

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

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

Detailed Characteristics	Manufacturing											
	Persons 16 and over	Agriculture, forestry, and fisheries	Mining	Construction	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												
Total employed	7 484 690	233 850	34 379	404 350	1 614 687	73 063	46 027	32 383	21 286	98 479	146 436	204 769
Professonal, technical, and kindred workers	1 302 736	10 659	5 409	27 435	252 993	1 905	3 196	1 919	1 955	8 149	27 527	54 992
Accountants	80 505	333	860	2 201	17 116	347	5	305	243	1 001	1 640	3 032
Architects	7 981	762	5	367	362	5	5	60	73	5	48	32
Computer specialists	34 837	42	157	479	13 951	50	79	235	404	3 074	4 257	2 244
Engineers	180 069	554	1 659	14 278	103 177	404	833	548	670	3 074	10 949	25 565
Chemical	4 036	—	77	352	2 776	10	36	38	38	56	102	159
Civil	25 892	247	124	10 663	11 884	17	123	26	11	141	66	123
Electrical and electronic	48 502	24	68	31 186	299	56	69	38	38	166	2 932	16 791
Industrial	22 600	95	133	14 703	161	229	191	191	614	1 718	1 718	3 000
Mechanical	22 433	81	141	14 941	145	37	88	46	87	773	2 740	1 770
Other engineers	56 606	107	1 116	37 687	252	139	288	252	1 191	3 391	3 722	3 722
Mathematical specialists	3 989	16	15	51	324	5	10	—	10	16	83	205
Life and physical scientists	2 778	500	960	105	7 176	24	258	180	141	289	289	742
Chemists	9 808	293	1 076	228	14 141	24	176	125	128	157	157	372
Physicists	41	—	—	—	41	—	—	—	—	—	—	—
Personnel and labor relations workers	35 588	41	141	483	7 808	129	187	143	174	754	754	1 420
Social scientists	1 038	77	76	236	1 106	23	106	15	44	434	434	643
Engineering and science technicians	91 482	921	872	5 733	44 364	404	517	390	342	1 891	5 488	14 037
Draftsman	29 489	241	227	2 782	13 172	270	132	172	188	1 077	2 174	3 373
Electrical and electronic engineering technicians	26 527	33	50	2 285	15 718	30	16	12	12	187	2 076	8 766
Industrial and mechanical engineering technicians	4 013	5	19	34	3 166	10	3	26	22	108	316	455
Technicians, except health, and engineering and science	21 828	584	64	152	1 533	25	29	10	13	146	146	195
Writers, artists, and entertainers	104 060	1 244	127	1 751	27 858	239	477	60	88	435	2 009	3 832
Other professional, technical, and kindred workers	706 581	5 477	440	1 711	25 264	250	284	208	189	642	1 513	3 045
Managers and administrators, except farm	696 290	3 147	2 540	46 043	117 851	4 775	13 24	1 340	1 499	7 867	13 124	16 437
Buyers, purchasing agents, and sales managers	90 138	282	391	2 036	22 805	626	572	281	274	1 408	2 594	3 531
Other managers and administrators	606 152	2 865	2 149	44 007	95 046	4 149	5 200	1 059	1 225	6 459	10 530	12 906
Salaried	475 860	1 536	1 839	27 160	84 531	3 281	2 145	995	1 131	5 662	9 135	12 450
Self-employed	130 292	1 329	310	16 847	10 515	868	364	64	94	797	1 395	456
Sales workers	596 009	1 769	293	3 332	56 256	1 987	1 364	605	546	2 670	4 805	3 513
Chemical and kindred workers	1 479 900	7 484	4 251	32 346	230 814	6 727	4 856	3 216	2 815	12 348	20 765	31 778
Bookkeepers	164 653	2 290	719	7 177	26 673	1 395	1 816	371	422	1 816	2 758	2 943
Cashiers	70 840	89	113	65	698	16	9	—	—	20	18	55
Kindred workers	35 822	36	134	5	450	184	113	73	46	578	307	544
Office machine operators	170 336	101	392	275	1 370	25	231	173	173	477	1 444	1 985
Shipping and clerks	38 541	112	88	91	1 707	79	358	312	405	1 545	2 051	2 051
Stock clerks and stockkeepers	48 387	84	86	576	15 138	279	576	195	115	2 271	3 571	2 271
Other clerical and kindred workers	1 055 696	4 637	2 872	18 363	135 301	3 810	3 029	2 073	1 634	7 272	13 298	21 929
Craftsmen and kindred workers	948 514	6 254	8 040	211 993	319 179	19 793	8 661	10 172	4 974	23 640	33 114	25 246
Blacksmiths, forgers, hammermen, and boilermakers	4 122	31	38	298	2 494	16	32	299	107	737	161	252
Brickmasons and stonemasons	6 008	15	35	5 128	5 547	10	95	147	7	178	3	4
Carpenters	68 216	570	70	47 884	9 362	2 488	203	83	36	322	207	207
Cranemen, derrickmen, and hoistsmen	9 043	64	287	1 821	4 479	527	446	389	186	400	140	61
Electricians	39 833	95	351	17 344	9 980	308	314	463	186	547	976	976
Excavating, grading, and road machine operators	25 492	827	868	17 829	1 998	629	411	194	64	67	67	67
Foremen, n.e.c.	139 244	1 591	2 181	13 870	72 045	3 586	2 432	2 128	1 516	5 499	6 285	9 416
Mechanics and repairmen	242 867	1 709	2 183	9 275	51 286	1 586	2 279	1 199	661	3 030	6 055	4 079
Automobile, including body	87 272	311	395	718	4 831	152	397	45	8	80	6 055	106
Mechanics, job setters, and toolmakers	60 335	82	189	521	52 269	452	884	930	5 429	16 042	4 909	4 909
Metal craftsmen, except mechanics and machinists	31 441	27	14	5 915	21 078	1 010	141	2 258	1 004	3 945	2 073	1 575
Painters, construction and maintenance, and plasterers and paperhangers	40 817	17	48	28 702	292	30	53	61	23	275	213	297
Plumbers and pipe fitters	30 268	215	233	18 080	5 311	30	81	197	32	140	232	140
Printing craftsmen	34 958	16	14	86	30 748	86	69	6	12	188	366	461
Stationary engineers and power station operators	14 197	67	923	466	3 777	64	146	103	14	150	296	303
Other craftsmen and kindred workers	221 171	791	576	47 374	48 630	6 689	1 075	715	130	2 467	608	2 776
Operatives, except transport	774 234	4 088	10 007	20 331	517 583	24 102	15 984	11 045	8 098	36 750	42 604	67 322
Assemblers	97 704	50	41	356	92 124	3 957	758	360	23	547	10 671	30 179
Checkers, examiners, and inspectors; manufacturing	49 332	—	—	—	49 332	479	2 625	611	787	3 072	4 927	11 244
Filers, polishers, sanders, and buffers	7 390	13	7	84	6 280	1 041	200	108	194	1 512	552	516
Painters, manufactured articles	10 646	—	—	—	7 044	303	303	126	72	372	340	853
Precision machine operatives	28 860	35	83	398	26 592	591	389	951	611	3 907	9 854	2 262
Welders and flame cutters	41 231	402	683	4 570	26 375	717	768	734	905	3 960	7 840	1 853
Other specified operatives	367 027	2 220	9 161	12 667	175 328	9 246	3 750	2 770	2 048	7 844	4 094	9 625
Machine operatives, miscellaneous specified	72 153	485	812	812	175 328	3 258	3 581	1 700	1 760	4 161	2 183	4 321
Machine operatives, not specified	33 883	138	—	—	29 694	1 310	994	854	963	3 322	2 106	2 106
Miscellaneous operatives	48 497	616	835	335	29 534	1 806	2 013	630	500	3 137	3 137	3 137
Not specified operatives	17 511	129	—	334	14 008	945	654	801	246	1 193	1 805	1 370

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

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

THE STATE—Continued

Total employed—Continued

	Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construc- tion	Manufacturing						
					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
Deliverymen and routemen	251 582	3 562	2 579	12 194	4 167	5 241	1 041	510	2 642	1 286	921
Truck drivers	63 379	738	186	764	610	534	75	28	447	346	165
Other transport equipment operatives	108 172	2 106	2 081	9 829	1 937	3 617	439	140	882	565	363
	80 081	718	312	1 601	1 620	1 090	527	342	1 313	375	393
Lebaners, except farm	308 606	32 901	864	47 261	8 479	2 876	2 286	595	2 990	1 466	1 934
Freight, stock, and material handlers	120 983	244	424	1 347	4 012	1 353	595	268	1 436	608	1 212
Other specified laborers	150 901	31 879	291	45 817	2 743	448	230	135	403	375	302
Miscellaneous laborers	13 921	374	44	172	884	640	630	73	668	82	73
Not specified laborers	23 501	304	105	97	840	903	821	159	483	401	347
Farm workers	161 422	161 422	-	-	-	-	-	-	-	-	-
Service workers, including private household	945 397	2 564	306	3 395	1 128	768	739	364	1 423	1 745	2 626
Cleaning service workers	164 814	1 011	239	2 080	572	572	468	257	1 002	1 270	1 704
Personal service workers	128 861	134	43	141	314	10	18	5	22	20	25
Guards and watchmen	28 082	1 228	88	262	140	140	151	42	214	204	575
Other service workers, including private household	623 640	-	912	912	140	46	102	60	165	205	322
Female employed	2 834 656	35 204	3 629	29 674	10 673	9 296	2 734	3 807	17 500	30 589	76 001
Professional, technical, and kindred workers	477 072	1 075	474	2 013	183	459	147	167	604	2 136	5 204
Accountants	24 170	85	154	635	80	82	58	56	185	373	906
Computer specialists	6 918	9	47	77	5	6	6	11	51	51	400
Life and physical scientists	2 791	82	45	13	5	26	5	5	9	30	39
Registered nurses, dietitians, and therapists	92 189	37	24	13	38	38	38	12	81	91	118
Social scientists	2 981	5	11	24	—	5	—	—	5	22	28
Writers, artists, and entertainers	28 948	392	22	245	51	223	11	18	55	185	323
Other professional, technical, and kindred workers	319 075	465	171	1 001	42	79	34	65	218	826	3 170
Managers and administrators, except farm	131 572	405	93	1 479	436	194	93	71	493	752	1 089
Salaried	104 716	166	79	1 169	402	174	93	71	451	451	1 085
Self-employed	26 856	239	14	310	34	20	—	—	42	35	4
Sales workers	225 958	464	5	314	184	54	32	50	144	165	314
Clerical and kindred workers	1 104 755	6 123	2 679	21 429	4 198	3 068	1 629	1 825	7 577	13 902	23 039
Bookkeepers	138 195	1 898	383	5 990	1 165	639	240	342	1 477	2 221	4 479
Cashiers	60 951	82	13	37	10	11	16	19	76	95	276
Counter clerks, except food	15 997	25	4	11	68	58	16	25	205	768	46
File clerks	31 990	135	133	318	175	175	137	138	367	455	1 460
Office machine operators	44 242	65	215	443	175	132	21	51	69	75	51
Bookkeeping and billing machine operators	6 731	—	14	101	19	13	14	35	230	280	445
Receptionists	36 212	761	63	448	90	103	618	698	2 806	6 190	9 794
Secretaries	275 654	1 401	954	8 288	53 062	1 033	34	27	2 806	6 190	9 794
Stenographers	12 737	79	72	476	1 212	1 033	34	27	2 806	6 190	9 794
Typists	111 845	454	270	1 784	373	269	117	157	663	1 231	2 350
Other clerical and kindred workers	376 932	1 223	572	3 654	1 028	739	407	384	1 680	2 469	5 285
Foremen, n.e.c.	46 161	239	123	2 685	824	256	134	180	817	1 664	2 646
Craftsmen and kindred workers	12 189	76	67	167	139	78	40	45	216	346	1 332
Operatives, except transport	274 976	1 515	178	546	4 420	4 976	546	1 433	7 180	12 158	42 781
Assemblers	52 802	10	—	120	4 420	4 976	546	1 433	7 180	12 158	42 781
Checkers, examiners, and inspectors, manufacturing	20 191	116	—	49 956	116	116	150	336	2 106	6 125	23 667
Packers and wrappers, except meat and produce	26 057	644	6	25	113	1 772	80	728	1 128	1 728	6 443
Other operatives, except transport	175 926	861	172	401	3 414	1 941	290	746	485	239	6 674
Transport equipment operatives	10 872	124	18	120	51	72	10	4	68	4 070	11 997
Lebaners, except farm	20 887	2 596	15	588	279	177	43	46	475	149	604
Farm workers	21 870	21 870	—	—	—	—	—	—	—	—	—
Service workers, including private household	520 533	773	44	500	98	40	100	31	142	213	312
Cleaning service workers	42 255	269	28	304	60	15	67	7	47	84	84
Personal service workers	88 222	112	36	36	38	10	—	—	9	10	20
Other service workers, including private household	390 056	392	11	160	—	—	33	24	86	78	208

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

THE STATE

Occupation	Total employed
Accountants	38 660
Architects	2 375
Computer specialists	413
Engineers	68
Chemical	1 016
Civil	24
Electrical and electronic	4 231
Industrial	313
Mechanical	3 258
Nuclear	3 279
Other engineers	17 010
Mathematical specialists	9
Life and physical scientists	628
Chemists	15
Personnel and labor relations workers	182
Social scientists	13
Engineering and science technicians	292
Draftsmen	141
Electrical and electronic engineering technicians	25
Industrial and mechanical engineering technicians	105
Technicians, except health, and engineering and science	156
Writers, artists, and entertainers	207
Other professional, technical, and kindred workers	1 984
Managers and administrators, except farm	420
Buyers, purchasing agents, and sales managers	1 564
Other managers and administrators	1 373
Self-employed	191
Sales workers	787
Clerical and kindred workers	4 594
Bookkeepers	559
Cashiers	13
Estimators and investigators, n.e.c.	94
Office machine operators	316
Shipping and receiving clerks	541
Stock clerks and storekeepers	2 304
Other clerical and kindred workers	2 304
Craftsmen and kindred workers	8 264
Blacksmiths, forgemen, hammermen, and boilermakers	26
Brickmasons and stonemasons	38
Carpeners	130
Carpenters and joiners	62
Electricians	1 823
Excavating, grading, and road machine operators	57
Foremen, n.e.c.	2 123
Mechanics and repairmen	2 090
Automobile, including body	2 449
Mechanics, job setters, and toolmakers	1 040
Metal craftsmen, except mechanics and machinists	588
Painters, construction and maintenance, and plasterers and paperhangers	295
Plumbers and pipe fitters	191
Printing craftsmen	7
Stationary engineers and power station operators	41
Other craftsmen and kindred workers	302
Operatives, except transport	17 955
Assemblers	8 689
Checkers, examiners, and inspectors; manufacturing	1 661
Filers, polishers, sanders, and buffers	1 091
Paniers, manufactured articles	344
Precision machine operatives	2 627
Welders and flamecutters	956
Other specified operatives	327
Machine operatives, miscellaneous specified	468
Machine operatives, not specified	643
Miscellaneous operatives	241
Not specified operatives	1 729

Manufacturing - Continued

Occupation	Durable goods - Continued				Nondurable goods				Other nondurable goods, not specified manufacturing			
	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
38 660	181 371	51 806	80 095	130 867	127 397	11 747	63 138	33 544	106 599	54 479	38 586	73 955
2 375	51 610	4 534	34 021	17 092	6 190	350	1 936	2 832	14 078	7 927	2 707	8 498
413	2 652	375	1 365	816	1 313	36	184	375	604	655	414	877
68	172	172	41	-	-	21	76	86	159	156	57	347
1 016	2 765	1 785	2 554	3 840	1 103	72	104	564	300	1 609	917	2 072
-	28 611	9	19 089	3 892	1 103	40	104	61	35	818	95	882
24	604	68	178	22	45	22	10	10	23	128	10	124
4 231	4 231	4 099	4 099	872	45	-	-	26	51	93	8	124
313	320	320	319	319	515	23	81	211	115	269	360	180
3 258	3 258	3 258	3 258	3 258	216	98	118	98	118	240	104	240
3 279	3 279	3 279	3 279	3 279	205	26	19	158	89	276	340	508
17 010	17 010	296	7 578	1 628	205	26	19	158	89	276	340	508
9	6	6	362	31	31	29	19	5	29	19	5	55
628	61	61	626	27	647	17	44	27	2068	675	182	675
15	342	43	162	143	510	38	11	27	38	1 868	168	486
182	1 402	232	648	326	499	35	114	154	320	347	163	263
13	463	39	345	221	162	115	5	33	109	115	18	209
292	7 533	932	4 276	2 106	1 231	57	101	250	317	2 073	566	1 618
141	2 415	338	1 724	88	88	11	148	38	148	143	109	334
25	1 828	320	1 704	493	9	90	66	13	90	33	5	99
105	1 386	48	249	26	86	6	26	39	21	111	38	99
156	2 610	46	192	26	13	-	5	4	21	4	16	274
207	2 610	332	1 892	1 440	289	81	1 261	287	11 687	270	138	2 057
1 984	10 549	2 160	6 073	10 116	9 099	891	3 439	2 273	9 853	5 599	3 033	4 659
420	2 243	420	800	429	2 211	541	410	545	2 370	3 387	565	557
1 564	8 307	1 731	5 273	8 467	6 888	738	3 029	1 728	7 488	4 212	2 468	4 102
1 373	8 150	1 452	5 258	7 263	6 332	645	2 273	1 684	5 664	3 940	2 094	3 604
191	156	279	15	124	556	93	756	44	1 819	272	374	498
787	992	419	313	4 267	4 771	875	2 344	1 558	14 045	5 257	1 200	3 938
4 594	32 328	5 035	14 924	19 353	14 327	1 624	5 522	4 140	22 356	9 863	4 667	9 576
559	1 920	579	945	1 686	2 776	192	1 221	467	2 800	1 462	635	925
13	62	25	30	50	199	5	25	4	90	14	8	55
94	776	390	283	177	97	37	41	129	433	115	65	148
316	2 463	196	1 088	642	1 002	108	306	262	518	207	226	518
541	1 031	232	523	1 288	1 498	108	997	567	701	2 073	386	386
767	2 523	358	895	648	1 799	112	208	231	352	389	364	364
2 304	23 553	2 973	11 352	14 862	8 142	954	2 724	2 480	16 839	6 158	2 668	7 249
8 264	37 926	24 844	9 680	23 393	19 365	1 429	5 481	6 050	32 144	6 608	5 922	12 473
26	194	426	9	45	4	5	-	10	20	35	22	268
130	417	4 135	1 072	217	214	14	15	75	49	153	86	111
62	332	376	167	287	358	4	6	22	45	176	14	176
57	1 823	2 209	424	10	549	15	6	185	144	308	148	276
2 123	8 276	2 355	2 863	3 340	6 680	620	2 072	1 946	3 179	2 750	2 440	2 555
2 090	10 116	2 378	2 297	1 727	5 166	267	558	1 554	1 021	1 436	1 248	1 474
2 449	2 449	1 114	49	34	575	16	67	37	67	47	38	139
1 040	9 874	3 309	2 314	1 968	852	109	62	394	251	495	1 223	688
588	4 067	3 123	594	913	140	3	61	195	61	55	90	100
295	625	1 029	170	182	155	14	27	170	38	152	90	51
191	421	2 456	93	42	118	4	4	123	4	135	83	676
7	338	71	268	60	154	34	60	1 289	26 984	109	78	676
41	296	89	121	98	477	24	24	57	29	387	71	616
302	1 084	2 832	419	1 452	4 177	320	2 684	155	355	164	241	5 205
42 464	11 258	12 725	47 879	42 822	47 138	9 116	9 405	13 716	9 405	14 596	18 392	27 442
13 204	1 775	8 315	2 364	8 315	1 126	384	1 126	825	466	1 630	1 630	3 377
6 828	591	3 096	442	1 349	1 860	442	1 349	874	594	862	1 712	3 377
679	110	47	512	29	49	5	14	5	14	65	102	27
866	679	206	589	40	33	40	33	30	47	174	164	121
358	358	358	358	358	358	358	358	358	358	358	358	358
415	415	415	415	415	415	415	415	415	415	415	415	415
957	1 957	861	919	25	27	42	21	89	21	357	129	540
4 601	1 361	1 394	25 704	38 258	27 350	475	38 258	3 814	2 513	4 956	3 197	16 594
3 196	764	1 028	3 450	3 450	6 424	5 226	1 013	3 822	2 607	3 403	7 107	3 297
2 000	2 000	1 028	689	1 722	9 643	-	-	1 986	3 603	1 813	2 134	862
2 011	1 073	658	2 362	2 362	3 644	-	-	2 362	1 364	1 318	1 318	928
1 729	650	483	829	829	1 228	-	-	581	1 563	537	1 563	623

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	Retail trade										Finance and real estate		
	Railroads and railway express service	Trucking and warehousing	Other transportation	Communications	Utilities and sanitary services	Wholesale trade	General merchandise retailing	Food stores	Automotive dealers and gasoline stations	Eating and drinking places		Other retail trade	Insurance
Total employed.....	41 014	95 689	136 254	134 430	125 732	331 810	202 125	175 359	175 493	268 052	422 882	134 338	308 827
Professional, technical, and kindred workers.....	1 702	1 476	15 482	18 430	16 389	15 769	4 351	1 849	1 687	4 839	17 607	7 212	13 876
Accountants.....	386	642	1 151	845	1 170	3 428	1 123	582	684	353	1 329	2 245	5 173
Architects.....	5	—	32	11	43	42	12	12	—	—	16	29	112
Computer specialists.....	142	74	346	542	436	1 476	142	89	37	32	257	1 004	1 438
Engineers.....	361	167	2 003	6 301	5 876	4 048	1 110	96	166	21	540	687	576
Chemical.....	6	5	—	—	93	87	—	—	—	—	9	—	9
Civil.....	163	28	158	218	184	139	9	18	22	—	20	58	200
Electrical and electronic.....	277	24	191	506	2 212	430	24	11	6	—	115	549	110
Industrial.....	46	24	33	307	212	296	38	21	21	21	37	16	29
Mechanical.....	26	24	1 043	580	580	374	21	26	26	—	79	55	188
Other engineers.....	36	44	408	408	960	2 742	23	19	91	—	280	55	188
Mathematical specialists.....	20	11	41	124	59	79	22	10	5	4	7	375	70
Life and physical scientists.....	13	13	17	28	451	346	19	10	23	—	119	—	67
Chemists.....	13	13	17	28	451	346	19	10	23	—	119	—	67
Personnel and labor relations workers.....	133	197	758	2 009	486	1 038	1 297	460	244	419	921	984	1 970
Social scientists.....	11	36	63	248	185	444	35	32	49	26	72	110	725
Engineering and science technicians.....	331	57	528	2 409	3 186	1 360	82	67	14	26	166	173	390
Draftsmen.....	158	5	66	1 900	1 460	419	36	25	15	10	98	144	217
Electrical and electronic engineering technicians.....	40	—	181	1 800	1 460	419	16	10	8	5	98	13	38
Industrial and mechanical engineering technicians.....	—	5	26	5	217	281	31	4	52	10	92	—	12
Technicians, except health, and engineering and science.....	11	97	8 919	630	718	1 484	972	147	95	3 861	2 452	543	1 214
Writers, artists, and entertainers.....	100	92	608	4 552	3 520	1 742	494	309	228	3 102	11 431	989	2 096
Other professional, technical, and kindred workers.....	189	85	1 018	351	3 520	1 742	494	309	228	3 102	11 431	989	2 096
Managers and administrators, except farm.....	4 127	6 648	11 812	9 814	6 052	48 914	23 051	25 081	37 701	31 550	65 075	12 825	70 798
Buyers, purchasing agents, and sales managers.....	3 943	373	820	792	598	14 786	11 470	13 786	3 785	706	14 640	11 712	1 572
Other managers and administrators.....	3 943	6 275	10 992	9 022	5 454	34 175	11 581	19 348	28 916	30 844	50 430	11 712	69 226
Soldiers.....	—	4 316	9 785	8 904	5 115	26 857	9 822	17 043	17 017	17 043	30 250	10 470	61 756
Self-employed.....	286	1 959	1 207	1 118	339	7 318	1 759	8 036	11 899	13 801	20 185	643	7 470
Sales workers.....	8 935	14 420	28 626	65 012	28 149	74 428	44 125	44 081	17 572	15 545	70 844	67 043	132 803
Clerical and kindred workers.....	556	2 263	2 091	2 058	2 629	14 166	3 340	3 258	7 988	2 081	16 701	5 174	14 658
Bookkeepers.....	167	223	560	672	432	1 751	2 327	30 376	4 714	9 481	11 886	2 393	4 945
Cashiers.....	397	398	485	2 272	1 333	3 19	2 808	30 376	4 714	9 481	11 886	2 393	4 945
Estimators and investigators, n.e.c.....	629	303	712	1 514	388	4 200	2 794	1 003	284	67	143	2 871	8 550
Office machine operators.....	368	1 656	1 671	1 860	630	700	2 794	1 003	284	67	143	2 871	8 550
Shipping and receiving clerks.....	477	410	1 072	1 072	630	464	676	2 893	2 893	232	4 052	185	137
Stock clerks and storekeepers.....	6 341	8 967	22 035	57 567	21 131	43 143	18 892	4 984	6 851	2 296	33 470	56 868	102 505
Other clerical and kindred workers.....	13 657	8 070	21 684	36 274	38 225	30 826	9 388	7 918	37 773	1 435	38 713	938	5 297
Craftsmen and kindred workers.....	177	5	18	28	123	94	—	94	35	4	35	—	6
Blacksmiths, farriers, hammermen, and boilermakers.....	—	—	—	—	26	26	—	—	—	—	—	—	—
Brickmasons and stonemasons.....	388	77	292	143	466	418	268	49	187	90	876	43	547
Carpenters.....	184	61	438	19	252	574	4	4	4	—	31	8	20
Cement masons, derrickmen, and hoistmen.....	1 041	46	720	142	2 583	419	62	59	40	25	205	8	122
Electricians.....	130	94	59	6	1 429	272	6	6	6	—	251	4	127
Excavating, grading, and road machine operators.....	1 415	2 688	3 385	3 093	6 407	9 669	2 369	1 796	1 267	293	344	344	1 764
Foremen, n.e.c.....	3 785	4 189	15 337	14 556	8 013	10 606	3 874	693	3 487	10 139	10 481	72	882
Mechanics and repairmen.....	62	3 546	1 430	265	931	2 043	1 004	356	33 188	46	553	10	54
Automobile, including body.....	963	—	—	—	399	1 016	27	37	359	—	214	9	77
Machinists, job setters, and toolmakers.....	270	84	480	3	61	504	8	9	6	—	234	—	985
Metal craftsmen, except mechanics and machinists.....	182	95	365	50	278	408	132	58	204	107	538	55	158
Painters, construction and maintenance, and plasterers and paperhangers.....	304	23	87	243	1 319	285	30	5	26	5	195	133	168
Plumbers and pipe fitters.....	142	74	81	81	74	295	89	70	15	5	32	37	374
Printing craftsmen.....	430	109	281	152	4 117	437	76	69	42	5	75	32	374
Stationary engineers and power station operators.....	4 760	572	741	30 814	12 678	5 823	2 443	5 049	760	673	22 055	219	648
Other craftsmen and kindred workers.....	1 610	2 088	6 413	603	5 884	34 963	3 835	22 735	47 222	1 493	14 622	232	899
Operatives, except transport.....	23	26	71	105	124	2 066	61	31	159	15	622	23	36
Assemblers.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Filers, polishers, sanders, and buffers.....	—	10	30	4	7	101	24	15	226	6	138	—	—
Painters, manufactured articles.....	—	8	4	4	14	107	4	—	1	—	44	—	—
Printers, machine operators.....	117	14	52	29	62	101	12	—	1	—	87	—	—
Precision machine operators.....	544	190	295	206	1 277	1 290	30	9	100	26	379	5	37
Welders and flamecutters.....	255	1	269	206	2 083	2 635	3 254	20 936	44 897	865	11 418	84	335
Other specified operatives.....	46	1 228	3 522	60	3 132	310	134	794	384	65	178	62	178
Machine operatives, miscellaneous specified.....	194	35	74	39	250	1 288	41	80	47	13	254	33	99
Machine operatives, not specified.....	272	367	1 445	145	1 603	3 250	237	584	189	50	732	19	169
Miscellaneous operatives.....	159	41	94	15	154	639	38	286	169	39	315	6	29
Not specified operatives.....	—	—	—	—	—	—	—	—	—	—	—	—	—

