178	-	43
Sales workers	5	9	75	16	36	360	3 024	1 076	46	110	4 206	193	698
Clerical and kindred workers	7	274	1 396	1 437	455	1 948	1 494	1 194	610	649	1 749	1 084	4 153
Bookkeepers	-	58	95	43	23	356	150	71	230	82	238	52	366
Cashiers	-	-	17	8	16	42	457	913	45	442	334	14	87
Counter clerks, except food	-	-	29	23	-	73	39	6	5	22	10	-	-
File clerks	-	4	14	15	7	49	31	9	18	-	47	79	87
Office machine operators	-	5	5	17	18	76	31	7	21	3	21	19	192
Bookkeeping and billing machine operators	-	-	-	7	-	25	-	-	4	-	-	-	89
Receptionists	-	-	57	12	-	17	36	-	7	4	24	12	77
Secretaries	3	64	243	92	59	481	121	35	51	31	175	358	715
Stenographers	-	-	41	12	34	12	4	-	-	-	-	18	72
Typists	-	58	46	164	76	207	46	23	42	-	96	231	349
Other clerical and kindred workers	4	85	849	1 046	222	627	579	130	191	65	804	301	2 208
Craftsmen and kindred workers	-	9	22	53	38	181	118	58	22	12	235	10	16
Foremen, n.e.c.	-	3	5	6	10	39	69	7	10	3	36	10	7
Operatives, except transport	-	4	15	-	-	576	152	344	223	60	741	4	15
Assemblers	-	-	-	-	-	11	-	-	-	5	-	-	-
Checkers, examiners, and inspectors; manufacturing	-	-	-	-	-	-	-	-	-	-	-	-	-
Packers and wrappers, except meat and produce	-	4	-	-	-	234	32	69	-	12	39	-	-
Other operatives, except transport	-	-	15	-	-	331	120	275	223	43	702	4	15
Transport equipment operatives	-	21	159	-	40	43	-	8	25	-	13	-	-
Laborers, except farm	-	10	27	-	-	76	56	212	17	11	66	-	28
Farm workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	-	5	718	15	68	18	347	276	17	7 336	1 323	23	319
Cleaning service workers	-	-	40	10	5	11	39	25	17	85	36	13	197
Personal service workers	-	-	534	5	2	3	46	-	-	43	73	10	15
Other service workers, including private household	-	5	136	-	61	4	262	251	-	7 208	1 214	-	107

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Business services	Repair services	Hotels and lodging places	Other personal services, including private household	Entertainment and recreation services	Hospitals	Health services, except hospitals	Educational services, government	Educational services, private	Welfare, religious, and nonprofit membership organizations	Other professional and related services	Public administration
THE STATE												
Total employed	**4 064**	**4 483**	**11 138**	**9 453**	**3 754**	**8 249**	**4 956**	**18 667**	**4 665**	**3 902**	**8 736**	**32 494**
Professional, technical, and kindred workers	**773**	**191**	**465**	**242**	**1 172**	**3 481**	**2 119**	**11 946**	**2 846**	**1 630**	**4 682**	**6 561**
Accountants	57	41	196	-	9	40	25	56	13	18	767	811
Architects	-	-	-	-	-	-	-	-	-	9	245	47
Computer specialists	159	-	-	-	-	-	6	73	2	-	88	388
Engineers	56	6	-	-	11	5	6	30	8	26	455	1 225
Chemical	-	-	-	-	-	-	-	-	-	6	4	-
Civil	-	-	-	-	11	-	-	14	4	9	230	400
Electrical and electronic	24	-	-	-	-	-	-	3	4	-	23	328
Industrial	21	6	-	-	-	5	-	-	-	-	37	166
Mechanical	-	-	-	-	-	-	-	-	-	-	36	99
Other engineers	11	-	-	-	-	-	6	13	-	11	125	232
Mathematical specialists	-	-	-	-	-	-	15	-	-	-	-	54
Life and physical scientists	11	-	-	-	-	29	42	193	5	17	55	197
Chemists	5	-	-	-	-	6	5	37	-	6	-	34
Personnel and labor relations workers	79	16	55	10	9	27	14	76	6	5	9	424
Social scientists	45	-	6	-	-	25	23	47	-	15	34	156
Engineering and science technicians	68	43	-	-	11	9	9	115	28	20	499	796
Draftsmen	21	6	-	-	-	-	-	16	5	14	326	223
Electrical and electronic engineering technicians	19	32	-	-	11	-	-	14	-	-	34	385
Industrial and mechanical engineering technicians	-	-	-	-	-	-	-	-	-	-	-	12
Technicians, except health, and engineering and science	9	17	-	10	7	-	-	38	-	-	4	679
Writers, artists, and entertainers	224	11	144	167	729	9	10	139	40	102	326	348
Other professional, technical, and kindred workers	65	57	64	55	396	3 337	1 969	11 179	2 744	1 418	2 200	1 452
Managers and administrators, except farm	**511**	**422**	**839**	**400**	**359**	**283**	**153**	**990**	**286**	**425**	**422**	**3 130**
Buyers, purchasing agents, and sales managers	49	30	70	22	9	22	4	13	6	16	10	233
Other managers and administrators	462	392	769	378	350	261	149	977	280	409	412	2 897
Salaried	351	268	722	235	302	261	129	977	274	409	393	2 897
Self-employed	111	124	47	143	48	-	20	-	6	-	19	-
Sales workers	**190**	**86**	**87**	**77**	**57**	**11**	**16**	**45**	**11**	**15**	**56**	**78**
Clerical and kindred workers	**1 118**	**810**	**1 904**	**751**	**455**	**1 206**	**1 109**	**3 300**	**728**	**1 052**	**2 198**	**10 734**
Bookkeepers	103	99	196	52	54	61	108	79	37	122	294	479
Cashiers	5	32	305	43	112	22	-	21	12	72	-	129
Estimators and investigators, n.e.c	37	70	-	17	-	26	6	3	4	13	-	187
Office machine operators	222	-	-	5	-	24	5	119	17	8	152	467
Shipping and receiving clerks	-	-	4	6	-	-	-	-	-	-	-	111
Stock clerks and storekeepers	10	16	75	12	5	62	24	32	15	10	-	657
Other clerical and kindred workers	741	593	1 324	616	284	1 011	966	3 046	643	827	1 752	8 704
Craftsmen and kindred workers	**349**	**1 902**	**332**	**322**	**178**	**163**	**118**	**167**	**85**	**70**	**86**	**4 626**
Blacksmiths, forgemen, hammermen, and boilermakers	-	5	-	-	-	-	-	-	-	-	6	15
Brickmasons and stonemasons	-	-	14	-	-	-	-	4	-	5	-	37
Carpenters	11	-	50	14	15	17	-	18	14	21	11	303
Cranemen, derrickmen, and hoistmen	18	-	-	-	-	-	-	-	-	-	-	26
Electricians	-	30	32	-	5	25	-	4	7	5	-	374
Excavating, grading, and road machine operators	5	6	-	-	8	-	-	4	3	-	-	84
Foremen, n.e.c	73	32	30	93	17	16	23	20	-	16	11	386
Mechanics and repairmen	141	1 403	59	30	49	24	5	52	14	-	5	1 604
Automobile, including body	16	1 021	12	5	-	-	5	10	5	-	-	339
Machinists, job setters, and toolmakers	-	19	-	5	9	-	-	-	-	-	-	250
Metal craftsmen, except mechanics and machinists	-	-	5	-	-	-	-	-	4	-	4	110
Painters, construction and maintenance, and plasterers and paperhangers	11	5	56	5	-	31	-	11	25	13	7	230
Plumbers and pipe fitters	-	-	22	-	6	5	-	-	5	-	-	325
Printing craftsmen	12	-	-	-	-	-	-	23	4	-	-	60
Stationary engineers and power station operators	-	-	14	-	-	-	-	-	-	-	-	73
Other craftsmen and kindred workers	78	402	50	175	69	45	90	31	9	10	42	749
Operatives, except transport	**299**	**515**	**273**	**1 401**	**33**	**182**	**47**	**100**	**23**	**20**	**136**	**694**
Assemblers	-	-	-	-	6	-	-	-	-	-	-	5
Checkers, examiners, and inspectors; manufacturing	-	-	-	-	-	-	-	-	-	-	-	-
Filers, polishers, sanders, and buffers	-	9	-	-	-	-	-	-	-	-	-	5
Painters, manufactured articles	7	111	-	6	-	-	-	-	-	-	-	-
Precision machine operatives	-	-	-	-	-	-	-	-	-	-	-	4
Welders and flamecutters	6	119	-	-	-	-	-	8	2	-	-	135
Other specified operatives	135	177	146	1 362	22	179	18	17	21	15	115	257
Machine operatives, miscellaneous specified	14	53	-	6	-	-	-	10	-	-	5	59
Machine operatives, not specified	6	4	5	5	-	-	-	-	-	-	3	23
Miscellaneous operatives	120	42	108	12	5	3	23	60	-	5	8	193
Not specified operatives	11	-	14	10	-	-	6	5	-	-	5	13

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Business services	Repair services	Hotels and lodging places	Other personal services, including private household	Entertainment and recreation services	Hospitals	Health services, except hospitals	Educational services, government	Educational services, private	Welfare, religious, and nonprofit membership organizations	Other professional and related services	Public administration
THE STATE—Continued												
Total employed—Continued												
Transport equipment operatives	81	251	79	216	33	37	43	12	5	10	27	664
Deliverymen and routemen	38	16	-	133	4	5	16	6	5	-	-	17
Truck drivers	15	31	5	51	10	4	-	6	-	10	-	386
Other transport equipment operatives	28	204	74	32	19	28	27	-	-	-	27	261
Laborers, except farm	52	126	284	637	279	135	51	105	70	58	150	1 313
Freight, stock, and material handlers	11	12	15	20	3	38	4	13	-	4	15	430
Other specified laborers	10	106	171	553	251	69	31	84	61	33	125	726
Miscellaneous laborers	12	3	-	5	5	-	-	-	4	5	-	10
Not specified laborers	19	5	98	59	20	28	16	8	5	16	10	147
Farm workers	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	691	180	6 875	5 407	1 188	2 751	1 300	2 002	611	622	979	4 694
Cleaning service workers	432	48	2 647	67	205	479	172	1 049	211	225	64	936
Personal service workers	27	38	1 002	2 181	557	82	49	120	184	136	39	193
Guards and watchmen	174	15	115	-	11	13	-	18	17	21	19	378
Other service workers, including private household	58	79	3 111	3 159	415	2 177	1 079	815	199	240	857	3 187
Female employed	1 698	1 012	6 382	6 819	1 650	6 207	3 315	12 604	3 227	2 070	4 370	9 127
Professional, technical, and kindred workers	234	49	178	67	563	2 849	1 005	7 821	1 988	693	1 542	1 199
Accountants	24	28	35	-	9	19	20	38	-	14	197	288
Computer specialists	34	-	-	-	-	-	-	35	2	-	16	79
Life and physical scientists	-	-	-	-	-	14	13	21	-	-	11	16
Registered nurses, dietitians, and therapists	6	-	11	15	-	2 193	700	46	30	14	-	53
Social scientists	11	-	-	-	-	12	8	9	-	5	14	17
Writers, artists, and entertainers	94	-	64	31	315	5	-	53	26	78	144	79
Other professional, technical, and kindred workers	65	21	68	21	239	606	264	7 619	1 930	582	1 160	667
Managers and administrators, except farm	54	69	239	179	86	106	91	404	149	99	172	408
Salaried	38	40	222	112	84	106	75	404	143	99	163	408
Self-employed	16	29	17	67	2	-	16	-	6	-	9	-
Sales workers	52	54	83	42	43	11	16	26	11	10	37	63
Clerical and kindred workers	933	637	1 443	624	366	1 091	1 047	2 941	632	879	1 898	6 538
Bookkeepers	83	88	144	48	35	48	102	59	37	112	253	284
Cashiers	5	32	282	43	98	22	-	21	12	72	-	97
Counter clerks, except food	-	77	257	142	41	5	4	23	-	-	5	16
File clerks	24	-	5	-	-	50	34	86	10	9	23	242
Office machine operators	145	-	-	5	-	19	5	89	17	-	87	281
Bookkeeping and billing machine operators	-	-	-	-	-	10	-	12	-	-	5	25
Receptionists	15	5	49	59	4	192	396	44	-	30	77	52
Secretaries	304	102	201	33	68	233	158	581	219	356	645	1 481
Stenographers	13	6	12	6	5	45	56	283	10	61	25	702
Typists	70	26	62	-	22	106	93	583	119	64	107	1 164
Other clerical and kindred workers	274	301	431	288	93	371	199	1 172	208	175	676	2 219
Craftsmen and kindred workers	59	27	24	101	8	25	8	49	4	18	10	111
Foremen, n.e.c.	17	4	-	70	-	8	3	-	-	6	-	14
Operatives, except transport	85	70	137	1 147	19	133	24	60	16	12	18	48
Assemblers	-	-	-	-	-	-	-	-	-	-	-	-
Checkers, examiners, and inspectors; manufacturing	-	-	-	-	-	-	-	-	-	-	-	-
Packers and wrappers, except meat and produce	-	6	-	11	-	-	-	-	-	-	-	-
Other operatives, except transport	85	64	137	1 136	19	133	24	60	16	12	18	48
Transport equipment operatives	18	15	10	13	-	-	-	-	-	-	-	-
Laborers, except farm	12	22	6	63	35	28	5	17	-	5	8	57
Farm workers	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	251	69	4 262	4 583	530	1 964	1 119	1 286	427	354	685	703
Cleaning service workers	211	23	2 071	33	39	256	103	436	89	68	34	354
Personal service workers	27	8	436	1 739	257	59	44	92	161	116	32	79
Other service workers, including private household	13	38	1 755	2 811	234	1 649	972	758	177	170	619	270

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

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

	Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing							
						Durable goods						
					Total	Furniture, lumber, and wood products	Stone, clay, and glass products	Primary ferrous industries	Primary nonferrous industries	Fabricated metal industries, including not specified metal	Machinery, except electrical	Electrical machinery, equipment and supplies
HONOLULU SMSA												
Total employed	230 252	4 642	279	21 811	23 613	874	899	231	23	548	605	276
Professional, technical, and kindred workers	39 366	185	35	1 004	2 137	28	66	6	–	19	55	136
Accountants	3 039	–	–	161	237	10	16	6	–	4	5	5
Architects	359	16	–	–	17	–	–	–	–	–	–	–
Computer specialists	978	–	–	–	73	–	3	–	–	–	24	4
Engineers	3 403	10	–	386	456	–	11	–	–	4	5	33
Chemical	20	–	–	–	10	–	–	–	–	–	–	–
Civil	1 613	4	–	279	25	–	6	–	–	–	–	–
Electrical and electronic	1 033	–	–	44	172	–	–	–	–	–	–	24
Industrial	397	–	–	21	58	–	–	–	–	4	–	–
Mechanical	349	–	–	28	102	–	5	–	–	–	5	–
Other engineers	591	6	–	14	89	–	–	–	–	–	–	9
Mathematical specialists	131	–	–	–	5	–	–	–	–	–	–	–
Life and physical scientists	623	41	6	3	79	–	4	–	–	–	–	6
Chemists	163	5	–	–	62	–	4	–	–	–	–	–
Personnel and labor relations workers	1 253	6	7	48	138	–	–	–	–	5	11	–
Social scientists	427	–	–	12	21	–	6	–	–	–	–	–
Engineering and science technicians	2 591	26	22	255	331	5	11	–	–	6	–	71
Draftsmen	882	–	5	131	58	–	–	–	–	6	–	10
Electrical and electronic engineering technicians	831	–	–	36	117	–	–	–	–	–	–	61
Industrial and mechanical engineering technicians	55	–	11	5	27	–	–	–	–	–	–	–
Technicians, except health, and engineering and science	1 058	–	–	10	10	–	–	–	–	–	–	–
Writers, artists, and entertainers	3 217	9	–	33	483	13	9	–	–	–	4	7
Other professional, technical, and kindred workers	22 272	77	–	96	287	–	6	–	–	–	6	10
Managers and administrators, except farm	21 533	71	13	1 862	1 417	80	56	–	–	25	59	13
Buyers, purchasing agents, and sales managers	2 205	–	4	63	203	–	11	–	–	–	11	–
Other managers and administrators	19 328	71	9	1 799	1 214	80	45	–	–	25	48	13
Salaried	16 908	57	9	1 482	1 046	69	45	–	–	10	48	13
Self-employed	2 420	14	–	317	168	11	–	–	–	15	–	–
Sales workers	16 474	6	–	106	938	44	26	–	5	22	55	42
Clerical and kindred workers	44 880	126	16	1 581	2 672	123	84	20	8	33	108	30
Bookkeepers	3 810	27	6	253	264	10	–	–	–	17	4	5
Cashiers	2 870	–	–	7	28	–	–	–	–	–	–	–
Estimators and investigators, n.e.c.	1 107	–	–	242	152	23	5	–	–	4	16	–
Office machine operators	1 601	6	–	32	72	–	7	–	–	–	4	–
Shipping and receiving clerks	453	–	–	–	100	12	–	–	–	–	–	–
Stock clerks and storekeepers	2 044	–	–	26	220	9	7	–	–	6	11	13
Other clerical and kindred workers	32 995	93	10	1 021	1 836	69	65	20	8	6	73	12
Craftsmen and kindred workers	35 349	214	73	12 677	6 741	286	257	69	–	173	196	45
Blacksmiths, forgemen, hammermen, and boilermakers	172	–	–	12	112	–	–	–	–	–	–	–
Brickmasons and stonemasons	922	3	–	836	11	–	5	–	–	–	–	–
Carpenters	4 658	32	9	3 709	334	81	15	–	–	–	14	–
Cranemen, derrickmen, and hoistmen	623	4	–	295	196	–	22	16	–	3	9	–
Electricians	1 893	4	–	839	395	–	7	5	–	–	–	–
Excavating, grading, and road machine operators	999	15	4	764	77	–	11	–	–	–	4	–
Foremen, n.e.c.	3 797	40	10	904	1 074	45	62	13	–	19	8	12
Mechanics and repairmen	7 497	56	23	614	1 169	–	68	–	–	47	67	21
Automobile, including body	2 445	22	11	56	150	–	25	–	–	–	–	–
Machinists, job setters, and toolmakers	933	9	4	27	545	–	–	–	–	9	62	–
Metal craftsmen, except mechanics and machinists	776	–	–	310	296	–	4	23	–	71	20	–
Painters, construction and maintenance, and plasterers and paperhangers	1 535	5	–	1 001	132	8	–	–	–	–	–	–
Plumbers and pipe fitters	1 661	–	–	833	339	–	–	5	–	–	7	–
Printing craftsmen	839	–	–	3	711	–	–	–	–	–	–	–
Stationary engineers and power station operators	437	–	–	26	81	5	10	–	–	–	5	–
Other craftsmen and kindred workers	8 607	46	23	2 504	1 269	147	53	7	–	24	–	12
Operatives, except transport	16 905	122	72	1 170	7 029	226	212	95	7	185	77	10
Assemblers	177	–	–	15	129	57	10	–	7	10	12	–
Checkers, examiners, and inspectors; manufacturing	243	–	–	–	243	–	–	6	–	14	–	10
Filers, polishers, sanders, and buffers	68	–	–	–	41	22	–	–	–	10	–	–
Painters, manufactured articles	192	–	–	–	55	5	4	–	–	–	6	–
Precision machine operatives	84	7	–	17	56	3	7	6	–	6	9	–
Welders and flamecutters	1 249	21	4	420	423	–	40	5	–	23	20	–
Other specified operatives	11 052	61	68	598	3 949	98	40	39	–	41	5	–
Machine operatives, miscellaneous specified	1 095	18	–	37	769	9	53	5	–	26	5	–
Machine operatives, not specified	388	–	–	24	252	–	18	–	–	28	11	–
Miscellaneous operatives	2 028	15	–	50	909	27	10	5	–	16	6	–
Not specified operatives	329	–	–	9	203	5	30	29	–	11	3	–