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

THE STATE

Occupation	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 membership organizations	Other professional and related services	Public administration
Total employed	187 474	129 915	71 108	268 206	108 236	258 707	175 521	476 814	128 762	119 905	235 318	485 453
Professional, technical, and kindred workers	42 963	4 169	2 542	3 365	30 625	101 916	72 629	285 624	73 374	52 222	127 584	82 695
Accountants.....	4 272	286	903	254	801	875	428	1 185	53	10	5 415	10 373
Architects.....	66	4	11	22	26	16	9	1 261	57	186	2 393	3 078
Computer specialists.....	5 948	151	11	50	159	284	92	579	549	357	14 442	15 041
Engineers.....	6 446	354	65	71	393	590	375	1 043	14	5	305	102
Physicians.....	143	6	—	—	5	—	—	13	—	—	—	5 095
Civil.....	240	23	9	6	19	—	57	20	20	82	4 329	2 755
Electrical and electronic.....	1 545	101	20	4	202	57	11	239	205	72	2 603	2 704
Industrial.....	1 535	28	18	18	23	22	40	14	36	32	637	1 110
Mechanical.....	519	46	26	29	35	16	16	174	216	155	4 653	3 275
Other engineers.....	2 464	150	10	14	109	114	253	272	—	—	—	641
Mathematical specialists.....	207	11	6	19	8	75	114	163	55	48	389	3 077
Life and physical scientists.....	1 408	11	12	31	47	877	793	1 946	717	74	2 784	7 782
Chemists.....	772	—	—	3	29	306	270	698	240	27	417	6 722
Personnel and labor relations workers.....	5 134	102	93	173	291	714	251	1 121	348	1 102	1 024	2 099
Social scientists.....	1 761	17	5	22	32	909	615	1 625	304	263	10 034	8 841
Engineering and science technicians.....	5 016	304	15	165	907	329	259	3 080	1 105	105	5 759	2 151
Draftsmen.....	3 378	48	15	109	105	28	—	224	181	22	3 307	1 802
Electrical and electronic engineering technicians.....	1 204	218	—	9	650	62	6	601	231	—	452	5 788
Industrial and mechanical engineering technicians.....	182	5	—	14	14	6	—	110	316	110	452	3 113
Technicians, except health, engineering and science.....	358	203	839	4 579	363	74	174	2 416	1 203	3 702	12 684	23 525
Writers, artists, and entertainers.....	8 162	317	563	3 302	18 595	418	320	2 416	67 555	45 667	57 197	—
Other professional, technical, and kindred workers.....	3 970	2 409	—	9 003	97 055	271 447	69 202	2 714	—	—	—	—
Managers and administrators, except farm	20 444	10 687	13 880	12 474	11 549	6 426	6 209	22 885	8 373	11 361	8 736	44 990
Buyers, purchasing agents, and sales managers.....	1 687	391	224	396	292	6 177	6 140	22 241	286	191	407	2 427
Other managers and administrators.....	18 757	10 296	13 656	12 078	11 257	6 177	6 140	22 241	8 087	11 170	8 339	42 563
Salaries.....	13 808	8 343	6 032	6 350	8 888	6 023	4 500	22 241	7 114	11 032	7 310	42 563
Self-employed.....	4 949	4 264	5 313	5 728	2 379	154	1 640	—	973	1 138	1 019	—
Sales workers	8 696	2 617	544	3 426	3 441	345	292	570	792	1 210	2 010	935
Clerical and kindred workers.....	53 967	16 281	10 137	18 440	16 764	41 228	37 881	86 616	23 165	34 241	66 037	187 625
Bookkeepers.....	4 834	3 319	1 796	2 247	1 933	2 709	4 666	3 651	1 426	3 271	9 653	7 825
Cashiers.....	4 397	3 716	1 064	916	4 298	6 868	39	6 337	576	331	212	1 506
Estimators and investigators, n.e.c.....	2 133	598	118	118	129	186	175	1 160	117	457	326	4 032
Office machine operators.....	5 030	185	119	220	345	1 066	310	1 981	639	502	3 441	6 707
Shipping and receiving clerks.....	453	187	37	170	195	194	58	92	97	97	131	1 393
Stock clerks and storekeepers.....	799	262	125	181	296	1 334	176	1 421	296	176	288	5 500
Other clerical and kindred workers.....	40 326	10 954	6 903	14 588	9 658	34 771	32 457	77 490	20 019	29 407	51 996	160 862
Craftsmen and kindred workers	14 387	65 576	2 000	6 816	7 779	5 476	5 635	10 690	2 568	2 501	4 890	44 598
Blacksmiths, farriers, hammermen, and boilermakers.....	8	544	—	16	21	63	—	13	—	—	—	104
Brickmasons and stonemasons.....	14	13	14	14	4	5	—	—	—	32	—	67
Carpenters.....	6	13	274	266	614	475	70	1 369	274	554	146	1 709
Cranemen, derrickmen, and hoistsmen.....	303	24	—	4	33	406	20	770	215	150	139	3 430
Electricians.....	431	392	126	32	490	20	5	770	18	40	56	738
Excavating, grading, and road machine operators.....	382	72	20	26	34	20	247	962	295	378	741	4 965
Foremen, n.e.c.....	1 840	1 475	178	779	443	443	213	2 650	514	305	744	20 168
Mechanics and repairmen.....	4 621	50 929	361	889	1 921	1 071	213	2 650	514	305	744	20 168
Automobile, including body.....	338	32 192	27	135	130	50	38	109	109	58	44	3 339
Machinists, job setters, and toolmakers.....	456	617	10	79	241	30	22	200	89	457	44	1 502
Metal craftsmen, except mechanics and machinists.....	134	118	5	22	70	56	14	127	111	48	111	1 830
Painters, construction and maintenance, and plasterers and paperhangers.....	368	544	368	514	394	574	72	1 145	199	228	86	2 044
Plumbers and pipe fitters.....	455	138	83	29	76	322	36	617	151	117	139	1 390
Printing craftsmen.....	521	53	4	76	59	74	37	486	259	149	139	633
Stationary engineers and power station operators.....	206	50	278	155	50	1 325	38	352	82	42	164	1 010
Other craftsmen and kindred workers.....	4 104	10 414	279	3 935	2 973	6 121	4 861	1 758	454	413	2 023	4 713
Operatives, except transport	9 217	12 079	876	32 636	3 345	3 742	1 152	2 340	732	1 310	2 894	9 228
Assemblers, examiners, and inspectors; manufacturing.....	425	118	—	—	—	—	—	—	—	—	—	340
Checkers, packers, sanders, and buffers.....	—	—	—	—	—	—	—	—	—	—	—	—
Filers, pushers, sorters, and buffers.....	21	228	12	9	—	—	14	4	—	—	—	24
Painters, machine operatives.....	64	200	—	15	25	10	9	39	4	5	6	33
Polishers, machine operatives.....	40	626	—	17	80	18	—	227	18	65	135	124
Welders and flame cutters.....	200	3 272	—	49	2 770	3 320	765	608	296	622	1 726	5 024
Other specified operatives.....	4 489	788	764	298	68	87	63	141	45	76	202	666
Machine operatives, miscellaneous specified.....	606	333	30	55	28	11	5	141	43	11	99	433
Machine operatives, not specified.....	373	133	39	157	239	27	163	131	238	408	188	1 310
Miscellaneous operatives.....	2 875	187	15	154	29	27	19	146	19	22	84	354
Not specified operatives.....	120	—	—	—	—	—	—	—	—	—	—	—

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

THE STATE - Continued

Total employed - Continued

Occupation	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
Deliverymen and routemen	3 368	6 579	326	5 200	1 484	721	634	1 512	269	783	645	6 205
Truck drivers	1 674	6 520	48	3 255	1 120	230	459	459	79	122	99	4 431
Other transport equipment operatives	1 231	1 756	27	5 517	419	81	230	80	80	473	187	3 387
	443	4 173	261	928	945	321	94	648	359	188	359	2 387
Laborers, except farm	3 920	7 763	1 341	10 786	7 013	2 002	730	6 202	1 692	1 851	1 982	16 517
Freight, stock, and material handlers	698	1 794	67	8 003	1 209	718	22	628	124	563	123	7 027
Other specified laborers	666	5 42	949	8 130	2 009	983	577	5 166	1 472	993	123	8 355
Miscellaneous laborers	1 359	423	284	8 119	5 280	41	16	79	34	45	34	7 277
Not specified laborers	1 017	404	271	1 654	524	260	115	329	88	250	202	658
Farm workers	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	30 514	5 164	39 450	169 663	26 226	96 651	50 359	60 445	17 897	14 426	20 520	92 665
Cleaning service workers	19 385	1 004	17 090	2 287	4 189	14 704	4 367	28 949	6 261	6 309	1 155	11 100
Personal service workers	804	383	9 404	65 523	10 056	1 455	1 257	12 344	4 788	3 858	462	2 309
Guards and watchmen	7 676	81	295	10 10	969	521	168	604	374	161	416	6 861
Other service workers, including private household	2 649	3 696	12 661	101 163	11 022	79 971	44 567	18 548	6 474	4 098	18 487	72 395
Female employed	71 306	18 919	39 998	190 036	36 475	196 363	118 414	284 211	78 941	64 826	109 612	146 324
Professional, technical, and kindred workers	10 771	950	883	4 049	8 726	79 240	30 497	168 397	45 136	22 719	32 166	18 244
Accountants	1 878	91	299	152	261	185	198	683	177	432	442	3 360
Computer specialists	1 047	27	9	9	41	39	23	346	159	70	802	4 802
Life and physical scientists	149	5	12	7	319	503	319	70	28	28	442	208
Registered nurses, dietitians, and therapists	656	5	59	1 787	75	61 791	19 605	4 053	689	619	237	252
Social scientists	6	6	8	4	8	375	142	739	142	70	255	94
Writers, artists, and entertainers	2 174	104	248	1 109	4 340	256	166	1 004	529	1 951	3 854	294
Other professional, technical, and kindred workers	4 704	717	263	969	4 000	15 771	9 904	161 205	43 287	19 549	22 936	11 806
Managers and administrators, except farm	3 604	969	5 683	3 418	1 796	2 857	3 555	7 445	3 692	2 967	2 375	7 489
Salaried	2 562	607	3 536	1 738	1 318	2 470	2 470	7 445	3 122	2 896	2 088	7 489
Self-employed	1 042	362	2 147	1 680	478	47	1 083	-	570	71	287	-
Sales workers	2 513	630	313	1 985	2 098	217	172	393	241	565	858	397
Clerical and kindred workers	43 610	12 325	6 870	16 413	12 758	37 468	36 617	75 853	19 194	30 390	58 760	108 994
Bookkeepers	4 189	2 844	1 290	1 555	2 473	2 473	4 457	3 283	1 225	2 926	8 069	5 886
Cashiers	1 879	479	879	3 091	3 091	890	39	1 481	46	295	193	1 251
Counter clerks, except food	239	523	1 305	5 421	356	1 505	5	1 806	85	150	58	4 442
File clerks	1 428	176	36	173	170	1 505	948	1 357	374	834	727	5 040
Office machine operators	3 392	125	71	183	233	873	208	1 357	391	383	2 419	5 306
Bookkeeping and billing machine operators	1 428	9	28	53	15	294	10 077	1 132	16	42	141	1 466
Receptionists	1 446	306	262	1 890	361	5 294	8 823	7 944	938	1 337	1 451	4 466
Secretaries	13 048	2 203	1 081	1 697	4 69	8 823	13 762	23 089	7 944	12 978	24 730	17 103
Stenographers	609	33	28	1 69	4	8 823	13 762	23 089	7 944	12 978	24 730	17 103
Typists	5 921	445	232	367	69	4 559	2 602	11 584	2 245	6 138	3 379	21 311
Other clerical and kindred workers	12 985	5 191	1 686	3 709	2 116	12 225	4 100	31 247	5 416	4 925	17 329	47 700
Craftsmen and kindred workers	1 210	1 276	165	1 223	247	209	1 181	1 184	301	202	402	1 358
Foremen, n.e.c.	264	25	38	246	74	108	76	82	57	134	63	336
Operatives, except transport	3 107	1 068	541	22 381	850	2 135	753	789	345	547	1 079	1 147
Assemblers	269	44	4	11	5	5	51	15	29	55	239	1 132
Checkers, examiners, and inspectors; manufacturing	469	31	-	184	5	48	48	26	33	44	41	222
Packers and wrappers, except meat and produce	2 369	993	537	22 093	830	2 082	654	748	283	448	799	793
Other operatives, except transport	251	207	5	275	62	20	192	190	57	74	44	115
Transport equipment operatives	344	305	98	1 204	164	597	79	211	98	133	195	994
Laborers, except farm	-	-	-	-	-	-	-	-	-	-	-	-
Farm workers	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	5 886	1 188	25 440	139 088	9 774	73 530	45 368	29 749	9 877	7 299	13 733	7 586
Cleaning service workers	4 188	183	13 098	2 493	563	7 290	2 493	2 457	1 319	1 829	3 888	1 166
Personal service workers	6 982	29	6 982	43 941	3 487	9 62	1 161	10 408	4 095	3 134	319	855
Other service workers, including private household	1 074	785	5 360	94 311	5 704	65 278	41 714	16 684	4 463	2 266	13 026	5 565

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]

	Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing							
					Total	Furniture, lumber, and wood products	Stone, clay, and glass products	Primary ferrous industries	Primary nonferrous industries	Fabricated metal industries, including non-specified metal	Machinery, except electrical	Electrical machinery, equipment, and supplies
ANAHEIM-SANTA ANA-GARDEN GROVE SMSA—Continued												
Total employed—Continued												
Transport equipment operatives.....	15 582	143	153	813	3 137	154	385	21	45	184	86	102
Deliverymen and routemen.....	4 621	20	9	110	1 081	49	43	3	9	45	54	50
Truck drivers.....	7 006	92	111	501	1 106	71	290	8	16	63	32	29
Other transport equipment operatives.....	3 955	31	33	147	950	34	52	10	20	76	—	47
Labors, except farm	19 229	2 360	17	3 572	2 026	86	146	13	15	152	93	223
Freight, stock, and material handlers.....	7 370	14	13	102	778	42	69	—	7	87	26	98
Other specified laborers.....	10 025	2 310	4	3 459	535	12	27	—	4	20	46	65
Miscellaneous laborers.....	772	15	—	93	215	5	4	9	4	22	5	5
Not specified laborers.....	1 122	21	—	12	420	20	50	4	4	23	16	56
Farm workers	3 472	3 472	—	—	—	—	—	—	—	—	—	—
Service workers, including private household.....	62 685	100	21	243	1 974	27	47	23	33	112	167	319
Cleaning service workers.....	10 316	30	11	185	1 147	21	32	23	22	96	113	214
Personal service workers.....	9 314	13	—	10	35	—	—	—	—	—	—	—
Grade and watchmen.....	1 736	10	6	14	328	—	15	—	—	16	8	77
Other service workers, including private household.....	41 319	47	4	34	466	6	—	—	11	—	46	28
Female employed	194 026	1 456	212	2 268	37 310	424	719	123	182	1 736	2 837	9 280
Professional, technical, and kindred workers.....	32 554	57	48	140	2 645	—	17	9	6	56	206	648
Accountants.....	1 586	—	5	61	409	—	—	—	—	14	69	133
Computer specialists.....	385	—	—	—	263	—	—	—	—	—	50	71
Life and physical scientists.....	136	9	11	—	35	—	—	—	—	—	—	—
Nurses, dietitians, and therapists.....	5 682	4	11	—	106	—	5	5	—	10	5	23
Social scientists.....	237	—	—	—	65	—	—	—	—	5	6	11
Writers, artists, and entertainers.....	2 035	14	4	36	402	—	5	—	—	21	21	33
Other professional, technical, and kindred workers.....	23 493	30	17	43	1 365	—	7	4	6	27	55	377
Managers and administrators, except farm.....	8 720	16	10	110	806	34	17	—	19	45	52	116
Salaried, self-employed.....	7 169	16	10	88	729	27	17	—	19	45	52	116
Self-employed.....	1 551	—	—	22	77	7	—	—	—	—	—	—
Sales workers	18 848	31	68	2 268	37 310	424	719	123	182	1 736	2 837	9 280
Chemical and kindred workers.....	72 602	275	133	1 618	15 351	208	270	67	58	762	1 222	3 235
Bookkeepers.....	8 646	54	7	437	1 781	76	—	20	14	137	207	283
Counter clerks, except food.....	4 701	5	—	39	39	—	—	—	—	—	—	—
File clerks.....	1 438	5	—	—	251	5	—	—	5	4	5	5
Office clerks, except food.....	1 791	5	13	—	469	—	—	—	—	—	—	—
Office machine operators.....	2 797	5	10	9	917	5	23	5	—	54	71	118
Bookkeeping and billing machine operators.....	429	—	—	—	70	—	—	—	—	—	—	—
Receptionists.....	2 677	65	48	35	300	—	10	3	—	10	37	89
Secretaries.....	20 653	82	17	805	6 034	72	114	22	15	290	589	1 418
Shenographers.....	5 572	5	11	—	116	—	—	—	—	6	40	40
Typists.....	6 265	3	5	86	1 317	9	35	—	16	69	93	305
Other clerical and kindred workers.....	23 062	51	33	209	3 827	41	65	10	8	194	274	717
Craftsmen and kindred workers	3 354	14	4	208	1 575	24	38	7	7	55	82	305
Foremen, n.e.c.....	724	—	4	7	433	—	—	—	—	9	46	142
Operatives, except transport	19 594	54	17	26	15 940	143	357	42	75	742	1 121	4 824
Assemblers.....	5 512	—	—	4	5 294	56	14	27	15	267	584	2 593
Checkers, examiners, and inspectors, manufacturing.....	1 660	—	—	—	1 660	—	—	—	9	63	137	66
Packers and wrappers, except meat and produce.....	1 824	33	—	—	1 998	—	77	6	—	30	34	64
Other operatives, except transport.....	10 598	21	17	22	7 588	83	190	9	51	372	366	1 507
Transport equipment operatives	918	4	—	5	44	5	11	—	4	10	3	—
Labors, except farm.....	1 290	155	—	62	262	—	—	—	—	26	15	62
Farm workers.....	807	807	—	—	—	—	—	—	—	—	—	—
Service workers, including private household.....	34 339	43	—	31	255	—	4	—	7	10	18	35
Cleaning service workers.....	2 496	6	—	22	99	—	4	—	—	10	7	21
Personal service workers.....	2 496	6	—	22	99	—	4	—	—	10	7	21
Other service workers, including private household.....	25 489	32	—	4	131	—	—	—	—	—	—	—

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)

	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
ANAHEIM-SANTA ANA-GARDEN GROVE SMSA													
Total employed	2 361	25 953	4 777	11 214	13 956	6 626	969	1 892	3 136	8 168	5 005	5 809	4 930
Accountants	291	9 784	301	5 781	2 511	572	62	52	172	948	869	530	889
Architects	29	461	30	243	65	108	16	-	-	40	66	40	88
Computer specialists	-	-	13	411	70	34	5	-	11	4	5	-	17
Engineers	183	5 712	112	3 529	686	100	15	4	62	48	217	226	217
Chemical	-	52	-	52	11	12	-	-	8	5	78	16	64
Civil	-	90	6	52	6	4	-	-	-	-	6	-	10
Electrical and electronic	19	1 087	18	938	146	11	-	-	-	14	41	67	19
Industrial	55	709	21	481	155	33	4	4	6	14	19	34	34
Mechanical	39	620	33	673	91	17	-	-	26	6	34	109	23
Other engineers	50	3 154	34	1 363	277	23	11	-	22	23	73	47	47
Mathematical specialists	-	90	-	87	12	-	-	-	5	6	-	-	8
Life and physical scientists	-	68	-	107	27	60	6	-	-	-	263	53	85
Chemists	-	53	-	20	10	52	6	-	-	-	234	48	47
Personnel and labor relations workers	17	207	11	78	68	50	-	21	19	66	31	40	4
Social scientists	5	114	6	130	48	28	-	8	4	26	169	104	144
Engineering and science technicians	21	1 121	63	521	266	87	20	8	6	-	4	28	34
Draftsmen	10	437	31	158	100	5	6	8	6	-	7	-	5
Electrical and electronic engineering technicians	5	319	23	211	68	4	-	-	-	-	13	-	-
Industrial and mechanical engineering technicians	6	85	-	11	10	-	-	-	-	-	52	27	18
Technicians, except health, and engineering and science	25	512	38	258	150	23	-	15	36	684	39	21	258
Writers, artists, and entertainers	11	809	19	403	1 109	82	-	4	12	74	27	27	11
Other professional, technical, and kindred workers													
Managers and administrators, except farm	224	1 863	277	1 094	1 302	772	100	156	282	866	790	614	432
Buyers, purchasing agents, and sales managers	51	295	53	139	239	207	21	27	96	215	245	75	215
Other managers and administrators	183	1 578	224	955	1 063	565	79	129	186	651	545	499	357
Salaries	149	1 553	184	955	972	538	65	109	186	479	537	422	331
Self-employed	34	25	40	28	91	27	14	20	-	172	8	77	26
Sales workers	121	123	90	28	590	458	82	112	308	1 353	722	324	381
Clerical and kindred workers	373	4 361	429	1 998	2 252	924	134	95	328	1 611	770	636	513
Bookkeepers	53	254	45	152	190	151	23	20	27	151	127	103	53
Cashiers	-	12	-	34	21	-	-	-	-	4	-	4	9
Estimators and investigators, n.e.c.	21	143	66	46	46	17	5	-	10	68	5	38	10
Office machine operators	5	295	2	133	60	28	5	-	25	88	87	33	9
Shipping and receiving clerks	36	96	40	40	126	88	10	-	17	60	57	47	33
Stock clerks and storekeepers	222	3 296	219	1 533	1 732	588	96	75	204	1 174	455	389	389
Other clerical and kindred workers													
Craftsmen and kindred workers	580	4 489	2 454	1 016	2 244	777	146	176	576	2 331	463	956	867
Blacksmiths, forgers, hammermen, and boilermakers	-	24	27	6	5	8	-	-	-	-	8	-	6
Brickmasons and stonemasons	11	83	769	6	22	-	-	-	-	4	25	9	6
Carpenters	37	283	198	32	28	48	-	-	8	19	19	21	42
Croftsmen, derrickmen, and hoistmen	-	-	-	-	-	-	-	-	-	-	-	-	-
Electricians	209	1 345	4	384	492	245	70	75	206	275	231	476	203
Excavating, grading, and road machine operators	135	910	197	216	214	272	34	33	212	128	90	229	118
Foremen, n.e.c.	139	39	13	10	34	34	14	-	10	19	20	6	25
Mechanics and repairmen	98	1 002	226	201	242	17	-	-	-	22	45	193	45
Automobile, including body	-	-	-	-	-	-	-	-	-	-	-	-	-
Machinists, job setters, and toolmakers	38	462	277	73	116	6	6	6	5	6	-	12	-
Metal craftsmen, except mechanics and machinists	18	51	152	5	23	6	4	-	18	-	4	5	56
Painters, construction and maintenance, and plasterers and paperhangers	-	-	5	31	-	6	5	-	89	1 830	5	5	60
Plumbers and pipe fitters	-	-	4	42	37	21	5	6	7	-	20	15	15
Stationary engineers and power station operators	10	53	4	65	1 130	149	19	56	10	42	4	30	303
Other craftsmen and kindred workers													
Operatives, except transport	688	4 759	977	1 133	4 488	1 697	407	1 270	1 134	732	1 109	2 428	1 563
Assemblers	263	1 424	234	898	299	34	20	18	80	28	50	204	31
Checkers, examiners, and inspectors, manufacturing	102	1 015	56	393	225	114	53	33	69	42	69	21	272
Filers, polishers, sanders, and buffers	6	81	52	11	76	-	6	7	-	12	22	7	38
Painters, manufactured articles	37	73	94	5	59	4	-	-	17	5	15	57	22
Precision machine operatives	45	605	143	103	175	18	4	5	5	-	28	16	52
Welders and flamecutters	74	203	605	85	57	895	328	1 128	350	218	326	486	761
Other specified operatives	31	416	107	118	37	412	42	38	356	131	306	843	269
Machine operatives, miscellaneous specified	24	309	70	59	380	91	217	38	37	102	161	241	41
Machine operatives, not specified	47	220	-	59	217	64	-	34	86	131	111	236	31
Miscellaneous operatives	17	187	82	26	72	57	-	25	11	45	21	86	44
Not specified operatives													

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.]

	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
Total employed—Continued													
Transport equipment operatives	11	179	45	33	134	933	34	12	207	153	130	150	139
Deliverymen and roulemen	—	18	8	4	19	89	—	7	49	89	35	25	13
Truck drivers	4	127	31	13	16	190	19	5	33	53	37	35	34
Other transport equipment operatives	7	34	6	16	99	178	15	—	125	11	38	90	92
Laborers, except farm	27	105	100	22	218	311	4	5	113	95	78	706	114
Freight, stock, and material handlers	22	81	27	12	145	160	—	—	81	75	60	71	27
Other specified laborers	5	20	41	12	94	84	—	—	11	10	14	4	63
Miscellaneous laborers	—	4	—	10	72	17	4	5	5	—	—	—	6
Not specified laborers	—	—	32	—	—	50	—	—	16	10	4	26	18
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	36	290	104	89	217	182	—	14	16	59	74	65	102
Cleaning service workers	22	157	78	22	82	84	—	4	16	39	52	55	15
Personal service workers	—	5	—	—	6	8	—	—	—	5	—	—	5
Onards and watchmen	14	101	21	53	4	—	—	4	—	—	—	10	—
Other service workers, including private household	—	27	5	14	125	90	—	—	—	10	22	—	82
Female employed	245	4 668	382	2 047	4 442	1 782	321	1 388	655	2 479	1 101	1 514	985
Professional, technical, and kindred workers	5	509	19	313	245	121	5	36	24	252	104	35	35
Accountants	5	88	5	27	23	13	—	—	4	—	13	6	—
Computer specialists	—	66	—	56	15	12	—	—	—	—	17	—	—
Life and physical scientists	—	6	—	—	—	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	—	16	—	23	18	9	—	—	—	5	—	—	—
Social scientists	—	5	—	15	—	—	—	—	10	204	17	5	—
Writers, artists, and entertainers	—	16	6	16	23	—	—	9	—	38	57	18	27
Other professional, technical, and kindred workers	—	280	8	176	166	77	5	27	10	—	—	—	—
Managers and administrators, except farm	5	83	—	30	61	34	5	30	—	179	41	32	22
Salaried	5	77	—	30	55	34	5	26	—	140	41	28	17
Self-employed	—	6	—	—	6	—	—	4	—	39	—	5	5
Sales workers	—	9	—	—	30	57	4	—	6	253	20	—	34
Clerical and kindred workers	191	2 639	200	1 297	1 513	724	103	91	186	1 148	503	449	285
Bookkeepers	37	156	31	72	165	136	23	20	18	136	109	88	20
Cashiers	—	12	—	5	14	—	—	—	—	4	—	4	—
Counter clerks, except food	9	15	—	5	31	15	11	6	10	77	23	4	—
File clerks	5	134	5	41	28	18	—	—	15	48	5	6	9
Office machine operators	5	228	2	74	48	18	5	—	21	80	28	33	—
Bookkeeping and billing machine operators	—	10	—	—	—	—	—	—	—	—	—	—	—
Receptionists	4	10	—	4	23	5	—	—	—	—	—	—	—
Secretaries	99	1 057	74	715	539	281	46	37	51	188	186	148	93
Stenographers	5	28	—	—	—	—	—	—	—	—	—	—	—
Typists	16	308	37	157	77	59	8	4	17	200	55	40	12
Other clerical and kindred workers	16	691	27	229	588	192	6	24	49	372	81	104	139
Craftsmen and kindred workers	—	228	66	47	192	42	16	75	28	272	14	27	47
Foremen, n.e.c.	—	12	11	16	36	19	—	44	6	36	9	23	—
Operatives, except transport	39	1 162	66	343	2 335	761	188	1 141	406	313	396	965	521
Assemblers	22	195	17	165	632	30	15	7	42	177	35	173	18
Checkers, examiners, and inspectors; manufacturing	—	105	—	79	92	47	49	28	58	32	104	55	55
Packers and wrappers, except meat and produce	6	14	—	8	216	403	14	34	118	54	152	148	11
Other operatives, except transport	11	438	49	91	1 395	281	110	1 072	188	221	177	540	437
Transport equipment operatives	—	—	—	—	—	6	—	—	—	—	5	—	—
Laborers, except farm	5	23	26	—	29	6	—	5	5	42	—	—	18
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	—	15	5	17	37	31	—	10	—	20	18	5	23
Cleaning service workers	—	6	5	4	18	—	—	—	—	10	5	—	5
Personal service workers	—	5	—	—	6	3	—	6	—	—	—	—	—
Other service workers, including private household	—	4	—	13	13	28	—	—	—	10	13	—	18

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

ANAHEIM-SANTA ANA-GARDEN GROVE SMSA

Total employed

Professional, technical, and kindred workers

Occupation	Railroads and air express service	Trucking service and ware- housing	Other transportation	Communi- cations	Utilities and sanitary services	Wholesale trade	General merchandise retailing	Food stores	Automotive dealers and gasoline stations	Eating and drinking places	Other retail trade	Insurance	Finance and real estate
Accountants	66	144	1	849	769	1 391	362	238	182	486	1 396	347	1 144
Architects	14	46	32	59	61	1 225	86	89	58	46	72	120	367
Computer specialists	5	5	13	14	34	115	—	3	—	—	4	—	36
Engineers	42	22	66	389	253	453	—	9	19	—	53	72	85
Chemical	—	—	—	—	—	9	—	—	—	—	—	—	4
Civil	14	—	15	10	79	—	—	—	—	—	14	—	36
Electrical and electronic	4	11	11	319	97	24	—	—	—	—	—	—	—
Industrial	6	16	5	14	5	16	—	—	5	—	16	—	17
Mechanical	5	35	13	8	27	13	—	—	4	—	23	—	19
Other engineers	13	—	5	38	25	382	—	—	10	—	—	—	—
Mathematical specialists	—	—	—	—	—	5	—	—	—	—	—	—	—
Life and physical scientists	—	—	7	—	21	16	—	—	4	—	11	—	18
Chemists	—	—	4	—	4	10	—	—	—	—	98	—	187
Personnel and labor relations workers	—	29	31	106	35	131	148	64	40	78	—	—	79
Social scientists	—	—	—	6	11	45	4	—	—	—	48	—	42
Engineering and science technicians	—	9	13	38	86	108	6	12	3	5	21	—	12
Draftsmen	—	—	8	5	62	43	6	4	—	—	28	—	7
Electrical and electronic engineering technicians	—	—	—	33	6	27	—	—	—	—	—	—	15
Industrial and mechanical engineering technicians	—	—	—	51	5	30	—	—	7	—	—	—	11
Technicians, except health, and engineering and science	—	21	1	156	32	110	61	16	12	357	255	29	117
Writers, artists, and entertainment workers	—	12	28	26	226	153	57	45	19	—	826	32	104
Other professional, technical, and kindred workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Managers and administrators, except farm	106	480	814	574	404	4 121	1 993	1 925	2 620	2 580	5 088	873	3 813
Buyers, purchasing agents, and sales managers	—	30	44	39	14	1 580	1 060	636	472	71	1 204	176	1 147
Other managers and administrators	106	450	770	535	390	2 541	1 933	2 148	2 148	2 509	3 884	687	5 666
Salaries	106	364	682	535	380	2 140	1 005	1 005	1 464	1 670	2 555	677	5 273
Self-employed	—	86	88	—	9	401	115	284	684	839	1 229	20	393
Sales workers	32	142	163	150	81	6 587	9 208	1 956	3 076	399	12 482	3 771	5 547
Clerical and kindred workers	142	1 086	950	3 448	1 262	4 096	3 439	3 181	1 219	1 183	4 651	4 489	8 235
Bookkeepers	—	69	69	77	155	730	353	300	536	251	1 204	183	912
Cashiers	—	16	16	75	21	43	865	2 167	72	872	849	16	130
Estimators and investigators, n.e.c.	22	26	17	164	119	70	140	12	28	5	58	—	391
Office machine operators	—	35	31	58	31	123	123	17	26	—	86	—	—
Shipping and receiving clerks	—	58	47	3	18	346	185	81	28	—	144	—	—
Stock clerks and stockkeepers	3	19	34	19	20	226	330	167	44	14	276	10	—
Other clerical and kindred workers	97	755	763	3 052	898	2 446	1 443	411	494	215	2 271	3 928	6 428
Craftsmen and kindred workers	202	480	772	2 577	2 080	1 892	904	826	2 952	94	2 599	66	339
Blacksmiths, farriers, hammermen, and boilermakers	—	—	—	—	—	—	—	—	—	—	—	—	—
Brickmasons and stonemasons	—	19	5	—	—	—	36	9	17	10	—	—	26
Carpenters	—	6	5	—	—	30	—	—	—	—	—	—	—
Electricians	—	12	12	9	117	25	10	—	5	—	11	—	10
Fabricators, fitters, and welders	—	—	—	—	—	—	—	—	—	—	—	—	—
Excavating, grading, and road machine operators	—	—	11	—	—	—	—	—	—	—	—	—	—
Ironing, hand and resipmen	38	203	120	184	364	650	267	269	86	16	253	26	50
Automobile including body	35	230	520	86	551	655	328	84	2 738	31	673	—	115
Machinists, job setters, and toolmakers	15	211	59	22	29	96	108	—	2 593	—	37	—	5
Metal craftsmen, except mechanics and machinists	—	—	13	—	6	31	—	—	—	—	—	—	—
Painters, construction and maintenance, and plasterers and paperhangers	—	—	20	—	10	16	24	5	14	—	24	4	84
Plumbers and pipe fitters	—	—	—	10	60	14	—	—	—	—	27	—	15
Printing craftsmen	—	—	—	—	—	—	—	—	—	—	—	—	—
Stationary engineers and power station operators	—	5	—	—	250	5	4	5	—	—	—	—	—
Other craftsmen and kindred workers	94	37	23	2 274	613	327	224	449	76	32	1 506	36	39
Operatives, except transport	4	49	199	24	257	1 509	217	1 590	3 242	78	826	22	58
Assemblers	—	—	23	—	5	77	—	—	—	—	62	—	5
Checkers, examiners, and inspectors; manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—
Filers, polishers, sanders, and buffers	—	—	—	—	7	11	—	—	9	—	11	—	—
Painters, manufactured articles	—	—	—	—	—	—	—	—	93	—	13	—	—
Precision machine operatives	—	4	—	—	—	—	—	—	5	—	—	—	—
Welders and flamecutters	—	5	10	—	48	73	—	—	4	—	16	—	—
Other specified operatives	—	37	109	—	107	939	205	1 492	3 091	66	612	—	27
Machine operatives, miscellaneous specified	—	8	—	5	11	177	4	6	6	—	45	10	9
Machine operatives, not specified	—	—	—	—	—	—	—	—	—	—	12	—	—
Miscellaneous operatives	—	15	46	14	75	120	8	18	6	—	36	6	—
Not specified operatives	—	—	11	5	—	18	—	5	9	—	19	—	—

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

ANAHEIM-SANTA ANA-GARDEN GROVE SMSA - Continued

Total employed - Continued

Occupation	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communications	Utilities and sanitary services	Wholesale trade	Retail trade				Insurance	Finance and real estate	
							General merchandise retailing	Food stores	Automotive dealers and gasoline stations	Eating and drinking places	Other retail trade		
Deliverymen and routemen	98	3 496	1 205	5	685	2 110	217	498	203	323	925	-	149
Truck drivers	6	3 094	82	5	10	1 120	179	274	176	176	562	-	18
Other transport equipment operatives	92	79	1 099	-	296	692	19	82	49	112	225	-	108
Labors, except farm	39	512	244	21	461	1 117	418	3 394	167	86	1 109	5	359
Freight, stock, and material handlers	4	474	201	9	83	782	379	3 306	12	21	578	5	6
Other specified laborers	4	14	26	12	222	157	18	29	141	26	385	-	289
All occupations laborers	35	4	4	-	113	80	5	-	14	34	58	-	40
Not specified laborers	-	24	13	-	43	98	16	59	-	-	56	-	24
Farm workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	13	46	483	28	106	223	1 035	633	100	16 346	1 758	19	684
Personal service workers	5	30	63	17	42	118	271	218	91	267	249	14	442
Guards and watchmen	8	9	364	4	15	16	114	5	-	134	71	-	34
Other service workers, including private household	-	-	45	4	45	28	132	21	9	15	10	-	116
Female employed	41	743	1 650	3 664	927	4 660	12 099	4 062	1 327	11 197	13 242	4 017	11 107
Accountants	4	14	27	178	32	125	242	57	35	171	328	73	277
Computer specialists	4	14	10	22	13	44	58	27	28	20	13	36	102
Life and physical scientists	-	-	-	5	-	10	-	-	-	-	6	-	6
Registered nurses, dietitians, and therapists	-	-	-	6	4	-	10	5	-	-	-	-	7
Social scientists	-	-	-	6	4	-	-	-	-	-	-	-	5
Writers, artists, and entertainers	-	-	4	51	6	27	52	-	7	112	111	9	40
Other professional, technical, and kindred workers	-	-	13	94	8	36	122	25	-	39	198	28	112
Managers and administrators, except farm	5	20	216	146	52	218	682	172	125	512	1 165	90	1 874
Self-employed	5	10	177	146	52	169	609	85	108	322	767	90	1 762
Self-employed	-	10	39	-	-	49	73	87	17	190	398	-	112
Self-employed	-	12	62	63	10	487	7 225	918	93	200	6 069	351	1 586
Sales workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Clerical and kindred workers	22	565	516	3 146	673	2 846	2 892	2 007	901	980	3 679	3 474	7 119
Bookkeepers	-	129	60	63	89	591	312	247	414	200	554	176	818
Cashiers	5	11	6	75	15	29	831	1 378	61	583	760	16	130
Counter clerks, except food	-	6	3	51	10	147	69	45	-	38	90	-	90
File clerks	4	23	3	66	7	67	43	10	28	21	82	316	337
Office machine operators	4	35	5	58	26	189	88	29	17	86	156	156	209
Bookkeeping and billing machine operators	-	-	5	6	6	45	5	12	10	7	30	58	78
Receptionists	-	9	13	12	10	67	63	101	18	65	490	1 185	1 938
Secretaries	-	99	98	144	86	923	220	101	175	65	24	98	313
Stenographers	-	16	33	15	17	222	9	6	40	5	117	543	339
Typists	-	52	33	141	15	607	1 168	170	148	41	1 197	966	3 391
Other clerical and kindred workers	9	185	304	2 521	341	607	203	97	38	20	375	18	24
Foremen, n.e.c.	-	7	4	101	43	83	78	5	-	8	51	8	10
Operatives, except transport	-	10	28	5	6	725	137	371	84	10	370	6	8
Assemblers	-	-	15	-	-	47	-	-	-	-	49	-	-
Checkers, examiners, and inspectors, manufacturing	-	-	-	-	-	-	65	24	-	-	45	-	-
Packers and wrappers, except meat and produce	-	5	5	5	6	165	72	347	84	6	276	6	8
Other operatives, except transport	-	-	13	5	6	513	46	11	31	19	36	-	12
Transport equipment operatives	5	82	381	-	76	45	46	11	10	10	163	-	6
Labors, except farm	-	20	14	-	15	105	48	201	10	10	163	-	6
Farm workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	5	5	382	25	20	26	624	228	10	9 275	1 057	5	201
Personal service workers	5	-	15	4	4	16	64	5	10	47	47	5	173
Other service workers, including private household	5	-	350	17	16	10	82	223	-	33	71	-	50
Other service workers, including private household	-	-	17	4	4	10	478	223	-	9 196	939	-	38

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	ANAHEIM—SANTA ANA—GARDEN GROVE SMSA											
	Business services	Repair services	Hotels and lodging places	Other personal services, including private household	Entertain- ment and recreation services	Hospitals	Health services, except hospitals	Educational services, government	Educational services, private	Welfare, religious, and nonprofit membership organiza- tions	Other professional and related services	Public adminis- tration
Total employed	13 200	8 984	4 090	15 147	9 380	14 466	11 540	34 794	7 570	6 054	14 606	24 116
Accountants.....	2 768	290	161	544	1 885	6 963	4 870	22 064	4 945	2 676	8 324	4 210
Architects.....	296	15	52	29	71	55	21	67	7	40	1 378	30
Computer specialists.....	—	—	4	—	—	19	—	8	—	—	368	106
Engineers.....	468	11	4	—	18	18	24	97	10	9	1 63	677
Chemical.....	328	25	4	5	—	—	—	21	15	14	1 089	15
Civil.....	4	—	—	—	—	—	—	—	—	5	386	—
Electrical and electronic.....	5	5	4	—	4	12	5	6	10	4	177	269
Industrial.....	65	—	—	—	—	—	—	11	—	—	117	178
Mechanical.....	71	—	—	—	—	—	—	—	—	—	51	178
Other engineers.....	33	—	—	5	—	—	—	4	—	—	132	15
Life and physical scientists.....	150	20	—	—	14	6	19	—	5	—	328	98
Mathematical specialists.....	11	—	—	7	—	5	—	10	—	—	5	17
Life and physical scientists.....	68	—	—	6	6	31	52	25	5	—	103	115
Chemists.....	58	—	—	6	—	6	—	5	—	—	38	33
Personnel and labor relations workers.....	469	—	5	25	63	54	23	56	4	41	49	145
Social scientists.....	123	—	—	—	18	63	18	173	—	—	71	436
Engineering and science technicians.....	291	44	—	6	50	6	17	149	15	—	72	153
Draftsmen.....	122	—	—	—	12	—	—	—	5	—	526	108
Electrical and electronic engineering technicians.....	35	34	—	—	33	—	—	33	—	—	17	8
Industrial and mechanical engineering technicians.....	19	5	—	—	7	—	—	5	—	—	409	—
Mechanics, except health, and engineering and science writers, artists, and entertainers.....	496	24	68	276	1 050	10	9	33	13	245	97	87
Other professional, technical, and kindred workers.....	199	166	28	144	620	6 002	4 684	21 330	4 798	2 314	3 397	1 302
Managers and administrators, except farm buyers, purchasing agents, and sales managers.....	1 583	794	727	843	694	405	385	1 939	492	657	622	2 629
Other managers and administrators.....	180	23	12	32	16	21	4	64	30	5	8	133
Salaried.....	403	771	715	791	626	384	371	1 875	462	652	614	2 496
Self-employed.....	998	419	453	419	528	379	247	1 875	372	652	540	2 496
Stock clerks and bookkeepers.....	405	272	262	118	118	74	—	—	90	—	74	—
Sales workers.....	856	234	19	228	612	32	23	33	38	109	145	65
Clerical and kindred workers.....	3 776	1 116	609	1 381	1 213	2 160	2 581	5 405	1 091	1 636	3 806	8 444
Bookkeepers.....	323	220	120	180	138	117	289	234	62	156	598	359
Cashiers.....	29	78	53	71	64	464	17	85	13	71	13	71
Estimators and investigators, n.e.c.....	281	57	16	16	19	15	5	18	16	16	17	171
Office machine operators.....	445	11	—	—	35	30	19	30	17	17	22	22
Shipping and receiving clerks.....	22	11	—	12	19	17	—	12	11	—	177	234
Stock clerks and bookkeepers.....	55	7	—	15	25	5	5	12	11	—	12	38
Other clerical and kindred workers.....	2 621	732	436	1 078	543	1 834	2 263	4 859	937	1 413	2 984	7 405
Craftsmen and kindred workers.....	1 120	4 582	131	391	790	254	313	775	91	198	228	1 347
Blacksmiths, forgers, hammermen, and boilermakers.....	4	—	—	—	—	—	—	—	—	6	—	16
Brickmasons and stonemasons.....	—	—	—	—	—	—	—	—	—	—	—	—
Carpenters.....	23	12	21	9	34	29	—	89	15	74	6	89
Cranemen, derrickmen, and hoistmen.....	42	14	17	5	33	12	—	30	5	—	4	70
Electricians.....	18	23	17	—	—	—	—	—	—	—	—	67
Excavating, grading, and road machine operators.....	122	12	—	—	—	—	—	—	—	—	—	33
Foremen, n.e.c.....	147	141	23	50	117	20	—	13	17	26	77	146
Mechanics and repairmen.....	326	3 556	9	98	213	66	14	220	27	—	25	563
Automobile, including body.....	26	1 990	—	10	23	4	—	45	5	—	—	128
Mechanists, job setters, and toolmakers.....	35	43	—	5	27	—	—	—	—	—	—	26
Metal craftsmen, except mechanics and machinists.....	39	13	25	6	99	39	—	5	—	7	6	14
Painters, construction and maintenance, and plasterers and paperhangers.....	31	41	—	—	25	11	—	75	9	16	76	76
Plumbers and pipe fitters.....	30	—	—	15	6	—	—	35	10	12	—	40
Printing craftsmen.....	—	—	20	—	—	—	—	—	4	—	—	7
Stationary engineers and power station operators.....	3	699	16	162	15	44	—	31	—	—	—	—
Other craftsmen and kindred workers.....	298	—	—	—	221	33	299	153	4	44	100	215
Operatives, except transport.....	439	639	7	1 623	195	152	74	97	40	91	223	211
Assemblers.....	27	18	—	14	—	—	11	3	10	16	40	18
Checkers, examiners, and inspectors; manufacturing.....	—	9	—	—	—	—	—	—	—	—	—	—
Filers, polishers, sanders, and buffers.....	8	—	—	—	—	—	—	—	—	—	—	—
Painters, manufactured articles.....	43	112	—	—	—	—	—	—	—	—	—	—
Precision machine operatives.....	10	176	—	11	5	—	—	22	4	—	7	27
Welders and fitters.....	201	167	7	1 572	120	147	54	9	10	10	116	116
Other specified operatives.....	67	33	—	4	4	—	—	—	—	—	13	13
Machine operatives, miscellaneous specified.....	24	10	—	13	—	—	—	—	—	—	11	4
Machine operatives, not specified.....	89	51	—	4	50	—	—	—	—	—	25	33
Miscellaneous operatives.....	13	20	—	—	—	5	—	6	—	28	5	—

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.)

	Business services	Repair services	Hotels and lodging places	Other personal services, including household	Entertain-ment 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 Standard Metropolitan Statistical Areas of 250,000 or More												
ANAHEIM-SANTA ANA-GARDEN GROVE SMSA—Continued												
Total employed—Continued												
Transport equipment operatives.....	238	348	4	284	166	23	50	59	6	20	75	149
Deliverymen and roustabouts.....	148	91	—	228	9	—	46	17	—	—	21	91
Truck drivers.....	14	109	4	76	36	5	13	13	6	14	10	37
Other transport equipment operatives.....	336	148	95	486	121	73	34	428	73	101	80	601
Laborers, except farm.....	31	32	74	37	83	24	36	36	68	26	5	129
Freight, stock, and material handlers.....	43	501	10	374	346	35	34	373	68	51	64	435
Other specified laborers.....	179	6	11	7	6	7	—	4	5	15	11	31
Miscellaneous laborers.....	83	19	—	68	21	—	—	15	—	—	—	—
Not specified laborers.....	—	—	—	—	—	—	—	—	—	—	—	—
Farm workers.....	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household.....	2 084	423	2 337	9 367	3 369	5 104	3 270	3 994	794	566	1 102	6 440
Personal service workers.....	1 955	119	1 125	1 172	490	661	1 891	1 891	250	289	43	538
Guards and watchmen.....	53	49	615	4 658	1 236	69	62	1 085	343	102	26	125
Other service workers, including private household.....	141	18	41	19	76	10	10	27	201	18	—	252
Other service workers, including private household.....	—	237	556	4 518	1 567	4 348	2 999	991	—	157	1 034	5 503
Female employed.....	5 149	1 340	2 487	10 619	3 606	11 578	7 802	20 441	5 103	3 095	6 493	6 401
Professional, technical, and kindred workers.....	740	68	57	232	681	5 037	1 868	12 994	3 414	1 099	1 986	925
Accountants.....	121	5	14	5	10	27	—	15	—	26	6	190
Computer specialists.....	46	—	—	—	—	15	30	—	—	5	18	29
Life and physical scientists.....	41	—	12	70	15	30	1 052	242	52	5	10	48
Registered nurses, dietitians, and therapists.....	153	—	16	76	310	30	12	78	13	141	342	13
Social scientists.....	153	20	16	76	310	30	12	78	28	141	342	8
Writers, artists, and entertainers.....	362	43	15	76	346	981	769	12 555	3 320	922	1 337	637
Other professional, technical, and kindred workers.....	217	54	279	225	110	143	218	430	179	151	173	322
Managers and administrators, except farm.....	154	26	157	118	75	143	181	430	125	158	158	322
Salaried.....	63	28	122	107	35	—	37	—	54	—	15	—
Self-employed.....	242	73	9	147	423	27	23	24	17	64	64	28
Sales workers.....	3 124	832	431	1 262	912	2 054	2 527	4 917	949	1 483	3 433	4 581
Clerical and kindred workers.....	281	185	76	165	99	107	285	208	62	144	497	305
Bookkeepers.....	24	51	48	71	307	64	85	12	12	17	13	71
Counter clerks, except food.....	91	41	84	545	40	40	8	—	—	5	4	5
File clerks.....	309	8	—	9	19	63	40	131	6	46	64	103
Office machine operators.....	8	11	—	4	—	31	19	103	20	7	107	171
Bookkeeping and billing machine operators.....	108	54	5	159	37	16	5	3	—	—	6	5
Receptionists.....	837	157	93	98	190	310	834	75	36	102	92	79
Secretaries.....	17	—	—	—	—	559	958	1 603	441	804	1 603	723
Stenographers.....	421	40	13	39	—	21	14	4	18	18	10	10
Typists.....	1 027	285	112	172	55	241	694	127	127	203	132	870
Other clerical and kindred workers.....	99	87	6	39	165	658	243	1 918	245	137	891	2 041
Craftsmen and kindred workers.....	21	—	—	6	18	16	99	121	4	6	8	29
Foremen, n.e.c.....	191	81	—	1 123	88	87	55	26	15	24	75	32
Operatives, except transport.....	23	4	—	14	—	—	11	—	10	9	24	8
Assemblers.....	40	—	—	20	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing.....	128	73	—	1 089	84	87	6	26	5	5	4	2
Packers and trimmers, except meat and produce.....	29	4	—	18	14	—	33	18	—	—	5	—
Other operatives, except transport.....	32	27	6	53	4	18	—	13	10	15	11	30
Transport equipment operatives.....	—	—	—	—	—	—	—	—	—	—	—	—
Laborers, except farm.....	—	—	—	—	—	—	—	—	—	—	—	—
Farm workers.....	475	114	1 649	7 520	1 356	4 196	2 979	1 898	515	233	738	454
Service workers, including private household.....	374	22	869	3 193	53	356	106	41	34	90	59	59
Personal service workers.....	43	24	483	1 933	412	49	58	936	317	80	22	39
Other service workers, including private household.....	58	68	297	4 263	891	3 791	2 815	901	164	80	712	356