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing							
						Durable goods						
					Total	Furniture, lumber, and wood products	Stone, clay, and glass products	Primary ferrous industries	Primary nonferrous industries	Fabricated metal industries, including not specified metal	Machinery, except electrical	Electrical machinery, equipment, and supplies
HONOLULU SMSA—Continued												
Total employed—*Continued*												
Transport equipment operatives	7 412	242	52	617	1 175	34	135	-	-	14	18	-
Deliverymen and routemen	1 424	25	-	39	334	16	-	-	-	-	-	-
Truck drivers	3 097	186	52	414	553	14	121	-	-	-	18	-
Other transport equipment operatives	2 891	31	-	164	286	4	14	-	-	14	-	-
Laborers, except farm	10 843	644	13	2 670	1 075	44	52	36	3	54	33	-
Freight, stock, and material handlers	4 146	2	4	99	551	30	8	12	-	29	17	-
Other specified laborers	5 757	627	9	2 561	277	-	19	5	-	-	-	-
Miscellaneous laborers	178	4	-	-	28	-	-	5	-	4	11	-
Not specified laborers	762	11	-	10	219	14	25	14	3	21	5	-
Farm workers	2 975	2 975	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	34 515	57	5	124	431	9	11	5	-	23	4	-
Cleaning service workers	6 618	18	5	90	237	5	11	5	-	17	4	-
Personal service workers	4 898	5	-	-	-	-	-	-	-	-	-	-
Guards and watchmen	881	-	-	10	43	-	-	-	-	6	-	-
Other service workers, including private household	22 118	34	-	24	151	4	-	-	-	-	-	-
Female employed	96 356	1 024	26	1 444	7 653	226	81	9	3	88	96	17
Professional, technical, and kindred workers	17 179	18	7	99	416	9	8	-	-	-	11	4
Accountants	1 108	-	-	69	59	-	-	-	-	-	5	-
Computer specialists	237	-	-	-	17	-	3	-	-	-	-	-
Life and physical scientists	75	-	-	-	-	-	-	-	-	-	-	-
Registered nurses, dietitians, and therapists	2 688	-	-	5	8	-	-	-	-	-	-	-
Social scientists	87	-	-	-	-	-	-	-	-	-	-	-
Writers, artists, and entertainers	1 188	9	-	5	177	4	-	-	-	-	-	-
Other professional, technical, and kindred workers	11 796	9	7	20	155	5	5	-	-	-	6	4
Managers and administrators, except farm	4 887	6	-	49	238	10	-	-	-	5	5	-
Salaried	4 281	6	-	49	211	10	-	-	-	-	5	-
Self-employed	606	-	-	-	27	-	-	-	-	5	-	-
Sales workers	8 902	-	-	27	279	33	5	-	-	5	-	-
Clerical and kindred workers	33 783	108	11	1 067	1 742	75	57	9	3	23	67	13
Bookkeepers	2 990	22	6	181	190	6	-	-	-	17	4	5
Cashiers	2 580	-	-	7	16	-	-	-	-	-	-	-
Counter clerks, except food	663	-	-	-	44	-	-	5	-	-	-	-
File clerks	920	-	-	15	103	6	4	-	-	-	4	-
Office machine operators	1 119	6	-	32	51	-	7	-	-	-	4	-
Bookkeeping and billing machine operators	160	-	-	-	-	-	-	-	-	-	-	-
Receptionists	1 003	10	-	40	32	-	-	-	-	-	5	-
Secretaries	6 915	16	5	412	436	29	27	4	-	6	22	8
Stenographers	1 298	-	-	16	22	-	-	-	-	-	-	-
Typists	3 640	11	-	77	148	5	3	-	3	-	7	-
Other clerical and kindred workers	12 655	43	-	287	700	29	16	-	-	-	21	-
Craftsmen and kindred workers	1 697	11	4	101	613	23	-	-	-	-	-	-
Foremen, n.e.c.	491	4	4	12	194	6	-	-	-	-	-	-
Operatives, except transport	7 442	67	4	25	4 140	76	6	-	-	51	9	-
Assemblers	48	-	-	-	32	10	-	-	-	4	6	-
Checkers, examiners, and inspectors; manufacturing	138	-	-	-	138	-	-	-	-	9	-	-
Packers and wrappers, except meat and produce	1 148	25	-	-	818	5	-	-	-	-	-	-
Other operatives, except transport	6 108	42	4	25	3 152	61	6	-	-	38	3	-
Transport equipment operatives	296	13	-	-	38	-	5	-	-	-	-	-
Laborers, except farm	749	50	-	48	74	-	-	-	-	4	-	-
Farm workers	746	746	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	20 681	5	-	28	113	-	-	-	-	-	4	-
Cleaning service workers	3 175	-	-	21	51	-	-	-	-	-	4	-
Personal service workers	3 172	-	-	-	-	-	-	-	-	-	-	-
Other service workers, including private household	14 334	5	-	7	62	-	-	-	-	-	-	-

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

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

	Manufacturing—Continued												
	Durable goods—Continued					Nondurable goods							
	Motor vehicles and motor vehicle equipment	Aircraft and parts	Other transportation equipment	Ordnance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing, and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other nondurable goods, incl. not specified manufacturing
HONOLULU SMSA													
Total employed	81	62	4 164	44	1 386	7 338	131	2 341	305	2 243	410	162	1 570
Professional, technical, and kindred workers	14	24	601	12	91	484	17	88	17	328	27	-	124
Accountants	5	-	19	-	10	104	-	-	12	20	21	-	-
Architects	-	-	17	-	-	-	-	-	-	-	-	-	-
Computer specialists	-	-	15	-	5	22	-	-	-	-	-	-	-
Engineers	4	11	303	-	9	65	-	-	-	5	6	-	-
Chemical	-	-	4	-	-	-	-	-	-	-	6	-	-
Civil	-	-	14	-	5	-	-	-	-	-	-	-	-
Electrical and electronic	-	-	136	-	-	7	-	-	-	5	-	-	-
Industrial	-	-	28	-	-	26	-	-	-	-	-	-	-
Mechanical	-	-	88	-	-	4	-	-	-	-	-	-	-
Other engineers	4	11	33	-	4	28	-	-	-	-	-	-	-
Mathematical specialists	-	5	-	-	-	-	-	-	-	-	-	-	-
Life and physical scientists	-	-	22	-	-	47	-	-	-	-	-	-	-
Chemists	-	-	22	-	-	36	-	-	-	-	-	-	-
Personnel and labor relations workers	5	5	37	-	-	71	-	-	-	4	-	-	-
Social scientists	-	-	-	-	-	15	-	-	-	-	-	-	-
Engineering and science technicians	-	3	110	6	5	81	-	6	-	4	-	-	23
Draftsmen	-	-	21	-	-	15	-	6	-	-	-	-	-
Electrical and electronic engineering technicians	-	3	42	6	-	-	-	-	-	-	-	-	5
Industrial and mechanical engineering technicians	-	-	23	-	-	-	-	-	-	-	-	-	4
Technicians, except health, and engineering and science	-	-	5	-	-	5	-	-	-	-	-	-	-
Writers, artists, and entertainers	-	-	15	-	11	36	17	82	5	280	-	-	4
Other professional, technical, and kindred workers	-	-	58	6	51	38	-	-	-	15	-	-	97
Managers and administrators, except farm	4	9	91	6	107	311	24	147	29	265	91	33	67
Buyers, purchasing agents, and sales managers	-	4	-	-	9	57	9	18	4	75	5	-	-
Other managers and administrators	4	5	91	6	98	254	15	129	25	190	86	33	67
Salaried	-	5	91	6	64	220	15	116	25	158	76	28	57
Self-employed	4	-	-	-	34	34	-	13	-	32	10	5	10
Sales workers	5	-	-	-	41	152	4	75	22	224	79	6	126
Clerical and kindred workers	10	14	459	5	152	690	20	108	55	475	77	35	166
Bookkeepers	5	-	43	-	14	55	10	24	5	45	11	-	16
Cashiers	-	-	-	-	-	17	-	-	-	5	-	6	-
Estimators and investigators, n.e.c	5	4	61	-	-	15	-	-	-	14	5	-	-
Office machine operators	-	-	11	-	9	21	-	-	-	15	-	-	5
Shipping and receiving clerks	-	-	-	-	-	54	-	24	-	-	-	5	5
Stock clerks and storekeepers	-	-	84	5	4	41	-	-	11	6	5	5	13
Other clerical and kindred workers	-	10	260	-	125	487	10	60	39	390	56	19	127
Craftsmen and kindred workers	14	9	2 307	7	413	1 558	20	213	50	774	47	40	263
Blacksmiths, forgemen, hammermen, and boilermakers	-	-	88	-	-	19	-	-	-	5	-	-	-
Brickmasons and stonemasons	-	-	-	-	-	6	-	-	-	-	-	-	-
Carpenters	-	4	176	-	10	34	-	-	-	-	-	-	-
Cranemen, derrickmen, and hoistmen	8	-	32	-	-	88	-	-	5	5	8	-	-
Electricians	-	-	306	-	-	72	-	-	-	5	-	-	-
Excavating, grading, and road machine operators	-	-	-	-	-	56	-	-	-	-	-	-	6
Foremen, n.e.c	-	-	207	-	21	517	-	69	5	49	15	15	17
Mechanics and repairmen	6	-	391	7	5	433	-	34	28	22	14	6	20
Automobile, including body	-	-	24	-	-	101	-	-	-	-	-	-	-
Machinists, job setters, and toolmakers	-	5	377	-	6	62	-	-	-	-	5	10	9
Metal craftsmen, except mechanics and machinists	-	-	160	-	-	14	-	-	-	4	-	-	-
Painters, construction and maintenance, and plasterers and paperhangers	-	-	64	-	-	45	5	-	-	6	-	4	-
Plumbers and pipe fitters	-	-	287	-	4	31	-	-	-	-	-	-	5
Printing craftsmen	-	-	-	-	4	6	11	-	12	673	-	-	5
Stationary engineers and power station operators	-	-	15	-	-	37	-	-	-	-	-	5	4
Other craftsmen and kindred workers	-	-	204	-	363	138	4	110	-	5	5	-	197
Operatives, except transport	31	-	478	5	328	2 732	25	1 651	110	129	64	26	638
Assemblers	-	-	-	-	3	25	-	-	-	5	-	-	-
Checkers, examiners, and inspectors; manufacturing	6	-	21	5	-	117	-	27	-	4	2	-	31
Filers, polishers, sanders, and buffers	-	-	-	-	9	-	-	-	-	-	-	-	-
Painters, manufactured articles	5	-	22	-	5	8	-	-	-	-	-	-	-
Precision machine operatives	-	-	25	-	-	-	-	-	-	-	-	-	-
Welders and flamecutters	10	-	239	-	4	62	-	-	-	-	5	-	15
Other specified operatives	-	-	55	-	188	1 266	25	1 554	24	32	32	15	535
Machine operatives, miscellaneous specified	10	-	62	-	56	371	-	28	51	40	14	6	33
Machine operatives, not specified	-	-	-	-	-	143	-	-	23	24	-	5	-
Miscellaneous operatives	-	-	46	-	51	653	-	35	7	24	11	-	18
Not specified operatives	-	-	8	-	12	87	-	7	5	-	-	-	6

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Manufacturing—Continued												
	Durable goods—Continued					Nondurable goods							
	Motor vehicles and motor vehicle equipment	Aircraft and parts	Other transportation equipment	Ordnance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing, and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other nondurable goods, incl. not specified manufacturing
HONOLULU SMSA—Continued													
Total employed—Continued													
Transport equipment operatives	-	-	45	-	23	725	16	17	15	30	20	16	65
Deliverymen and routemen	-	-	-	-	12	261	-	8	15	11	5	-	6
Truck drivers	-	-	35	-	-	285	10	9	-	19	15	16	11
Other transport equipment operatives	-	-	10	-	11	179	6	-	-	-	-	-	48
Laborers, except farm	3	-	128	9	92	480	5	22	7	7	5	6	89
Freight, stock, and material handlers	-	-	46	9	-	367	-	22	7	4	-	-	-
Other specified laborers	-	-	43	-	75	49	-	-	-	3	-	-	83
Miscellaneous laborers	-	-	4	-	-	4	-	-	-	-	-	-	-
Not specified laborers	3	-	35	-	17	60	5	-	-	-	5	6	6
Farm workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	-	6	55	-	59	206	-	20	-	11	-	-	22
Cleaning service workers	-	6	21	-	25	108	-	20	-	11	-	-	4
Personal service workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Guards and watchmen	-	-	9	-	-	28	-	-	-	-	-	-	-
Other service workers, including private household	-	-	25	-	34	70	-	-	-	-	-	-	18
Female employed	19	10	281	5	425	2 607	70	2 042	88	803	136	46	601
Professional, technical, and kindred workers	-	-	34	-	34	83	17	73	6	93	10	-	34
Accountants	-	-	4	-	10	20	-	-	6	4	10	-	-
Computer specialists	-	-	5	-	-	9	-	-	-	-	-	-	-
Life and physical scientists	-	-	-	-	-	-	-	-	-	-	-	-	-
Registered nurses, dietitians, and therapists	-	-	-	-	8	-	-	-	-	-	-	-	-
Social scientists	-	-	-	-	-	-	-	-	-	-	-	-	-
Writers, artists, and entertainers	-	-	-	-	11	-	17	67	-	74	-	-	4
Other professional, technical, and kindred workers	-	-	25	-	5	54	-	6	-	15	-	-	30
Managers and administrators, except farm	-	-	8	-	38	17	5	57	5	59	9	-	20
Salaried	-	-	8	-	33	5	5	52	5	59	9	-	20
Self-employed	-	-	-	-	5	12	-	5	-	-	-	-	-
Sales workers	-	-	-	-	31	55	-	48	-	50	15	-	45
Clerical and kindred workers	5	10	195	5	104	451	20	85	45	369	72	30	104
Bookkeepers	-	-	29	-	4	42	10	16	-	35	11	-	11
Cashiers	-	-	-	-	-	5	-	-	-	5	-	6	-
Counter clerks, except food	-	-	-	-	-	4	-	-	-	30	-	5	-
File clerks	-	-	15	-	-	34	-	-	11	29	-	-	-
Office machine operators	-	-	5	-	9	16	-	-	-	10	-	-	-
Bookkeeping and billing machine operators	-	-	-	-	-	-	-	-	-	-	-	-	-
Receptionists	-	-	-	-	10	9	-	-	-	4	4	-	-
Secretaries	-	4	56	-	25	118	5	11	14	72	21	4	10
Stenographers	-	6	-	-	-	16	-	-	-	-	-	-	-
Typists	-	-	32	-	3	24	-	-	5	45	15	-	6
Other clerical and kindred workers	5	-	58	5	53	183	5	58	15	139	21	15	77
Craftsmen and kindred workers	8	-	32	-	45	139	6	168	-	160	5	-	27
Foremen, n.e.c	-	-	16	-	9	102	-	56	-	5	-	-	-
Operatives, except transport	6	-	5	-	154	1 702	22	1 613	32	66	25	16	357
Assemblers	-	-	-	-	-	12	-	-	-	-	-	-	-
Checkers, examiners, and inspectors; manufacturing	-	-	-	-	-	98	-	27	-	4	-	-	-
Packers and wrappers, except meat and produce	-	-	-	-	28	731	-	22	16	5	11	-	-
Other operatives, except transport	6	-	5	-	126	861	22	1 564	16	57	14	16	357
Transport equipment operatives	-	-	-	-	-	33	-	-	-	-	-	-	-
Laborers, except farm	-	-	-	-	5	51	-	-	-	-	-	-	14
Farm workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	-	-	7	-	14	76	-	6	-	6	-	-	-
Cleaning service workers	-	-	-	-	3	32	-	6	-	6	-	-	-
Personal service workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Other service workers, including private household	-	-	7	-	11	44	-	-	-	-	-	-	-