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 and over	Agriculture, forestry, and fisheries	Mining	Construc- tion	Manufacturing					Total	Machinery, except electrical	Electrical machinery, equipment, and supplies
					Durable goods							
					Furniture, lumber, and wood products	Stone, clay, and glass products	Primary ferrous industries	Primary nonferrous industries	Fabricated metal industries, including not specified metal			
BAKERSFIELD SMSA												
Total employed	109 539	13 426	7 139	7 121	8 352	233	996	425	65	339	660	235
Professionals, technical, and kindred workers	15 237	298	924	232	526	—	41	7	—	10	37	14
Accountants	750	50	75	11	40	—	6	7	—	5	—	—
Architects	33	—	3	—	—	—	—	—	—	—	—	—
Computer specialists	197	—	16	—	116	—	11	—	—	5	6	—
Engineers	1 648	18	312	92	1 116	—	—	—	—	—	27	14
Chemical	67	—	18	—	16	—	—	—	—	—	—	—
Civil	235	—	16	79	111	—	6	—	—	5	—	14
Electrical and electronic	300	—	37	—	22	—	—	—	—	—	—	—
Industrial	167	18	30	8	14	—	5	—	—	—	16	—
Mechanical	259	—	20	5	20	—	—	—	—	—	11	—
Other engineers	647	—	225	5	41	—	—	—	—	—	—	—
Mathematical specialists	56	—	5	—	—	—	—	—	—	—	—	—
Life and physical scientists	13	13	189	—	55	—	—	—	—	—	—	—
Chemists	620	5	40	15	21	—	6	—	—	—	—	—
Personnel and labor relations workers	421	7	32	89	106	—	—	—	—	—	—	—
Social scientists	52	—	5	—	—	—	—	—	—	—	—	—
Engineering and science technicians	1 347	23	210	23	1 066	—	14	—	—	—	—	—
Electricians	246	18	44	29	13	—	—	—	—	—	—	—
Electrical and electronic engineering technicians	394	—	15	5	—	—	—	—	—	—	—	—
Industrial and mechanical engineering technicians	5	—	—	—	—	—	—	—	—	—	—	—
Technicians, except repair, and engineering and science	325	72	20	—	15	—	—	—	—	—	—	—
Writers, artists, and photographers	813	20	13	12	100	—	—	—	—	—	—	—
Other professional, technical, and kindred workers	8 969	95	51	12	57	—	4	—	—	—	—	—
Managers and administrators, except farm	9 387	117	395	799	585	18	29	16	—	23	96	22
Buyers, purchasing agents, and sales managers	743	15	52	6	46	—	—	5	—	—	11	3
Other managers and administrators	8 644	102	343	790	577	13	29	11	—	23	85	19
Salaried	6 070	62	274	324	429	9	16	11	—	12	65	14
Self-employed	2 574	40	69	466	88	4	18	5	—	11	20	5
Sales workers	7 844	47	22	49	448	—	7	11	—	17	19	9
Clerical and kindred workers	16 510	420	667	367	710	21	61	9	—	34	47	40
Bookkeepers	2 707	182	142	112	146	4	6	—	—	8	19	11
Cashiers	1 068	—	—	3	—	—	—	—	—	—	—	—
Estimators and investigators, n.e.c.	327	19	13	37	22	6	5	—	—	5	—	—
Office machine operators	436	—	26	—	14	—	—	—	—	—	—	—
Shipping and receiving clerks	217	—	27	—	16	—	—	—	—	—	—	—
Stock clerks and storekeepers	34 407	25	25	12	34	—	—	5	—	5	5	—
Other clerical and kindred workers	11 348	219	434	184	478	11	45	4	—	13	23	29
Craftsmen and kindred workers	15 575	439	1 987	3 606	2 312	85	321	139	18	93	236	72
Blacksmiths, farriers, hammermen, and boilermakers	56	6	9	—	10	—	—	—	—	10	—	—
Brickmasons and stonemasons	68	—	4	57	—	—	—	—	—	—	—	—
Carpenters	822	11	15	612	4	10	3	—	—	3	—	—
Cronemen, derrickmen, and hoistmen	277	—	73	26	26	—	—	9	—	—	—	—
Electricians	688	4	139	66	93	—	44	6	—	—	—	—
Excavating, grading, and road machine operators	853	40	127	577	118	—	31	—	—	—	—	—
Foremen, n.e.c.	2 599	113	406	205	8	—	8	—	—	—	—	—
Mechanics and repairmen	4 292	200	476	218	546	21	67	32	5	22	40	15
Automobile, including body	1 463	19	67	58	569	6	143	15	—	7	89	28
Machinists, job setters, and toolmakers	407	—	19	31	156	—	—	8	73	14	97	—
Metal craftsmen, except mechanics and machinists	300	6	—	80	92	—	—	65	—	17	5	—
Painters, construction and maintenance, and plasterers and paperhangers	550	13	7	373	22	—	5	4	—	6	—	—
Plumbers and pipe fitters	465	4	28	236	31	—	3	—	—	—	—	—
Printing craftsmen	270	—	—	—	220	—	—	—	—	—	—	—
Stationary engineers and power station operators	655	6	332	18	60	—	3	—	—	—	—	—
Other craftsmen and kindred workers	3 270	36	144	757	357	48	3	—	—	17	5	24
Operatives, except transport	9 317	253	2 577	517	2 569	59	336	172	36	128	195	73
Assemblers	233	—	—	—	177	5	—	—	—	6	22	29
Checkers, examiners, and inspectors; manufacturing	146	—	—	—	146	—	11	8	6	—	—	11
Filers, polishers, sanders, and buffers	51	—	—	—	43	—	—	—	—	15	4	—
Painters, manufactured articles	60	—	5	—	17	—	—	—	—	—	6	5
Precision machine operatives	103	—	14	—	65	—	16	29	—	—	15	—
Welders and flamecutters	995	60	178	186	313	4	34	41	—	58	82	7
Metal specified operatives	6 115	79	2 380	253	891	30	102	44	19	11	16	9
Machine operatives, miscellaneous specified	652	61	—	46	433	5	89	11	5	10	16	5
Machine operatives, not specified	277	18	—	4	170	10	16	17	—	12	18	6
Miscellaneous operatives	563	28	—	28	221	10	36	4	—	10	27	6
Not specified operatives	142	7	—	—	93	—	32	18	6	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

BAKERSFIELD SMSA - Continued

Total employed - Continued

Deliverymen and rouletmen	168	296	192	503	12	99	23	8	13	
Truck drivers	35	10	5	160	6	81	9	4	6	
Other transport equipment operatives	94	245	32	244	6	18	14	4	7	
Laborers, except farm	370	173	1 255	490	38	86	43	10	6	5
Freight, stock and material handlers	12	63	43	166	13	45	11	4	4	5
Other specified laborers	337	83	1 212	162	25	24	14	6	6	5
Miscellaneous laborers	10	4	—	41	—	—	8	—	—	—
Not specified laborers	462	23	—	121	—	17	10	—	—	—
Farm workers	11 191	—	—	—	—	—	—	—	—	—
Service workers, including private household	123	98	104	209	—	16	5	16	11	—
Personal service workers	2 770	78	76	156	—	16	5	16	6	—
Guards and watchmen	1 661	5	—	—	—	—	—	—	5	—
Other service workers, including private household	10 232	5	13	26	—	—	—	—	—	—
Female employed	37 548	521	359	1 256	39	47	9	50	50	45
Professional, technical, and kindred workers	6 306	37	10	86	—	—	—	—	—	—
Accountants	301	11	6	5	—	—	—	—	—	—
Computer specialists	—	—	—	—	—	—	—	—	—	—
Life and physical scientists	43	18	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	1 077	6	—	—	—	—	—	—	—	—
Social scientists	5	—	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	300	—	—	49	—	—	—	—	—	—
Other professional, technical, and kindred workers	4 599	10	4	32	—	—	—	—	—	—
Managers and administrators, except farm	1 927	9	27	80	—	13	—	—	9	—
Salaried	1 446	9	15	75	—	13	—	—	4	—
Self-employed	481	16	12	5	—	—	—	—	5	—
Sales workers	3 348	18	5	47	—	—	—	—	—	—
Clerical and kindred workers	12 865	334	237	463	15	27	4	17	37	40
Bookkeepers	2 806	135	92	114	4	6	—	8	14	11
Cashiers	141	68	3	18	—	—	—	—	—	—
Counter clerks, except food	280	—	5	14	—	—	—	—	—	—
File clerks	318	17	—	—	—	—	—	—	—	—
Office machine operators	79	—	—	—	—	—	—	—	—	—
Bookkeeping and billing machine operators	451	16	6	—	—	—	—	—	—	—
Receptionists	2 538	82	51	117	11	17	—	—	5	14
Secretaries	1 198	96	14	35	—	—	—	—	—	15
Stenographers	1 069	7	10	—	—	—	—	—	—	—
Typists	4 773	64	70	143	—	4	4	5	11	—
Other clerical and kindred workers	521	30	51	71	9	7	—	5	4	—
Foremen, n.e.c.	98	10	—	14	5	—	—	—	—	—
Craftsmen and kindred workers	1 421	41	10	476	15	—	—	18	—	5
Operatives, except transport	53	—	—	44	—	—	—	—	—	—
Assemblers	4	—	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	127	12	—	57	—	—	—	—	—	—
Packers and wrappers, except meat and produce	1 197	29	10	340	15	—	—	18	—	—
Other operatives, except transport	168	5	—	5	—	—	—	—	—	—
Transport equipment operatives	318	54	5	18	—	—	5	—	—	—
Laborers, except farm	1 708	1 708	—	—	—	—	—	—	—	—
Farm workers	8 866	26	14	10	—	—	—	5	—	—
Service workers, including private household	686	4	23	5	—	—	—	—	—	—
Personal service workers	1 211	6	5	—	—	—	—	—	—	—
Other service workers, including private household	6 969	16	3	—	—	—	—	—	—	—

	Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing							
					Durable goods							Electrical machinery, equipment, and supplies
					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		
Total	503	12	99	23	8	13	—	—	—	—		
Total	1 256	39	47	9	50	45	—	—	—	—		
Total	86	—	—	—	—	—	—	—	—	—		
Total	5	—	—	—	—	—	—	—	—	—		
Total	18	—	—	—	—	—	—	—	—	—		
Total	14	—	—	—	—	—	—	—	—	—		
Total	117	11	17	—	—	—	—	—	—	—		
Total	35	—	—	—	—	—	—	—	—	—		
Total	143	—	4	4	—	—	—	—	—	—		
Total	71	9	7	—	—	—	—	—	—	—		
Total	14	5	—	—	—	—	—	—	—	—		
Total	476	15	10	—	—	—	—	—	—	—		
Total	44	—	—	—	—	—	—	—	—	—		
Total	57	—	—	—	—	—	—	—	—	—		
Total	340	15	10	—	—	—	—	—	—	—		
Total	5	—	—	—	—	—	—	—	—	—		
Total	18	—	5	—	—	—	—	—	—	—		
Total	10	—	—	—	—	—	—	—	—	—		
Total	5	—	—	—	—	—	—	—	—	—		
Total	26	4	23	—	—	—	—	—	—	—		
Total	686	6	5	—	—	—	—	—	—	—		
Total	1 211	6	5	—	—	—	—	—	—	—		
Total	6 969	16	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.]

	Durable goods—Continued						Manufacturing—Continued							
	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 miscel. plastic products	Other nondurable goods, incl. not specified manufacturing
BAKERSFIELD SMSA														
Total employed	46	239	159	25	463		1 213	69	224	46	721	620	201	1 373
Accountants	—	—	—	—	15	—	51	4	5	—	—	38	5	150
Architects	—	—	—	—	—	—	8	—	—	—	—	—	—	9
Computer specialists	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Engineers	—	—	—	—	—	—	—	—	—	—	—	—	—	10
Chemical	—	25	—	—	—	—	4	—	—	—	—	—	5	25
Civil	—	—	—	—	—	—	—	—	—	—	—	—	—	8
Electrical and electronic	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mechanical	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other engineers	—	17	—	—	—	—	—	—	—	—	—	—	—	—
Mathematical specialists	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chemists	—	—	—	—	—	—	12	—	—	—	—	19	—	24
Personnel and labor relations workers	—	—	—	—	—	—	7	—	—	—	—	13	—	5
Social scientists	—	—	—	—	—	—	—	—	—	—	—	6	—	—
Engineering and science technicians	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Draftsmen	—	4	—	5	—	—	17	4	—	—	4	13	—	45
Electrical and electronic engineering technicians	—	—	—	—	—	—	—	—	—	—	4	—	—	9
Industrial and mechanical engineering technicians	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Technicians, except health, and engineering and science	—	15	—	—	—	—	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	—	—	—	—	—	—	6	—	—	—	83	—	—	—
Other professional, technical, and kindred workers	—	—	—	—	15	—	4	—	—	—	6	—	—	32
Managers and administrators, except farm	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Buyers, purchasing agents, and sales managers	15	5	6	—	38	—	71	5	4	4	62	82	5	84
Other managers and administrators	—	—	—	—	—	—	12	—	—	—	6	16	5	5
Soldiers	15	5	6	—	38	—	59	5	4	4	56	79	—	74
Self-employed	10	—	—	—	—	—	59	5	—	4	39	61	—	5
Sales workers	—	6	—	—	—	—	73	—	—	—	17	5	—	—
Clerical and kindred workers	5	27	12	—	37	—	117	12	5	6	101	60	4	54
Bookkeepers	5	—	—	—	—	—	40	—	—	6	19	7	—	116
Cashiers	—	—	—	—	—	—	—	—	—	—	—	—	—	21
Estimators and investigators, n.e.c.	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Office machine operators	—	—	—	—	—	—	9	—	—	—	—	—	—	6
Shipping and receiving clerks	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Stock clerks and stockkeepers	—	—	4	—	—	—	11	—	—	—	—	—	—	—
Other clerical and kindred workers	—	27	8	—	37	—	57	12	5	—	82	36	—	89
Craftsmen and kindred workers	—	73	78	6	126	—	192	5	16	5	256	187	44	360
Blacksmiths, forgemen, hammermen, and boilermakers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Brickmasons and stonemasons	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Carpenters	—	—	13	—	—	—	—	—	—	—	—	—	—	—
Granemen, derrickmen, and hoistmen	—	5	—	—	—	—	4	—	—	—	—	21	—	16
Electricians	—	—	5	—	—	—	—	—	—	—	—	26	9	30
Excavating, grading, and road machine operators	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Foremen, n.e.c.	10	23	—	—	—	—	71	—	5	5	18	65	16	121
Mechanics and repairmen	—	53	11	6	9	—	46	5	—	—	16	50	10	75
Automobile, including body	—	5	6	—	—	—	6	5	—	—	—	6	—	4
Machinists, job setters, and toolmakers	—	—	—	—	—	—	6	—	—	—	4	—	5	9
Metal craftsmen, except mechanics and machinists	—	5	—	—	—	—	—	—	—	—	—	—	—	—
Painters, construction and maintenance, and plasterers and paperhangers	—	—	—	—	—	—	7	—	—	—	—	—	—	—
Plumbers and pipe fitters	—	—	5	—	—	—	—	—	—	—	—	—	—	—
Stationary engineers and power station operators	—	—	—	—	—	—	12	—	—	—	210	6	—	17
Other craftsmen and kindred workers	—	—	21	—	107	—	46	—	11	—	8	5	—	40
Operatives, except transport	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Assemblers	24	70	45	14	69	—	369	26	190	14	31	144	128	444
Checkers, examiners, and inspectors; manufacturing	12	52	16	10	—	—	10	—	5	5	6	—	—	4
Filers, polishers, sanders, and buffers	—	6	—	4	—	—	6	—	20	5	—	11	13	45
Painters, manufactured articles	—	—	—	—	6	—	13	—	—	—	—	—	—	—
Precision machine operatives	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Welders and flamecutters	14	—	11	—	5	—	10	—	—	—	—	—	—	—
Other specified operatives	—	7	9	—	58	—	156	26	142	4	4	22	—	25
Machine operatives, miscellaneous specified	—	—	—	—	—	—	109	—	14	4	17	22	45	191
Machine operatives, not specified	—	—	—	—	—	—	19	—	—	—	—	—	—	112
Miscellaneous operatives	—	—	9	—	—	—	24	—	9	5	4	24	39	13
Not specified operatives	—	5	—	—	—	—	11	—	—	—	—	—	5	48
	—	—	—	—	—	—	—	—	—	—	—	—	—	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

BAKERSFIELD SMSA—Continued

Total employed—Continued

	Durable goods—Continued			Manufacturing—Continued									
	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
Deliverymen and routemen	—	—	11	—	36	173	—	—	6	22	19	4	77
Truck drivers	—	—	11	—	5	91	—	—	—	22	12	—	7
Other transport equipment operators	—	—	—	—	31	72	—	—	6	—	7	—	54
Labors, except farm	—	—	—	—	70	117	17	—	11	9	18	7	47
Freight, stock, and material handlers	—	—	—	—	—	68	—	—	4	5	3	—	6
Other specified laborers	—	—	—	—	70	5	—	—	—	—	—	—	18
Miscellaneous laborers	—	—	—	—	—	5	6	—	—	4	5	—	7
Not specified laborers	—	—	—	—	—	44	11	—	7	—	10	—	16
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	—	—	—	—	—	—	—	—	—	—	—	—	—
Cleaning service workers	—	—	—	—	18	50	—	—	—	10	15	4	41
Personal service workers	—	—	—	—	18	32	—	—	—	10	11	4	24
Guards and watchmen	—	—	—	—	—	9	—	—	—	—	4	—	—
Other service workers, including private household	—	—	—	—	—	9	—	—	—	—	—	—	17
Female employed	5	33	35	14	62	159	27	184	11	205	56	62	163
Professionals, technical, and kindred workers	—	—	7	—	—	17	—	—	—	42	—	—	15
Accountants	—	—	—	—	—	—	—	—	—	—	—	—	—
Computer specialists	—	—	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists	—	—	—	—	—	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	—	—	—	—	—	—	—	—	—	—	—	—	—
Social scientists	—	—	—	—	—	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	—	—	7	—	—	6	—	—	—	36	—	—	—
Other professional, technical, and kindred workers	—	—	—	—	—	11	—	—	—	6	—	—	15
Managers and administrators, except farm	—	—	6	—	5	—	—	—	—	29	9	—	5
Salaried	—	—	6	—	5	—	—	—	—	29	9	—	5
Self-employed	—	—	—	—	—	—	—	—	—	—	—	—	—
Sales workers	—	—	—	—	—	10	—	—	—	25	4	4	4
Clerical and kindred workers	5	21	8	—	28	77	6	5	6	85	33	—	49
Bookkeepers	5	—	—	—	—	31	—	—	6	19	—	—	10
Cashiers	—	—	—	—	—	—	—	—	—	—	—	—	—
Counter clerks, except food	—	—	5	—	—	—	—	—	—	8	5	—	5
File clerks	—	—	—	—	—	—	—	—	—	—	—	—	—
Office machine operators	—	—	—	—	—	9	—	—	—	—	—	—	—
Bookkeeping and billing machine operators	—	—	—	—	—	—	—	—	—	—	—	—	—
Receptionists	—	—	—	—	—	—	—	—	—	—	—	—	—
Secretaries	—	11	8	—	6	8	3	—	—	12	17	—	5
Stenographers	—	—	—	—	—	4	—	—	—	5	—	—	9
Typists	—	—	—	—	—	4	—	—	—	—	—	—	5
Other clerical and kindred workers	—	5	—	—	17	25	3	5	—	41	6	—	15
Craftsmen and kindred workers	—	—	—	—	5	5	—	16	—	20	—	—	—
Foremen, n.e.c.	—	—	—	—	—	—	—	5	—	4	—	—	—
Operatives, except transport	—	12	14	14	24	45	15	159	5	4	10	58	78
Assemblers	—	5	10	10	—	5	—	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	—	—	—	4	—	6	—	20	5	—	—	—	—
Packers and wrappers, except meat and produce	—	7	—	—	—	—	—	—	—	—	10	40	—
Other operatives, except transport	—	—	4	—	24	34	15	139	—	4	—	9	78
Transport equipment operatives	—	—	—	—	—	—	—	—	—	—	—	—	5
Labors, except farm	—	—	—	—	—	—	6	—	—	—	—	—	7
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	—	—	—	—	—	—	—	—	—	—	—	—	—
Cleaning service workers	—	—	—	—	—	5	—	—	—	—	—	—	—
Personal service workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Other service workers, including private household	—	—	—	—	—	—	—	—	—	—	—	—	—

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.)

	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communications	Utilities and sanitary services	Wholesale trade	Retail trade					Insurance	Finance and real estate
							General merchandise retailing	Food stores	Automotive dealers and gasoline stations	Eating and drinking places	Other retail trade		
BAKERSFIELD SMSA													
Total employed	1 452	1 535	718	1 915	1 995	4 031	3 008	2 441	3 591	4 562	6 105	1 126	3 084
Professional, technical, and kindred workers	20	4	33	261	166	141	63	14	40	50	154	16	144
Accountants	—	—	—	30	11	14	13	5	9	4	9	4	73
Architects	—	—	—	11	—	—	—	—	—	—	—	—	5
Computer specialists	—	—	—	33	55	24	—	—	5	—	6	—	9
Engineers	—	—	9	—	—	—	—	—	—	—	—	—	—
Chemical	—	—	—	5	18	—	—	—	—	—	—	—	—
Civil	—	—	—	23	22	—	—	—	—	—	—	—	—
Electrical and electronic	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial	—	—	5	—	—	—	—	—	—	—	—	—	—
Mechanical	—	—	5	—	—	—	—	—	—	—	—	—	—
Other engineers	—	—	4	5	15	24	—	—	5	—	6	—	9
Mathematical specialists	—	—	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists	—	—	—	—	—	—	—	—	—	—	—	—	—
Chemists	—	—	—	—	—	—	—	—	—	—	—	—	—
Personnel and labor relations workers	—	—	—	39	5	21	7	9	—	5	6	—	14
Social scientists	—	—	—	35	61	10	5	—	11	—	—	—	16
Engineering and science technicians	14	—	—	17	17	4	—	—	6	—	—	—	5
Electronics and electronic engineering technicians	4	—	—	29	11	4	5	—	—	—	—	—	—
Industrial and mechanical engineering technicians	—	—	—	14	—	—	—	—	—	—	—	—	—
Technicians, except health, and engineering and science	—	—	19	93	5	11	25	—	6	—	—	—	—
Writers, artists, and entertainers	—	—	5	6	29	31	13	—	5	41	—	7	14
Other professional, technical, and kindred workers	6	—	—	3	—	—	—	—	—	—	—	—	—
Managers and administrators, except farm	172	134	50	169	65	496	336	405	793	531	2 222	582	604
Buyers, purchasing agents, and sales managers	5	3	—	27	4	106	47	36	14	10	137	92	672
Other managers and administrators	167	131	50	142	61	390	204	389	736	521	854	78	663
Salaried	167	131	50	142	61	390	204	389	736	521	854	78	663
Self-employed	—	—	—	—	—	—	—	—	—	—	—	—	—
Sales workers	4	19	—	39	31	818	1 736	262	616	66	2 222	—	—
Clerical and kindred workers	212	124	121	953	340	560	483	623	338	225	889	431	1 306
Bookkeepers	4	29	34	55	41	162	69	65	164	51	285	35	219
Cashiers	—	—	—	21	11	7	101	468	23	158	112	10	20
Estimators and investigators, n.e.c.	—	—	—	5	4	—	43	—	6	—	—	—	5
Office machine operators	2	5	—	33	6	10	4	5	4	—	5	18	10
Shipping and receiving clerks	43	—	—	10	—	25	36	10	—	4	38	—	82
Stock clerks and storekeepers	150	84	87	829	273	314	220	26	11	4	40	—	—
Other clerical and kindred workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Craftsmen and kindred workers	533	165	72	480	784	647	126	63	560	25	666	15	980
Blacksmiths, farriers, hammermen, and boilermakers	—	—	—	—	—	—	—	—	—	—	—	—	—
Brickmasons and stonemasons	16	—	—	—	5	—	—	—	—	—	—	—	—
Carpenters	10	—	—	—	4	6	—	—	4	6	10	—	—
Electricians	16	—	—	—	9	8	—	—	—	—	—	—	—
Excavating, grading, and road machine operators	—	—	—	—	—	—	—	—	—	—	—	—	—
Metalcraftsmen, except mechanics and machinists	43	73	12	46	25	13	—	—	—	—	—	—	—
Mechanics and repairmen	104	78	54	239	133	205	34	14	63	—	64	5	38
Machinists, job setters, and toolmakers	6	69	15	51	7	239	446	403	403	—	258	—	38
Metalcraftsmen, except mechanics and machinists	17	—	—	—	4	4	—	—	—	—	—	—	—
Painters, construction and maintenance, and plasterers and paperhangers	15	—	—	—	9	10	5	—	11	—	8	—	—
Plumbers and pipe fitters	—	—	—	6	44	4	—	—	—	—	—	—	—
Printing craftsmen	—	—	—	—	—	—	—	—	—	—	—	—	—
Stationary engineers and power station operators	—	5	6	389	280	111	34	49	12	19	310	4	9
Other craftsmen and kindred workers	281	—	—	—	—	—	—	—	—	—	—	—	—
Operatives, except transport	55	16	30	452	131	452	43	325	1 061	22	195	—	26
Assemblers	—	—	—	—	7	—	—	—	6	—	20	—	—
Checkers, examiners, and inspectors; manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—
Filers, polishers, sanders, and buffers	—	—	—	—	—	—	—	—	—	—	—	—	—
Painters, manufactured articles	—	—	—	—	—	—	—	—	—	—	—	—	—
Precision machine operatives	—	—	—	—	—	—	—	—	—	—	—	—	—
Welders and flamecutters	11	7	13	48	27	48	34	295	1 021	10	128	—	8
Other specified operatives	—	—	—	—	58	293	—	12	—	—	—	—	—
Machine operatives, miscellaneous specified	40	—	—	—	8	6	4	14	6	—	4	—	—
Miscellaneous operatives, not specified	—	—	—	—	31	77	4	—	—	—	21	—	—
Not specified operatives	4	—	17	—	5	5	—	—	—	—	6	—	—

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

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

BAKERSFIELD SMSA - Continued

Total employed - Continued

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

	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communit- cations	Utilities and sanitary services	Wholesale trade	Retail trade					Finance and real estate
							General merchandise retailing	Food stores	Automotive dealers and gasoline stations	Eating and drinking places	Other retail trade	
Deliverymen and route men	318	1 002	360	5	234	520	9	94	99	33	355	5
Truck drivers	4	61	4	5	5	308	9	62	43	17	254	5
Other transport equipment operatives	34	930	356	183	60	183	—	32	47	11	51	—
	280	11	—	39	169	—	—	—	9	5	50	—
Labors, except farm	120	54	17	4	186	312	58	587	70	15	228	67
Freight, stock, and material handlers	14	29	—	—	74	162	50	547	17	11	116	—
Other specified laborers	32	11	—	—	74	71	8	8	48	—	69	63
Miscellaneous laborers	37	—	11	—	38	27	—	6	—	—	—	—
Not specified laborers	37	14	6	4	38	52	—	26	5	4	37	4
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	18	17	35	4	58	75	154	68	24	3 595	405	140
Cleaning service workers	—	12	—	—	46	38	43	31	13	85	49	77
Personal service workers	—	5	18	—	—	—	30	—	5	22	—	30
Guards and watchmen	7	—	—	—	—	9	14	6	—	6	—	6
Other service workers, including private household	11	—	12	—	12	28	67	31	6	3 482	345	27
Female employed	38	106	181	1 026	235	826	2 150	883	395	2 877	2 604	428
Professionals, technical, and kindred workers	—	—	—	69	24	10	37	5	9	6	26	3
Accountants	—	—	—	11	—	5	5	—	—	—	—	—
Computer specialists	—	—	—	6	—	—	—	—	—	—	—	—
Life and physical scientists	—	—	—	—	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	—	—	—	—	—	—	—	—	—	—	—	—
Social scientists	—	—	—	—	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	—	—	—	11	—	—	—	—	—	—	—	—
Other professional, technical, and kindred workers	—	—	—	41	24	—	16	—	—	6	17	—
Managers and administrators, except farm	—	—	—	—	—	—	—	—	—	—	—	—
Soloman	—	18	11	19	10	69	125	81	56	246	268	204
Self-employed	—	14	11	19	10	53	115	42	35	86	194	173
	—	4	—	—	—	16	10	39	21	160	74	31
Sales workers	—	—	—	9	4	55	1 396	164	36	34	1 195	188
Clerical and kindred workers	32	67	76	904	156	369	436	437	252	209	742	1 155
Bookkeepers	—	25	34	55	35	125	60	55	140	48	252	214
Cashiers	—	—	—	10	6	4	94	349	12	149	112	20
Counter clerks, except food	—	—	—	10	—	5	16	5	—	—	9	—
File clerks	—	6	—	4	—	17	16	—	—	—	14	—
Office machine operators	—	—	—	18	—	10	4	—	—	—	5	—
Bookkeeping and billing machine operators	—	—	—	—	—	—	—	—	—	—	—	—
Receptionists	—	—	—	—	—	—	—	—	—	—	—	—
Secretaries	8	19	12	14	25	81	12	11	38	—	12	4
Stenographers	7	4	25	36	4	—	—	—	—	—	65	200
Typists	6	17	5	33	20	6	16	—	10	—	15	15
Other clerical and kindred workers	9	—	—	700	65	117	213	12	41	12	258	553
Craftsman and kindred workers	6	—	4	25	17	21	25	4	4	3	42	19
Foremen, n.e.c.	—	—	—	4	5	5	5	4	—	—	—	19
Operatives, except transport	—	5	—	—	13	228	24	77	16	11	59	9
Assemblers	—	—	—	—	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	—	—	—	—	—	—	—	—	—	—	—	—
Packers and wrappers, except meat and produce	—	—	—	—	—	18	20	15	—	—	—	—
Other operatives, except transport	—	5	—	—	13	210	4	62	16	11	59	9
Transport equipment operatives	—	11	81	—	6	25	—	4	6	—	5	—
Labors, except farm	—	—	—	—	—	26	14	91	11	—	34	—
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	—	5	9	—	—	23	93	20	5	2 368	233	38
Cleaning service workers	—	5	—	—	5	10	5	5	—	35	5	8
Personal service workers	—	—	—	—	—	—	30	—	—	—	—	17
Other service workers, including private household	—	—	9	—	—	13	63	15	—	2 324	223	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