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communications	Utilities and sanitary services	Wholesale trade	Retail trade: General merchandise retailing	Retail trade: Food stores	Retail trade: Automotive dealers and gasoline stations	Retail trade: Eating and drinking places	Retail trade: Other retail trade	Insurance	Finance and real estate
HONOLULU SMSA													
Total employed	**50**	**2 103**	**9 213**	**4 376**	**4 598**	**9 647**	**7 240**	**5 243**	**4 769**	**10 855**	**13 447**	**2 908**	**9 941**
Professional, technical, and kindred workers	-	**31**	**689**	**1 029**	**537**	**546**	**262**	**47**	**64**	**197**	**485**	**168**	**577**
Accountants	-	11	102	23	20	187	78	21	30	30	74	71	243
Architects	-	-	-	-	-	-	-	-	-	-	5	-	20
Computer specialists	-	-	4	25	14	47	4	-	4	-	5	10	89
Engineers	-	3	81	407	141	95	20	-	-	4	5	5	17
Chemical	-	-	-	-	-	-	-	-	-	-	-	-	-
Civil	-	-	-	-	44	11	-	-	-	-	-	-	11
Electrical and electronic	-	-	-	384	56	4	-	-	-	-	-	-	-
Industrial	-	-	16	9	10	18	15	-	-	4	-	5	6
Mechanical	-	-	50	-	19	10	5	-	-	-	-	-	-
Other engineers	-	3	15	14	12	52	-	-	-	-	5	-	-
Mathematical specialists	-	-	10	10	-	-	-	-	5	-	-	22	10
Life and physical scientists	-	-	-	9	22	4	-	-	-	-	-	-	-
Chemists	-	-	-	-	5	4	-	-	-	-	-	-	-
Personnel and labor relations workers	-	13	52	40	10	23	75	12	10	20	48	40	41
Social scientists	-	-	6	4	5	9	-	-	4	-	9	-	22
Engineering and science technicians	-	-	35	323	80	42	-	-	6	-	33	-	5
Draftsmen	-	-	5	23	42	10	-	-	-	-	28	-	5
Electrical and electronic engineering technicians	-	-	8	264	16	32	-	-	6	-	-	-	-
Industrial and mechanical engineering technicians	-	-	-	-	-	-	-	-	-	-	-	-	-
Technicians, except health, and engineering and science	-	-	320	35	4	13	6	-	-	-	4	-	6
Writers, artists, and entertainers	-	4	65	143	39	76	68	5	5	143	67	7	46
Other professional, technical, and kindred workers	-	-	14	10	202	50	31	9	-	-	235	13	78
Managers and administrators, except farm	**5**	**197**	**947**	**421**	**270**	**1 664**	**624**	**669**	**690**	**1 010**	**2 065**	**343**	**2 389**
Buyers, purchasing agents, and sales managers	-	5	99	8	17	359	274	107	80	32	429	33	53
Other managers and administrators	5	192	848	413	253	1 305	350	562	610	978	1 636	310	2 336
Salaried	5	127	827	413	235	1 105	330	341	449	709	1 269	305	2 206
Self-employed	-	65	21	-	18	200	20	221	161	269	367	5	130
Sales workers	**11**	**32**	**117**	**52**	**35**	**1 956**	**3 300**	**963**	**637**	**110**	**4 743**	**1 113**	**1 711**
Clerical and kindred workers	**16**	**328**	**2 404**	**1 450**	**737**	**2 186**	**1 625**	**1 188**	**574**	**659**	**1 825**	**1 240**	**4 209**
Bookkeepers	-	33	118	49	26	383	134	78	213	99	213	51	420
Cashiers	-	-	17	8	26	34	444	813	63	428	334	9	84
Estimators and investigators, n.e.c	-	5	33	29	54	5	42	-	27	4	21	35	156
Office machine operators	-	5	15	42	12	79	36	7	15	3	21	35	245
Shipping and receiving clerks	5	27	55	5	-	68	23	12	-	-	34	4	3
Stock clerks and storekeepers	-	12	105	24	34	174	287	106	39	23	117	-	22
Other clerical and kindred workers	11	246	2 061	1 293	585	1 443	659	172	217	102	1 085	1 106	3 279
Craftsmen and kindred workers	-	**214**	**1 099**	**1 313**	**1 490**	**1 187**	**291**	**276**	**873**	**50**	**1 241**	**10**	**155**
Blacksmiths, forgemen, hammermen, and boilermakers	-	-	-	-	22	-	-	-	-	-	-	-	-
Brickmasons and stonemasons	-	-	-	-	4	18	-	-	-	-	-	-	4
Carpenters	-	12	9	-	5	21	19	-	-	-	56	-	48
Cranemen, derrickmen, and hoistmen	-	-	30	5	19	18	-	-	-	-	7	-	5
Electricians	-	-	44	14	108	5	-	-	-	-	33	-	-
Excavating, grading, and road machine operators	-	17	-	-	5	6	-	-	-	-	-	-	17
Foremen, n.e.c	-	120	106	14	196	342	90	17	69	8	156	10	27
Mechanics and repairmen	-	55	818	91	122	400	60	6	804	20	268	-	6
Automobile, including body	-	27	75	42	29	71	19	-	760	-	22	-	-
Machinists, job setters, and toolmakers	-	-	19	-	47	5	-	-	-	-	13	-	-
Metal craftsmen, except mechanics and machinists	-	-	4	-	5	23	-	5	-	-	5	-	5
Painters, construction and maintenance, and plasterers and paperhangers	-	-	11	-	6	-	-	-	-	4	28	-	4
Plumbers and pipe fitters	-	-	-	5	99	10	-	-	-	-	29	-	9
Printing craftsmen	-	-	5	-	-	4	-	-	-	-	4	-	13
Stationary engineers and power station operators	-	-	5	-	223	11	-	-	-	5	-	-	8
Other craftsmen and kindred workers	-	10	48	1 184	629	324	122	248	-	13	642	-	9
Operatives, except transport	-	**133**	**613**	**18**	**252**	**772**	**174**	**649**	**1 731**	**68**	**922**	**4**	**38**
Assemblers	-	-	-	-	-	17	-	-	-	5	-	-	-
Checkers, examiners, and inspectors; manufacturing	-	-	-	-	-	-	-	-	-	-	-	-	-
Filers, polishers, sanders, and buffers	-	-	-	-	-	5	-	-	-	-	8	-	-
Painters, manufactured articles	-	-	-	-	-	-	-	-	27	-	6	-	-
Precision machine operatives	-	-	-	-	-	-	-	-	-	-	-	-	-
Welders and flamecutters	-	13	28	5	34	43	6	-	-	-	4	-	-
Other specified operatives	-	103	267	5	162	567	157	569	1 639	22	831	-	12
Machine operatives, miscellaneous specified	-	-	4	-	12	51	11	3	22	28	-	4	-
Machine operatives, not specified	-	-	21	-	6	21	-	-	6	-	-	-	21
Miscellaneous operatives	-	17	286	8	33	68	-	68	26	13	46	-	5
Not specified operatives	-	-	7	-	5	-	-	9	11	-	27	-	-

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communications	Utilities and sanitary services	Wholesale trade	Retail trade: General merchandise retailing	Retail trade: Food stores	Retail trade: Automotive dealers and gasoline stations	Retail trade: Eating and drinking places	Retail trade: Other retail trade	Insurance	Finance and real estate
HONOLULU SMSA—Continued													
Total employed—Continued													
Transport equipment operatives	**5**	**890**	**1 345**	**17**	**364**	**723**	**140**	**79**	**100**	**82**	**236**	**-**	**62**
Deliverymen and routemen	-	60	10	5	-	356	91	58	84	50	108	-	-
Truck drivers	5	795	108	12	136	253	37	16	9	8	67	-	4
Other transport equipment operatives	-	35	1 227	-	228	114	12	5	7	24	61	-	58
Laborers, except farm	**-**	**265**	**668**	**16**	**638**	**541**	**299**	**1 042**	**50**	**62**	**355**	**-**	**183**
Freight, stock, and material handlers	-	216	557	11	269	405	278	1 010	9	36	156	-	-
Other specified laborers	-	25	86	5	286	57	4	7	33	15	176	-	139
Miscellaneous laborers	-	5	-	-	72	17	-	-	-	-	14	-	-
Not specified laborers	-	19	25	-	11	62	17	25	8	11	9	-	44
Farm workers	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Service workers, including private household	**13**	**13**	**1 331**	**60**	**275**	**72**	**505**	**330**	**50**	**8 617**	**1 575**	**30**	**617**
Cleaning service workers	-	-	136	43	57	46	159	81	50	286	105	25	340
Personal service workers	13	-	896	5	2	3	57	-	-	98	84	5	26
Guards and watchmen	-	-	27	7	34	8	20	11	-	35	8	-	63
Other service workers, including private household	-	13	272	5	182	15	269	238	-	8 198	1 378	-	188
Female employed	**12**	**299**	**2 431**	**1 459**	**542**	**2 976**	**5 025**	**2 574**	**809**	**7 260**	**7 840**	**1 354**	**5 392**
Professional, technical, and kindred workers	**-**	**10**	**79**	**103**	**38**	**122**	**135**	**11**	**25**	**62**	**170**	**80**	**182**
Accountants	-	6	67	13	-	48	44	11	21	23	31	33	85
Computer specialists	-	-	-	15	14	-	-	-	4	-	-	-	21
Life and physical scientists	-	-	-	-	-	-	-	-	-	-	-	-	-
Registered nurses, dietitians, and therapists	-	-	-	-	-	-	-	-	-	-	-	-	-
Social scientists	-	-	-	-	-	6	-	-	-	-	9	-	4
Writers, artists, and entertainers	-	4	-	20	5	42	49	-	-	29	36	-	10
Other professional, technical, and kindred workers	-	-	12	55	19	26	42	-	-	10	94	47	62
Managers and administrators, except farm	**-**	**15**	**251**	**49**	**20**	**207**	**252**	**179**	**53**	**395**	**759**	**59**	**631**
Salaried	-	10	247	49	20	185	232	85	47	299	621	59	588
Self-employed	-	5	4	-	-	22	20	94	6	96	138	-	43
Sales workers	**5**	**5**	**66**	**16**	**26**	**294**	**2 673**	**788**	**36**	**96**	**3 396**	**178**	**628**
Clerical and kindred workers	**7**	**220**	**1 246**	**1 245**	**357**	**1 767**	**1 379**	**946**	**447**	**589**	**1 537**	**1 005**	**3 631**
Bookkeepers	-	33	89	39	14	335	114	67	172	78	190	46	325
Cashiers	-	-	17	8	16	28	423	725	45	401	301	9	72
Counter clerks, except food	-	-	18	13	-	68	39	6	5	22	5	-	-
File clerks	-	4	14	9	7	37	31	9	12	-	47	79	87
Office machine operators	-	5	5	17	12	76	31	7	15	3	21	19	181
Bookkeeping and billing machine operators	-	-	-	7	-	25	-	-	4	-	-	-	78
Receptionists	-	-	34	17	-	17	17	-	7	4	21	12	67
Secretaries	3	59	238	87	50	429	121	23	31	26	157	323	637
Stenographers	-	-	41	12	23	12	4	-	-	-	-	18	56
Typists	-	52	46	141	54	188	41	12	33	-	90	211	320
Other clerical and kindred workers	4	67	744	902	181	577	558	97	127	55	705	288	1 886
Craftsmen and kindred workers	**-**	**9**	**18**	**31**	**28**	**69**	**97**	**54**	**14**	**7**	**210**	**10**	**16**
Foremen, n.e.c	-	3	5	-	5	23	53	7	10	3	33	10	7
Operatives, except transport	**-**	**4**	**15**	**-**	**-**	**425**	**131**	**245**	**182**	**60**	**670**	**4**	**15**
Assemblers	-	-	-	-	-	11	-	-	-	5	-	-	-
Checkers, examiners, and inspectors; manufacturing	-	-	-	-	-	-	-	-	-	-	-	-	-
Packers and wrappers, except meat and produce	-	4	-	-	-	169	28	48	-	12	33	-	-
Other operatives, except transport	-	-	15	-	-	245	103	197	182	43	637	4	15
Transport equipment operatives	**-**	**21**	**94**	**-**	**22**	**34**	**-**	**-**	**25**	**-**	**5**	**-**	**-**
Laborers, except farm	**-**	**10**	**15**	**-**	**-**	**44**	**50**	**141**	**17**	**11**	**41**	**-**	**21**
Farm workers	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Service workers, including private household	**-**	**5**	**647**	**15**	**51**	**14**	**306**	**210**	**10**	**6 040**	**1 052**	**16**	**268**
Cleaning service workers	-	-	28	10	-	11	30	25	10	44	14	13	149
Personal service workers	-	-	499	5	2	3	46	-	-	38	73	5	15
Other service workers, including private household	-	5	120	-	49	-	232	185	-	5 958	965	-	104

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

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

	Business services	Repair services	Hotels and lodging places	Other personal services, including private household	Entertainment and recreation services	Hospitals	Health services, except hospitals	Educational services, government	Educational services, private	Welfare, religious, and nonprofit membership organizations	Other professional and related services	Public administration
HONOLULU SMSA												
Total employed	3 750	3 647	7 146	7 279	3 165	6 882	4 042	15 479	4 144	3 311	7 748	28 924
Professional, technical, and kindred workers	731	154	339	191	1 015	3 079	1 795	9 978	2 549	1 300	4 150	6 872
Accountants	52	41	140	-	9	36	25	44	13	12	664	735
Architects	-	-	-	-	-	-	-	-	-	9	245	47
Computer specialists	159	-	-	-	-	-	6	73	2	-	83	380
Engineers	56	6	-	-	11	5	6	30	8	26	433	1 192
Chemical	-	-	-	-	-	-	-	-	-	6	4	-
Civil	-	-	-	-	11	-	-	14	4	9	212	389
Electrical and electronic	24	-	-	-	-	-	-	3	4	-	23	319
Industrial	21	6	-	-	-	5	-	-	-	-	37	166
Mechanical	-	-	-	-	-	-	-	-	-	-	36	99
Other engineers	11	-	-	-	-	-	6	13	-	11	121	219
Mathematical specialists	-	-	-	-	-	-	15	-	-	-	-	54
Life and physical scientists	11	-	-	-	-	23	37	159	-	17	55	157
Chemists	5	-	-	-	-	-	5	37	-	6	-	34
Personnel and labor relations workers	79	10	40	10	9	21	14	69	6	5	9	398
Social scientists	45	-	6	-	-	25	15	45	-	15	34	145
Engineering and science technicians	46	23	-	-	11	9	5	99	28	20	462	730
Draftsmen	21	6	-	-	-	-	-	16	5	14	309	204
Electrical and electronic engineering technicians	5	12	-	-	11	-	-	9	-	-	29	286
Industrial and mechanical engineering technicians	-	-	-	-	-	-	-	-	-	-	-	12
Technicians, except health, and engineering and science	9	6	-	-	7	-	-	32	-	-	4	592
Writers, artists, and entertainers	218	11	98	144	646	4	10	139	36	90	299	329
Other professional, technical, and kindred workers	56	57	55	37	322	2 956	1 662	9 288	2 456	1 106	1 862	1 313
Managers and administrators, except farm	478	323	561	313	314	238	124	802	252	381	409	2 681
Buyers, purchasing agents, and sales managers	44	26	64	22	5	10	4	13	6	16	10	219
Other managers and administrators	434	297	497	291	309	228	120	789	246	365	399	2 462
Salaried	329	178	472	185	265	228	100	789	240	365	380	2 462
Self-employed	105	119	25	106	44	-	20	-	6	-	19	-
Sales workers	185	74	53	72	39	11	10	40	11	15	56	78
Clerical and kindred workers	1 062	605	1 355	611	398	1 053	878	2 867	687	933	1 950	9 645
Bookkeepers	94	67	138	47	50	53	91	67	29	107	252	448
Cashiers	5	25	172	43	89	22	-	16	12	72	-	119
Estimators and investigators, n.e.c	37	52	-	17	-	26	6	3	4	13	-	144
Office machine operators	217	-	-	5	-	15	5	119	17	8	134	456
Shipping and receiving clerks	-	-	-	6	-	-	-	-	-	-	-	111
Stock clerks and storekeepers	10	11	38	12	5	62	24	26	15	10	-	642
Other clerical and kindred workers	699	450	1 007	481	254	875	752	2 636	610	723	1 564	7 725
Craftsmen and kindred workers	309	1 583	204	277	144	145	92	153	81	70	77	4 310
Blacksmiths, forgemen, hammermen, and boilermakers	-	5	-	-	-	-	-	-	-	-	6	15
Brickmasons and stonemasons	-	-	-	-	-	-	-	4	-	5	-	37
Carpenters	11	-	43	6	5	17	-	18	10	21	11	262
Cranemen, derrickmen, and hoistmen	18	-	-	-	-	-	-	-	-	-	-	26
Electricians	-	25	19	-	5	25	-	4	7	5	-	361
Excavating, grading, and road machine operators	5	6	-	-	8	-	-	-	3	-	-	72
Foremen, n.e.c	68	23	14	87	11	8	3	20	-	16	11	353
Mechanics and repairmen	116	1 171	18	28	44	24	5	52	14	-	5	1 508
Automobile, including body	16	826	7	5	-	-	5	10	5	-	-	287
Machinists, job setters, and toolmakers	-	15	-	-	4	-	-	-	-	-	-	245
Metal craftsmen, except mechanics and machinists	-	-	5	-	-	-	-	-	-	-	4	110
Painters, construction and maintenance, and plasterers and paperhangers	6	5	47	5	-	26	-	11	4	13	7	199
Plumbers and pipe fitters	-	-	14	-	6	5	-	-	25	-	-	307
Printing craftsmen	12	-	-	-	-	-	-	23	5	-	-	60
Stationary engineers and power station operators	-	-	9	-	-	-	-	-	4	-	-	69
Other craftsmen and kindred workers	73	333	35	151	61	40	84	21	-	-	-	686
Operatives, except transport	260	439	186	1 160	33	136	19	97	9	10	33	654
Assemblers	-	-	-	-	6	-	-	-	11	20	123	5
Checkers, examiners, and inspectors; manufacturing	-	-	-	-	-	-	-	-	-	-	-	-
Filers, polishers, sanders, and buffers	-	9	-	-	-	-	-	-	-	-	-	5
Painters, manufactured articles	-	98	-	6	-	-	-	-	-	-	-	-
Precision machine operatives	-	-	-	-	-	-	-	-	-	-	-	4
Welders and flamecutters	6	104	-	-	-	-	-	-	-	-	-	131
Other specified operatives	120	149	101	1 126	22	133	13	5	2	15	102	235
Machine operatives, miscellaneous specified	14	42	-	6	-	-	-	17	9	-	5	59
Machine operatives, not specified	6	-	-	5	-	-	-	10	-	-	3	23
Miscellaneous operatives	103	37	71	7	5	3	6	60	-	5	8	179
Not specified operatives	11	-	14	30	-	-	-	5	-	-	5	13

Table 180. Occupation of Employed Persons by Industry Group and Sex: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Business services	Repair services	Hotels and lodging places	Other personal services, including private household	Entertainment and recreation services	Hospitals	Health services, except hospitals	Educational services, government	Educational services, private	Welfare, religious, and nonprofit membership organizations	Other professional and related services	Public administration
HONOLULU SMSA—Continued												
Total employed—Continued												
Transport equipment operatives	70	231	74	182	24	27	43	6	5	10	27	586
Deliverymen and routemen	32	16	-	103	4	5	16	6	5	-	-	17
Truck drivers	15	27	-	51	6	4	-	-	-	10	-	329
Other transport equipment operatives	23	188	74	28	14	18	27	-	-	-	27	240
Laborers, except farm	33	94	99	361	232	95	16	90	51	41	116	1 094
Freight, stock, and material handlers	11	5	10	20	3	34	4	13	-	4	15	424
Other specified laborers	10	81	39	305	204	38	12	69	42	22	91	537
Miscellaneous laborers	6	3	-	5	5	-	-	-	4	5	-	10
Not specified laborers	6	5	50	31	20	23	-	8	5	10	10	123
Farm workers	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	622	144	4 275	4 112	966	2 098	1 065	1 446	497	541	840	3 884
Cleaning service workers	395	38	1 863	34	152	358	147	742	171	197	51	792
Personal service workers	21	20	629	1 867	468	82	45	100	156	111	34	171
Guards and watchmen	153	11	79	-	11	6	-	8	17	11	19	300
Other service workers, including private household	53	75	1 704	2 211	335	1 652	873	596	153	222	736	2 541
Female employed	1 567	796	4 864	5 370	1 355	5 208	2 693	10 444	2 879	1 770	3 803	8 287
Professional, technical, and kindred workers	220	44	139	67	452	2 510	857	6 520	1 807	556	1 312	1 138
Accountants	19	28	30	-	9	19	20	30	-	8	151	284
Computer specialists	34	-	-	-	-	-	-	35	2	-	16	79
Life and physical scientists	-	-	-	-	-	14	13	21	-	-	11	16
Registered nurses, dietitians, and therapists	-	-	7	15	-	1 936	588	46	25	14	-	44
Social scientists	11	-	-	-	-	12	-	9	-	5	14	17
Writers, artists, and entertainers	94	-	49	31	269	-	-	53	26	66	135	79
Other professional, technical, and kindred workers	62	16	53	21	174	529	236	6 326	1 754	463	985	619
Managers and administrators, except farm	43	53	142	157	82	86	68	348	126	81	169	369
Salaried	27	24	130	96	80	86	52	348	120	81	160	369
Self-employed	16	29	12	61	2	-	16	-	6	-	9	-
Sales workers	47	49	49	42	34	11	10	26	11	10	37	63
Clerical and kindred workers	882	504	1 009	495	314	947	820	2 529	591	789	1 681	5 918
Bookkeepers	74	61	105	43	31	40	85	47	29	97	211	266
Cashiers	5	25	149	43	75	22	-	16	12	72	-	93
Counter clerks, except food	-	49	175	129	41	5	4	19	-	-	5	16
File clerks	21	-	5	-	-	50	34	82	10	9	23	232
Office machine operators	145	-	-	5	-	15	5	89	17	-	87	275
Bookkeeping and billing machine operators	-	-	-	-	-	10	-	12	-	-	5	19
Receptionists	15	5	25	44	4	152	308	26		30	73	43
Secretaries	286	86	163	23	48	195	100	493	214	320	585	1 349
Stenographers	13	6	5	6	5	32	49	258	10	47	25	638
Typists	65	20	42	-	22	95	75	534	113	48	102	1 108
Other clerical and kindred workers	258	252	340	202	88	341	160	965	186	166	570	1 906
Craftsmen and kindred workers	59	17	9	96	8	20	8	39	4	18	10	111
Foremen, n.e.c.	17	-	-	70	-	8	3	-	-	6	-	14
Operatives, except transport	85	50	90	954	19	102	13	60	4	12	18	48
Assemblers	-	-	-	-	-	-	-	-	-	-	-	-
Checkers, examiners, and inspectors, manufacturing	-	-	-	-	-	-	-	-	-	-	-	-
Packers and wrappers, except meat and produce	-	6	-	5	-	-	-	-	-	-	-	-
Other operatives, except transport	85	44	90	949	19	102	13	60	4	12	18	48
Transport equipment operatives	12	9	10	13	-	-	-	-	-	-	-	-
Laborers, except farm	6	19	-	55	35	34	5	17	-	5	8	53
Farm workers	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	213	51	2 616	3 491	411	1 508	912	905	336	299	568	587
Cleaning service workers	183	13	1 528	11	18	213	82	284	72	51	21	293
Personal service workers	21	4	268	1 498	216	59	40	72	133	91	27	57
Other service workers, including private household	9	34	820	1 982	177	1 236	790	549	131	157	520	237

Table 181. Occupation of Employed Negroes by Major Industry: 1970

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

The State

	Negroes 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing: Durable goods	Manufacturing: Nondurable goods, including not specified manufacturing	Transportation, communications, and other public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Business and repair services	Personal services	Entertainment and recreation services	Professional and related services	Public administration
Total employed	1 173	-	-	98	95	49	116	42	189	34	54	62	26	244	164
Professional, technical, and kindred workers	262	-	-	-	-	-	5	5	8	-	11	9	17	180	27
Accountants	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Engineers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Life and physical scientists	4	-	-	-	-	-	-	-	-	-	-	-	-	4	-
Health workers	33	-	-	-	-	-	-	-	-	-	-	-	-	33	-
Social scientists	5	-	-	-	-	-	-	-	-	-	-	-	-	5	-
Engineering and science technicians	29	-	-	-	-	-	5	5	-	-	5	-	-	4	10
Technicians, except health, and engineering and science	5	-	-	-	-	-	-	-	-	-	-	-	-	-	5
Writers, artists, and entertainers	28	-	-	-	-	-	-	-	8	-	6	4	10	-	-
Other professional, technical, and kindred workers	156	-	-	-	-	-	-	-	-	-	-	5	7	134	10
Managers and administrators, except farm	43	-	-	-	5	-	-	5	4	9	12	-	-	-	8
Buyers, purchasing agents, and sales managers	22	-	-	-	-	-	-	5	4	9	-	-	-	-	4
Other managers and administrators	21	-	-	-	5	-	-	-	-	-	12	-	-	-	4
Salaried	13	-	-	-	-	-	-	-	-	-	9	-	-	-	4
Self-employed	8	-	-	-	5	-	-	-	-	-	3	-	-	-	-
Sales workers	78	-	-	-	-	-	-	-	68	-	7	-	3	-	-
Clerical and kindred workers	253	-	-	5	26	-	21	8	38	25	11	7	6	21	85
Bookkeepers	10	-	-	-	-	-	-	2	8	-	-	-	-	-	-
Cashiers and receptionists	19	-	-	-	-	-	-	-	13	-	-	-	6	-	-
Office machine operators	25	-	-	-	-	-	8	-	-	5	-	-	-	-	12
Secretaries, stenographers, and typists	61	-	-	-	7	-	5	-	-	-	5	-	-	11	33
Shipping and stock clerks	31	-	-	-	14	-	-	-	13	-	-	-	-	-	4
Other clerical and kindred workers	107	-	-	5	5	-	8	6	4	20	6	7	-	10	36
Craftsmen and kindred workers	133	-	-	51	33	3	13	5	-	-	-	-	-	22	6
Blacksmiths, forgemen, hammermen, and boilermakers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carpenters	13	-	-	13	-	-	-	-	-	-	-	-	-	-	-
Construction craftsmen, except carpenters	31	-	-	19	9	-	-	-	-	-	-	-	-	-	3
Cranemen, derrickmen, and hoistmen	9	-	-	4	-	-	-	5	-	-	-	-	-	-	-
Foremen, n.e.c	6	-	-	-	6	-	-	-	-	-	-	-	-	-	3
Mechanics and repairmen	8	-	-	5	-	-	-	-	-	-	-	-	-	-	-
Automobile, including body	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Machinists, job setters, and toolmakers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metal craftsmen, except mechanics and machinists	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Printing craftsmen	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-
Other craftsmen and kindred workers	66	-	-	10	18	3	13	-	-	-	-	-	-	-	-
Operatives, except transport	106	-	-	10	21	36	11	7	8	-	-	5	-	-	8
Assemblers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Checkers, examiners, and inspectors; manufacturing	3	-	-	-	-	3	-	-	-	-	-	-	-	-	-
Precision machine operatives	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Welders and flamecutters	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other operatives, except transport	103	-	-	10	21	33	11	7	8	-	-	5	-	-	8
Transport equipment operatives	19	-	-	-	6	-	13	-	-	-	-	-	-	-	-
Deliverymen and routemen	5	-	-	-	-	-	5	-	-	-	-	-	-	-	-
Truck drivers	6	-	-	-	6	-	-	-	-	-	-	-	-	-	-
Other transport equipment operatives	8	-	-	-	-	-	8	-	-	-	-	-	-	-	-
Laborers, except farm	72	-	-	32	-	6	7	4	4	-	5	5	-	-	9
Freight, stock, and material handlers	27	-	-	-	-	6	4	4	4	-	-	-	-	-	9
Farm workers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, except private household	196	-	-	-	4	4	46	8	59	-	8	25	-	21	21
Cleaning service workers	27	-	-	-	4	-	-	-	9	-	-	5	-	-	9
Food service workers	88	-	-	-	-	-	33	-	30	-	-	16	-	9	-
Personal service workers	24	-	-	-	-	-	13	-	7	-	-	4	-	-	-
Guards and watchmen	25	-	-	-	-	4	-	8	-	-	8	-	-	-	5
Other service workers, except private household workers	32	-	-	-	-	-	-	-	13	-	-	-	-	12	7
Private household workers	11	-	-	-	-	-	-	-	-	-	-	11	-	-	-

Table 182. Occupation of Employed Persons of Spanish Language by Major Industry: 1970

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

The State

	Persons of Spanish language, 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing: Durable goods	Manufacturing: Nondurable goods, including not specified manufacturing	Transportation, communications, and other public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Business and repair services	Personal services	Entertainment and recreation services	Professional and related services	Public administration
Total employed	6 515	255	31	682	284	459	573	264	1 122	187	200	484	103	889	982
Professional, technical, and kindred workers	684	6	-	13	8	26	32	6	28	-	39	26	16	390	94
Accountants	25	-	-	-	-	-	-	-	-	-	13	-	-	-	12
Engineers	75	-	-	5	8	-	-	6	-	-	7	-	-	11	38
Life and physical scientists	10	-	-	-	-	-	-	-	-	-	-	-	-	6	4
Health workers	75	-	-	-	-	-	-	-	-	-	-	-	-	75	-
Social scientists	7	-	-	-	-	7	-	-	-	-	-	-	-	-	-
Engineering and science technicians	43	-	-	8	-	-	7	-	-	-	-	-	-	15	13
Technicians, except health, and engineering and science	22	-	-	-	-	-	8	-	7	-	-	-	-	-	7
Writers, artists, and entertainers	93	-	-	-	-	19	17	-	-	-	8	12	10	21	6
Other professional, technical, and kindred workers	334	6	-	-	-	-	-	-	21	-	11	14	6	262	14
Managers and administrators, except farm	362	-	-	32	-	20	19	35	103	14	13	4	-	26	96
Buyers, purchasing agents, and sales managers	52	-	-	-	-	-	-	14	22	7	-	-	-	-	9
Other managers and administrators	310	-	-	32	-	20	19	21	81	7	13	4	-	26	87
Salaried	268	-	-	25	-	13	19	21	60	7	6	4	-	26	87
Self-employed	42	-	-	7	-	7	-	-	21	-	7	-	-	-	-
Sales workers	356	-	-	-	15	-	5	14	223	68	-	8	-	8	15
Clerical and kindred workers	917	11	-	10	22	19	120	40	202	67	49	53	5	131	188
Bookkeepers	46	-	-	5	-	7	-	8	19	-	-	-	-	-	7
Cashiers and receptionists	123	-	-	-	-	-	9	-	83	-	-	7	5	14	5
Office machine operators	13	-	-	-	-	-	-	-	-	6	-	-	-	7	-
Secretaries, stenographers, and typists	209	-	-	-	6	12	17	-	-	25	-	19	-	70	60
Shipping and stock clerks	92	-	-	-	-	-	8	7	36	-	-	-	-	8	33
Other clerical and kindred workers	434	11	-	5	16	-	86	25	64	36	49	27	-	32	83
Craftsmen and kindred workers	1 237	20	7	429	122	119	129	64	68	9	47	7	15	10	181
Blacksmiths, forgemen, hammermen, and boilermakers	21	-	-	-	16	-	-	-	-	-	-	-	-	-	5
Carpenters	70	-	7	51	8	-	-	-	-	-	-	-	-	-	4
Construction craftsmen, except carpenters	399	9	-	267	7	13	-	15	-	-	-	7	8	10	63
Cranemen, derrickmen, and hoistmen	77	11	-	7	9	27	17	-	-	-	-	-	-	-	6
Foremen, n.e.c.	136	-	-	37	18	25	11	23	15	-	-	-	-	-	7
Mechanics and repairmen	234	-	-	13	18	13	42	14	37	9	39	-	-	-	49
Automobile, including body	70	-	-	-	-	5	-	-	32	-	33	-	-	-	-
Machinists, job setters, and toolmakers	53	-	-	-	21	20	-	-	-	-	-	-	-	-	12
Metal craftsmen, except mechanics and machinists	33	-	-	13	14	-	-	-	-	-	-	-	-	-	6
Printing craftsmen	6	-	-	-	-	6	-	-	-	-	-	-	-	-	-
Other craftsmen and kindred workers	208	-	-	41	21	15	59	12	16	-	8	-	7	-	29
Operatives, except transport	585	12	-	46	58	198	39	42	91	-	20	27	-	15	37
Assemblers	8	-	-	-	8	-	-	-	-	-	-	-	-	-	-
Checkers, examiners, and inspectors: manufacturing	9	-	-	-	-	9	-	-	-	-	-	-	-	-	-
Precision machine operatives	8	-	-	-	8	-	-	-	-	-	-	-	-	-	-
Welders and flamecutters	35	-	-	15	-	8	-	7	-	-	-	-	-	-	5
Other operatives, except transport	525	12	-	31	42	181	39	35	91	-	20	27	-	15	32
Transport equipment operatives	440	46	24	38	13	46	118	30	21	-	-	13	-	12	79
Deliverymen and routemen	52	-	-	7	-	12	6	9	13	-	-	5	-	-	-
Truck drivers	274	46	24	31	13	34	47	21	-	-	-	-	-	12	46
Other transport equipment operatives	114	-	-	-	-	-	65	-	8	-	-	8	-	-	33
Laborers, except farm	411	14	-	114	25	13	39	33	27	-	-	20	23	23	80
Freight, stock, and material handlers	125	-	-	-	13	7	39	28	27	-	-	-	-	11	-
Farm workers	146	146	-	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, except private household	1 317	-	-	-	11	18	72	-	359	29	32	266	44	274	212
Cleaning service workers	389	-	-	-	6	6	25	-	32	22	25	62	6	115	90
Food service workers	584	-	-	-	5	7	16	-	288	-	-	138	21	79	30
Personal service workers	151	-	-	-	-	-	31	-	26	-	-	66	10	18	-
Guards and watchmen	28	-	-	-	-	5	-	-	-	7	7	-	-	-	9
Other service workers, except private household workers	165	-	-	-	-	-	-	-	13	-	-	-	7	62	83
Private household workers	60	-	-	-	-	-	-	-	-	-	-	60	-	-	-

Table 183. Detailed Industry of the Experienced Civilian Labor Force and Employed Persons, by Sex: 1970 and 1960

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

The State	1970						1960			
	Experienced civilian labor force				Employed		Experienced civilian labor force		Employed	
	16 years old and over		14 years old and over		14 years old and over		14 years old and over		14 years old and over	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total	**173 075**	**120 643**	**174 671**	**121 444**	**170 412**	**117 398**	**140 895**	**76 466**	**136 821**	**72 549**
Agriculture, forestry, and fisheries	**11 126**	**2 460**	**10 370**	**2 143**	**10 085**	**2 019**	**14 275**	**2 481**	**13 673**	**2 308**
Agricultural production	9 292	1 941	9 345	1 972	9 138	1 865	12 761	2 295	12 236	2 134
Agricultural services, except horticultural	127	104	132	104	132	98	443	127	425	118
Horticultural services	389	20	403	23	345	23	441	33	423	30
Forestry	104	6	104	6	99	6	46	5	46	5
Fisheries	380	38	386	38	371	27	584	21	543	21
Agriculture, forestry, and fisheries – allocated	834	351	...	...	...	...	...	...	...	...
Mining	**303**	**31**	**281**	**31**	**275**	**31**	**137**	–	**133**	–
Metal mining	5	–	5	–	5	–	–	–	–	–
Coal mining	–	–	–	–	–	–	4	–	–	–
Crude petroleum and natural gas extractions	46	9	46	9	46	9	3	–	3	–
Nonmetallic mining and quarrying, except fuel	230	22	230	22	224	22	130	–	130	–
Mining – allocated	22	–	...	...	...	...	...	...	...	...
Construction	**25 873**	**1 756**	**23 974**	**1 654**	**23 143**	**1 600**	**19 889**	**1 021**	**18 908**	**974**
General building contractors	7 117	410	7 129	410	6 814	400	4 354	158	4 140	151
General contractors, except building	3 840	239	3 840	239	3 736	234	3 497	173	3 325	165
Special trade contractors	8 730	633	8 739	645	8 503	621	7 800	355	7 414	338
Not specified construction	4 255	360	4 266	360	4 090	345	4 238	335	4 029	320
Construction – allocated	1 931	114	...	...	...	...	...	...	...	...
Manufacturing	**22 442**	**9 856**	**21 446**	**9 221**	**21 010**	**8 586**	**25 503**	**9 571**	**24 880**	**8 743**
Durable goods	**8 637**	**1 569**	**7 990**	**1 500**	**7 806**	**1 380**	**6 916**	**1 103**	**6 723**	**1 058**
Lumber and wood products, except furniture	346	79	346	79	324	75	371	54	347	54
Logging	13	–	13	–	13	–	1	–	1	–
Sawmills, planing mills, and millwork	160	37	160	37	148	33	180	22	172	22
Miscellaneous wood products	173	42	173	42	163	42	190	32	174	32
Furniture and fixtures	404	168	404	168	386	157	443	124	420	120
Stone, clay, and glass products	952	100	952	100	912	91	557	47	531	47
Glass and glass products	107	4	107	4	96	4	14	20	10	20
Cement, concrete, gypsum, and plaster products	783	78	783	78	763	78	448	8	431	8
Structural clay products	4	–	4	–	–	–	77	16	72	16
Pottery and related products	9	4	9	4	9	4	7	3	7	3
Miscellaneous nonmetallic mineral and stone products	49	14	49	14	44	5	11	–	11	–
Metal industries	824	137	829	137	791	121	917	129	859	129
Primary metal industries	268	21	273	21	253	16	182	11	174	11
Blast furnaces, steelworks, rolling and finishing mills	183	5	183	5	173	5	101	–	93	–
Other primary iron and steel industries	65	8	70	8	60	8	40	8	40	8
Primary aluminum industries	10	8	10	8	10	3	11	–	11	–
Other primary nonferrous industries	10	–	10	–	10	–	30	3	30	3
Fabricated metal industries	556	116	556	116	538	105	735	118	685	118
Cutlery, handtools, and other hardware	–	5	–	5	–	–	4	1	4	1
Fabricated structural metal products	230	51	230	51	222	45	537	71	501	71
Screw-machine products	5	–	5	–	5	–	19	4	18	4
Metal stamping	2	–	2	–	2	–	37	16	34	16
Miscellaneous fabricated metal products	292	60	292	60	287	60	134	26	124	26
Not specified metal industries	27	–	27	–	22	–	4	–	4	–
Machinery, except electrical	648	129	648	129	648	110	249	33	241	33
Engines and turbines	20	–	20	–	20	–	11	2	11	2
Farm machinery and equipment	20	10	20	10	20	5	8	–	8	–
Construction and material-handling machines	84	–	84	–	84	–	27	4	26	4
Metalworking machinery	27	3	27	3	27	3	31	4	29	4
Office and accounting machines	82	13	82	13	82	8	42	–	42	–
Electronic computing equipment	44	18	44	18	44	18	6	–	6	–
Machinery, except electrical, n.e.c.	359	79	359	79	359	70	86	17	82	17
Not specified machinery	12	6	12	6	12	6	38	6	37	6
Electrical machinery, equipment, and supplies	267	33	267	33	267	17	157	53	157	45
Household appliances	10	12	10	12	10	12	23	4	23	3
Radio, television, and communication equipment	107	11	107	11	107	5	42	13	42	11
Electrical machinery, equipment, and supplies, n.e.c.	76	10	76	10	76	–	69	31	69	26
Not specified electrical machinery, equipment, and supplies	74	–	74	–	74	–	23	5	23	5
Transportation equipment	4 068	324	4 073	324	4 023	320	3 875	418	3 835	393
Motor vehicles and motor vehicle equipment	66	25	66	25	62	25	25	8	25	8
Aircraft and parts	63	18	63	18	56	14	43	17	43	4
Ship and boat building and repairing	3 927	276	3 932	276	3 893	276	3 790	393	3 750	381
Railroad locomotives and equipment	6	–	6	–	6	–	10	–	10	–
Mobile dwellings and campers	6	–	6	–	6	–	5	–	5	–
Cycles and miscellaneous transportation equipment	–	5	–	5	–	5	2	–	2	–
Professional and photographic equipment, and watches	44	52	44	52	44	47	42	20	42	20
Scientific and controlling instruments	4	–	4	–	4	–	13	7	13	7
Optical and health services supplies	17	35	17	35	17	30	8	8	8	8
Photographic equipment and supplies	23	9	23	9	23	9	–	–	–	–
Watches, clocks, and clockwork-operated devices	–	–	–	–	–	–	11	–	11	–
Not specified professional equipment	–	8	–	8	–	8	10	5	10	5
Ordnance	46	5	46	5	46	5	95	19	89	19
Miscellaneous manufacturing industries	381	466	381	473	365	437	210	206	202	198
Manufacturing, durable goods – allocated	657	76	...	...	...	...	...	...	...	...
Nondurable goods	**13 733**	**8 241**	**13 384**	**7 675**	**13 140**	**7 160**	**18 475**	**8 432**	**18 057**	**7 653**
Food and kindred products	9 910	3 848	9 918	3 869	9 742	3 466	15 219	5 399	14 873	4 684
Meat products	185	114	185	119	178	119	242	170	233	162
Dairy products	309	27	309	27	309	17	767	123	759	114
Canning and preserving fruits, vegetables, and seafoods	2 210	2 604	2 210	2 615	2 072	2 303	4 230	3 862	3 999	3 212
Grain-mill products	136	47	136	47	136	47	76	41	72	41
Bakery products	312	171	312	171	312	162	599	496	578	480
Confectionery and related products	84	189	84	189	84	144	64	74	60	54
Beverage industries	446	62	446	62	446	51	530	62	522	62
Miscellaneous food preparation and kindred products	5 664	467	5 672	472	5 651	462	8 687	548	8 626	540
Not specified food industries	564	167	564	167	554	161	24	23	24	19
Tobacco manufactures	5	–	5	–	5	–	16	–	16	–
Textile mill products	71	85	71	90	71	80	36	51	36	35
Knitting mills	5	5	5	5	5	–	4	–	4	–
Dyeing and finishing textiles, except wool and knit goods	16	21	16	26	16	21	5	8	5	4
Floor coverings, except hard surface	5	–	5	–	5	–	4	13	4	5
Yarn, thread, and fabric mills	34	54	34	54	34	54	19	30	19	26
Miscellaneous textile mill products	11	5	11	5	11	5	4	–	4	–
Apparel and other fabricated textile products	305	2 316	305	2 316	305	2 296	161	1 890	161	1 866
Apparel and accessories	275	2 192	275	2 192	275	2 178	138	1 874	138	1 850
Miscellaneous fabricated textile products	30	124	30	124	30	118	23	16	23	16