BAKERSFIELD SMSA—Continued

Total employed—Continued

Occupation	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
Deliverymen and rouletmen	46	60	—	68	—	—	10	21	—	12	4	88
Truck drivers	32	10	—	50	—	—	7	5	—	12	4	6
Other transport equipment operatives	14	36	—	10	—	—	3	6	—	12	—	63
	—	14	—	8	—	—	—	10	—	—	—	19
Laborers, except farm	37	159	50	147	103	6	16	81	20	31	20	230
Freight, stock, and material handlers	4	4	—	8	—	6	9	9	—	9	—	25
Other specified laborers	16	140	29	98	103	6	16	65	20	17	10	170
Miscellaneous laborers	5	6	—	15	—	—	—	—	—	—	—	7
Not specified laborers	12	9	21	26	—	—	—	7	—	5	10	28
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	312	88	683	2 715	244	1 286	531	1 480	303	205	225	1 861
Cleaning service workers	254	46	344	28	48	183	40	626	98	81	3	250
Personal service workers	5	6	101	946	61	—	11	210	100	53	—	32
Guards and watchmen	25	13	225	—	135	1 093	—	—	105	62	—	239
Other service workers, including private household	28	36	—	1 741	—	—	475	—	—	—	—	1 340
Female employed	527	232	786	2 975	293	2 311	1 531	5 344	870	877	1 436	2 555
Professional, technical, and kindred workers	83	6	15	37	56	763	380	2 980	478	353	317	372
Accountants	9	6	5	—	—	4	—	—	—	10	70	54
Computer specialists	4	—	—	—	—	—	—	—	—	—	—	26
Life and physical scientists	7	—	5	21	—	666	243	60	5	—	5	13
Registered nurses, dietitians, and therapists	—	—	—	—	—	—	—	—	—	—	—	11
Social scientists	6	—	5	11	10	5	13	5	—	13	—	61
Writers, artists, and entertainers	57	—	—	5	46	88	124	2 893	473	330	189	207
Other professional, technical, and kindred workers	18	10	117	56	16	38	33	153	14	34	15	144
Managers and administrators, except farm	18	5	37	34	16	73	28	153	9	34	9	144
Self-employed	—	5	44	19	—	4	5	—	5	—	6	—
Sales workers	35	14	—	21	16	—	5	18	4	14	17	5
Clerical and kindred workers	307	129	106	165	96	435	597	1 278	141	338	913	1 919
Bookkeepers	30	61	23	28	20	119	18	53	177	29	201	11
Cashiers	—	2	4	16	34	15	—	25	5	4	—	—
Counter clerks, except food	5	10	32	31	9	—	—	—	—	—	—	—
File clerks	11	—	—	—	—	—	21	20	5	22	9	41
Office machine operators	26	—	—	—	—	13	5	5	—	—	51	75
Bookkeeping and billing machine operators	33	—	—	21	—	51	5	—	—	16	9	10
Receptionists	52	22	10	23	16	163	148	430	27	131	9	47
Secretaries	6	—	—	—	—	78	5	—	—	18	12	307
Stenographers	16	—	8	—	9	5	5	—	—	18	12	90
Typists	128	34	29	46	8	164	57	140	10	31	74	380
Other clerical and kindred workers	14	18	3	39	8	—	79	593	76	87	312	791
Foremen, n.e.c.	5	—	3	6	—	5	5	41	4	4	6	28
Operatives, except transport	12	12	13	299	—	51	9	4	13	—	5	23
Assemblers	—	—	—	—	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	—	—	—	—	—	—	—	—	—	—	—	—
Packers and wrappers, except meat and produce	—	—	—	—	—	—	—	—	—	—	—	—
Other operatives, except transport	12	12	13	294	—	51	9	4	—	—	5	18
Transport equipment operatives	5	5	—	4	—	—	—	—	—	—	—	—
Laborers, except farm	—	14	5	28	—	—	—	—	—	10	—	8
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	53	24	527	2 326	109	1 019	502	870	216	124	163	56
Cleaning service workers	48	4	295	15	6	85	26	11	18	13	—	18
Personal service workers	5	6	86	644	13	10	1	196	100	53	—	10
Other service workers, including private household	—	14	146	1 667	90	924	463	627	105	58	163	28

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.]

	Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construc- tion	Manufacturing					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
					Durable goods												
FRESNO SMSA																	
Total employed	138 729	16 893	534	7 120	15 914	1 374	766	134	117	777	1 377	513					
Professional, technical, and kindred workers	18 837	372	37	359	941	48	54	9		58	74	25					
Accountants	18 837	372	37	359	941	48	54	9		58	74	25					
Architects	995	11	8	16	101	7				5		5					
Computer specialists	94				10						5						
Engineers	1 091	37	14	173	221	10	20	5		30	57	9					
Chemical	73				18												
Civil	473			159	5					5							
Electrical and electronic	65			5	5												
Industrial	138			5	50		9										
Mechanical	109			4	47												
Other engineers	299		14	5	96	10	11	5		25	28	4					
Mathematical specialists	21				4												
Life and physical scientists	252				29												
Chemists	71				70					6							
Personnel and labor relations workers	490			11	10												
Social scientists	119				212		14			17							
Engineering and science technicians	826		15	118	212	11	14	4		17	4						
Draftsmen	261		5	24	59	7											
Electrical and electronic engineering technicians	88				10												
Industrial and mechanical engineering technicians	19		5	4	9	5	5										
Technicians, except health, and engineering and science	302			28	168	5	6										
Writers, artists, and entertainers	1 098			9	96	15	10										
Other professional, technical, and kindred workers	13 521	183															
Managers and administrators, except farm	12 847	127	19	890	1 163	48	43	7		38	136	40					
Buyers, purchasing agents, and sales managers	1 548	11		47	240					3	24	10					
Other managers and administrators	11 299	116	19	843	923	68	43	7		35	112	30					
Salaried	8 034	64	19	485	750	57	34	5		21	98	30					
Self-employed	3 265	52		358	173	11	9	7		14	14	7					
Sales workers	11 426	54		71	810	31	5	4		25	28	22					
Managers and administrators, except farm	23 384	367	28	502	1 948	103	84	5		115	165	89					
Buyers, purchasing agents, and sales managers	2 972	165	5	374	374	38	12	5		31	29	12					
Salaried	1 839	6															
Self-employed	509	5		85	39												
Clerical and kindred workers	509	5		85	39												
Cashiers	509	5		85	39												
Estimators and investigators, n.e.c.	569	13	5	5	68	19	16			26	14	16					
Office machine operators	605	5		5	226	5				4	14	7					
Shipping and receiving clerks	523	8		250	177	3				46	98	25					
Stock clerks and storekeepers	16 367	168	18	250	1 164	43	56			46	98	25					
Other clerical and kindred workers	16 097	528	168	3 661	3 207	346	192	41		155	363	162					
Craftsmen and kindred workers	40				5												
Blacksmiths, forgers, hammermen, and boilermakers	97				4												
Brickmasons and stonemasons	1 000	21		740	73	24	4			5	6						
Carpenters	97			49	49	13	21										
Cranemen, derrickmen, and hoistmen	539	6		235	64	9	6			6	15						
Electricians	667	47	14	439	51	9	6			45	51	28					
Excavating, grading, and road machine operators	2 271	147	52	208	809	108	93	5		15	106	17					
Foremen, n.e.c.	4 842	286	53	220	615	28	17			5	4	10					
Mechanics and repairmen	2 383	34	13	12	288	3	3			51	121	4					
Automobile, including body																	
Machinists, job setters, and toolmakers	246			98	105	20				18	18	5					
Metal craftsmen, except mechanics and machinists	672			446	45	5				8	15						
Painters, construction and maintenance, and plasterers and paperhangers	457	36		304	33	5					15						
Plumbers and pipe fitters	388			5	318												
Printing craftsmen	251		27	11	33												
Stationary engineers and power station operators	4 145	42	11	849	715	136	43	5		20	17						
Other craftsmen and kindred workers	11 555	317	235	477	5 677	488	221	51		298	549	138					
Operators, except transport	490				436	39	18			82	49	6					
Assemblers	305				305	3	4			7	31	6					
Checkers, examiners, and inspectors; manufacturing	145				9												
Fillers, polishers, sanders, and buffers	145				9												
Painters, manufactured articles	148				9												
Precision machine operatives	1 055	52	5	166	130	10	5	3		11	14	5					
Welders and flamecutters	6 687	142	230	166	582	48	5	26		30	48	4					
Other specified operatives	1 117	57		25	2 397	214	50	6		37	45	9					
Machine operatives, miscellaneous specified	804			447	83	25	32	4		6	9	5					
Machine operatives, not specified	31			39	357	23	3	3		18	10	10					
Miscellaneous operatives	256				400	33	10	3		16	16	25					
Not specified operatives					201					4							

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.]

	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
FRESNO SMSA													
Total employed	335	12	295	5	847	4 520	788	548	306	1 281	780	197	942
Professonal, technical, and kindred workers	15	—	10	5	90	171	15	14	13	132	120	31	56
Architects	—	—	—	—	5	45	11	—	—	6	11	6	—
Computer specialists	—	—	—	—	5	—	—	—	—	—	—	—	—
Engineers	5	—	—	—	6	—	—	5	13	—	17	11	6
Chemical	—	—	—	—	—	27	7	—	—	—	11	—	—
Civil	—	—	—	—	—	—	—	—	—	—	—	—	—
Electrical and electronic	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial	5	—	—	—	6	9	—	5	6	—	6	5	—
Mechanical	—	—	—	—	—	11	—	—	—	—	—	6	—
Other engineers	—	—	—	—	—	—	—	—	7	—	—	—	—
Mathematical specialists	—	—	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists	—	—	—	—	—	—	—	—	—	—	9	—	5
Chemists	—	—	—	—	—	30	—	—	—	—	—	—	—
Personnel and labor relations workers	—	—	10	—	15	24	4	4	—	—	14	—	—
Social scientists	—	—	—	—	15	4	—	—	—	—	5	—	—
Engineering and science technicians	5	—	—	—	15	53	—	5	—	5	51	9	19
Draftsmen	5	—	—	—	—	—	—	5	—	5	7	—	10
Electrical and electronic technicians	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial and mechanical engineering technicians	—	—	—	—	—	—	—	—	—	—	—	—	—
Technicians, except health, and engineering and science writers, artists, and engravers	5	—	—	—	10	12	—	—	—	122	4	—	9
Other professional, technical, and kindred workers	—	—	5	—	29	—	—	—	—	—	9	5	17
Managers and administrators, except farm													
Buyers, purchasing agents, and sales managers	36	—	20	—	55	339	33	11	29	124	93	24	62
Other managers and administrators	10	—	4	—	4	123	—	—	5	27	30	—	62
Salaried	26	—	16	—	57	216	33	11	24	97	68	24	50
Self-employed	22	—	—	—	30	195	26	11	24	65	15	12	19
Other clerical and kindred workers	4	—	—	—	21	21	7	—	—	32	—	—	10
Sales workers													
Clerical and kindred workers	17	—	6	—	39	122	10	27	34	214	128	11	87
Bookkeepers	32	—	12	—	127	489	86	25	30	298	130	15	112
Cashiers	5	—	—	—	16	118	14	9	4	41	13	—	11
Estimators and investigators, n.e.c.	—	—	—	—	—	—	5	—	—	6	5	—	—
Office machine operators	10	—	4	—	4	27	12	—	—	4	—	—	5
Shipping and receiving clerks	—	—	—	—	—	55	12	—	10	—	11	—	5
Stock clerks and storekeepers	8	—	13	—	30	280	16	—	16	—	6	—	91
Other clerical and kindred workers	48	4	60	—	164	822	73	28	28	392	122	21	150
Craftsmen and kindred workers													
Blacksmiths, forgers, hammerers, and boiler-makers	—	—	—	—	—	5	—	—	—	—	—	—	—
Brickmasons and stonemasons	—	—	18	—	—	15	—	—	—	5	—	—	—
Carpenters	—	—	7	—	4	6	—	—	—	—	—	—	—
Croftmen, derrickmen, and hoistmen	—	—	—	—	—	15	6	—	—	—	3	—	—
Electricians	14	—	14	—	11	8	18	19	10	44	22	5	6
Excavating, grading, and road machine operators	12	4	6	—	4	272	23	—	12	22	51	16	20
Foremen, n.e.c.	12	—	—	—	—	14	—	—	—	—	—	—	6
Mechanics and repairmen	14	—	4	—	7	42	15	—	—	4	—	—	10
Automobile, including body	—	—	—	—	—	—	—	—	—	—	—	—	—
Machinists, job setters, and toolmakers	—	—	6	—	11	—	—	—	—	—	5	—	—
Metal craftsmen, except mechanics and machinists	5	—	5	—	6	12	—	—	—	—	—	—	—
Painters, construction and maintenance, and plasterers and paper-hangers	—	—	—	—	—	13	—	—	—	—	4	—	—
Plumbers and pipe fitters	—	—	—	—	—	—	—	—	6	308	—	—	—
Printing craftsmen	—	—	—	—	—	—	—	—	—	—	—	—	—
Stationary engineers and power station operators	3	—	—	—	116	136	11	9	—	9	4	—	4
Other craftsmen and kindred workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Operatives, except transport													
Assemblers	176	8	143	—	283	1 605	523	433	96	82	91	90	349
Checkers, examiners, and inspectors; manufacturing	40	8	11	—	14	21	3	15	—	—	—	6	6
Filers, polishers, sanders, and buffers	5	—	14	—	—	111	36	—	—	—	—	—	67
Painters, manufactured articles	—	—	—	—	6	—	—	—	—	—	—	—	—
Precision machine operators	13	—	5	—	—	—	—	4	—	5	—	—	—
Welders and flamecutters	74	—	96	—	10	37	11	369	10	6	33	13	25
Other specified operatives	10	—	13	—	165	304	467	13	58	34	30	55	209
Machine operatives, miscellaneous specified	9	—	—	—	44	140	—	16	16	14	10	16	31
Machine operatives, not specified	11	—	—	—	6	—	—	11	7	23	5	—	6
Miscellaneous operatives	10	—	—	—	22	160	—	—	—	—	—	—	—
Not specified operatives	—	—	4	—	16	65	—	5	5	—	13	—	5

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.]

	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 miscel. plas. products	Other nondurable goods, incl. not specified manufacturing
Total employed—Continued													
FRESNO SMSA—Continued													
Transport equipment operatives													
Deliverymen and routemen	11		5		32	346	5		48	23	35		57
Truck drivers						164	5		6	18	16		7
Other transport equipment operatives	5		5		32	174			33	5	11		50
Laborers, except farm						389	34		22		45	5	32
Freight, stock, and material handlers						186	5		22		20	5	26
Other specified laborers						64	8						
Miscellaneous laborers						14							
Not specified laborers						125	21				25		6
Farm workers													
Service workers, including private household						197	9	10	6	15	16		37
Cleaning service workers			14		17	123	5	5	6	15	16		14
Personal service workers			14		6								5
Guards and watchmen						57	4	5					
Other service workers, including private household					11	17							18
Female employed	55		26		205	1 092	417	425	21	398	128	10	245
Professional, technical, and kindred workers						46		10		46			
Accountants					20	16				6			
Computer specialists													
Librarians													
Registered nurses, dietitians, and therapists													
Social scientists										40			
Writers, artists, and entertainers					4	4							
Other professional, technical, and kindred workers					16	26		10			10		
Managers and administrators, except farm	6					19	5			9	5		4
Salaried	6					11	5			4	4		4
Self-employed						8				5	5		
Sales workers					15	9	4	7		60	5		
Clerical and kindred workers	23		22		96	309	49	25	16	214	86	10	82
Bookkeepers	9		12		16	72	5	9		29	7		6
Cashiers													
Counter clerks, except food										24			
File clerks											4		
Office machine operators					4	17	7	10		4			
Bookkeeping and billing machine operators						24				4			
Receptionists	8				23	105	10	6	6	60	29	10	9
Secretaries						5							4
Stenographers					5	25				31			63
Typists	6		10		48	61	27		10	66	31		
Other clerical and kindred workers						55		19		46	4		2
Craftsmen and kindred workers					11	29		15		14			
Foremen, n.e.c.													
Operatives, except transport	26		4		59	602	352	359	5	19	8		128
Assemblers	17				14	21	3			6			6
Checkers, examiners, and inspectors, manufacturing						65	31	15					13
Packers and wrappers, except meat and produce						232		5					
Other operatives, except transport	9		4		45	284	318	339	5	19	8		109
Transport equipment operatives						5				4			
Laborers, except farm						32	7						6
Farm workers													
Service workers, including private household						15					10		23
Cleaning service workers					4	5					10		5
Personal service workers													
Other service workers, including private household					4	10							18

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

FRESNO SMSA—Continued

Total employed—Continued

Deliverymen and routemen
Truck drivers
Other transport equipment operatives
Laborers, except farm
Freight, stock, and material handlers
Other specified laborers
Miscellaneous laborers
Not specified laborers
Farm workers
Service workers, including private household
Cleaning service workers
Personal service workers
Guards and watchmen
Other service workers, including private household
Female employed
Professional, technical, and kindred workers
Accountants
Computer specialists
Librarians
Registered nurses, dietitians, and therapists
Social scientists
Writers, artists, and entertainers
Other professional, technical, and kindred workers
Managers and administrators, except farm
Salaried
Self-employed
Sales workers
Clerical and kindred workers
Bookkeepers
Cashiers
Counter clerks, except food
File clerks
Office machine operators
Bookkeeping and billing machine operators
Receptionists
Secretaries
Stenographers
Typists
Other clerical and kindred workers
Craftsmen and kindred workers
Foremen, n.e.c.
Operatives, except transport
Assemblers
Checkers, examiners, and inspectors, manufacturing
Packers and wrappers, except meat and produce
Other operatives, except transport
Transport equipment operatives
Laborers, except farm
Farm workers
Service workers, including private household
Cleaning service workers
Personal service workers
Other service workers, including private household

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.]

Occupation	Railroads and railway express service	Trucking services and warehousing	Other transportation	Communi- cations	Utilities and sanitary services	Wholesale trade	Retail trade					Finance and real estate		
							General merchandise retailing	Food stores	Automotive dealers and gasoline stations	Eating and drinking places	Other retail trade		Insurance	
FRESNO SMSA														
Total employed	1 218	2 712	1 159	2 054	2 718	8 876	3 360	3 467	4 331	4 907	8 908	2 714	4 556	
Professional, technical, and kindred workers														
Accountants	19	48	64	256	262	327	33	9	47	51	309	108	157	
Architects	—	17	11	4	5	37	5	—	32	4	40	25	63	
Computer specialists	—	—	—	—	14	—	—	—	—	—	—	—	—	
Engineers	6	14	—	56	4	10	—	—	6	—	5	33	5	
Chemical	—	—	—	—	113	95	—	—	—	—	7	—	—	
Civil	6	—	—	4	52	17	—	—	—	—	—	—	—	
Electrical and electronic	—	—	—	41	23	13	—	—	—	—	—	—	—	
Industrial	—	—	—	5	—	23	—	—	6	—	—	—	—	
Mechanical	—	14	—	6	38	42	—	—	—	—	7	—	—	
Other engineers	—	—	—	—	—	7	—	—	—	—	—	—	—	
Mathematical specialists	—	—	—	—	—	—	—	—	—	—	—	—	—	
Life and physical scientists	—	—	—	4	—	21	—	—	—	—	—	—	—	
Chemists and related workers	—	—	—	3	—	—	—	—	—	—	—	—	—	
Personnel and labor relations workers	—	9	—	12	6	28	22	5	5	—	10	7	47	
Social scientists	—	—	—	—	—	—	—	—	—	—	—	—	—	
Engineering and science technicians	13	—	11	36	77	36	—	—	—	—	10	4	8	
Professors	9	—	—	5	29	17	—	—	—	—	10	4	8	
Electrical and electronic engineering technicians	—	—	11	25	5	10	—	—	—	—	—	—	—	
Industrial and mechanical engineering technicians	—	—	—	—	—	—	—	—	—	—	—	—	—	
Mechanics, except health, and engineering and science technicians, except health, and engineering and science	—	—	42	31	6	8	—	—	—	—	10	—	—	
Writers, artists, and entertainers	—	—	—	113	34	38	6	4	—	47	18	—	16	
Other professional, technical, and kindred workers	—	—	—	—	—	34	—	4	—	—	209	25	13	
Managers and administrators, except farm														
Buyers, purchasing agents, and sales managers	182	219	52	198	126	1 314	454	489	970	642	1 590	270	1 132	
Other managers and administrators	—	—	—	15	23	391	182	91	81	81	285	41	45	
Salaries	182	208	52	183	103	923	272	398	889	642	1 305	229	1 087	
Self-employed	—	86	19	174	33	704	192	173	439	280	954	205	954	
Sales workers														
Bookkeepers	207	276	185	970	481	1 531	562	986	336	362	1 380	342	1 939	
Cashiers	—	24	15	14	50	323	86	32	179	255	373	13	193	
Estimators and investigators, n.e.c.	—	5	4	14	13	4	143	801	4	48	304	13	48	
Office machine operators	—	—	—	—	—	30	19	—	8	—	22	—	29	
Shipping and receiving clerks	22	—	—	—	33	43	—	4	10	—	22	—	117	
Stock clerks and storekeepers	10	12	—	33	4	136	53	13	10	—	37	—	5	
Other clerical and kindred workers	15	14	—	9	10	94	46	30	108	49	40	—	5	
Self-employed	160	217	155	924	349	890	211	106	582	1 148	562	—	1 542	
Craftsmen and kindred workers														
Blacksmiths, forgers, hammermen, and boilermakers	363	204	74	534	855	1 000	151	162	996	16	1 009	15	87	
Brickmasons and stonemasons	—	—	—	—	—	5	—	—	—	—	—	—	—	
Carpenters	10	5	6	—	19	13	11	5	5	—	9	6	5	
Cranemen, derrickmen, and hoistmen	—	—	—	—	8	12	—	—	—	—	—	—	—	
Electricians	—	—	4	—	124	27	—	5	—	—	—	—	—	
Excavating, grading, and road machine operators	—	—	—	—	26	24	—	—	—	—	—	—	—	
Foremen, n.e.c.	26	44	17	47	156	353	15	21	23	12	28	4	29	
Mechanics and repairmen	108	130	42	13	142	342	65	21	854	313	313	4	11	
Automobile, including body	—	104	23	—	13	76	22	—	5	—	5	—	—	
Machinists, job setters, and toolmakers	5	—	—	6	4	25	—	—	—	—	—	—	—	
Metal craftsmen, except mechanics and machinists														
Painters, construction and maintenance, and plasterers and paperhangers	—	5	—	—	—	5	—	—	—	—	—	—	—	
Plumbers and pipe fitters	11	—	—	4	26	6	—	—	6	—	20	—	22	
Printing craftsmen	—	—	—	—	—	—	—	—	—	—	—	—	—	
Stationary engineers and power station operators	—	14	5	4	54	40	—	—	5	—	5	—	3	
Other craftsmen and kindred workers	203	6	—	460	296	139	54	131	27	4	538	5	10	
Operatives, except transport														
Assemblers	60	85	28	5	134	1 258	73	512	1 102	36	281	10	6	
Checkers, examiners, and inspectors; manufacturing	—	4	—	—	3	39	—	—	4	—	4	—	—	
Filers, polishers, trimmers, and buffers	—	—	—	—	—	—	—	—	—	—	—	—	—	
Electricians, except power	—	—	—	—	—	—	—	—	17	—	—	—	—	
Precision machine operatives	—	—	—	—	—	—	—	—	—	—	—	—	—	
Welders and fitters	16	10	—	—	19	31	6	—	—	—	—	—	—	
Other specified operatives	18	42	12	5	62	975	62	476	1 060	21	161	—	—	
Machinists, miscellaneous specified	—	15	5	—	—	140	—	11	18	11	40	10	6	
Machine operatives, not specified	22	9	11	—	40	44	—	15	3	4	—	—	—	
Miscellaneous operatives	4	—	—	—	40	44	5	15	—	—	—	—	—	
Not specified operatives	—	—	—	—	5	10	—	10	—	—	57	—	—	

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

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

The State
Standard Metropolitan Statistical Areas
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FRESNO SMSA — Continued

Total employed—Continued

	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communications	Utilities and sanitary services	Wholesale trade	Retail trade				Insurance	Finance and real estate	
							General merchandise retailing	Food stores	Automotive dealers and gasoline stations	Eating and drinking places			Other retail trade
Deliverymen and routemen	264	1 670	657	5	375	1 139	37	66	24	53	436	5	5
Truck drivers	10	99	15	5	115	483	37	66	8	48	262	5	—
Other transport equipment operatives	258	1 530	642	—	249	439	—	—	16	—	173	—	5
Labors, except farm	91	180	27	—	383	646	18	579	78	4	215	—	85
Freight, stock, and material handlers	16	178	10	—	120	432	18	568	10	4	95	—	4
Other specified laborers	47	155	5	—	72	46	—	7	58	—	83	—	52
Miscellaneous laborers	19	25	12	—	13	94	—	4	5	—	14	—	21
Non specified laborers	—	—	—	—	—	—	—	—	—	—	23	—	8
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	24	12	61	37	75	123	184	133	32	3 689	420	9	164
Cleaning service workers	8	6	13	15	55	88	30	60	22	107	66	4	114
Personal service workers	—	—	29	—	3	—	43	—	—	19	11	—	4
Guards and watchmen	7	6	—	—	5	12	13	—	5	—	7	—	—
Other service workers, including private household	9	—	19	22	10	22	78	73	5	3 563	336	—	46
Female employed	49	204	265	1 030	330	2 048	2 363	1 048	395	2 646	3 663	1 341	2 429
Professionals, technical, and kindred workers	—	6	—	30	19	35	27	—	23	13	85	20	48
Accountants	—	6	—	—	—	9	5	—	23	—	26	9	25
Computer specialists	—	—	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists	—	—	—	—	—	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	—	—	—	—	—	—	—	—	—	—	—	—	—
Social scientists	—	—	—	—	—	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	—	—	—	8	—	9	6	—	—	13	5	—	5
Other professional, technical, and kindred workers	—	—	—	22	19	17	16	—	—	—	54	11	18
Salaried	—	13	5	53	—	67	184	72	38	132	387	75	273
Managers and administrators, except farm	—	4	4	53	—	58	143	20	26	41	212	66	259
Self-employed	—	9	5	—	—	9	41	52	12	91	175	9	14
Sales workers	—	—	—	9	—	78	1 432	273	21	23	1 608	138	270
Clerical and kindred workers	34	138	105	901	268	1 006	481	490	253	306	1 074	1 085	1 763
Bookkeepers	—	20	11	26	—	273	76	32	156	48	347	92	182
Cashiers	—	4	9	15	—	10	137	387	4	224	264	7	48
File clerks, except food	—	—	—	6	—	—	13	4	3	5	14	—	—
Office machine operators	—	5	—	11	—	5	4	—	—	—	—	71	13
Bookkeeping and billing machine operators	4	—	—	28	—	32	4	4	10	—	6	13	108
Receptionists	—	—	—	—	—	6	4	—	—	—	—	4	83
Secretaries	—	—	—	5	—	14	4	9	—	—	13	21	5
Stenographers	—	49	24	46	44	240	37	11	44	10	166	407	474
Typists	5	17	—	5	35	5	—	—	—	—	8	17	29
Other clerical and kindred workers	25	43	56	783	95	376	195	43	36	14	235	334	855
Craftsmen and kindred workers	8	—	—	15	5	52	46	32	21	12	142	4	—
Foremen, n.e.c.	5	—	—	10	—	17	15	—	5	12	4	4	—
Operatives, except transport	—	16	5	—	3	747	47	65	34	18	95	10	6
Assemblers	—	4	—	—	3	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—
Packers and wrappers, except meat and produce	—	12	—	—	—	50	22	10	4	12	—	—	—
Other operatives, except transport	—	—	—	—	—	638	25	55	26	6	90	10	6
Transport equipment operatives	—	31	140	—	11	3	—	4	—	13	6	—	—
Labors, except farm	4	—	—	—	5	41	4	76	—	—	29	—	—
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	3	—	10	22	19	10	142	36	5	2 129	237	9	69
Cleaning service workers	—	—	—	—	—	—	3	6	—	27	5	4	41
Personal service workers	—	—	—	—	—	—	63	—	—	16	11	—	4
Other service workers, including private household	3	—	5	22	10	14	76	30	5	2 086	221	5	24