Table 183. **Detailed Industry of the Experienced Civilian Labor Force and Employed Persons, by Sex: 1970 and 1960** – Continued

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

The State	1970						1960			
	Experienced civilian labor force				Employed		Experienced civilian labor force		Employed	
	16 years old and over		14 years old and over		14 years old and over		14 years old and over		14 years old and over	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Manufacturing – Continued										
Nondurable goods – Continued										
Paper and allied products	226	102	226	102	220	88	287	27	275	27
Pulp, paper, and paperboard mills	30	19	30	19	30	19	219	8	207	8
Miscellaneous paper and pulp products	55	19	55	19	55	16	25	15	25	15
Paperboard containers and boxes	141	64	141	64	135	53	43	4	43	4
Printing, publishing, and allied industries	1 621	900	2 097	940	2 051	904	2 142	847	2 091	831
Newspaper publishing and printing	956	472	1 421	508	1 390	487	1 618	521	1 571	514
Printing, publishing, and allied industries, except newspapers	665	428	676	432	661	417	524	326	520	317
Chemicals and allied products	352	188	352	188	347	178	398	107	394	103
Industrial chemicals	58	5	58	5	58	5	55	7	54	7
Plastics, synthetics and resins, except fibers	5	5	5	5	–	–	22	9	22	9
Synthetic fibers	–	–	–	–	–	–	–	–	–	–
Drugs and medicines	43	11	43	11	43	6	15	–	15	–
Soaps and cosmetics	68	88	68	88	68	88	38	42	37	40
Paints, varnishes, and related products	19	10	19	10	19	10	26	–	26	–
Agricultural chemicals	113	43	113	43	113	43	28	2	27	2
Miscellaneous chemicals	10	10	10	10	10	10	34	5	34	5
Not specified chemicals and allied products	36	16	36	16	36	16	180	42	179	40
Petroleum and coal products	206	11	206	11	201	11	97	21	97	21
Petroleum refining	180	4	180	4	180	4	94	11	94	11
Miscellaneous petroleum and coal products	26	7	26	7	21	7	3	10	3	10
Rubber and miscellaneous plastic products	140	57	140	57	134	52	62	4	57	–
Rubber products	68	16	68	16	68	16	32	–	32	–
Miscellaneous plastic products	72	41	72	41	66	36	30	4	25	–
Leather and leather products	64	102	64	102	64	85	57	86	57	86
Tanned, curried, and finished leather	–	–	–	–	–	–	–	–	–	–
Footwear, except rubber	58	87	58	87	58	70	57	74	57	74
Leather products, except footwear	6	15	6	15	6	15	–	12	–	12
Manufacturing, nondurable goods – allocated	833	632	...	...	...	...	...	...	...	...
Not specified manufacturing industries	**72**	**46**	**72**	**46**	**64**	**46**	**112**	**36**	**100**	**32**
Transportation, communications, and other public utilities	**19 115**	**5 693**	**17 510**	**5 416**	**17 210**	**5 293**	**14 216**	**2 852**	**13 964**	**2 770**
Transportation	**10 497**	**3 229**	**10 507**	**3 244**	**10 250**	**3 159**	**9 731**	**1 584**	**9 495**	**1 544**
Railroads and railway express service	44	12	49	12	43	12	380	29	371	29
Street railways and bus lines	711	169	711	178	706	174	764	194	756	194
Taxicab service	748	86	748	86	719	86	646	90	637	81
Trucking service	1 895	269	1 895	275	1 828	270	1 717	106	1 664	102
Warehousing and storage	440	102	440	102	408	96	286	30	277	30
Water transportation	1 895	170	1 895	170	1 863	170	3 132	197	3 058	193
Air transportation	3 821	1 562	3 821	1 562	3 775	1 527	2 475	682	2 423	659
Pipelines, except natural gas	–	–	–	–	–	–	22	–	22	–
Services incidental to transportation	943	859	948	859	908	824	309	256	287	256
Communications	**3 645**	**1 732**	**3 645**	**1 743**	**3 610**	**1 717**	**1 594**	**918**	**1 590**	**886**
Radio broadcasting and television	383	123	383	123	368	117	309	98	309	98
Telephone (wire and radio)	2 619	1 464	2 619	1 475	2 614	1 462	1 251	780	1 247	748
Telegraph and miscellaneous communication services	643	145	643	145	628	138	34	40	34	40
Utilities and sanitary services	**3 352**	**429**	**3 358**	**429**	**3 350**	**417**	**2 891**	**350**	**2 879**	**340**
Electric light and power	1 678	245	1 678	245	1 678	239	969	98	963	93
Electric-gas utilities	95	16	95	16	95	10	396	40	394	38
Gas and steam supply systems	192	44	192	44	189	44	313	53	313	53
Water supply	570	106	570	106	565	106	693	126	689	126
Sanitary services	771	18	777	18	777	18	467	18	467	15
Other and not specified utilities	46	–	46	–	46	–	53	15	53	15
Transportation, communications, and other public utilities – allocated	**1 621**	**303**	...	...	...	...	...	...	...	...
Wholesale and retail trade	**30 058**	**32 917**	**27 930**	**30 142**	**27 257**	**29 108**	**21 596**	**19 223**	**21 031**	**18 111**
Wholesale trade	**7 925**	**3 615**	**7 425**	**3 416**	**7 313**	**3 301**	**6 042**	**2 173**	**5 924**	**2 040**
Motor vehicles and equipment	499	187	504	187	487	187	254	94	250	94
Drugs, chemicals, and allied products	373	183	373	183	366	183	186	52	186	52
Dry goods and apparel	100	163	100	163	100	158	97	118	97	111
Food and related products	1 540	931	1 544	944	1 535	894	1 120	423	1 083	405
Farm products – raw materials	17	6	17	6	17	6	34	8	34	8
Electrical goods	482	167	482	167	474	167	248	92	241	83
Hardware, plumbing, and heating supplies	137	36	143	36	143	31	190	71	185	64
Not specified electrical and hardware products	9	12	9	12	9	12	36	10	36	9
Machinery, equipment, and supplies	1 029	284	1 039	288	1 031	278	558	132	550	121
Metals and minerals, n.e.c	64	17	64	17	64	17	243	107	239	104
Petroleum products	345	29	345	29	336	29	455	72	447	72
Scrap and waste materials	175	21	180	21	175	21	400	34	392	33
Alcoholic beverages	189	70	189	70	185	66	330	130	324	125
Paper and its products	178	75	178	75	174	75	257	107	252	104
Lumber and construction materials	893	207	893	207	887	207	473	124	464	120
Wholesalers, n.e.c	1 102	858	1 109	858	1 084	822	740	406	727	391
Not specified wholesale trade	256	153	256	153	246	148	421	193	417	184
Wholesale trade – allocated	537	216	...	...	...	...	...	...	...	...
Retail trade	**22 133**	**29 302**	**20 505**	**26 726**	**19 944**	**25 807**	**15 554**	**17 050**	**15 107**	**16 031**
Lumber and building material retailing	613	175	613	180	593	175	843	162	816	162
Hardware and farm equipment stores	180	133	180	133	175	122	258	105	253	94
General merchandise stores	2 526	5 848	2 545	5 883	2 473	5 662	1 905	3 964	1 856	3 691
Department and mail-order establishments	1 403	2 957	1 408	2 963	1 362	2 838	1 299	2 548	1 265	2 381
Limited-price variety stores	168	671	168	687	163	651	120	763	116	698
Vending machine operators	77	6	77	6	71	6	66	9	65	9
Direct-selling establishments	181	503	190	508	184	497	120	268	117	251
Miscellaneous general merchandise stores	697	1 711	702	1 719	693	1 670	300	376	293	352
Food stores	3 412	3 535	3 471	3 556	3 422	3 415	2 852	2 370	2 768	2 318
Grocery stores	2 588	2 531	2 636	2 547	2 604	2 445	2 400	2 032	2 329	1 988
Dairy products stores	68	6	68	6	68	6	65	50	63	49
Retail bakeries	476	702	487	707	470	672	67	100	65	98
Food stores, n.e.c	280	296	280	296	280	292	320	188	311	183
Motor vehicle dealers	2 120	412	2 128	417	2 102	405	1 437	244	1 425	227
Tire, battery, and accessory dealers	274	137	274	137	274	137	298	87	295	81
Gasoline service stations	2 526	489	2 606	494	2 557	494	1 915	186	1 829	178

Table 183. Detailed Industry of the Experienced Civilian Labor Force and Employed Persons, by Sex: 1970 and 1960 — Continued

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

The State	1970						1960			
	Experienced civilian labor force				Employed		Experienced civilian labor force		Employed	
	16 years old and over		14 years old and over		14 years old and over		14 years old and over		14 years old and over	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Wholesale and retail trade — Continued										
Retail trade — Continued										
Miscellaneous vehicle dealers	151	44	151	44	146	38	96	22	95	20
Apparel and accessories stores, except shoe stores	440	2 214	440	2 217	415	2 134	416	1 553	412	1 460
Shoe stores	193	165	193	168	185	163	162	91	157	80
Furniture and home furnishings stores	717	308	717	308	686	308	497	236	484	224
Household appliances, television, and radio stores	638	294	643	294	629	270	690	351	682	326
Eating and drinking places	4 090	9 052	4 162	9 143	3 992	8 825	2 412	5 480	2 331	5 087
Drugstores	348	614	353	614	348	592	325	494	308	449
Liquor stores	62	112	62	112	45	112	56	84	56	76
Farm and garden supply stores	84	46	88	46	88	46	142	36	135	35
Jewelry stores	174	464	180	467	174	455	183	180	183	177
Fuel and ice dealers	17	5	17	5	17	5	39	4	39	4
Retail florists	137	303	143	303	137	298	118	262	109	242
Miscellaneous retail stores	1 057	1 376	1 087	1 386	1 038	1 342	567	680	540	652
Not specified retail trade	446	819	452	819	448	809	343	459	334	448
Retail trade — allocated	1 928	2 763	...	...	...	...	...	...	...	...
Finance, insurance, and real estate	**6 850**	**7 673**	**6 437**	**7 191**	**6 396**	**7 090**	**4 306**	**3 684**	**4 259**	**3 555**
Banking	1 359	2 457	1 359	2 467	1 354	2 438	1 063	1 433	1 054	1 386
Credit agencies	703	1 060	703	1 060	698	1 046	549	471	545	456
Security, commodity brokerage, and investment companies	633	260	633	260	633	260	310	167	306	155
Insurance	1 740	1 483	1 744	1 483	1 735	1 458	1 314	834	1 305	803
Real estate, including real estate-insurance-law offices	1 993	1 915	1 998	1 921	1 976	1 888	1 070	779	1 049	755
Finance, insurance, and real estate — allocated	422	498	...	...	...	...	...	...	...	...
Business and repair services	**5 996**	**2 863**	**5 590**	**2 635**	**5 443**	**2 491**	**3 591**	**1 224**	**3 459**	**1 166**
Business services	2 437	1 794	2 463	1 799	2 392	1 703	1 087	936	1 045	898
Advertising	194	187	194	187	190	187	100	64	97	64
Services to dwellings and other buildings	467	290	467	290	452	268	204	70	196	67
Commercial research, development, and testing labs	88	31	88	31	88	22	196	107	189	102
Employment and temporary help agencies	79	230	79	230	67	205	22	122	21	116
Business management and consulting services	347	254	347	254	333	245	84	89	81	85
Computer programing services	309	173	309	173	309	173	6	–	6	–
Detective and protective services	281	41	281	41	281	41	76	12	73	12
Business services, n.e.c	672	588	698	593	672	562	399	472	382	452
Repair services	3 101	828	3 127	836	3 051	788	2 504	288	2 414	268
Automobile services, except repair	665	424	685	424	656	402	277	95	265	88
Automobile repair and related services	1 487	168	1 487	168	1 449	168	1 356	129	1 299	121
Electrical repair shops	320	74	320	74	320	74	390	35	381	32
Miscellaneous repair services	629	162	635	170	626	144	481	29	469	27
Business and repair services — allocated	458	241	...	...	...	...	...	...	...	...
Personal services	**7 588**	**13 609**	**6 879**	**12 269**	**6 726**	**11 915**	**4 388**	**10 615**	**4 208**	**10 081**
Private households	519	1 939	575	2 002	557	1 957	1 067	4 776	1 013	4 491
Hotels and motels	4 782	6 353	4 802	6 359	4 684	6 148	1 655	1 811	1 576	1 721
Lodging places, except hotels and motels	99	240	99	250	92	250	220	374	210	356
Laundering, cleaning, and other garment services	584	1 337	584	1 347	579	1 311	643	1 825	631	1 741
Beauty shops	99	1 318	99	1 318	99	1 275	75	1 126	74	1 114
Barber shops	341	392	341	399	336	399	372	8	369	8
Shoe repair shops	59	3	59	3	59	3	81	20	76	20
Dressmaking shops	–	217	–	217	–	217	5	383	5	379
Miscellaneous personal services	317	374	320	374	320	355	270	292	254	251
Personal services — allocated	780	1 436	...	...	...	...	...	...	...	...
Entertainment and recreation services	**2 212**	**1 769**	**1 912**	**1 518**	**1 810**	**1 421**	**1 533**	**1 036**	**1 450**	**944**
Theaters and motion pictures	651	620	676	625	623	581	430	393	419	359
Bowling alleys, and billiard and pool parlors	221	108	234	108	228	108	284	114	257	102
Miscellaneous entertainment and recreation services	970	776	1 002	785	959	732	819	529	774	483
Entertainment and recreation services — allocated	370	265	...	...	...	...	...	...	...	...
Professional and related services	**17 557**	**32 444**	**16 242**	**30 111**	**16 098**	**29 524**	**10 365**	**17 100**	**10 264**	**16 738**
Health services	3 704	9 693	3 709	9 697	3 688	9 526	3 098	5 550	3 068	5 438
Offices of physicians	556	1 119	556	1 123	556	1 114	647	669	641	656
Offices of dentists	365	663	365	663	365	652	323	237	322	233
Offices of chiropractors	10	9	10	9	10	9	73	23	73	22
Hospitals	2 053	6 314	2 058	6 314	2 047	6 207	1 633	3 694	1 612	3 616
Convalescent institutions	120	600	120	600	120	591	145	490	144	481
Offices of health practitioners, n.e.c	31	69	31	69	31	69	90	37	90	37
Health services, n.e.c	569	919	569	919	559	884	187	400	186	393
Legal services	463	513	463	513	463	501	382	221	378	210
Educational services	7 577	16 116	7 625	16 201	7 549	15 913	3 581	9 073	3 548	8 912
Elementary and secondary schools	3 569	11 222	3 608	11 273	3 580	11 085	2 055	7 069	2 039	6 941
Government	2 761	8 855	2 791	8 879	2 763	8 702	1 798	5 785	1 786	5 673
Private	808	2 367	817	2 394	817	2 383	257	1 284	253	1 268
Colleges and universities	3 498	3 493	3 498	3 518	3 457	3 440	1 289	1 230	1 276	1 210
Government	3 018	2 895	3 018	2 913	2 977	2 871	665	634	660	622
Private	480	598	480	605	480	569	624	596	616	588
Libraries	89	416	98	420	98	418	38	261	38	257
Educational services, n.e.c	421	979	421	984	414	964	149	412	146	406
Not specified educational services	–	6	–	6	–	6	50	101	49	98
Museums, art galleries, and zoos	205	129	211	129	197	129	38	19	36	19
Religious organizations	737	476	741	486	737	475	825	453	821	444
Welfare services	387	904	404	908	404	866	254	351	252	342
Residential welfare facilities	25	54	25	54	25	54	61	172	61	168
Nonprofit membership organizations	694	718	699	721	692	692	611	557	607	540
Engineering and architectural services	1 248	313	1 248	313	1 239	306	763	125	750	116
Accounting, auditing, and bookkeeping services	771	775	777	775	768	755	464	374	464	353
Miscellaneous professional and related services	340	309	340	314	336	307	288	205	279	196
Professional and related services — allocated	1 406	2 444	...	...	...	...	...	...	...	...
Public administration	**23 958**	**9 420**	**22 601**	**9 013**	**22 035**	**8 748**	**17 094**	**5 239**	**16 771**	**5 046**
Postal service	1 588	401	1 588	401	1 565	394	898	174	889	160
Federal public administration	13 632	5 618	13 648	5 618	13 163	5 444	10 740	3 694	10 487	3 552
State public administration	2 879	2 114	2 890	2 114	2 879	2 054	2 109	916	2 071	885
Local public administration	4 475	880	4 475	880	4 428	856	3 347	455	3 324	449
Public administration — allocated	1 384	407	...	...	...	...	...	...	...	...
Unemployed persons, last worked 1959 or earlier[1]	**5**	**152**	...	...	...	...	...	...	...	...
Industry not reported[1]	...	...	**13 499**	**10 100**	**12 924**	**9 572**	**4 002**	**2 420**	**3 821**	**2 113**

[1] See text for explanation.