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]

Occupation	FRESNO SMSA											
	Business services	Repair services	Hotels and lodging places	Other personal services, including household	Entertainment and recreation services	Hospitals	Health services, except hospitals	Educational services, government	Educational services, private	Welfare, religious, and nonprofit organizations	Other professional and related services	Public administration
Total employed	2 097	2 596	1 196	6 260	1 282	4 341	3 367	12 032	1 607	2 234	3 477	6 799
Professional, technical, and kindred workers	303	37	59	216	414	1 558	1 194	7 082	889	1 087	1 590	1 067
Accountants.....	41	—	23	—	—	25	17	16	—	4	358	135
Architects.....	—	—	—	—	—	—	—	—	—	—	45	—
Computer specialists.....	19	—	—	5	—	—	—	17	—	—	10	13
Engineers.....	29	—	—	—	5	15	—	10	—	—	122	130
Chemical.....	—	—	—	—	—	—	—	—	—	—	5	—
Civil.....	11	—	—	—	—	—	—	—	—	—	62	73
Electrical and electronic.....	—	—	—	—	5	5	—	—	—	—	—	11
Industrial.....	18	—	—	—	—	—	—	—	—	—	—	14
Mechanical.....	—	—	—	—	—	10	—	—	—	—	—	—
Other engineers.....	—	—	—	—	—	—	—	—	—	—	50	32
Mathematical specialists.....	—	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists.....	9	—	—	5	—	—	—	5	—	—	—	86
Chemists.....	—	—	—	—	—	5	—	27	—	—	—	9
Personnel and labor relations workers.....	70	5	—	5	—	5	—	7	—	—	—	125
Social scientists.....	5	—	—	—	—	—	—	21	—	10	—	28
Engineering and science technicians.....	26	—	—	—	—	5	—	40	—	4	—	108
Draftsmen.....	5	—	—	—	—	—	—	21	—	7	—	20
Electrical and electronic engineering technicians.....	10	—	—	—	—	—	—	6	—	—	—	17
Industrial and mechanical engineering technicians.....	—	—	—	—	—	—	—	—	—	—	—	4
Mechanics, except health, and engineering and science technicians.....	3	5	—	10	—	6	—	17	—	—	—	105
Writers, artists, and entertainers.....	51	—	24	75	—	—	—	52	—	47	85	22
Other professional, technical, and kindred workers.....	50	27	12	116	169	1 502	1 144	6 856	831	1 015	877	311
Managers and administrators, except farm	241	229	152	288	80	129	93	609	102	166	104	817
Buyers, purchasing agents, and sales managers.....	—	—	—	—	—	9	—	16	—	—	—	30
Other managers and administrators.....	219	229	152	280	80	120	93	606	102	166	104	817
Salaried.....	93	136	67	133	76	120	53	593	76	166	98	787
Self-employed.....	91	136	67	133	4	—	40	393	26	166	6	787
Sales workers	120	69	16	107	47	5	—	—	21	4	21	14
Clerical and kindred workers	631	190	151	383	143	766	782	2 275	303	584	1 185	2 589
Bookkeepers.....	69	58	19	42	15	50	117	73	6	233	111	589
Cashiers.....	21	21	4	29	63	25	—	26	—	—	—	22
Employers and investigators, n.e.c.....	—	—	—	—	—	—	—	—	—	—	—	—
Office machine operators.....	15	11	—	5	—	—	8	—	—	9	14	89
Shop and stock clerks.....	15	8	—	17	—	—	—	—	—	5	41	56
Stock clerks and stockkeepers.....	7	4	6	17	—	5	—	—	—	10	10	11
Other clerical and kindred workers.....	474	95	122	282	65	634	630	2 074	282	517	887	36
Craftsmen and kindred workers	239	1 532	10	162	45	119	132	247	9	41	35	496
Blacksmiths, forgemen, hammermen, and boilermakers.....	—	26	—	4	—	—	—	—	—	—	—	—
Brickmasons and stonemasons.....	—	—	—	—	—	—	—	—	—	—	—	—
Carpenters.....	6	3	—	13	—	20	—	—	—	—	—	5
Cranemen, derrickmen, and hoistmen.....	—	—	—	—	—	—	—	—	—	—	—	—
Electricians.....	—	12	—	—	—	—	—	14	—	5	—	5
Excavating, grading, and road machine operators.....	5	6	—	16	4	—	—	5	—	—	—	30
Foremen, n.e.c.....	33	38	—	—	—	23	18	51	4	6	—	30
Mechanics and repairmen.....	82	1 162	17	17	22	18	—	72	4	52	—	52
Mechanics, including body.....	10	799	9	—	—	—	—	22	—	13	—	267
Automobile, including body.....	—	31	—	—	—	—	—	—	—	7	—	85
Machinists, job setters, and toolmakers.....	—	—	—	—	—	—	—	—	—	—	—	—
Metal craftsmen, except mechanics and machinists.....	19	11	5	19	—	—	—	—	—	—	—	5
Painters, construction and maintenance, and plasterers and paperhangers.....	6	—	—	—	—	—	—	—	—	—	—	26
Plumbers and pipe fitters.....	18	—	—	—	—	—	—	16	—	—	—	4
Printing craftsmen.....	6	—	—	—	—	—	—	27	—	—	—	10
Stationary engineers and power station operators.....	6	—	—	—	—	28	—	—	—	—	—	5
Other craftsmen and kindred workers.....	64	243	5	93	19	20	114	22	—	5	26	52
Operatives, except transport	79	257	27	564	11	50	34	60	10	18	49	70
Assemblers.....	—	—	—	—	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing.....	—	5	—	—	—	—	—	—	—	—	—	—
Filers, polishers, sanders, and buffers.....	—	39	—	—	—	—	—	—	—	—	—	—
Painters, manufactured articles.....	—	4	—	—	—	—	—	—	—	—	—	—
Precision machine operatives.....	4	129	—	4	—	—	—	—	—	—	—	7
Welders and flamecutters.....	9	50	16	531	11	44	28	35	—	5	38	33
Other specified operatives.....	8	26	4	20	—	—	6	—	—	—	—	6
Machine operatives, miscellaneous specified.....	—	—	—	—	—	—	—	—	—	—	—	—
Machine operatives, not specified.....	—	—	—	—	—	—	—	—	—	—	—	—
Miscellaneous operatives.....	53	4	7	9	—	6	—	—	10	—	6	18
Not specified operatives.....	—	—	—	—	—	—	—	—	—	—	—	—

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

FRESNO SMSA—Continued

Total employed—Continued

Occupation	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 organizations	Other professional and related services	Public administration
Transport equipment operatives												
Deliverymen and roulemen	64	76		70	4	11	9	26		10	4	56
Truck drivers	40	54		54	21	11	5	13		10		36
Other transport equipment operatives	15	17		16	4		4	13				22
Laborers, except farm	41	157	10	215	156	31	35	171	16	45	12	132
Freight, stock, and material handlers	8	4		18	10	10	12	23		12		25
Other specified laborers	5	134	10	163	140	9	26	148	16	33	12	96
Miscellaneous laborers	11	15		13	13	6						6
Not specified laborers	17	4		34	3	6	9					5
Farm workers												
Service workers, including private household	379	49	771	4 255	382	1 672	1 088	1 533	257	279	477	1 556
Cleaning service workers	231	8	277	22	95	277	78	738	140	167	27	1 167
Personal service workers	14		143	1 612	116	34	15	201	70	5		12
Guards and watchmen	91		6	11	11			33				69
Other service workers, including private household	43	41	345	2 621	160	1 361	978	581	709	59	450	1 308
Female employed	782	237	688	4 818	407	3 237	2 382	6 913	1 028	1 163	1 857	1 819
Professional, technical, and kindred workers	123	22	21	119	118	1 161	523	3 912	525	402	458	217
Accountants	24		4			20	10	10			58	38
Computer specialists	4					5			5			5
Life and physical scientists	4			50		914	401	82	5	4	4	11
Registered nurses, dietitians, and therapists	4							14	6			17
Social scientists	14		11	10	63			21	10	25	57	12
Writers, artists, and entertainers	77	22	6	59	55	222	101	3 785	499	373	344	151
Other professional, technical, and kindred workers												
Managers and administrators, except farm	24	3	47	77	13	49	34	169	53	67	37	79
Salaried	19		29	46	13	49	169	169	38	67	37	79
Self-employed	5	3	18	31			20		15			
Sales workers	31	15	16	64	25			18	10		8	14
Clerical and kindred workers	496	129	123	351	112	704	751	2 052	269	528	1 055	1 397
Bookkeepers	57	38	8	39	15	39	117	78	6	43	193	278
Cashiers	21	3	4	29	47	25		26				14
Counter clerks, except food			37	70	6	19						5
File clerks	10	6		8	4	4		50	10	21	14	42
Office machine operators	9							33	5	5	23	50
Bookkeeping and billing machine operators												
Receptionists	24		18	56	5	72	279	52	21	17	25	95
Secretaries	120	44	21	17	20	209	219	676	88	258	425	240
Stenographers	10					12	10	76		19	20	103
Typists	43	7	8		6	68	16	178	15	79	30	225
Other clerical and kindred workers	202	24	27	133	13	256	90	978	132	93	325	615
Foremen, n.e.c.	26	30		15		14	37	30		10	5	4
Operatives, except transport	10			4		14	12	10		6		
Assemblers												
Checkers, examiners, and inspectors, manufacturing												
Packers and wrappers, except meat and produce												
Other operatives, except transport	27	9	15	476	6	44	34	38	5	7	11	6
Transport equipment operatives												
Laborers, except farm	17	5		25	6	16	5	4		9	7	
Farm workers												
Service workers, including private household	38	19	466	3 686	127	1 249	993	690	166	140	276	102
Cleaning service workers	30	5	211	5	23	109	52	40	11	33	11	29
Personal service workers	8		123	1 134	79	1 129	930	123	59	68		73
Other service workers, including private household		14	132	2 547				507	90	39	265	

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

LOS ANGELES—LONG BEACH SMSA

	Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construc- tion	Manufacturing					Total	Furniture, lumber, and wood products	Stone, clay, and glass products	Primary ferrous industries	Primary nonferrous industries	Durable goods	Fabricated metal industries, including not specified metal	Machinery, except electrical	Electrical machinery, equipment, and supplies
					Total													
					Furniture, lumber, and wood products	Stone, clay, and glass products	Primary ferrous industries	Primary nonferrous industries	Durable goods									
Total employed	2 826 565	27 007	9 439	128 431	770 904	28 586	18 162	12 656	11 537	52 869	75 718	83 772						
Professional, technical, and kindred workers	481 997	1 700	2 002	9 145	109 451	822	1 360	490	706	3 453	11 994	18 878						
Accountants.....	33 963	26	434	7 891	7 891	156	217	151	110	499	1 776	1 256						
Architects.....	2 815	187	60	157	5 981	22	53	15	21	99	1 617	710						
Computer specialists.....	13 982	73	543	4 648	44 822	157	333	205	244	36	4 587	8 605						
Engineers.....	71 068	1 514	27	201	12 084	36	379	6	6	26	31	57						
Chemical.....	1 514	32	36	306	6 167	56	75	74	73	280	84	575						
Electrical and electronic.....	18 071	5	44	186	6 167	56	75	74	73	280	84	575						
Civil.....	8 674	4	56	374	6 349	4	43	25	53	343	133	944						
Industrial.....	8 665	21	56	374	6 349	4	43	25	53	343	133	944						
Mechanical.....	8 811	16	375	202	18 509	58	115	89	94	554	1 444	1 362						
Other engineers.....	25 383	16	375	202	18 509	58	115	89	94	554	1 444	1 362						
Mathematical specialists.....	1 491	5	5	18	661	5	10	10	10	66	41	66						
Life and physical scientists.....	6 339	74	394	23	2 620	11	83	65	52	110	107	226						
Chemists.....	3 281	9	66	104	1 811	11	78	65	47	75	46	94						
Personnel and labor relations workers.....	13 559	9	57	58	3 322	38	76	56	30	181	297	489						
Social scientists.....	5 358	63	58	11	1 212	6	6	6	4	17	214	231						
Engineering and science technicians.....	33 687	123	233	1 777	18 821	203	194	116	146	778	2 597	4 739						
Draftsmen.....	12 045	46	94	88	5 988	156	54	62	97	467	1 092	1 995						
Electrical and electronic engineering technicians.....	9 406	5	20	88	6 091	4	10	8	6	71	953	2 761						
Industrial and mechanical engineering technicians.....	1 869	5	15	49	742	10	9	6	10	36	65	174						
Other professional, technical, and kindred workers.....	6 850	17	24	780	12 564	22	289	4	6	28	73	60						
Writers, artists, and entertainers.....	49 150	349	179	835	10 685	68	96	50	59	247	704	1 036						
Managers and administrators, except farm.....	259 663	667	833	13 923	54 832	2 142	1 312	649	675	4 269	6 402	6 858						
Buyers, purchasing agents, and sales managers.....	35 248	34	159	694	10 113	284	134	134	128	729	1 210	1 455						
Other managers and administrators.....	224 415	633	674	13 229	44 719	1 858	1 026	515	547	3 540	5 192	5 403						
Solvent.....	180 126	242	621	8 218	39 692	1 519	907	479	496	3 105	4 372	5 155						
Self-employed.....	44 289	391	53	5 011	5 027	339	119	36	51	435	820	248						
Sales workers	220 606	512	102	1 219	23 550	882	629	259	264	1 340	1 968	1 608						
Clerical and kindred workers	599 422	1 144	2 015	11 052	116 309	3 198	2 299	1 329	1 554	6 757	11 094	13 349						
Bookkeepers.....	62 388	221	311	2 284	13 150	600	361	177	261	1 031	1 369	1 359						
Cashiers.....	30 044	30	13	42	16	5	7	5	7	15	30	30						
Estimators and investigators, n.e.c.....	14 231	32	66	631	2 023	64	32	73	30	251	142	234						
Office machine operators.....	26 206	26	181	254	6 915	134	165	174	151	307	813	747						
Shipping and receiving clerks.....	20 434	37	36	92	9 621	453	213	174	269	227	747	1 009						
Stock clerks and storekeepers.....	18 661	10	20	139	6 600	155	139	66	63	396	992	1 009						
Other clerical and kindred workers.....	427 458	788	1 388	6 556	77 679	1 776	1 364	822	824	3 938	7 024	8 978						
Craftsmen and kindred workers	362 748	672	1 562	67 039	146 873	8 119	2 708	3 594	2 885	12 147	17 692	9 840						
Blacksmiths, farriers, hammermen, and boilermakers.....	1 490	4	6	92	1 079	17	17	101	47	391	17 692	9 840						
Brickmasons and stonemasons.....	2 150	—	6	1 830	2 150	—	41	57	7	57	—	—						
Carpenters.....	20 512	77	14	13 542	3 456	63	63	22	21	158	86	95						
Cronemen, derrickmen, and hoistmen.....	3 187	17	66	568	1 656	36	120	484	151	273	264	382						
Electricians.....	13 297	9	35	5 540	3 847	21	74	67	89	272	264	382						
Excavating, grading, and road machine operators.....	5 015	37	76	239	65	65	4	—	4	12	20	—						
Foremen, n.e.c.....	55 632	149	438	4 307	33 008	1 427	829	811	822	2 821	3 364	3 661						
Mechanics and repairmen.....	86 396	65	427	2 969	22 997	384	2 969	329	308	1 431	329	1 431						
Mechanics, including body.....	31 985	31	111	212	2 063	3	89	11	—	49	148	54						
Machinists, job setters, and toolmakers.....	29 718	26	62	153	27 204	248	365	412	630	2 982	8 958	2 008						
Metal craftsmen, except mechanics and machinists.....	13 551	—	4	1 535	10 892	225	12	1 049	693	2 173	1 181	729						
Painters, construction and maintenance, and plasterers and paperhangers.....	16 663	33	29	10 980	2 014	30	30	162	5	162	130	169						
Plumbers and pipe fitters.....	10 375	27	152	6 192	1 794	11	11	41	12	130	84	189						
Printing craftsmen.....	15 578	6	14	13 969	13 969	31	38	138	12	138	84	189						
Stationary engineers and power station operators.....	4 858	26	124	167	1 607	25	48	11	12	73	191	142						
Other craftsmen and kindred workers.....	84 306	196	115	15 416	22 896	4 369	366	191	75	1 123	332	749						
Operatives, except transport	363 840	453	1 919	6 345	273 995	11 386	7 119	4 687	4 736	21 131	24 001	30 866						
Assemblers.....	53 569	21	35	1 900	50 779	2 830	429	194	287	2 820	5 886	13 923						
Checkers, examiners, and inspectors; manufacturing.....	24 978	—	7	60	24 928	271	1	253	445	1 770	2 604	4 400						
Filers, polishers, sanders, and buffers.....	4 489	—	—	—	3 900	595	109	82	134	1 075	365	256						
Painters, manufactured articles.....	5 552	—	3	—	4 062	468	204	49	25	387	513	513						
Precision machine operatives.....	17 077	4	34	—	16 053	296	343	533	343	2 204	6 299	1 018						
Welders and flamecutters.....	16 717	18	148	1 687	11 757	443	218	657	214	2 348	2 848	945						
Other specified operatives.....	163 011	289	1 692	3 451	97 020	1 796	1 687	1 522	1 264	4 837	5 641	5 070						
Machine operatives, miscellaneous specified.....	33 490	42	—	—	29 914	1 127	572	763	1 103	2 118	1 980	1 980						
Machine operatives, not specified.....	17 413	17	—	—	15 791	692	476	463	476	2 118	1 736	1 053						
Miscellaneous operatives.....	19 766	53	235	103	13 113	652	904	305	311	1 043	1 273	1 053						
Not specified operatives.....	7 828	9	—	—	6 678	317	173	266	134	541	382	668						

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

LOS ANGELES-LONG BEACH SMSA - Continued

Total employed - Continued

Occupation	Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction	Total	Furniture, lumber, and wood products	Stone, clay, and glass products	Primary ferrous industries	Primary nonferrous industries	Fabricated metal industries, including non-specified metal	Machinery, except electrical	Electrical machinery, equipment, and supplies
Deliverymen and routemen	89 805	569	684	3 584	17 730	1 037	1 542	456	250	1 351	767	586
Truck drivers	24 351	235	200	2 792	5 267	5 267	5 267	4	4	4	227	77
Other transport equipment operatives	38 132	228	375	2 792	6 695	502	1 008	219	168	513	359	224
Leibers, except farm	27 122	106	582	582	5 768	190	386	190		581	181	224
Freight, stock, and material handlers	110 325	12 861	210	14 939	15 966	728	916	720	266	1 663	820	882
Other specified laborers	48 265	28	103	7 793	3 279	379	493	271	123	542	327	123
Miscellaneous laborers	50 021	12 721	77	14 520	3 207	171	121	36	32	250	196	142
Not specified laborers	4 551	50	12	45	17	45	97	59	48	29	428	59
Farm workers	7 488	62	18	24	3 129	137	205	238	63	233	238	169
Service workers, including private household	8 082	8 082	-	-	-	-	-	-	-	-	-	-
Cleaning service workers	330 077	347	112	1 175	12 198	272	277	222	201	758	975	965
Personal service workers	55 822	149	72	741	7 154	228	215	140	135	577	692	646
Guards and watchmen	47 254	18	58	361	2 019	17	42	66	34	112	165	227
Other service workers, including private household	11 012	42	79	297	2 664	27	20	27	27	97	102	92
Female employed	215 989	138	25	297	2 664	27	20	16		97	102	92
Professional, technical, and kindred workers	1 099 371	4 105	1 706	10 225	228 433	5 852	5 228	1 122	2 197	10 363	16 816	32 623
Accountants	171 583	200	175	735	12 188	116	265	59	83	308	1 037	1 837
Computer specialists	51 021	14	70	240	2 223	48	48	19	35	128	183	415
Die and physical scientists	2 971	30	6	24	1 122	5	6	-	-	16	268	160
Registered nurses, dietitians, and therapists	9 278	6	6	-	235	9	9	-	-	32	15	25
Physicians and dentists	33 026	6	11	-	442	13	13	9	12	32	38	39
Social scientists and statisticians	1 157	-	22	-	102	-	-	-	-	40	72	176
Writers, artists, and entertainers	12 697	87	6	101	3 038	37	167	11	13	40	72	176
Other professional, technical, and kindred workers	110 890	63	65	348	5 026	21	31	23	23	83	461	1 013
Managers and administrators, except farm	51 133	109	35	532	4 934	242	119	40	33	296	441	507
Salaried	42 302	34	35	422	4 464	229	119	40	33	269	416	503
Self-employed	8 831	75	-	110	470	13	-	-	-	27	25	4
Sales workers	80 957	98	-	102	2 888	106	34	20	26	68	77	165
Clerical and kindred workers	443 389	947	1 390	7 444	78 551	2 059	1 592	671	995	4 380	7 499	9 599
Bookkeepers	51 021	175	185	1 893	10 712	10	340	118	218	892	1 160	1 300
Cashiers	29 020	30	13	6	247	10	5	5	5	5	-	30
Counter clerks, except food	6 020	10	6	6	1 215	48	5	5	10	53	56	85
File clerks	14 180	59	76	81	2 913	63	34	25	15	321	298	321
Office machine operators	19 155	20	105	192	4 655	80	115	53	78	186	504	538
Bookkeeping and billing machine operators	2 902	4	4	63	527	19	16	10	5	58	47	79
Receptionists	14 027	219	16	127	1 544	46	51	4	15	174	163	167
Secretaries	112 837	207	565	3 102	26 885	555	492	246	325	1 538	3 135	4 098
stenographers	4 508	24	24	113	641	9	22	9	17	22	22	63
Typists	48 123	51	137	659	8 060	200	125	66	64	370	678	984
Other clerical and kindred workers	148 674	172	269	1 257	21 679	546	408	145	253	989	1 483	2 183
Craftsmen and kindred workers	19 852	34	23	853	10 846	354	102	57	146	459	663	1 119
Foremen, n.e.c.	5 902	-	18	65	3 682	83	44	19	35	158	583	583
Operatives, except transport	139 476	172	77	219	114 753	2 910	2 910	246	858	4 378	6 851	19 060
Assemblers	28 497	5	-	49	27 132	545	213	94	176	1 294	3 344	10 233
Checkers, examiners, and inspectors, manufacturing	10 218	73	915	28	10 218	73	915	28	148	609	907	2 653
Packers and wrappers, except meat and produce	13 158	70	6	19	9 530	103	564	20	106	340	145	412
Other operatives, except transport	87 603	97	71	151	67 873	2 189	1 262	104	428	2 135	2 455	5 762
Transport equipment operatives	3 089	26	-	18	388	10	31	-	-	32	42	12
Leibers, except farm	7 852	676	6	188	2 183	35	117	10	36	365	82	232
Farm workers	1 771	1 771	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	180 209	72	-	134	1 702	20	14	19	20	77	124	92
Cleaning service workers	13 809	23	-	98	595	11	6	7	7	11	78	24
Personal service workers	31 752	9	-	5	230	14	5	-	-	9	10	10
Other service workers, including private household	134 648	40	-	31	877	6	8	19	13	57	36	68

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, not specified manufacturing
Total employed	20 676	118 413	14 710	30 821	73 690	36 621	7 447	44 210	13 738	44 931	26 103	22 221	34 023
Professional, technical, and kindred workers.....	1 139	31 564	1 313	12 437	8 366	1 510	221	1 323	517	5 640	3 168	1 428	2 922
Accountants.....	202	1 617	123	533	431	340	9	104	105	254	37	278	413
Architects.....	4	16	36	32	177	44	—	—	—	—	89	37	139
Computer specialists.....	23	1 744	16	1 029	177	353	53	37	123	154	552	436	608
Engineers.....	504	17 318	500	6 703	2 027	11	—	—	20	—	272	49	219
Chemical.....	—	92	—	90	11	—	—	—	—	—	5	—	57
Civil.....	36	340	21	145	6	7	—	—	—	7	95	8	30
Electrical and electronic.....	29	2 420	81	2 010	460	11	—	—	15	26	108	198	77
Industrial.....	129	1 821	92	724	379	167	15	28	42	72	188	37	56
Mechanical.....	173	1 842	183	1 388	302	87	23	—	18	41	91	140	169
Other engineers.....	108	10 783	123	2 346	869	70	15	9	28	42	91	—	—
Mathematical specialists.....	9	288	—	173	29	21	—	—	—	14	—	5	—
Life and physical scientists.....	10	396	5	260	76	126	5	—	—	35	796	84	173
Chemists.....	10	181	5	61	40	109	—	—	—	29	767	79	102
Personal and labor relations workers.....	100	907	65	259	132	103	24	38	39	142	131	75	120
Social scientists.....	8	281	33	104	92	29	—	—	5	43	53	5	65
Engineering and science technicians.....	110	4 663	288	1 722	922	229	28	53	76	205	838	303	519
Draftsmen.....	38	1 419	120	384	423	24	4	—	23	55	62	63	23
Electrical and electronic engineering technicians.....	16	1 164	106	697	203	24	—	—	14	—	55	18	6
Industrial and mechanical engineering technicians.....	41	918	13	77	20	26	6	22	—	5	—	6	—
Technicians, except health, and engineering and science.....	—	4	—	—	—	—	—	—	—	—	—	—	—
Writers, artists, and entertainers.....	79	1 663	131	727	761	96	60	1 007	116	4 514	145	56	125
Other professional, technical, and kindred workers.....	90	2 220	101	818	3 619	169	21	43	44	167	242	144	747
Managers and administrators, except farm	1 847	6 844	761	2 374	5 213	2 542	551	2 385	787	3 960	2 590	1 512	2 009
Buyers, purchasing agents, and sales managers.....	163	1 412	141	308	708	516	94	2 714	124	825	374	278	273
Other managers and administrators.....	88	5 232	620	2 066	4 505	2 026	613	2 114	613	3 135	2 176	374	1 736
Salaries.....	785	3 135	523	2 056	3 799	1 874	422	1 586	589	2 426	1 868	1 077	1 519
Self-employed.....	99	97	97	10	706	152	35	528	24	709	148	157	217
Sales workers	351	646	155	160	1 934	1 718	505	1 546	540	4 935	2 058	599	1 453
Clerical and kindred workers	2 383	21 884	1 461	6 479	11 820	4 069	1 136	3 956	1 648	9 521	5 146	2 897	4 881
Bookkeepers.....	13	50	—	25	1 055	773	136	849	143	1 119	760	369	491
Cashiers.....	15	464	66	137	99	80	20	16	26	26	14	4	16
Estimators and investigators, n.e.c.....	153	1 706	87	445	452	26	81	21	31	270	28	31	73
Office machine operators.....	290	705	109	703	87	346	160	244	92	379	229	153	282
Shipping and receiving clerks.....	391	1 644	136	1 033	386	481	160	701	270	444	705	245	264
Stock clerks and order fillers.....	1 195	15 971	872	4 997	8 407	2 247	668	1 877	983	1 339	1 64	245	130
Other clerical and kindred workers.....	4 124	24 835	6 418	3 172	12 350	5 068	919	3 985	2 566	14 311	2 869	3 320	5 946
Craftsmen and kindred workers	21	76	104	9	23	—	—	—	—	6	11	22	5
Blacksmiths, farriers, hammermen, and boilermakers.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Brickmasons and stonemasons.....	73	276	1 043	38	132	40	14	—	62	21	47	36	101
Carpenters.....	35	231	103	39	19	8	—	—	—	11	11	14	35
Cranemen, derrickmen, and hoistmen.....	162	1 199	566	117	158	105	9	6	52	87	106	69	92
Electricians.....	12	14	—	—	—	17	—	—	—	—	15	30	32
Excavating, grading, and road machine operators.....	1 045	5 131	679	1 004	2 042	1 510	424	1 509	804	1 388	1 272	1 333	1 112
Foremen, n.e.c.....	1 504	6 366	772	808	1 048	1 093	155	339	643	429	669	726	726
Mechanics and repairmen.....	1 228	1 908	42	5	25	170	—	—	11	10	9	29	72
Automobile, including body.....	525	6 382	803	655	1 169	204	64	62	174	123	238	706	296
Machinists, job setters, and toolmakers.....	336	2 831	700	166	533	23	3	28	53	40	17	59	41
Metal craftsmen, except mechanics and machinists.....	171	405	271	70	99	31	14	27	16	16	95	54	33
Painters, construction and maintenance, and plasterers and paperhangers.....	56	244	467	36	23	20	4	4	25	70	59	59	345
Plumbers and pipe fitters.....	7	30	34	65	142	14	—	—	675	12 012	157	53	91
Printing craftsmen.....	31	181	42	30	48	270	29	45	11	29	57	31	251
Stationary engineers and power station operators.....	146	710	830	121	6 904	1 733	183	1 965	83	151	100	128	2 657
Other craftsmen and kindred workers.....	10 135	28 995	3 511	5 241	30 282	14 805	3 701	29 865	6 206	4 544	8 094	10 921	13 769
Operatives, except transport	4 659	8 938	737	1 334	6 016	1 63	—	185	132	313	713	979	573
Assemblers.....	929	4 389	148	1 273	1 622	520	284	900	367	276	494	1 039	1 503
Checkers, examiners, and inspectors; manufacturing.....	290	471	17	17	326	20	4	29	5	14	34	53	27
Filers, packers, sorters, and buffers.....	548	634	69	291	419	20	32	16	5	19	115	100	82
Painters, manufactured articles.....	390	3 352	132	291	570	70	20	27	39	33	59	180	120
Precision machine operatives.....	1 489	1 178	917	320	393	75	31	13	15	15	82	82	220
Welders and fitters.....	674	3 261	530	624	1 507	9 776	3 258	26 755	1 778	1 242	3 084	1 929	8 290
Other specified operatives.....	338	2 251	322	505	2 275	2 467	—	26 466	2 444	1 220	1 703	4 669	1 669
Machine operatives, miscellaneous specified.....	301	1 856	101	323	1 170	261	—	261	938	1 775	703	1 321	448
Machine operatives, not specified.....	379	1 414	372	259	1 288	839	—	615	366	672	508	674	507
Miscellaneous operatives.....	138	1 251	169	217	498	350	—	403	117	59	287	400	330

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.)