Table 184. Detailed Industry of Employed Persons by Race and Sex: 1970

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	The State						Standard metropolitan statistical areas	
	Total		Negro		Persons of Spanish language		Honolulu	
	Male	Female	Male	Female	Male	Female	Male	Female
Total employed, 16 years old and over	**168 940**	**116 616**	**668**	**585**	**4 208**	**2 307**	**123 896**	**96 356**
Agriculture, forestry, and fisheries	**10 830**	**2 336**	-	-	**225**	**20**	**3 618**	**1 024**
Agricultural production	9 091	1 834	-	-	206	12	2 487	696
Agricultural services, except horticultural	127	98	-	-	6	-	83	75
Horticultural services	335	20	-	-	8	-	316	15
Forestry	99	6	-	-	15	-	98	6
Fisheries	365	27	-	-	-	8	243	27
Agriculture, forestry, and fisheries – allocated	813	351	-	-	-	-	431	205
Mining	**297**	**31**	-	-	**31**	-	**253**	**26**
Metal mining	5	-	-	-	-	-	5	-
Coal mining	-	-	-	-	-	-	-	-
Crude petroleum and natural gas extractions	46	9	-	-	-	-	46	4
Nonmetallic mining and quarrying, except fuel	224	22	-	-	31	-	186	22
Mining – allocated	22	-	-	-	-	-	16	-
Construction	**24 946**	**1 692**	**98**	-	**672**	**10**	**20 367**	**1 444**
General building contractors	6 802	400	45	-	162	-	5 708	346
General contractors, except building	3 736	234	16	-	117	5	2 586	191
Special trade contractors	8 494	609	24	-	297	-	7 377	553
Not specified construction	4 079	345	-	-	56	5	3 113	257
Construction – allocated	1 835	104	13	-	40	-	1 583	97
Manufacturing	**21 973**	**9 186**	**113**	**31**	**571**	**172**	**15 968**	**7 653**
Durable goods	**8 435**	**1 443**	**82**	**13**	**248**	**36**	**7 858**	**1 260**
Lumber and wood products, except furniture	324	75	4	-	-	-	268	69
Logging	13	-	-	-	-	-	5	-
Sawmills, planing mills, and millwork	148	33	-	-	-	-	133	27
Miscellaneous wood products	163	42	4	-	-	-	130	42
Furniture and fixtures	386	157	-	-	10	14	380	157
Stone, clay, and glass products	912	91	6	-	15	5	818	81
Glass and glass products	96	4	-	-	-	-	76	-
Cement, concrete, gypsum, and plaster products	763	78	6	-	15	5	689	72
Structural clay products	-	-	-	-	-	-	-	-
Pottery and related products	9	4	-	-	-	-	9	4
Miscellaneous nonmetallic mineral and stone products	44	5	-	-	-	-	44	5
Metal industries	791	121	9	-	29	6	702	100
Primary metal industries	253	16	9	-	-	6	242	12
Blast furnaces, steelworks, rolling and finishing mills	173	5	9	-	-	6	173	5
Other primary iron and steel industries	60	8	-	-	-	-	49	4
Primary aluminum industries	10	3	-	-	-	-	10	3
Other primary nonferrous industries	10	-	-	-	-	-	10	-
Fabricated metal industries	538	105	-	-	29	-	460	88
Cutlery, handtools, and other hardware	-	-	-	-	-	-	-	-
Fabricated structural metal products	222	45	-	-	8	-	202	32
Screw-machine products	5	-	-	-	-	-	5	-
Metal stamping	2	-	-	-	-	-	-	-
Miscellaneous fabricated metal products	287	60	-	-	21	-	231	56
Not specified metal industries	22	-	-	-	-	-	22	-
Machinery, except electrical	648	110	-	-	19	-	509	96
Engines and turbines	20	-	-	-	-	-	15	-
Farm machinery and equipment	20	5	-	-	-	-	20	5
Construction and material-handling machines	84	-	-	-	13	-	20	-
Metalworking machinery	27	3	-	-	-	-	20	3
Office and accounting machines	82	8	-	-	-	-	72	8
Electronic computing equipment	44	18	-	-	-	-	39	18
Machinery, except electrical, n.e.c	359	70	-	-	6	-	311	56
Not specified machinery	12	6	-	-	-	-	12	6
Electrical machinery, equipment, and supplies	267	17	13	-	7	-	259	17
Household appliances	10	12	-	-	-	-	10	12
Radio, television, and communication equipment	107	5	13	-	-	-	103	5
Electrical machinery, equipment, and supplies, n.e.c	76	-	-	-	7	-	72	-
Not specified electrical machinery, equipment, and supplies	74	-	-	-	-	-	74	-
Transportation equipment	4 018	320	30	13	156	-	3 997	310
Motor vehicles and motor vehicle equipment	62	25	-	6	13	-	62	19
Aircraft and parts	56	14	-	-	6	-	52	10
Ship and boat building and repairing	3 888	276	30	7	137	-	3 877	276
Railroad locomotives and equipment	6	-	-	-	-	-	6	-
Mobile dwellings and campers	6	-	-	-	-	-	-	-
Cycles and miscellaneous transportation equipment	-	5	-	-	-	-	-	5
Professional and photographic equipment, and watches	44	47	-	-	-	-	44	47
Scientific and controlling instruments	4	-	-	-	-	-	4	-
Optical and health services supplies	17	30	-	-	-	-	17	30
Photographic equipment and supplies	23	9	-	-	-	-	23	9
Watches, clocks, and clockwork-operated devices	-	-	-	-	-	-	-	-
Not specified professional equipment	-	8	-	-	-	-	-	8
Ordnance	46	5	-	-	-	-	39	5
Miscellaneous manufacturing industries	365	430	-	-	12	11	309	312
Manufacturing, durable goods – allocated	634	70	20	-	-	-	528	66
Nondurable goods	**13 474**	**7 697**	**28**	**18**	**323**	**136**	**8 048**	**6 358**
Food and kindred products	9 734	3 445	15	5	286	82	4 731	2 607
Meat products	178	114	-	-	6	7	131	52
Dairy products	309	17	-	-	4	-	246	17
Canning and preserving fruits, vegetables, and seafoods	2 072	2 292	5	5	59	68	1 578	1 909
Grain-mill products	136	47	6	-	8	-	109	42
Bakery products	312	162	-	-	-	-	271	150
Confectionery and related products	84	144	-	-	-	7	32	62
Beverage industries	446	51	-	-	26	-	391	35
Miscellaneous food preparation and kindred products	5 643	457	-	-	164	-	1 438	191
Not specified food industries	554	161	4	-	19	-	535	149
Tobacco manufactures	5	-	-	-	-	-	5	-
Textile mill products	71	75	-	-	7	-	61	70
Knitting mills	5	-	-	-	-	-	5	-
Dyeing and finishing textiles, except wool and knit goods	16	16	-	-	-	-	16	16
Floor coverings, except hard surface	5	-	-	-	-	-	-	-
Yarn, thread, and fabric mills	34	54	-	-	7	-	29	49
Miscellaneous textile mill products	11	5	-	-	-	-	11	5
Apparel and other fabricated textile products	305	2 296	3	5	5	20	299	2 042
Apparel and accessories	275	2 178	3	5	5	20	269	1 933
Miscellaneous fabricated textile products	30	118	-	-	-	-	30	109

Table 184. Detailed Industry of Employed Persons by Race and Sex: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	The State						Standard metropolitan statistical areas	
	Total		Negro		Persons of Spanish language		Honolulu	
	Male	Female	Male	Female	Male	Female	Male	Female
Manufacturing – Continued								
Nondurable goods – Continued								
Paper and allied products	220	88	–	–	–	–	217	88
Pulp, paper, and paperboard mills	30	19	–	–	–	–	30	19
Miscellaneous paper and pulp products	55	16	–	–	–	–	55	16
Paperboard containers and boxes	135	53	–	–	–	–	132	53
Printing, publishing, and allied industries	1 597	864	–	–	12	5	1 440	803
Newspaper publishing and printing	947	451	–	–	6	–	811	400
Printing, publishing, and allied industries, except newspapers	650	413	–	–	6	5	629	403
Chemicals and allied products	347	178	5	–	–	–	274	136
Industrial chemicals	98	5	–	–	–	–	58	5
Plastics, synthetics and resins, except fibers	–	–	–	–	–	–	–	–
Synthetic fibers	–	–	–	–	–	–	–	–
Drugs and medicines	43	6	–	–	–	–	43	6
Soaps and cosmetics	68	86	–	–	–	–	68	78
Paints, varnishes, and related products	19	10	–	–	–	–	19	10
Agricultural chemicals	113	43	–	–	–	–	46	17
Miscellaneous chemicals	10	10	5	–	–	–	10	10
Not specified chemicals and allied products	36	16	–	–	–	–	30	10
Petroleum and coal products	201	11	–	–	7	–	196	11
Petroleum refining	180	4	–	–	7	–	175	4
Miscellaneous petroleum and coal products	21	7	–	–	–	–	21	7
Rubber and miscellaneous plastic products	134	52	–	–	–	13	116	46
Rubber products	68	16	–	–	–	13	50	16
Miscellaneous plastic products	66	36	–	–	–	–	66	30
Leather and leather products	64	85	–	–	–	–	64	85
Tanned, curried, and finished leather	–	–	–	–	–	–	–	–
Footwear, except rubber	58	70	–	–	–	–	58	70
Leather products, except footwear	6	15	–	–	–	–	6	15
Manufacturing, nondurable goods – allocated	796	603	5	8	6	16	645	470
Not specified manufacturing industries	**64**	**46**	**3**	–	–	–	**59**	**35**
Transportation, communications, and other public utilities	**18 765**	**5 566**	**96**	**20**	**429**	**144**	**15 597**	**4 743**
Transportation	**10 240**	**3 144**	**71**	**4**	**256**	**85**	**8 624**	**2 742**
Railroads and railway express service	38	12	–	–	–	–	38	12
Street railways and bus lines	706	165	–	–	32	11	616	100
Taxicab service	719	86	4	–	15	–	652	58
Trucking service	1 828	264	–	–	49	5	1 452	203
Warehousing and storage	408	96	5	–	19	–	352	96
Water transportation	1 863	170	44	–	26	9	1 441	131
Air transportation	3 775	1 527	18	4	100	36	3 337	1 443
Pipelines, except natural gas	–	–	–	–	–	–	–	–
Services incidental to transportation	903	824	–	–	15	24	736	699
Communications	**3 610**	**1 706**	**9**	**8**	**55**	**49**	**2 917**	**1 459**
Radio broadcasting and television	368	117	–	–	–	–	329	103
Telephone (wire and radio)	2 614	1 451	4	8	41	49	2 254	1 240
Telegraph and miscellaneous communication services	628	138	5	–	14	–	334	116
Utilities and sanitary services	**3 344**	**417**	**8**	**8**	**101**	**5**	**2 731**	**295**
Electric light and power	1 678	239	5	–	29	5	1 339	170
Electric-gas utilities	95	10	–	–	–	–	85	4
Gas and steam supply systems	189	44	–	–	–	–	156	29
Water supply	565	106	–	8	37	–	434	74
Sanitary services	771	18	3	–	35	–	705	18
Other and not specified utilities	46	–	–	–	–	–	12	–
Transportation, communications, and other public utilities – allocated	**1 571**	**299**	**8**	–	**17**	**5**	**1 325**	**247**
Wholesale and retail trade	**29 256**	**31 777**	**77**	**154**	**678**	**708**	**24 717**	**26 484**
Wholesale trade	**7 813**	**3 490**	**29**	**13**	**237**	**27**	**6 671**	**2 976**
Motor vehicles and equipment	482	187	–	–	13	–	415	173
Drugs, chemicals, and allied products	366	183	2	–	–	–	343	183
Dry goods and apparel	100	158	–	–	7	–	96	158
Food and related products	1 531	881	–	–	46	13	1 202	656
Farm products – raw materials	17	6	–	–	–	–	12	6
Electrical goods	474	167	5	–	7	7	452	161
Hardware, plumbing, and heating supplies	137	31	–	–	5	–	107	31
Not specified electrical and hardware products	9	12	–	–	–	–	9	12
Machinery, equipment, and supplies	1 021	274	–	2	61	7	921	241
Metals and minerals, n.e.c	64	17	–	–	7	–	61	17
Petroleum products	336	29	–	5	12	–	249	25
Scrap and waste materials	175	21	5	–	8	–	166	21
Alcoholic beverages	185	66	–	–	–	–	170	52
Paper and its products	174	75	–	–	–	–	147	64
Lumber and construction materials	887	207	8	–	36	–	714	176
Wholesalers, n.e.c	1 077	822	4	6	27	–	921	670
Not specified wholesale trade	246	148	–	–	8	–	210	148
Wholesale trade – allocated	532	206	5	–	–	–	476	182
Retail trade	**21 443**	**28 287**	**48**	**141**	**441**	**681**	**18 046**	**23 508**
Lumber and building material retailing	593	170	–	–	20	–	430	123
Hardware and farm equipment stores	175	122	–	–	–	–	94	87
General merchandise stores	2 454	5 627	3	59	48	177	2 215	5 025
Department and mail-order establishments	1 357	2 832	3	–	35	81	1 295	2 708
Limited-price variety stores	163	635	–	4	–	26	125	433
Vending machine operators	71	6	–	–	–	–	71	6
Direct-selling establishments	175	492	–	4	–	17	153	440
Miscellaneous general merchandise stores	688	1 662	–	51	13	53	571	1 438
Food stores	3 363	3 394	4	–	55	86	2 669	2 574
Grocery stores	2 556	2 429	4	–	50	60	2 027	1 739
Dairy products stores	68	6	–	–	–	–	47	–
Retail bakeries	459	667	–	–	5	26	389	606
Food stores, n.e.c	280	292	–	–	–	–	206	229
Motor vehicle dealers	2 094	400	–	8	37	5	1 579	306
Tire, battery, and accessory dealers	274	137	–	–	10	7	221	111
Gasoline service stations	2 481	489	–	–	54	18	2 025	359

Table 184. Detailed Industry of Employed Persons by Race and Sex: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	The State						Standard metropolitan statistical areas	
	Total		Negro		Persons of Spanish language		Honolulu	
	Male	Female	Male	Female	Male	Female	Male	Female
Wholesale and retail trade – Continued								
Retail trade – Continued								
Miscellaneous vehicle dealers	146	38	4	-	7	-	135	33
Apparel and accessories stores, except shoe stores	415	2 131	-	-	-	54	348	1 828
Shoe stores	185	160	-	-	-	-	166	125
Furniture and home furnishings stores	686	308	-	-	6	-	631	279
Household appliances, television, and radio stores	629	270	4	-	5	14	512	204
Eating and drinking places	3 939	8 734	33	22	130	234	3 595	7 260
Drugstores	343	592	-	-	-	15	307	487
Liquor stores	45	112	-	-	-	6	30	87
Farm and garden supply stores	84	46	-	-	-	-	60	28
Jewelry stores	168	452	-	-	-	24	145	406
Fuel and ice dealers	17	5	-	-	-	-	6	5
Retail florists	131	298	-	-	-	9	106	246
Miscellaneous retail stores	1 008	1 326	-	7	26	-	925	1 053
Not specified retail trade	442	809	-	12	19	6	321	674
Retail trade – allocated	1 771	2 667	-	33	24	26	1 506	2 208
Finance, insurance, and real estate	**6 793**	**7 547**	**15**	**19**	**98**	**89**	**6 103**	**6 746**
Banking	1 354	2 434	-	9	13	37	1 237	2 118
Credit agencies	698	1 046	-	5	9	4	622	906
Security, commodity brokerage, and investment companies	633	260	-	-	13	-	599	254
Insurance	1 731	1 458	6	5	22	29	1 554	1 354
Real estate, including real estate – insurance – law offices	1 971	1 882	9	-	41	19	1 738	1 687
Finance, insurance, and real estate – allocated	406	467	-	-	-	-	353	427
Business and repair services	**5 837**	**2 710**	**43**	**11**	**138**	**62**	**5 034**	**2 363**
Business services	2 366	1 698	30	11	76	36	2 183	1 567
Advertising	190	187	3	6	-	-	190	187
Services to dwellings and other buildings	452	268	-	-	18	14	413	225
Commercial research, development, and testing labs	88	22	-	5	12	-	61	22
Employment and temporary help agencies	67	205	-	-	-	5	67	205
Business management and consulting services	333	245	6	-	12	-	320	227
Computer programing services	309	173	-	-	7	-	303	173
Detective and protective services	281	41	14	-	7	-	264	33
Business services, n.e.c	646	557	7	-	20	17	565	495
Repair services	3 025	780	13	-	62	26	2 489	587
Automobile services, except repair	636	402	5	-	9	18	480	296
Automobile repair and related services	1 449	168	3	-	47	-	1 191	126
Electrical repair shops	320	74	5	-	6	8	277	74
Miscellaneous repair services	620	136	-	-	-	-	541	91
Business and repair services – allocated	446	232	-	-	-	-	362	209
Personal services	**7 398**	**13 201**	**35**	**27**	**187**	**297**	**4 991**	**9 434**
Private households	501	1 894	-	6	11	55	282	1 329
Hotels and motels	4 664	6 142	18	7	125	174	3 004	3 872
Lodging places, except hotels and motels	92	240	5	-	7	13	78	192
Laundering, cleaning, and other garment services	579	1 301	-	5	19	20	480	1 117
Beauty shops	99	1 275	-	-	12	20	94	1 105
Barber shops	336	392	-	-	13	8	279	328
Shoe repair shops	59	3	-	-	-	-	42	3
Dressmaking shops	-	217	-	-	-	-	-	164
Miscellaneous personal services	317	355	3	4	-	7	251	308
Personal services – allocated	743	1 382	9	5	-	-	481	1 016
Entertainment and recreation services	**2 104**	**1 650**	**6**	**20**	**25**	**78**	**1 830**	**1 355**
Theaters and motion pictures	598	576	6	9	7	20	515	490
Bowling alleys, and billiard and pool parlors	215	108	-	-	8	-	204	92
Miscellaneous entertainment and recreation services	927	723	-	4	10	52	762	593
Entertainment and recreation services – allocated	364	243	-	7	-	6	329	180
Professional and related services	**17 382**	**31 793**	**83**	**161**	**320**	**569**	**14 809**	**26 797**
Health services	3 683	9 522	21	41	32	243	3 023	7 901
Offices of physicians	556	1 110	-	-	7	12	438	947
Offices of dentists	365	652	-	-	-	-	320	534
Offices of chiropractors	10	9	-	-	-	-	10	9
Hospitals	2 042	6 207	6	22	14	210	1 674	5 208
Convalescent institutions	120	591	-	6	4	-	84	424
Offices of health practitioners, n.e.c	31	69	-	-	-	-	27	64
Health services, n.e.c	559	884	15	13	7	21	450	725
Legal services	463	501	-	7	14	11	419	460
Educational services	7 501	15 831	25	68	175	231	6 300	13 323
Elementary and secondary schools	3 541	11 037	19	63	76	133	2 711	9 045
Government	2 733	8 681	19	55	44	111	2 030	6 933
Private	808	2 356	-	8	32	22	681	2 112
Colleges and universities	3 457	3 415	6	5	84	74	3 168	3 173
Government	2 977	2 853	6	-	78	67	2 734	2 656
Private	480	562	-	5	6	7	434	517
Libraries	89	414	-	-	8	5	79	312
Educational services, n.e.c	414	959	-	-	7	19	342	787
Not specified educational services	-	6	-	-	-	-	-	6
Museums, art galleries, and zoos	191	129	-	-	10	-	185	125
Religious organizations	733	465	-	5	-	-	574	387
Welfare services	387	862	-	8	28	4	313	718
Residential welfare facilities	25	54	-	-	-	12	14	45
Nonprofit membership organizations	687	689	5	9	26	13	640	620
Engineering and architectural services	1 239	306	4	-	13	-	1 178	290
Accounting, auditing, and bookkeeping services	762	755	-	-	7	24	683	642
Miscellaneous professional and related services	336	302	-	-	8	9	296	281
Professional and related services – allocated	1 375	2 377	28	23	7	22	1 184	2 005
Public administration	**23 367**	**9 127**	**102**	**62**	**824**	**158**	**20 637**	**8 287**
Postal service	1 565	394	6	-	-	-	1 310	254
Federal public administration	13 147	5 444	81	42	508	102	12 670	5 265
State public administration	2 868	2 054	5	-	122	35	2 360	1 778
Local public administration	4 428	856	3	9	187	21	3 692	646
Public administration – allocated	1 359	379	7	11	7	-	1 205	344