		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
Total employed—Continued														
Transport equipment operatives														
Deliverymen and roulemen	579	812	268	222	1 408	3 846	155	294	838	993	862	455	1 069	
Truck drivers	95	356	51	81	325	2 198	30	114	147	721	181	38	126	
Other transport equipment operatives	111	324	103	112	833	595	63	14	451	26	266	225	480	
Laborers, except farm														
Freight, stock, and material handlers	543	809	534	238	1 408	1 945	105	458	692	540	860	721	1 220	
Other specified laborers	312	441	118	79	406	1 129	105	370	377	363	601	348	303	
Miscellaneous laborers	73	219	230	56	754	282	13	13	70	46	66	59	729	
Not specified laborers	51	35	40	23	42	124	5	22	10	45	38	138	10	
	107	114	146	80	206	410	30	53	85	86	155	176	178	
Farm workers														
	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household														
Cleaning service workers	618	2 094	789	507	1 409	1 118	106	398	194	487	456	348	754	
Personal service workers	304	1 067	131	191	449	665	79	238	173	26	336	292	311	
Guards and watchmen	5	637	60	214	70	16	—	109	7	28	26	41	9	
Other service workers, including private household	75	293	92	88	822	369	22	6	7	68	39	35	363	
	34	—	—	—	—	—	5	45	14	68	55	—	—	
Female employed														
	2 371	25 044	1 590	7 530	26 596	10 222	3 122	33 581	3 664	14 227	8 151	6 526	11 608	
Professional, technical, and kindred workers														
Accountants	45	2 562	92	1 004	871	338	64	783	61	1 538	560	197	366	
Computer specialists	29	465	23	157	137	122	—	24	23	94	96	93	84	
Life and physical scientists	—	294	6	247	10	3	6	—	—	34	41	10	16	
Registered nurses, dietitians, and therapists	—	—	5	90	9	—	—	—	—	—	100	—	—	
Social scientists	—	149	—	15	28	22	—	—	8	5	31	15	25	
Writers, artists, and entertainers	8	227	5	112	128	16	29	674	15	1 237	16	—	—	
Other professional, technical, and kindred workers	8	1 366	53	427	559	165	29	85	15	148	240	68	211	
	78	435	35	83	545	203	89	615	32	583	218	132	267	
Managers and administrators, except farm	67	435	30	83	482	187	70	470	32	480	203	122	194	
Salaried	11	—	5	—	83	16	10	145	—	103	15	—	13	
Self-employed	—	—	—	—	—	—	—	—	—	—	—	—	—	
Sales workers														
	21	38	—	14	274	248	41	388	34	853	206	13	262	
Clerical and kindred workers														
Bookkeepers	1 175	14 229	905	4 490	7 881	2 624	829	2 894	1 027	6 952	3 700	1 785	3 265	
Cashiers	231	950	162	268	902	596	110	765	122	987	620	281	349	
Counter clerks, except food	13	50	—	25	20	24	—	16	21	26	14	—	10	
File clerks	13	107	—	3	102	40	—	42	30	281	169	35	29	
Office machine operators	24	908	22	146	240	46	30	90	30	245	102	32	89	
Bookkeeping and billing machine operators	101	1 065	73	212	345	277	45	197	64	245	160	103	210	
Receptionists	—	50	—	4	47	48	5	97	20	46	14	5	35	
Secretaries	44	153	17	39	111	82	10	94	26	194	83	54	51	
Stenographers	304	5 128	295	2 337	1 900	823	228	562	292	1 803	1 421	616	787	
Typists	154	2 677	9	27	523	115	98	170	12	31	15	4	56	
Other clerical and kindred workers	286	3 768	192	845	3 644	602	252	915	349	2 119	370	187	203	
	132	1 348	146	154	1 023	378	136	1 426	113	1 927	235	269	659	
Foremen, n.e.c.	41	231	10	55	298	203	95	897	46	259	172	146	94	
Operatives, except transport														
Assemblers	842	5 984	331	1 693	15 465	6 102	1 923	27 026	2 946	2 181	3 081	4 011	6 591	
Checkers, examiners, and inspectors, manufacturing	411	2 782	138	819	4 826	182	41	99	244	239	579	344	344	
Packers and wrappers, except meat and produce	72	690	21	9	1 073	300	193	857	588	230	267	365	409	
Other operatives, except transport	90	1 300	172	595	999	2 580	1 568	25 458	1 333	1 486	1 106	2 314	5 725	
	269	2 382	172	595	8 567	2 580	1 568	25 458	1 333	1 486	1 109	2 314	5 725	
Transport equipment operatives														
	25	17	8	—	31	45	—	15	9	83	—	7	21	
Laborers, except farm														
	20	64	29	34	252	127	35	276	114	52	86	89	128	
Farm workers														
	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household														
Cleaning service workers	33	367	44	56	234	157	14	158	8	58	65	33	169	
Personal service workers	10	162	13	17	45	37	9	38	4	25	41	26	28	
Other service workers, including private household	5	27	6	39	128	120	—	89	4	13	10	7	81	

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

LOS ANGELES—LONG BEACH SMSA

	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communications	Utilities and sanitary services	Wholesale trade	Retail trade				Finance and real estate		
							General merchandise retailing	Food stores	Automotive dealers and gasoline stations	Enting and drinking places		Other retail trade	Insurance
Total employed	11 186	37 132	50 286	51 913	42 894	137 065	76 040	65 419	58 904	96 304	152 535	55 616	21 982
Professional, technical, and kindred workers	391	607	4 771	7 124	6 244	6 649	1 898	747	657	2 206	6 432	3 111	6 044
Accountants	108	278	454	305	482	1 646	493	228	298	159	479	973	2 504
Architects	—	—	17	15	15	15	12	4	—	11	5	12	57
Computer specialists	—	32	155	175	172	480	74	28	10	16	128	379	228
Engineers	57	408	408	2 372	2 372	1 684	64	26	63	12	166	234	—
Chemical	—	—	4	31	96	91	—	—	—	—	4	—	64
Civil	37	23	56	57	83	49	—	5	5	—	—	5	—
Electrical and electronic	12	12	26	203	83	175	15	11	16	12	23	5	23
Industrial	5	16	26	60	86	145	24	11	16	12	19	188	63
Mechanical	5	5	220	233	203	216	17	5	17	5	17	5	15
Other engineers	10	21	86	115	270	1 048	5	5	37	103	103	31	61
Mathematical specialists	4	6	12	15	27	32	17	5	5	7	7	173	27
Life and physical scientists	4	10	6	153	27	96	6	13	11	4	53	—	21
Chemists	4	6	5	153	10	96	6	13	11	—	35	—	9
Personal and labor relations workers	39	52	312	694	201	377	448	214	63	198	302	444	801
Social scientists	—	24	15	107	184	184	20	19	23	4	14	54	236
Engineering and science technicians	105	15	190	1 139	1 118	565	33	30	78	4	137	118	118
Professionals	5	—	13	166	197	197	28	14	25	4	80	59	83
Electrical and electronic engineering technicians	5	—	64	818	154	228	—	5	9	4	14	9	7
Industrial and mechanical engineering technicians	—	—	10	6	26	17	—	—	—	—	—	—	—
Technicians, except health and engineering and science	—	36	2 632	224	102	102	10	—	14	5	28	20	32
Writers, artists, and entertainers	33	47	293	1 902	253	785	481	72	26	1 757	1 016	247	509
Other professional, technical, and kindred workers	41	26	278	273	1 294	713	240	104	95	40	4 097	497	971
Managers and administrators, except farm	991	2 169	4 679	3 371	1 804	19 903	8 212	8 144	9 969	12 174	22 521	4 939	28 420
Buyers, purchasing agents, and sales managers	42	131	361	5 821	205	5 821	4 502	2 042	1 156	315	5 800	593	569
Other managers and administrators	949	2 038	4 318	3 322	1 599	14 080	3 762	6 102	8 813	11 859	16 721	4 346	27 851
Salaried	949	1 548	3 290	11 213	1 536	11 213	3 234	4 049	5 434	7 148	10 186	4 108	24 634
Self-employed	—	—	524	32	63	2 869	528	2 053	3 379	4 711	6 535	238	3 217
Sales workers	91	626	942	948	573	28 267	35 187	9 113	9 985	2 149	56 104	16 530	24 638
Clerical and kindred workers	2 645	6 636	12 317	25 280	10 710	35 925	18 869	16 507	6 444	6 194	27 979	30 034	54 580
Bookkeepers	132	804	790	293	863	2 090	1 424	1 165	2 440	1 165	5 399	2 290	6 142
Cashiers	140	132	94	247	155	334	3 261	10 807	10 807	3 791	4 830	1 69	843
Estimators and investigators, n.e.c.	161	166	240	156	669	458	1 054	89	190	56	362	865	1 992
Office machine operators	133	213	332	655	586	2 039	899	434	161	83	697	1 310	3 872
Shipping and receiving clerks	130	128	815	100	47	4 015	1 271	490	156	33	1 250	44	50
Stock clerks and storekeepers	130	243	363	300	354	1 997	1 796	1 223	339	89	1 859	90	234
Other clerical and kindred workers	1 902	3 930	9 683	22 029	8 036	21 044	8 498	2 040	2 740	977	13 362	25 266	41 447
Craftsmen and kindred workers	3 516	3 237	7 109	13 752	12 269	12 449	3 451	2 999	13 351	707	13 953	388	1 962
Blacksmiths, forgers, hammermen, and boilermakers	38	—	4	10	44	44	—	—	—	—	10	—	6
Brickmasons and stonemasons	—	5	—	18	18	—	—	—	—	—	10	—	—
Carpeners	69	33	40	124	142	198	83	3	57	25	314	8	174
Carpenters, derrickmen, and hoistmen	56	14	208	8	59	287	37	31	18	11	44	8	55
Electricians	298	26	241	71	816	161	—	—	—	—	28	—	28
Excavating, grading, and road machine operators	15	14	8	—	413	26	938	658	433	148	1 988	128	458
Foremen, n.e.c.	393	1 128	806	1 149	1 929	3 661	1 234	316	12 421	106	3 078	31	308
Mechanics and repairing body	20	1 623	5 129	567	2 861	4 061	1 243	11 819	11 819	32	3 078	5	24
Automobile, tractor, and machinery repairers	20	1 385	854	148	269	930	155	22	116	94	94	—	34
Machinists, job setters, and toolmakers	205	—	87	21	502	502	13	—	—	—	—	—	—
Metal craftsmen, except mechanics and machinists	73	55	161	3	14	228	49	30	6	46	64	34	352
Painters, construction and maintenance, and plasterers and paperhangers	43	63	89	34	125	205	21	21	21	—	182	61	61
Plumbers and pipe fitters	108	5	18	95	364	92	45	46	21	—	107	91	68
Printing craftsmen	—	5	18	52	31	161	24	19	4	—	17	14	147
Stationary engineers and power station operators	21	38	64	39	1 263	1 47	1 007	1 870	200	371	7 891	70	267
Other craftsmen and kindred workers	1 248	228	238	11 379	4 659	2 676	1 007	7 747	15 641	658	6 011	94	379
Operatives, except transport	313	745	2 178	342	1 685	12 201	1 727	7 747	15 641	658	6 011	17	26
Assemblers	—	17	39	64	55	1 069	46	—	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing	—	6	11	—	—	—	15	—	—	—	76	—	8
Filers, polishers, sanders, and buffers	—	—	—	4	—	—	—	—	—	—	27	—	—
Painters, manufactured articles	—	—	—	—	10	71	—	—	—	—	32	—	—
Precision machine operatives	—	4	—	—	21	21	—	—	—	—	5	—	—
Welders and flamecutters	135	60	14	14	227	633	11	9	36	5	110	39	9
Other specified operatives	57	430	1 026	106	613	7 001	1 413	7 100	14 912	180	4 678	16	120
Machine operatives, miscellaneous specified	12	48	25	42	129	1 046	84	277	69	180	223	37	98
Machine operatives, not specified	14	10	23	21	66	582	29	39	19	9	103	7	37
Miscellaneous operatives	73	152	906	87	494	1 238	108	223	84	23	281	4	72
Not specified operatives	24	11	35	4	70	235	17	90	33	16	150	6	9

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.)

	Retail trade										Finance and real estate		
	Railroads and railway express service	Trucking and warehousing	Other transportation	Communications	Utilities and sanitary services	Wholesale trade	General merchandise retailing	Food stores	Automotive dealers and gasoline stations	Eating and drinking places		Other retail trade	Insurance
Total employed—Continued													
Transport equipment operatives	1 786	18 176	8 202	142	3 743	12 443	959	2 229	1 143	1 309	5 382	63	
Deliverymen and roulemen	53	2 026	173	74	1 111	6 196	604	1 384	587	868	3 200	49	
Truck drivers	205	15 681	357	42	1 295	4 278	1 295	660	366	245	1 182	7	
Other transport equipment operatives	1 528	4 69	7 672	26	2 337	1 969	173	185	190	1 000	1 000	16	
Laborers, except farm	837	4 625	4 003	250	4 256	7 673	2 134	15 219	1 160	981	5 199	60	
Freight, stock, and material handlers	394	3 241	3 241	176	1 151	5 968	2 033	14 843	174	136	2 954	20	
Other specified laborers	74	4 115	565	41	2 218	763	20	137	865	1 657	1 657	25	
Miscellaneous laborers	247	15	29	33	570	501	31	6	23	6	232	10	
Not specified laborers	122	170	168	33	317	501	50	233	96	99	356	5	
Farm workers													
Service workers, including private household	611	311	6 085	504	1 590	1 535	3 403	2 714	544	70 626	9 654	397	
Cleaning service workers	229	184	823	199	582	1 062	1 062	1 137	455	911	911	216	
Personal service workers	32	4 736	109	109	33	167	506	26	14	561	463	24	
Guards and watchmen	51	56	137	49	203	113	374	66	6	77	123	61	
Other service workers, including private household	203	29	819	147	770	382	1 661	1 485	69	68 847	8 157	96	
Female employed	1 007	4 156	14 018	26 226	8 077	36 948	51 402	19 691	6 412	46 452	66 999	29 365	
Professionals, technical, and kindred workers	50	129	440	1 333	521	1 437	1 202	178	178	614	1 471	1 015	
Computer specialists	20	94	174	51	89	656	312	10	10	76	37	372	
Life and physical scientists		3	14		26	190	24				5	110	
Registered nurses, dietitians, and therapists	20	5		45	35	12	11	10		11	26	63	
Social scientists		5		33	3	33	11	6	6	479	379	100	
Writers, artists, and entertainers		5	53	337	323	270	301	13	4	140	140	140	
Other professional, technical, and kindred workers	10	22	199	734	353	313	540	59	15	48	813	364	
Managers and administrators, except farm	17	223	1 088	822	161	2 064	3 197	1 043	407	2 771	5 765	984	
Salaried	17	179	164	822	151	1 824	3 028	532	328	1 485	3 742	958	
Self-employed		44	164		10	372	169	511	79	1 286	2 023	26	
Sales workers	4	59	291	304	119	2 677	27 405	4 375	279	909	28 076	2 702	
Clerical and kindred workers	789	3 233	6 612	22 741	6 268	24 690	15 211	10 074	4 966	5 025	21 312	24 353	
Bookkeepers	55	590	615	738	492	5 057	1 907	1 251	2 028	3 734	4 697	5 173	
Cashiers	15	77	46	242	147	256	2 945	6 940	380	3 160	4 185	2 058	
Counter clerks, except food	29	31	24	312	60	822	486	149	22	182	182	156	
File clerks	65	118	105	644	146	796	55	35	181	23	402	36	
Bookkeeping and billing machine operators		152	202	565	390	1 725	721	364	177	73	1 019	2 027	
Receptionists		38	9	16	18	278	96	18	44	15	102	3 010	
Secretaries	206	780	1 320	1 288	65	582	1 320	25	120	56	383	1 228	
stenographers	61	34	31	113	214	6 919	34	6	818	336	2 883	573	
Typists	287	1 004	3 497	1 519	810	2 041	6 079	104	22	69	6 546	9 880	
Other clerical and kindred workers		63	121	599	3 015	6 370	6 079	761	1 040	277	7 052	4 124	
Foremen, n.e.c.	32	38	32	191	112	297	656	406	156	135	1 540	186	
Operatives, except transport	4	100	94	164	95	4 126	1 258	1 520	251	305	2 785	189	
Checkers, examiners, and inspectors; manufacturing		5	18	51	18	532	29	5	6	9	143	12	
Packers and wrappers, except meat and produce	4	64	42	7	7	1 531	577	270	19	184	316	—	
Other operatives, except transport		31	34	113	70	2 063	652	1 245	226	112	2 326	43	
Transport equipment operatives	8	224	1 069	11	193	191	50	39	46	87	153	—	
Laborers, except farm	21	86	140	18	20	623	450	1 071	38	48	819	—	
Farm workers													
Service workers, including private household	82	29	4 163	234	471	361	1 973	985	91	36 568	5 078	1 304	
Cleaning service workers	50	14	3 703	75	28	83	211	33	33	205	162	74	
Personal service workers		4	350	122	396	143	426	20	10	180	369	196	
Other service workers, including private household	32	4					1 336	932	43	36 183	4 547	315	

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	LOS ANGELES—LONG BEACH SMSA											
	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 organizations	Other professional and related services	Public administration
Total employed.....	86 626	52 194	18 761	98 673	54 528	95 023	63 926	144 158	50 057	44 405	91 689	133 488
Professional, technical, and kindred workers.....	19 699	1 768	888	3 673	17 773	36 939	27 327	85 532	28 728	19 023	50 148	21 250
Accountants.....	1 781	138	238	123	549	378	153	387	378	356	9 062	3 026
Architects.....	23	—	—	22	126	—	—	30	10	79	1 988	10
Computer specialists.....	3 013	51	—	—	154	174	27	308	302	476	964	476
Engineers.....	2 873	143	23	37	327	92	144	152	292	156	5 563	3 563
Chemical.....	45	—	—	—	—	—	—	5	—	—	161	23
Civil.....	87	—	—	—	5	—	—	—	—	—	1 692	1
Electrical and electronic.....	710	29	—	—	182	22	10	41	15	22	1 394	1
Industrial.....	695	17	—	—	111	11	—	377	92	37	987	1
Mechanical.....	1 221	16	—	—	23	—	14	29	36	97	290	456
Other engineers.....	1 115	81	4	14	81	49	113	15	38	16	730	161
Mathematical specialists.....	117	6	—	—	8	—	—	—	—	—	1 931	854
Life and physical scientists.....	521	—	—	—	34	31	25	30	12	18	132	94
Chemists.....	296	—	—	—	397	397	261	299	10	10	671	378
Personnel and labor relations workers.....	2 305	51	20	40	171	305	126	128	109	5	195	131
Social scientists.....	842	13	5	—	171	433	68	433	113	262	1 986	1 986
Engineering and science technicians.....	1 862	115	—	80	725	187	187	498	92	78	552	567
Draftsmen.....	514	59	—	—	83	23	43	64	20	55	3 327	1 602
Electrical and electronic engineering technicians.....	428	86	—	4	527	27	4	154	84	232	2 299	2 299
Industrial and mechanical engineering technicians.....	70	—	—	—	10	6	—	11	—	—	23	11
Technicians, except health, and engineering and science.....	164	84	302	202	277	29	55	109	125	64	1 337	1 562
Writers, artists, and entertainers.....	4 503	150	—	—	11 282	218	126	543	662	1 581	5 679	6 985
Other professional, technical, and kindred workers.....	1 695	1 024	295	1 099	4 201	34 816	26 248	81 920	26 270	16 324	21 960	6 985
Managers and administrators, except farm.....	9 749	4 230	3 542	4 757	6 410	2 528	2 211	6 221	3 193	4 216	3 556	11 229
Buyers, purchasing agents, and sales managers.....	808	206	80	174	760	151	151	151	92	92	1 382	1 382
Other managers and administrators.....	8 941	4 024	3 462	4 583	6 250	2 354	2 188	6 140	3 080	4 124	3 405	10 847
Salaried.....	6 781	2 555	2 473	2 500	5 149	2 280	1 702	6 140	2 715	4 076	3 012	10 847
Self-employed.....	2 160	1 469	989	2 083	1 101	74	486	—	365	48	393	—
Sales workers.....	3 811	1 034	190	1 482	1 415	127	85	143	343	452	760	218
Clerical and kindred workers.....	25 853	1 107	3 214	7 914	9 378	15 934	13 307	26 602	9 341	13 634	26 340	56 257
Bookkeepers.....	2 289	127	541	817	937	1 024	424	1 067	574	1 005	3 602	1 445
Cashiers.....	203	403	318	338	1 562	373	61	537	139	140	1 445	1 445
Estimators and investigators, n.e.c.....	874	95	39	48	86	66	61	55	50	203	136	1 166
Office machine operators.....	2 874	104	39	113	287	496	98	570	317	193	1 420	1 910
Shipping and receiving clerks.....	2 824	99	—	—	109	18	18	111	41	83	55	185
Stock clerks and storekeepers.....	403	176	45	84	129	475	66	487	84	84	90	90
Other clerical and kindred workers.....	19 337	4 993	2 190	6 457	6 165	13 481	11 619	23 766	8 004	11 947	20 967	50 921
Craftsmen and kindred workers.....	6 386	24 966	561	2 746	4 237	2 208	2 195	3 693	1 083	956	1 796	7 332
Blacksmiths, farriers, harnessmen, and boilermakers.....	4	130	—	—	10	5	—	—	—	—	—	10
Brickmasons and stonemasons.....	6	13	—	4	4	5	—	—	—	16	—	10
Carpenters.....	163	83	57	54	390	197	36	492	82	190	33	376
Crimenmen, derrickmen, and hoistmen.....	127	5	—	—	29	—	—	—	8	—	—	—
Electricians.....	143	198	56	—	360	187	7	316	122	59	46	553
Excavating, grading, and road machine operators.....	132	5	—	—	26	11	—	—	—	19	14	179
Foreman, n.e.c.....	839	631	56	357	566	195	91	267	96	150	250	1 149
Mechanics and repairmen.....	2 116	19 210	122	358	704	419	873	873	243	93	309	2 694
Automobile, including body.....	140	11 978	74	—	74	23	17	218	50	20	6	941
Mechanists, job setters, and toolmakers.....	181	216	—	40	180	11	12	66	47	—	149	146
Metal craftsmen, except machinists.....	55	28	5	15	55	37	9	79	8	22	51	152
Painters, construction and maintenance, and plasterers and paperhangers.....	206	222	95	150	250	255	18	441	103	113	38	488
Plumbers and pipe fitters.....	198	78	29	130	65	160	13	280	44	43	18	320
Printing craftsmen.....	257	10	43	63	45	105	16	109	109	86	81	128
Stationary engineers and power station operators.....	1 115	13	82	43	20	435	1	114	34	140	48	180
Other craftsmen and kindred workers.....	1 844	4 124	1 649	1 554	1 554	268	1 900	621	174	140	759	887
Operators, except transport.....	4 780	5 085	293	13 043	2 578	1 340	418	627	202	504	1 190	1 381
Assemblers.....	4 266	103	9	41	57	—	51	15	13	39	51	—
Checkers, examiners, and inspectors; manufacturing.....	—	—	—	—	—	—	—	—	—	—	—	—
Filers, polishers, sanders, and buffers.....	16	122	7	—	20	—	10	4	—	—	13	5
Painters, manufactured articles.....	34	972	—	12	23	5	—	—	—	—	—	18
Precision machine operatives.....	116	330	—	20	33	18	—	24	14	4	44	32
Welders and flamecutters.....	2 559	1 252	232	12 710	2 336	1 136	270	28	74	14	81	187
Other specified operatives.....	283	240	15	153	44	36	14	105	109	86	73	724
Machine operatives, miscellaneous specified.....	182	93	5	14	21	5	5	65	13	33	61	61
Miscellaneous operatives.....	1 250	290	15	46	136	112	3	242	13	134	78	78
Not specified operatives.....	50	89	10	67	15	5	3	19	11	8	19	29