Table 185. Industry of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in the Labor Force by Sex: 1970

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Experienced civilian labor force				Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
	Total	White	Negro	Persons of Spanish language	Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960–63	1964–68	1969–70
THE STATE											
Male, 16 years old and over	**173 875**	**54 419**	**687**	**4 381**	**169 820**	**134 345**	**23 133**	**12 342**	**3 440**	**8 693**	**17 390**
Agriculture, forestry, and fisheries	**11 126**	**2 105**	**–**	**254**	**10 846**	**8 570**	**1 539**	**737**	**700**	**1 163**	**2 288**
Agriculture	10 642	1 965	–	239	10 390	8 254	1 460	676	692	1 120	2 188
Forestry and fisheries	484	140	–	15	456	316	79	61	8	43	100
Mining	**303**	**53**	**–**	**31**	**303**	**252**	**35**	**16**	**5**	**18**	**10**
Construction	**25 873**	**6 881**	**103**	**706**	**25 379**	**19 594**	**4 242**	**1 543**	**356**	**925**	**1 812**
Manufacturing	**22 442**	**6 106**	**113**	**587**	**22 160**	**18 296**	**2 678**	**1 186**	**603**	**1 621**	**3 302**
Durable goods	8 637	2 684	82	258	8 544	7 188	952	404	152	374	605
Logging	13	8	–	–	13	13	–	–	–	–	6
Sawmills, planing mills, and millwork	160	78	–	–	155	122	27	6	–	17	21
Miscellaneous wood products	173	42	4	–	173	149	12	12	6	23	54
Furniture and fixtures	404	159	–	10	399	285	79	35	4	21	28
Stone, clay, and glass products	952	303	6	15	947	784	123	40	9	22	68
Cement, concrete, gypsum, and plaster products	783	228	6	15	783	658	109	16	9	22	50
Primary iron and steel industries	248	53	9	–	243	201	27	15	–	–	9
Primary nonferrous industries	20	8	–	–	20	17	–	3	6	–	–
Fabricated metal industries, including not specified metal	556	134	–	29	546	426	69	51	14	12	48
Machinery, except electrical	648	270	–	19	648	541	71	36	23	56	36
Office, accounting, and computing machines	126	57	–	–	126	121	–	5	–	8	10
Electrical machinery, equipment, and supplies	267	150	13	7	267	225	38	4	–	29	26
Radio, television, and communication equipment	107	66	13	–	107	103	–	4	–	17	4
Motor vehicles and motor vehicle equipment	66	41	–	13	57	42	15	–	–	11	–
Aircraft and parts	63	44	–	6	63	50	13	–	–	21	21
Other transportation equipment	3 939	1 013	30	147	3 933	3 526	321	86	63	121	132
Professional and photographic equipment, and watches	44	22	–	–	44	34	10	–	–	–	4
Ordnance	46	13	–	–	46	27	19	–	–	–	–
Miscellaneous manufactures and durable goods – allocated	1 038	346	20	12	990	746	128	116	27	41	152
Nondurable goods	13 733	3 416	28	329	13 544	11 060	1 715	769	451	1 247	2 681
Meat products	185	77	–	6	181	129	22	30	–	5	11
Canning and preserving produce, seafoods, and beverages	2 656	575	5	85	2 573	2 009	279	285	104	403	1 706
Bakery products	312	19	–	–	306	256	36	14	–	15	17
Other food industries	6 757	1 377	10	201	6 737	5 629	941	167	285	578	461
Yarn, thread, and fabric mills	34	5	–	7	34	30	4	–	–	–	4
Other textile mill products	37	5	–	–	37	32	–	5	7	–	–
Apparel and other fabricated textile products	305	79	3	5	305	218	57	30	–	24	21
Paper and allied products	226	77	–	–	226	185	21	20	6	12	8
Printing, publishing, and allied industries	1 621	634	–	12	1 589	1 373	137	79	24	107	102
Chemicals and allied products	352	168	5	–	342	300	37	5	–	26	34
Petroleum and coal products	206	50	–	7	206	164	42	–	6	15	17
Rubber and miscellaneous plastic products	140	85	–	–	140	101	10	29	–	9	5
Footwear, except rubber	58	6	–	–	58	35	6	17	–	–	–
Other nondurable goods	844	259	5	6	810	599	123	88	19	53	295
Not specified manufacturing industries	72	6	3	–	72	48	11	13	–	–	16
Transportation, communications, and other public utilities[1]	**19 115**	**6 947**	**101**	**444**	**18 912**	**15 664**	**2 404**	**844**	**292**	**768**	**1 042**
Railroads and railway express service	44	24	–	–	44	27	17	–	6	83	7
Street railways and bus lines	711	175	–	32	701	580	94	27	6	24	33
Trucking service and warehousing	2 335	799	5	74	2 301	1 837	293	171	44	96	236
Water transportation	1 895	720	44	26	1 877	1 220	490	167	42	75	117
Air transportation	3 821	1 637	18	100	3 787	3 308	359	120	13	33	177
All other transportation	1 691	495	9	30	1 661	1 230	317	114	27	116	115
Communications	3 645	1 358	9	55	3 623	3 213	301	109	35	36	117
Electric and gas utilities	1 965	660	5	29	1 961	1 803	122	36	49	130	64
Water supply, sanitary services, and other utilities	1 387	340	3	72	1 376	1 204	140	32	21	111	67
Wholesale and retail trade	**30 058**	**8 942**	**82**	**703**	**29 095**	**21 232**	**4 203**	**3 660**	**405**	**1 124**	**3 612**
Wholesale trade	7 925	2 764	29	237	7 795	6 506	826	463	106	241	559
Food and farm products	1 557	276	–	46	1 524	1 267	143	114	36	77	143
Retail trade	22 133	6 178	53	466	21 300	14 726	3 377	3 197	299	883	3 053
Hardware, farm equipment, and building material retailing	793	230	–	23	787	596	118	73	17	48	70
General merchandise stores	2 526	762	3	56	2 484	1 760	387	337	30	107	288
Food stores	3 412	394	4	55	3 230	2 161	463	606	56	114	386
Motor vehicles and accessories retailing	2 545	680	4	62	2 527	2 023	322	182	8	46	207
Gasoline service stations	2 526	550	–	54	2 406	1 283	435	688	15	113	591
Apparel and accessories stores	633	219	–	–	595	401	78	116	9	54	83
Furniture, home furnishings, and equipment stores	1 355	417	4	11	1 313	1 028	176	109	31	48	120
Eating and drinking places	4 090	1 349	38	130	3 874	2 322	855	697	64	178	688
Drugstores	348	109	–	–	339	255	55	29	5	20	22
Other retail trade	3 905	1 468	–	75	3 745	2 897	488	360	64	155	598
Finance, insurance, and real estate	**6 850**	**2 685**	**15**	**98**	**6 789**	**5 677**	**788**	**324**	**72**	**291**	**258**
Banking and credit agencies	2 042	703	–	22	2 044	1 770	205	69	24	75	50
Insurance	1 740	612	6	22	1 740	1 496	169	75	15	52	29
Other finance and real estate	3 048	1 370	9	54	3 005	2 411	414	180	33	164	171
Business and repair services	**5 996**	**2 183**	**43**	**155**	**5 822**	**4 491**	**763**	**568**	**79**	**273**	**606**
Advertising	194	123	3	–	189	158	26	5	–	9	6
Commercial research, management, and programing services	744	401	6	31	715	585	90	40	–	25	36
Automobile services	2 152	614	8	56	2 089	1 617	263	209	24	65	249
Other business and repair services	2 906	1 045	26	68	2 829	2 131	384	314	55	174	315
Personal services	**7 580**	**2 211**	**35**	**187**	**7 324**	**5 166**	**1 246**	**912**	**139**	**362**	**877**
Private households	519	136	–	11	495	249	116	130	17	113	143
Hotels and lodging places	4 881	1 425	23	132	4 727	3 314	793	620	78	145	478
Laundering, cleaning, and other garment services	584	155	–	19	552	455	57	40	19	31	97
Barber and beauty shops	440	94	–	25	429	326	86	17	16	17	32
Other personal services	1 156	401	12	–	1 121	822	194	105	9	56	127
Entertainment and recreation services	**2 212**	**810**	**6**	**29**	**2 131**	**1 402**	**393**	**336**	**44**	**143**	**288**
Professional and related services	**17 357**	**7 724**	**87**	**227**	**17 251**	**12 769**	**3 023**	**1 459**	**203**	**779**	**1 395**
Health services	3 704	1 153	21	32	3 658	2 984	487	187	105	248	222
Educational services, government	6 132	2 791	29	144	6 006	3 979	1 359	668	48	225	437
Educational services, private	1 445	873	–	38	1 425	893	363	169	10	71	229
Welfare, religious, and nonprofit membership organizations	1 843	812	5	54	1 809	1 434	182	193	13	73	167
Other professional and related services	4 433	2 095	32	59	4 353	3 479	632	242	27	162	340
Public administration[1]	**23 958**	**7 772**	**102**	**860**	**23 808**	**21 232**	**1 819**	**757**	**542**	**1 226**	**1 888**
Postal service	1 588	205	6	–	1 577	1 399	126	52	46	63	43
Federal public administration	13 632	5 120	81	537	13 571	12 394	883	294	279	717	1 343
State and local public administration	7 354	1 945	8	309	7 293	6 347	636	310	141	404	330
Unemployed persons, last worked 1959 or earlier[2]	**5**	**–**	**–**	**–**	...	...	...	...	...	...	...

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

Table 185. Industry of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in the Labor Force by Sex: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Experienced civilian labor force				Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
	Total	White	Negro	Persons of Spanish language	Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960–63	1964–68	1969–70
THE STATE—Continued											
Female, 16 years old and over	**120 643**	**37 259**	**542**	**2 449**	**114 167**	**71 466**	**23 907**	**18 794**	**7 558**	**21 983**	**27 990**
Agriculture, forestry, and fisheries	**2 460**	**288**	**–**	**20**	**2 344**	**1 309**	**660**	**375**	**342**	**561**	**926**
Agriculture	2 416	277	–	12	2 311	1 287	660	364	342	556	909
Forestry and fisheries	44	11	–	8	33	22	–	11	–	5	17
Mining	**31**	**5**	**–**	**–**	**31**	**26**	**5**	**–**	**6**	**5**	**14**
Construction	**1 756**	**605**	**–**	**10**	**1 714**	**1 208**	**302**	**204**	**80**	**200**	**276**
Manufacturing	**9 856**	**1 929**	**36**	**207**	**9 295**	**5 749**	**2 132**	**1 414**	**1 069**	**2 812**	**4 054**
Durable goods	1 569	505	13	36	1 508	1 022	306	180	221	521	450
Logging	–	–	–	–	–	–	–	–	–	–	–
Sawmills, planing mills, and millwork	37	20	–	–	37	33	–	4	6	28	4
Miscellaneous wood products	42	9	–	–	42	11	23	8	–	–	–
Furniture and fixtures	168	52	–	14	168	116	30	22	22	43	–
Stone, clay, and glass products	100	38	–	5	100	66	28	6	4	24	22
Cement, concrete, gypsum, and plaster products	78	29	–	5	78	49	23	6	4	11	12
Primary iron and steel industries	13	8	–	6	9	9	–	–	5	14	–
Primary nonferrous industries	8	5	–	–	8	–	5	3	5	11	–
Fabricated metal industries, including not specified metal	116	51	–	–	116	81	25	10	27	16	19
Machinery, except electrical	129	50	–	–	129	81	24	24	36	51	44
Office, accounting, and computing machines	31	14	–	–	31	12	14	5	5	10	15
Electrical machinery, equipment, and supplies	33	18	–	–	17	13	–	4	24	93	76
Radio, television, and communication equipment	11	6	–	–	5	5	–	–	10	10	22
Motor vehicles and motor vehicle equipment	25	13	6	–	25	19	6	–	7	–	8
Aircraft and parts	18	12	–	–	18	–	18	–	35	70	20
Other transportation equipment	281	51	7	–	276	259	13	4	10	23	55
Professional and photographic equipment, and watches	52	15	–	–	47	24	18	5	4	27	20
Ordnance	5	–	–	–	5	–	5	–	10	25	16
Miscellaneous manufactures and durable goods—allocated	542	163	–	11	511	310	111	90	26	96	166
Nondurable goods	8 241	1 396	23	171	7 741	4 707	1 807	1 227	844	2 265	3 587
Meat products	114	34	–	7	103	68	11	24	9	15	19
Canning and preserving produce, seafoods, and beverages	2 666	310	10	97	2 409	876	930	603	499	1 184	2 321
Bakery products	171	21	–	–	159	117	13	29	5	27	30
Other food industries	897	151	–	7	861	595	192	74	71	124	171
Yarn, thread, and fabric mills	54	5	–	–	54	42	3	9	6	38	35
Other textile mill products	31	5	–	–	31	19	5	7	4	4	8
Apparel and other fabricated textile products	2 316	180	5	26	2 223	1 676	367	180	94	376	312
Paper and allied products	102	48	–	–	102	65	14	23	17	–	30
Printing, publishing, and allied industries	900	365	–	5	845	599	153	93	46	175	160
Chemicals and allied products	188	70	–	–	188	142	30	16	27	61	48
Petroleum and coal products	11	4	–	–	11	7	4	–	–	–	–
Rubber and miscellaneous plastic products	57	15	–	13	57	41	6	10	6	34	10
Footwear, except rubber	87	17	–	–	87	59	12	16	9	56	18
Other nondurable goods	647	171	8	16	611	401	67	143	51	171	425
Not specified manufacturing industries	46	28	–	–	46	20	19	7	4	26	17
Transportation, communications, and other public utilities[1]	**5 693**	**2 869**	**20**	**144**	**5 528**	**3 713**	**1 128**	**687**	**331**	**753**	**949**
Railroads and railway express service	12	3	–	–	12	12	–	–	–	10	5
Street railways and bus lines	169	66	–	11	153	71	45	37	–	17	38
Trucking service and warehousing	371	118	–	5	354	253	64	37	9	51	110
Water transportation	170	68	–	9	154	99	35	20	22	–	35
Air transportation	1 562	626	4	36	1 545	1 103	320	122	83	164	170
All other transportation	945	425	–	24	930	570	210	150	32	116	113
Communications	1 732	546	8	49	1 670	1 104	335	231	114	315	339
Electric and gas utilities	305	92	–	5	305	228	50	27	36	35	26
Water supply, sanitary services, and other utilities	124	22	8	–	119	114	–	5	4	17	9
Wholesale and retail trade	**32 917**	**9 415**	**154**	**754**	**30 596**	**18 675**	**5 859**	**6 062**	**2 265**	**6 643**	**8 717**
Wholesale trade	3 615	995	13	27	3 454	2 369	643	442	179	596	686
Food and farm products	937	167	–	13	873	586	174	113	49	164	191
Retail trade	29 302	8 420	141	727	27 142	16 306	5 216	5 620	2 086	6 047	8 031
Hardware, farm equipment, and building material retailing	308	121	–	–	289	198	55	36	16	43	51
General merchandise stores	5 848	2 071	59	198	5 381	3 201	949	1 231	471	1 550	2 062
Food stores	3 535	454	–	90	3 298	2 169	603	526	273	614	660
Motor vehicles and accessories retailing	593	152	8	12	568	384	107	77	28	117	130
Gasoline service stations	489	87	–	18	462	294	99	69	16	39	58
Apparel and accessories stores	2 379	828	–	61	2 250	1 380	390	480	117	457	583
Furniture, home furnishings, and equipment stores	602	141	–	14	560	368	106	86	54	109	137
Eating and drinking places	9 052	2 409	22	248	8 291	4 816	1 592	1 883	692	2 044	2 679
Drugstores	614	184	–	15	586	377	79	130	72	165	152
Other retail trade	5 882	1 973	52	71	5 457	3 119	1 236	1 102	347	909	1 519
Finance, insurance, and real estate	**7 673**	**3 186**	**19**	**89**	**7 383**	**5 012**	**1 269**	**1 102**	**454**	**1 243**	**1 595**
Banking and credit agencies	3 517	1 177	14	41	3 415	2 358	580	477	229	639	697
Insurance	1 483	549	5	29	1 428	999	224	205	116	284	391
Other finance and real estate	2 673	1 460	–	19	2 540	1 655	465	420	109	320	507
Business and repair services	**2 863**	**1 279**	**11**	**62**	**2 630**	**1 580**	**580**	**470**	**179**	**605**	**927**
Advertising	187	89	6	–	183	106	54	23	–	10	30
Commercial research, management, and programing services	458	275	5	–	414	281	52	81	10	67	136
Automobile services	592	228	–	18	562	301	182	79	14	62	146
Other business and repair services	1 626	687	–	44	1 471	892	292	287	155	466	615
Personal services	**13 609**	**3 751**	**30**	**304**	**12 731**	**8 077**	**2 650**	**2 004**	**647**	**1 946**	**2 693**
Private households	1 939	592	6	55	1 761	1 045	299	417	159	491	412
Hotels and lodging places	6 593	1 935	7	187	6 265	3 939	1 417	909	163	684	1 127
Laundering, cleaning, and other garment services	1 337	227	8	20	1 244	895	198	151	161	335	336
Barber and beauty shops	1 710	312	–	35	1 637	1 087	320	230	85	303	378
Other personal services	2 030	685	9	7	1 824	1 111	416	297	79	133	440
Entertainment and recreation services	**1 749**	**742**	**20**	**88**	**1 611**	**898**	**346**	**367**	**109**	**353**	**552**
Professional and related services	**32 444**	**11 148**	**176**	**601**	**31 290**	**18 325**	**7 678**	**5 287**	**1 591**	**5 380**	**5 909**
Health services	9 693	3 318	46	247	9 347	6 523	1 561	1 263	508	1 676	1 508
Educational services, government	12 834	3 476	65	213	12 533	6 566	3 807	2 160	608	2 014	2 189
Educational services, private	3 282	1 811	13	41	3 128	1 423	996	709	159	712	776
Welfare, religious, and nonprofit membership organizations	2 152	866	22	34	2 073	1 327	412	334	117	370	560
Other professional and related services	4 483	1 677	30	66	4 209	2 486	902	821	199	608	876
Public administration[1]	**9 420**	**2 805**	**67**	**170**	**9 014**	**6 894**	**1 298**	**822**	**485**	**1 482**	**1 378**
Postal service	401	107	–	–	381	267	67	47	6	115	52
Federal public administration	5 618	2 023	47	114	5 408	4 310	767	331	402	919	830
State and local public administration	2 994	522	9	56	2 849	2 102	378	369	64	390	355
Unemployed persons, last worked 1959 or earlier[2]	**152**	**37**	**9**	**–**	...	...	...	...	...	...	...

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

Table 185. Industry of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in the Labor Force by Sex: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Experienced civilian labor force				Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
	Total	White	Negro	Persons of Spanish language	Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960–63	1964–68	1969–70
HONOLULU SMSA											
Male, 16 years old and over	**137 190**	**44 632**	**659**	**3 580**	**134 566**	**107 287**	**17 548**	**9 731**	**2 167**	**6 108**	**13 319**
Agriculture, forestry, and fisheries	**3 759**	**680**	**–**	**86**	**3 619**	**2 895**	**463**	**261**	**289**	**390**	**876**
Agriculture	3 448	622	–	77	3 314	2 649	419	246	281	356	843
Forestry and fisheries	311	58	–	9	305	246	44	15	8	34	33
Mining	**259**	**36**	**–**	**24**	**259**	**225**	**18**	**16**	**5**	**15**	**10**
Construction	**21 044**	**5 350**	**103**	**608**	**20 634**	**16 173**	**3 352**	**1 109**	**246**	**703**	**1 532**
Manufacturing	**16 351**	**4 662**	**107**	**428**	**16 084**	**13 421**	**1 702**	**961**	**351**	**1 074**	**2 450**
Durable goods	8 027	2 457	82	250	7 934	6 752	818	364	148	337	506
Logging	5	–	–	–	5	5	–	–	–	–	6
Sawmills, planing mills, and millwork	133	54	–	–	128	102	20	6	–	17	6
Miscellaneous wood products	134	36	4	–	134	121	6	7	6	20	39
Furniture and fixtures	398	153	–	10	393	285	73	35	4	15	24
Stone, clay, and glass products	858	283	6	15	853	711	106	36	9	22	64
Cement, concrete, gypsum, and plaster products	709	208	6	15	709	601	92	16	9	22	50
Primary iron and steel industries	237	53	9	–	232	190	27	15	–	–	9
Primary nonferrous industries	20	8	–	–	20	17	–	3	6	–	–
Fabricated metal industries, including not specified metal	478	105	–	29	468	364	53	51	14	7	37
Machinery, except electrical	509	201	–	11	509	440	38	31	23	50	31
Office, accounting, and computing machines	111	52	–	–	111	106	–	5	–	8	10
Electrical machinery, equipment, and supplies	259	146	13	7	259	221	34	4	–	24	26
Radio, television, and communication equipment	103	62	13	–	103	99	–	4	–	12	4
Motor vehicles and motor vehicle equipment	66	41	–	13	57	42	15	–	–	11	–
Aircraft and parts	59	44	–	6	59	50	9	–	–	21	13
Other transportation equipment	3 922	1 008	30	147	3 916	3 520	310	86	63	109	126
Professional and photographic equipment, and watches	44	22	–	–	44	34	10	–	–	–	–
Ordnance	39	6	–	–	39	27	12	–	–	–	–
Miscellaneous manufactures and durable goods – allocated	866	297	20	12	818	623	105	90	23	41	125
Nondurable goods	8 257	2 199	22	178	8 083	6 621	873	589	203	737	1 928
Meat products	138	62	–	–	134	91	18	25	–	5	11
Canning and preserving produce, seafoods, and beverages	2 088	465	5	76	2 005	1 557	203	245	57	315	1 355
Bakery products	271	13	–	–	265	229	30	6	–	15	10
Other food industries	2 381	443	4	65	2 371	2 063	231	77	109	219	182
Yarn, thread, and fabric mills	29	–	–	7	29	25	4	–	–	–	–
Other textile mill products	32	5	–	–	32	27	–	5	7	–	–
Apparel and other fabricated textile products	299	73	3	5	299	212	57	30	–	24	16
Paper and allied products	223	74	–	–	223	185	18	20	–	5	8
Printing, publishing, and allied industries	1 460	566	–	12	1 428	1 230	128	70	24	86	98
Chemicals and allied products	279	147	5	–	274	232	37	5	–	21	28
Petroleum and coal products	196	45	–	7	196	164	32	–	–	15	11
Rubber and miscellaneous plastic products	122	79	–	–	122	95	10	17	–	9	5
Footwear, except rubber	58	6	–	–	58	35	6	17	–	–	–
Other nondurable goods	681	221	5	6	647	476	99	72	6	23	204
Not specified manufacturing industries	67	6	3	–	67	48	11	8	–	–	16
Transportation, communications, and other public utilities[1]	**15 897**	**5 748**	**89**	**385**	**15 745**	**13 157**	**1 896**	**692**	**170**	**509**	**911**
Railroads and railway express service	44	24	–	–	44	27	17	–	–	17	7
Street railways and bus lines	621	150	–	32	611	504	84	23	6	24	18
Trucking service and warehousing	1 892	592	5	62	1 867	1 513	224	130	32	66	192
Water transportation	1 473	547	32	26	1 464	988	351	125	28	75	91
Air transportation	3 368	1 503	18	86	3 343	2 966	289	88	5	17	165
All other transportation	1 449	413	9	23	1 425	1 034	281	110	11	94	100
Communications	2 947	1 080	9	55	2 928	2 578	263	87	19	24	90
Electric and gas utilities	1 583	552	5	29	1 579	1 446	97	36	39	78	64
Water supply, sanitary services, and other utilities	1 156	268	3	55	1 145	1 026	94	25	17	69	61
Wholesale and retail trade	**25 409**	**7 955**	**82**	**602**	**24 608**	**17 922**	**3 558**	**3 128**	**323**	**975**	**3 164**
Wholesale trade	6 774	2 495	29	215	6 655	5 630	644	381	94	194	452
Food and farm products	1 223	250	–	46	1 190	1 026	75	89	30	60	121
Retail trade	18 635	5 460	53	387	17 953	12 292	2 914	2 747	229	781	2 712
Hardware, farm equipment, and building material retailing	544	162	–	11	538	409	80	49	4	41	55
General merchandise stores	2 275	731	3	49	2 233	1 560	358	315	21	102	279
Food stores	2 714	306	4	40	2 553	1 703	381	469	44	103	347
Motor vehicles and accessories retailing	1 955	567	4	62	1 946	1 526	275	145	8	33	164
Gasoline service stations	2 070	475	–	40	1 985	1 015	370	600	11	87	535
Apparel and accessories stores	567	193	–	–	529	355	68	106	9	50	77
Furniture, home furnishings, and equipment stores	1 180	380	4	11	1 149	908	145	96	26	41	94
Eating and drinking places	3 736	1 221	38	130	3 550	2 143	759	648	53	160	596
Drugstores	307	84	–	–	301	227	50	24	5	20	16
Other retail trade	3 287	1 341	–	44	3 169	2 446	428	295	48	144	549
Finance, insurance, and real estate	**6 144**	**2 447**	**15**	**98**	**6 090**	**5 140**	**668**	**282**	**61**	**248**	**214**
Banking and credit agencies	1 869	663	–	22	1 858	1 603	192	63	24	61	45
Insurance	1 563	579	6	22	1 563	1 357	142	64	10	46	29
Other finance and real estate	2 712	1 205	9	54	2 669	2 180	334	155	27	141	140
Business and repair services	**5 179**	**1 855**	**38**	**143**	**5 027**	**3 855**	**657**	**515**	**62**	**231**	**489**
Advertising	194	123	3	–	189	158	26	5	–	9	6
Commercial research, management, and programming services	692	362	6	25	670	548	90	32	–	25	86
Automobile services	1 734	458	8	50	1 675	1 286	206	183	12	38	177
Other business and repair services	2 559	912	21	68	2 493	1 863	335	295	50	159	270
Personal services	**5 105**	**1 543**	**35**	**135**	**4 933**	**3 619**	**794**	**520**	**81**	**247**	**591**
Private households	294	100	–	5	283	164	61	58	17	72	84
Hotels and lodging places	3 169	928	23	86	3 060	2 187	488	385	35	93	330
Laundering, cleaning, and other garment services	485	149	–	19	459	378	57	24	14	25	59
Barber and beauty shops	373	84	–	25	362	274	82	6	6	17	32
Other personal services	784	282	12	–	769	616	106	47	9	40	86
Entertainment and recreation services	**1 890**	**726**	**6**	**19**	**1 815**	**1 166**	**352**	**297**	**44**	**111**	**234**
Professional and related services	**14 977**	**6 701**	**82**	**280**	**14 703**	**10 854**	**2 530**	**1 319**	**123**	**608**	**1 229**
Health services	3 044	968	21	24	3 005	2 436	397	172	67	196	174
Educational services, government	5 104	2 359	24	129	4 982	3 277	1 102	603	27	151	403
Educational services, private	1 272	772	–	27	1 252	769	319	164	10	68	217
Welfare, religious, and nonprofit membership organizations	1 545	694	5	48	1 515	1 196	152	167	9	62	147
Other professional and related services	4 012	1 908	32	52	3 949	3 176	560	213	10	131	288
Public administration[1]	**21 171**	**6 929**	**102**	**772**	**21 049**	**18 860**	**1 558**	**631**	**412**	**997**	**1 619**
Postal service	1 333	162	6	–	1 322	1 168	102	52	34	40	37
Federal public administration	13 114	4 892	81	526	13 063	11 981	826	256	243	678	1 253
State and local public administration	5 499	1 472	8	239	5 456	4 739	483	234	78	246	202
Unemployed persons, last worked 1959 or earlier[2]	**5**	**–**	**–**	**–**	...	...	...	...	...	...	...

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

Table 185. Industry of the Experienced Civilian Labor Force by Race and Sex, and Weeks Worked in 1969 and Experienced Workers Not in the Labor Force by Sex: 1970—Continued

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

The State Standard Metropolitan Statistical Areas of 250,000 or More	Experienced civilian labor force				Weeks worked in 1969 of the experienced civilian labor force				Year last worked of experienced workers not in labor force		
	Total	White	Negro	Persons of Spanish language	Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	1960–63	1964–68	1969–70
HONOLULU SMSA—Continued											
Female, 16 years old and over	**99 537**	**32 169**	**534**	**2 015**	**94 122**	**59 085**	**19 594**	**15 443**	**6 287**	**18 827**	**23 259**
Agriculture, forestry, and fisheries	**1 089**	**120**	-	**8**	**1 004**	**630**	**234**	**150**	**153**	**236**	**403**
Agriculture	1 045	109	-	-	971	598	234	139	153	231	391
Forestry and fisheries	44	11	-	8	33	22	-	11	-	5	12
Mining	**26**	-	-	-	**26**	**26**	-	-	**6**	**5**	**14**
Construction	**1 493**	**505**	-	**10**	**1 471**	**1 036**	**260**	**175**	**75**	**160**	**189**
Manufacturing	**8 099**	**1 611**	**36**	**175**	**7 623**	**4 807**	**1 663**	**1 153**	**780**	**2 341**	**3 206**
Durable goods	1 361	442	13	36	1 304	913	244	147	165	478	389
Logging	-	-	-	-	-	-	-	-	-	-	-
Sawmills, planing mills, and millwork	27	10	-	-	27	27	-	-	6	20	-
Miscellaneous wood products	42	9	-	-	42	11	23	8	-	-	-
Furniture and fixtures	168	52	-	14	168	116	30	22	22	43	-
Stone, clay, and glass products	90	38	-	5	90	62	22	6	-	20	12
Cement, concrete, gypsum, and plaster products	72	29	-	5	72	49	17	6	-	11	12
Primary iron and steel industries	9	4	-	6	5	5	-	-	5	9	-
Primary nonferrous industries	8	5	-	-	8	-	5	3	-	11	-
Fabricated metal industries, including not specified metal	93	32	-	-	93	77	12	4	17	11	19
Machinery, except electrical	110	40	-	-	110	70	19	21	31	51	44
Office, accounting, and computing machines	31	14	-	-	31	12	14	5	-	10	15
Electrical machinery, equipment, and supplies	33	18	-	-	17	13	-	4	19	85	72
Radio, television, and communication equipment	11	6	-	-	5	5	-	-	10	10	18
Motor vehicles and motor vehicle equipment	19	13	6	-	19	13	6	-	7	-	8
Aircraft and parts	14	8	-	-	14	-	14	-	20	62	15
Other transportation equipment	281	51	7	-	276	259	13	4	10	23	55
Professional and photographic equipment, and watches	52	15	-	-	47	24	18	5	4	27	20
Ordnance	5	-	-	-	5	-	5	-	10	20	16
Miscellaneous manufactures and durable goods—allocated	410	147	-	11	383	236	77	70	14	96	128
Nondurable goods	6 703	1 148	23	139	6 284	3 874	1 404	1 006	615	1 842	2 800
Meat products	52	26	-	7	41	22	-	19	5	15	15
Canning and preserving produce, seafoods, and beverages	2 127	224	10	81	1 921	717	709	495	319	888	1 810
Bakery products	159	21	-	-	147	117	7	23	5	27	24
Other food industries	483	77	-	-	452	335	92	25	37	68	83
Yarn, thread, and fabric mills	49	5	-	-	49	37	3	9	6	31	35
Other textile mill products	31	5	-	-	31	19	5	7	4	4	-
Apparel and other fabricated textile products	2 062	169	5	26	1 975	1 458	344	173	83	360	286
Paper and allied products	102	48	-	-	102	65	14	23	17	-	30
Printing, publishing, and allied industries	839	341	-	5	789	557	144	88	46	159	148
Chemicals and allied products	146	70	-	-	146	109	21	16	27	52	41
Petroleum and coal products	11	4	-	-	11	7	4	-	-	-	-
Rubber and miscellaneous plastic products	51	9	-	13	51	41	-	10	6	34	10
Footwear, except rubber	87	17	-	-	87	59	12	16	9	56	18
Other nondurable goods	504	132	8	7	482	331	49	102	51	148	300
Not specified manufacturing industries	35	21	-	-	35	20	15	-	-	21	17
Transportation, communications, and other public utilities[1]	**4 851**	**1 803**	**20**	**139**	**4 737**	**3 134**	**1 006**	**597**	**307**	**681**	**853**
Railroads and railway express service	12	3	-	-	12	12	-	-	-	-	5
Street railways and bus lines	104	32	-	11	96	41	26	29	-	4	28
Trucking service and warehousing	310	104	-	5	299	204	58	37	9	42	101
Water transportation	131	59	-	9	115	74	28	13	16	-	35
Air transportation	1 478	610	4	36	1 466	1 032	312	122	83	158	161
All other transportation	777	371	-	24	773	468	180	125	27	111	101
Communications	1 481	446	8	49	1 434	926	321	187	110	292	304
Electric and gas utilities	215	75	-	5	215	161	33	21	27	29	26
Water supply, sanitary services, and other utilities	92	15	8	-	87	82	-	5	4	17	4
Wholesale and retail trade	**27 420**	**8 169**	**151**	**648**	**25 421**	**15 358**	**4 975**	**5 088**	**1 931**	**5 770**	**7 836**
Wholesale trade	3 068	902	13	27	2 915	2 012	553	350	150	526	576
Food and farm products	702	138	-	13	642	433	134	75	24	133	152
Retail trade	24 352	7 267	138	621	22 506	13 346	4 422	4 738	1 781	5 244	6 960
Hardware, farm equipment, and building material retailing	226	107	-	-	207	128	49	30	16	37	46
General merchandise stores	5 220	1 910	59	181	4 793	2 807	866	1 120	425	1 374	1 878
Food stores	2 683	359	-	71	2 467	1 580	465	422	213	534	557
Motor vehicles and accessories retailing	468	123	8	12	443	296	82	65	18	88	116
Gasoline service stations	359	84	-	18	335	206	65	64	16	39	58
Apparel and accessories stores	2 041	747	-	48	1 930	1 159	353	418	117	396	492
Furniture, home furnishings, and equipment stores	498	109	-	14	465	315	91	59	44	93	137
Eating and drinking places	7 518	1 991	19	212	6 871	3 994	1 351	1 526	588	1 728	2 244
Drugstores	503	146	-	15	478	285	79	114	60	159	141
Other retail trade	4 836	1 691	52	50	4 517	2 576	1 021	920	284	796	1 291
Finance, insurance, and real estate	**6 861**	**2 966**	**19**	**81**	**6 587**	**4 492**	**1 115**	**980**	**421**	**1 162**	**1 434**
Banking and credit agencies	3 061	1 067	14	33	2 959	2 041	508	410	208	617	602
Insurance	1 375	535	5	29	1 320	918	208	194	109	274	365
Other finance and real estate	2 425	1 364	-	19	2 308	1 533	399	376	104	271	467
Business and repair services	**2 492**	**1 151**	**11**	**62**	**2 294**	**1 349**	**526**	**419**	**158**	**563**	**852**
Advertising	187	89	6	-	183	106	54	23	-	10	30
Commercial research, management, and programing services	440	263	5	-	403	281	52	70	10	67	127
Automobile services	444	177	-	18	421	190	158	73	4	52	125
Other business and repair services	1 421	622	-	44	1 287	772	262	253	144	434	570
Personal services	**9 713**	**2 746**	**30**	**170**	**9 081**	**5 927**	**1 793**	**1 361**	**538**	**1 517**	**2 013**
Private households	1 361	412	6	24	1 258	764	187	307	133	350	293
Hotels and lodging places	4 166	1 293	7	84	3 947	2 568	848	531	127	472	770
Laundering, cleaning, and other garment services	1 146	185	8	20	1 064	780	166	118	142	313	288
Barber and beauty shops	1 476	279	-	35	1 408	946	269	193	70	269	338
Other personal services	1 564	577	9	7	1 404	869	323	212	66	113	324
Entertainment and recreation services	**1 457**	**629**	**20**	**64**	**1 332**	**730**	**302**	**300**	**85**	**317**	**450**
Professional and related services	**27 354**	**9 815**	**171**	**513**	**26 331**	**15 276**	**6 546**	**4 509**	**1 359**	**4 730**	**5 073**
Health services	8 052	2 910	46	243	7 758	5 333	1 350	1 075	437	1 507	1 304
Educational services, government	10 631	2 912	60	151	10 360	5 396	3 165	1 799	501	1 731	1 846
Educational services, private	2 926	1 652	13	41	2 783	1 267	890	626	140	631	682
Welfare, religious, and nonprofit membership organizations	1 847	819	22	18	1 783	1 107	368	308	111	334	508
Other professional and related services	3 898	1 522	30	60	3 647	2 173	773	701	170	527	732
Public administration[1]	**8 573**	**2 622**	**67**	**145**	**8 215**	**6 330**	**1 174**	**711**	**474**	**1 345**	**1 237**
Postal service	261	78	-	-	241	177	33	31	6	98	20
Federal public administration	5 439	1 960	47	114	5 251	4 245	720	286	391	864	787
State and local public administration	2 901	436	9	31	2 376	1 707	346	323	64	335	293
Unemployed persons, last worked 1959 or earlier[2]	**109**	**32**	**9**	-	...	...	...	...	...	...	...

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