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

LOS ANGELES—LONG BEACH SMSA—Continued

Total employed—Continued

Occupation	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 organizations	Other professional and related services	Public administration
Delivermen and roulemen	1 564	3 198	183	2 232	961	320	299	555	126	272	255	1 308
Truck drivers	7 720	2 233	16	1 615	77	90	210	8 454	34	39	38	1 116
Other transport equipment operatives	620	802	10	215	289	148	42	231	43	157	56	853
	1 951	2 711	303	2 671	2 736	685	160	1 838	574	523	619	4 705
Laborers, except farm	348	87	27	370	893	287	246	246	45	157	24	1 961
Other specified laborers	197	2 313	214	1 780	1 501	317	134	1 513	494	284	532	2 569
Miscellaneous laborers	923	142	—	19	88	9	—	15	4	11	4	24
Not specified laborers	483	189	62	502	234	72	26	64	31	71	59	151
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	12 833	2 094	9 587	60 135	9 139	34 922	17 914	18 877	6 467	4 825	7 085	29 788
Cleaning service workers	7 712	372	3 768	765	1 409	5 163	1 555	8 454	2 246	2 189	340	3 251
Personal service workers	3 800	139	2 457	24 121	3 800	594	393	4 930	1 587	1 422	1 640	2 741
Guards and watchmen	3 699	29	78	27	599	225	35	4 304	1 187	76	172	1 516
Other service workers, including private household	1 014	1 554	3 284	35 222	3 331	28 940	15 931	5 989	2 447	1 138	6 412	24 280
Female employed	33 511	8 149	9 933	68 469	16 542	71 097	42 360	90 194	30 486	24 530	41 815	40 938
Professionals, technical, and kindred workers	4 869	338	315	1 327	4 204	28 064	11 563	53 674	17 518	8 705	11 735	5 386
Accountants	691	45	78	76	157	73	13	101	67	158	190	143
Computer specialists	571	—	—	—	36	61	13	72	59	8	30	30
Life and physical scientists	68	—	—	—	—	236	61	100	61	—	105	258
Registered nurses, dietitians, and therapists	307	5	16	517	43	100	77	21 572	244	249	190	92
Social scientists	74	6	—	5	—	127	71	335	136	29	136	200
Writers, artists, and entertainers	1 155	48	99	392	2 467	133	51	307	205	757	1 335	3 870
Other professional, technical, and kindred workers	2 003	234	122	337	1 501	5 737	3 569	51 412	16 811	7 506	8 099	3 870
Managers and administrators, except farm	1 846	511	1 441	1 262	878	1 166	1 255	2 725	1 547	1 124	855	2 009
Salaried	1 370	345	1 035	655	710	1 433	953	2 725	1 325	1 109	752	2 009
Self-employed	476	166	406	607	168	23	302	—	222	15	103	—
Sales workers	937	221	89	730	742	75	52	120	121	174	305	63
Clerical and kindred workers	20 532	5 302	2 098	7 029	6 929	14 221	12 822	23 111	7 593	11 929	23 281	30 073
Bookkeepers	1 999	677	337	969	769	942	1 338	382	489	882	2 938	1 122
Cashiers	1 38	276	254	315	1 052	295	21	494	181	112	35	371
Counter clerks, except food	100	271	328	430	86	18	66	66	17	32	12	23
File clerks	665	102	16	64	137	631	332	736	202	358	344	1 038
Office machine operators	1 690	82	22	92	184	384	81	397	191	139	875	1 037
Bookkeeping and billing machine operators	75	4	—	26	9	112	22	21	21	9	66	85
Receptionists	615	134	57	775	195	2 014	3 526	302	314	462	406	492
Secretaries	6 438	1 018	328	758	2 930	3 275	5 056	5 693	3 113	4 648	10 406	4 545
Stenographers	4	4	14	6	41	250	99	275	36	136	706	1 438
Typists	2 947	218	102	288	351	1 925	922	4 823	1 009	2 847	1 373	6 098
Other clerical and kindred workers	5 718	2 228	640	1 624	1 184	4 487	1 447	9 342	2 021	2 013	6 451	14 091
Craftsmen and kindred workers	601	482	51	531	143	125	379	309	71	99	136	180
Foremen, n.e.c.	144	17	9	126	59	36	13	11	16	76	24	86
Operatives, except transport	1 627	579	151	8 282	623	725	233	163	84	241	452	149
Assemblers	176	30	4	36	11	—	22	10	6	24	104	40
Checkers, examiners, and inspectors; manufacturing	—	—	—	—	—	—	—	—	—	—	—	—
Packers and wrappers, except meat and produce	295	27	—	94	—	27	12	—	—	—	—	12
Other operatives, except transport	1 156	522	147	8 152	612	698	199	148	69	189	338	97
Transport equipment operatives	125	106	5	112	22	12	74	43	30	32	11	8
Laborers, except farm	160	92	35	416	61	202	—	40	32	16	48	287
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	2 814	518	5 748	48 780	2 940	26 507	15 982	10 009	3 490	2 210	4 992	2 803
Cleaning service workers	2 070	84	2 757	318	138	2 457	871	1 039	531	512	176	284
Personal service workers	298	73	1 805	15 933	1 546	23 679	350	1 291	1 668	1 097	1 170	303
Other service workers, including private household	446	361	1 186	32 529	—	—	14 761	5 470	—	611	4 754	2 216

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.]

Occupation	Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing								
					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		
												Total	Durable goods
OXNARD-VENTURA SMSA													
Total employed	131 901	8 568	2 227	8 936	23 391	466	177	165	519	2 873	4 896		
Professional, technical, and kindred workers	24 817	221	344	264	4 868	37	24	—	78	539	1 463		
Accountants	10	—	—	9	222	—	—	—	6	31	41		
Architects	167	—	—	—	—	—	—	—	—	—	—		
Computer specialists	564	—	—	—	151	—	—	—	—	—	—		
Engineers	4 830	4	161	—	2 283	27	10	—	41	272	42		
Chemical	78	—	—	—	56	—	—	—	—	—	—		
Civil	446	—	—	—	17	—	—	—	—	—	—		
Electrical and electronic	1 674	—	15	92	766	6	—	—	5	63	452		
Industrial	519	—	28	10	316	8	4	—	4	31	76		
Mechanical	522	—	7	10	286	8	4	—	4	78	72		
Other engineers	1 591	4	106	14	842	5	6	—	32	100	123		
Mathematical specialists	137	—	—	—	10	—	—	—	—	—	—		
Life and physical scientists	448	13	—	9	124	—	5	—	—	6	—		
Chemists	171	—	—	—	66	—	—	—	—	—	—		
Personnel and labor relations workers	928	5	6	4	156	—	5	—	6	20	51		
Social scientists	51	—	—	—	5	—	—	—	—	5	12		
Engineering and science technicians	2 480	6	—	—	815	—	5	—	11	91	336		
Draftsmen	491	4	—	84	17	—	—	—	—	29	59		
Electrical and electronic engineering technicians	1 010	—	—	17	358	—	—	—	5	46	202		
Industrial and mechanical engineering technicians	85	—	—	6	34	—	—	—	—	6	5		
Technicians, except health, and engineering and science	887	16	—	—	34	—	—	—	—	27	121		
Writers, artists, and entertainers	1 624	11	—	—	513	—	—	—	—	—	—		
Other professional, technical, and kindred workers	12 041	113	20	25	503	4	4	—	14	11	179		
Managers and administrators, except farm	12 321	88	252	935	1 966	25	8	5	40	168	465		
Buyers, purchasing agents, and sales managers	1 525	5	38	25	432	6	4	—	4	46	82		
Other managers and administrators	10 796	83	214	910	1 534	19	4	5	40	122	383		
Salaries	8 555	48	193	619	1 392	26	4	—	37	96	374		
Self-employed	2 241	35	21	291	142	—	—	—	3	24	9		
Sales workers	9 610	41	26	40	1 008	10	5	4	41	133	81		
Chemical and kindred workers	21 222	192	158	463	2 948	37	10	14	63	319	592		
Bookkeepers	2 634	65	15	126	279	26	8	—	22	20	48		
Cashiers	1 453	18	—	5	28	—	—	—	—	11	—		
Estimate and investigators, n.e.c.	357	4	—	51	82	—	—	—	—	—	—		
Office machine operators	838	4	—	12	218	6	—	—	—	12	29		
Shingle and paper mill workers	88	—	—	9	186	—	—	—	—	30	28		
Shoe and leather workers	787	6	—	—	181	—	—	—	6	38	19		
Stock clerks and order clerks	14 449	94	114	265	1 970	4	5	14	24	194	420		
Other clerical and kindred workers	18 183	243	570	1 080	4 100	84	51	76	76	550	529		
Craftsman and kindred workers	84	—	5	—	45	—	—	—	—	5	—		
Blacksmiths, forgers, hammermen, and boiler-makers	99	—	—	89	—	—	—	—	—	—	—		
Brickmasons and stonemasons	1 420	41	—	104	16	—	—	—	11	—	—		
Carpenters	203	—	15	14	76	5	—	—	—	12	4		
Cranemen, derrickmen, and hoistmen	169	5	—	499	34	—	—	—	—	—	—		
Electricians	776	31	44	11	1 109	5	—	—	—	—	15		
Excavating, grading, and road machine operators	2 798	78	134	399	404	—	—	—	—	—	—		
Foremen, n.e.c.	4 639	65	144	153	1 109	31	14	12	18	101	272		
Mechanics and repairmen	1 718	13	16	12	801	23	—	—	15	17	71		
Automobile, including body	910	—	22	—	744	—	—	—	5	5	5		
Machinists, job setters, and toolmakers	368	—	—	—	141	—	—	—	5	246	98		
Metal craftsmen, except mechanics and machinists	931	10	5	—	678	—	—	—	21	24	31		
Painters, construction and maintenance, and plasterers and paperhangers	407	4	—	—	50	—	—	—	—	4	—		
Plumbers and pipe fitters	487	—	—	—	448	—	—	—	—	16	—		
Printing craftsmen	375	—	—	—	339	—	—	—	—	5	—		
Stationary engineers and power station operators	3 588	9	107	16	85	—	—	—	—	10	15		
Other craftsmen and kindred workers	13 928	264	714	926	401	60	16	—	6	6	12		
Operatives, except transport	2 229	11	—	—	58	53	70	62	199	1 098	1 679		
Assemblers	1 226	—	—	—	1 638	22	6	9	13	349	655		
Checkers, examiners, and inspectors; manufacturing	154	—	—	—	226	4	5	9	16	308	338		
Filters, polishers, sanders, and buffers	171	—	—	—	49	—	—	—	5	4	—		
Pressers, machinists, and trimmers	451	—	—	—	84	—	—	—	8	—	—		
Precisemen, machinists, and toolmakers	788	—	—	—	410	—	—	—	5	—	—		
Welders and flamecutters	6 953	14	39	123	352	—	—	—	8	—	—		
Other specified operatives	1 174	34	675	376	1 868	20	9	5	51	92	145		
Machine operatives, miscellaneous specified	430	—	—	—	18	—	—	—	44	40	208		
Machine operatives, not specified	633	—	—	—	386	5	5	15	37	61	146		
Miscellaneous operatives	229	42	—	19	309	4	4	—	5	60	43		
Not specified operatives	—	—	—	—	171	—	—	—	7	26	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

OXNARD-VENTURA SMSA - Continued

Total employed - Continued

	Manufacturing									
	Durable goods					Total	Mining	Construc- tion	Agriculture, forestry, and fisheries	Persons 16 years old and over
	Furniture, lumber, and wood products	Stone, clay, and glass products	Primary ferrous industries	Primary nonferrous industries	Fabricated metal industries, including not specified metal					
Transport equipment operatives	7	109	-	-	7	535	147	271	178	3 990
Deliverymen and route men	7	94	-	-	7	174	5	15	25	1 095
Truck drivers	7	97	-	-	7	237	252	126	126	2 050
Other transport equipment operatives	-	8	-	-	-	124	14	27	27	845
Laborers, except farm	7	3	5	4	15	394	61	1 221	520	5 336
Freight, stock, and material handlers	9	-	-	-	9	192	23	5	15	1 773
Other specified laborers	7	-	-	-	7	77	1 216	20	490	3 005
Miscellaneous laborers	-	3	5	4	6	29	8	167	15	1 677
Not specified laborers	-	-	-	-	-	96	-	10	-	391
Farm workers	-	-	-	-	-	-	-	-	6 722	6 722
Service workers, including private household	-	5	4	-	-	323	94	5	99	15 762
Personal service workers	-	5	-	-	-	180	40	5	40	2 865
Guards and watchmen	-	-	4	-	-	9	11	-	5	1 949
Other service workers, including private household	-	-	-	-	-	55	23	-	54	416
Not specified laborers	-	-	-	-	-	79	-	-	-	10 532
Female employed	54	60	41	29	55	6 409	437	121	1 553	46 049
Professional, technical, and kindred workers	-	-	-	-	-	339	16	12	31	7 952
Accountants	-	-	-	-	-	54	4	-	4	298
Computer specialists	-	-	-	-	-	23	-	-	-	89
Life and physical scientists	-	-	-	-	-	5	-	-	-	53
Registered nurses, dietitians, and therapists	-	-	-	-	-	8	-	-	-	505
Social scientists	-	-	-	-	-	5	-	-	-	58
Writers, artists, and entertainers	-	-	-	-	-	90	6	6	17	474
Other professional, technical, and kindred workers	-	-	-	-	-	154	12	6	10	5 535
Managers and administrators, except farm	-	-	-	-	-	141	11	11	18	2 111
Soldiers	-	-	-	-	-	112	9	11	9	1 636
Self-employed	-	-	-	-	-	29	-	-	9	475
Sales workers	-	-	-	-	-	97	-	-	9	3 588
Clerical and kindred workers	36	26	5	14	17	1 789	289	101	145	15 874
Bookkeepers	26	3	-	-	4	183	96	9	60	2 162
Cashiers	-	-	-	-	-	23	5	-	11	202
Counter clerks, except food	-	-	-	-	-	68	3	3	-	118
Off-machine operators	6	-	-	-	-	122	7	7	-	312
Off-machine operators	6	-	-	-	-	13	11	11	-	602
Bookkeeping and billing machine operators	-	-	-	-	-	13	-	-	-	123
Receptionists	-	-	-	-	-	31	-	-	14	531
Secretaries	4	5	5	9	8	655	75	59	20	3 969
Typists	-	-	-	-	-	12	141	12	6	1 699
Other clerical and kindred workers	-	13	-	-	5	177	29	19	34	5 135
Foremen, n.e.c.	5	-	-	-	-	518	83	4	19	878
Craftsmen and kindred workers	-	-	-	-	-	125	5	4	15	251
Operatives, except transport	13	34	31	15	31	3 623	7	4	132	5 741
Assemblers	-	-	5	-	4	1 664	4	-	5	1 626
Checkers, examiners, and inspectors; manufacturing	-	15	-	-	-	613	-	-	-	613
Packers and wrappers, except meat and produce	-	4	-	-	-	239	-	-	86	419
Other operatives, except transport	13	9	26	15	27	1 607	3	3	41	3 083
Transport equipment operatives	-	-	-	-	-	10	-	4	-	181
Laborers, except farm	-	-	5	-	-	61	20	-	47	344
Farm workers	-	-	-	-	-	-	-	-	1 126	1 126
Service workers, including private household	-	-	-	-	-	15	11	-	26	8 254
Personal service workers	-	-	-	-	-	5	-	-	10	576
Other service workers, including private household	-	-	-	-	-	10	-	-	16	1 339
Not specified laborers	-	-	-	-	-	10	-	-	-	6 339

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.)

	Manufacturing—Continued											
	Durable goods—Continued					Nondurable goods						
	Air- craft 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 miscel- laneous plastic products	Other nondurable goods, incl. not specified manufacturing
OXNARD—VENTURA SMSA												
Total employed	3 828	260	1 105	1 433	1 823	49	577	574	1 431	688	896	888
Accountants	1 272	37	396	289	71	—	18	83	215	102	90	109
Architects	50	8	15	10	20	—	—	14	5	11	—	11
Computer specialists	—	—	—	—	—	—	—	—	—	—	—	—
Engineers	38	—	6	10	—	—	—	—	—	—	—	—
Chemical	694	15	274	86	25	—	9	33	—	47	16	32
Civil	5	—	9	—	—	—	—	6	—	26	—	—
Electrical and electronic	11	—	—	—	—	—	—	—	—	—	—	—
Industrial	132	9	71	18	5	—	—	—	—	—	—	—
Mechanical	11	—	30	16	4	—	9	16	—	13	—	3
Other engineers	85	—	22	23	6	—	—	—	—	—	—	6
Mathematical specialists	376	6	82	29	10	—	—	11	—	8	—	23
Life and physical scientists	5	—	5	—	—	—	—	—	—	—	—	—
Chemists	39	—	21	—	12	—	—	5	—	9	—	21
Personnel and labor relations workers	18	—	16	—	7	—	—	5	—	9	—	—
Social scientists	28	—	4	12	—	—	—	12	8	15	—	—
Engineering and science technicians	20	—	4	9	—	—	—	5	—	—	—	—
Draftsmen	155	3	76	26	14	—	9	14	—	25	—	10
Electrical and electronic engineering technicians	30	—	11	10	—	—	—	—	—	4	—	5
Industrial and mechanical engineering technicians	57	3	35	10	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	21	—	10	—	—	—	—	8	—	—	—	—
Other professional, technical, and kindred workers	16	—	30	31	—	—	—	—	202	10	—	5
Managers and administrators, except farm	157	5	15	—	—	—	—	—	—	—	—	—
Buyers, purchasing agents, and sales managers	315	16	119	137	98	3	20	62	185	97	69	69
Other managers and administrators	9	—	14	33	10	—	—	27	42	22	15	6
Salaried	237	16	103	104	76	3	10	35	136	55	54	63
Self-employed	5	—	103	85	76	—	—	35	95	49	40	59
Sales workers	9	—	19	19	—	3	—	—	41	6	14	4
Clerical and kindred workers	14	6	4	104	120	8	28	9	224	115	30	41
Bookkeepers	620	21	136	195	180	—	37	114	317	79	56	84
Cashiers	20	5	—	14	30	—	—	5	40	9	10	16
Estimators and investigators, n.e.c.	—	—	—	—	—	—	—	—	17	—	—	—
Office machine operators	5	—	5	4	6	—	—	—	—	5	—	—
Shipping and receiving clerks	26	—	6	6	28	—	4	20	23	5	—	—
Stock clerks and storekeepers	10	4	10	—	—	—	—	6	9	7	—	—
Other clerical and kindred workers	15	12	121	171	116	—	33	50	201	45	24	63
Craftsmen and kindred workers	146	114	205	230	271	—	28	102	362	89	179	161
Blacksmiths, farriers, hammermen, and boilermakers	—	—	—	5	—	—	—	—	—	—	—	—
Brickmasons and stonemasons	7	—	—	—	4	—	—	—	—	—	16	—
Carpenters	20	—	4	6	21	—	—	17	—	—	14	12
Croftmen, derrickmen, and hoistmen	42	20	—	—	—	—	—	—	—	—	—	—
Electricians	130	5	113	36	85	—	9	26	63	43	59	24
Excavating, grading, and road machine operators	228	—	39	26	79	—	8	30	8	26	37	20
Foremen, n.e.c.	4	—	—	—	6	—	—	—	—	—	—	—
Mechanics and repairmen	242	6	39	17	26	—	—	5	7	5	19	—
Automobile, including body	—	—	—	—	—	—	—	—	—	—	—	—
Machinists, job setters, and toolmakers	42	4	4	4	—	—	—	—	—	—	6	—
Metal craftsmen, except mechanics and machinists	11	6	—	—	5	—	—	—	—	6	—	—
Painters, construction and maintenance, and plasterers and paperhangers	5	9	—	—	—	—	—	8	—	4	—	—
Plumbers and pipe fitters	8	—	—	—	4	—	—	16	280	—	—	—
Printing craftsmen	5	—	—	—	—	—	—	—	—	—	—	—
Stationary engineers and power station operators	5	10	6	125	47	—	14	—	—	5	7	29
Other craftsmen and kindred workers	4	18	6	—	—	—	—	—	—	—	—	60
Operators, except transport	755	37	203	376	721	32	446	140	86	165	445	322
Assemblers	110	30	50	78	5	6	40	5	5	26	115	103
Checkers, examiners, and inspectors; manufacturing	13	—	66	5	32	—	—	14	11	6	67	—
Filers, polishers, sanders, and buffers	17	—	7	—	—	—	—	—	—	—	—	—
Painters, manufactured articles	13	—	—	—	—	—	—	—	—	—	—	—
Precision machine operators	96	—	—	9	10	—	—	5	—	5	10	—
Welders and flamecutters	55	—	—	—	6	—	—	—	—	—	—	—
Other specified operatives	14	—	33	108	467	22	375	37	19	13	21	166
Machine operatives, miscellaneous specified	5	5	18	10	99	—	6	26	39	51	107	31
Machine operatives, not specified	6	17	5	37	28	—	9	32	12	38	56	17
Miscellaneous operatives	45	—	6	11	14	—	16	11	—	9	44	—
Not specified operatives	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)

	Manufacturing—Continued												
	Durable goods—Continued					Non-durable 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
OXNARD-VENTURA SMSA — Continued													
Total employed — Continued													
Transport equipment operatives	5	25	5	4	14	197	6	—	31	32	29	—	45
Deliverymen and routemen	—	4	—	—	5	132	—	—	16	16	—	—	26
Truck drivers	—	4	—	—	4	28	6	—	16	16	25	—	19
Other transport equipment operatives	5	17	5	4	5	37	—	—	9	4	4	—	—
Labors, except farm													
Freight, stock, and material handlers	—	20	19	6	35	123	—	—	33	4	12	17	31
Other specified laborers	—	2	—	—	4	98	—	—	19	4	12	17	16
Miscellaneous laborers	—	10	—	—	31	—	—	—	6	—	—	—	—
Not specified laborers	—	8	14	6	—	10	—	—	8	—	—	—	15
farm workers													
Service workers, including private household	—	—	—	—	—	—	—	—	—	—	—	—	—
Cleaning service workers	4	63	5	32	43	42	—	—	—	5	—	10	26
Personal service workers	—	34	5	14	12	42	—	—	—	5	—	5	8
Garage and auto mechanics	4	—	—	5	—	—	—	—	—	—	—	—	—
Other service workers, including private household	—	19	—	7	—	—	—	—	—	—	—	—	—
Other service workers, including private household	—	10	—	6	31	—	—	—	—	—	—	5	18
Female employed													
Professional, technical, and kindred workers	—	577	36	229	404	602	15	510	89	506	136	343	301
Accountants	—	51	—	28	5	5	—	18	8	71	23	17	—
Computer specialists	—	13	—	—	5	—	—	—	—	—	11	—	—
Life and physical scientists	—	8	—	6	—	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	—	5	—	5	—	—	—	—	—	—	—	—	—
Social scientists	—	5	—	—	—	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	—	8	—	5	—	—	—	—	—	71	—	—	—
Other professional, technical, and kindred workers	—	17	—	12	—	5	—	18	8	—	12	17	—
Managers and administrators, except farm													
Salaried	6	—	—	—	5	6	3	10	—	49	7	—	10
Self-employed	6	—	—	—	5	6	3	10	—	34	7	—	10
Sales workers													
Clerical and kindred workers	5	350	17	98	126	141	—	24	62	232	54	29	58
Bookkeepers	—	9	5	—	10	20	—	—	5	29	9	10	11
Cashiers	—	—	—	—	—	—	—	—	—	17	—	—	—
Counter clerks, except food	—	—	—	—	—	—	—	—	—	—	—	—	—
Office clerks	—	8	6	10	10	—	—	—	—	—	—	—	—
Office machine operators	—	44	—	—	4	—	—	—	7	28	5	—	—
Bookkeeping and billing machine operators	—	9	—	—	4	—	—	—	—	—	5	—	—
Receptionists	—	174	6	58	13	27	—	4	27	38	30	5	26
Secretaries	—	—	—	5	—	—	—	—	—	—	—	—	7
Stenographers	—	34	—	10	10	—	—	—	7	34	4	8	—
Typists	—	72	—	15	79	78	—	20	16	86	6	6	14
Other clerical and kindred workers	5	—	—	—	—	—	—	—	—	—	—	—	—
Craftsmen and kindred workers													
Foremen, n.e.c.	8	32	—	12	36	34	—	10	—	65	6	32	26
Other craftsmen and kindred workers	4	—	—	6	15	34	—	5	—	10	—	5	—
Operatives, except transport													
Assemblers	5	139	10	80	196	410	6	441	19	37	41	240	196
Checkers, examiners, and inspectors; manufacturing	—	5	5	28	73	32	6	40	5	5	26	88	44
Packers and wrappers, except meat and produce	—	12	—	25	10	17	—	—	10	11	—	10	—
Other operatives, except transport	—	62	5	17	113	207	—	401	—	21	15	106	152
Transport equipment operatives													
Labors, except farm	—	5	9	6	16	—	—	—	—	4	—	—	—
Form workers													
Service workers, including private household	—	—	—	—	—	—	—	—	—	—	—	—	—
Cleaning service workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Personal service workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Other service workers, including private household	—	—	—	—	—	—	—	—	—	—	—	—	—

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

OXNARD-VENTURA SMSA

Occupation	Total employed	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communitations	Utilities and sanitary services	Wholesale trade	Retail trade				Insurance	Finance and real estate
								General merchandise retailing	Food stores	Automotive dealers and gasoline stations	Eating and drinking places		
Professians, technical, and kindred workers	193	1 308	1 519	2 062	1 948	6 354	3 934	3 208	3 476	4 422	6 632	1 710	4 017
Accountants	—	25	606	261	160	454	86	4	26	49	230	83	79
Architects	—	5	—	11	5	40	10	—	11	13	16	23	16
Computer specialists	—	—	—	—	—	—	—	—	—	—	—	—	—
Engineers	—	—	—	15	4	39	21	—	—	—	5	9	5
Chemical	—	—	25	84	42	163	—	—	5	—	7	4	18
Civil	—	—	—	—	—	—	—	—	—	—	—	—	—
Electrical and electronic	—	—	—	84	13	67	—	—	—	—	7	4	12
Industrial	—	—	—	—	19	23	—	—	—	—	—	—	—
Mechanical	—	—	15	—	5	—	—	—	—	—	—	—	—
Other engineers	—	—	10	—	5	66	—	—	5	—	—	—	6
Mathematical specialists	—	—	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists	—	—	—	—	—	—	—	—	—	—	—	—	—
Chemists	—	—	—	—	—	—	—	—	—	—	—	—	—
Personnel and labor relations workers	—	—	—	42	9	—	11	—	—	—	—	—	—
Social scientists	—	—	—	—	—	—	5	—	—	—	—	—	—
Engineering and science technicians	—	—	—	62	44	76	23	—	—	4	12	10	5
Draftsmen	—	—	—	16	16	—	4	—	—	—	—	—	—
Electrical and electronic engineering technicians	—	—	—	46	5	41	—	—	—	—	—	—	—
Industrial and mechanical engineering technicians	—	—	—	—	—	—	—	—	—	—	—	—	—
Technicians, except health, and engineering and science	—	—	561	5	5	10	—	—	—	—	—	—	—
Writers, artists, and entertainers	—	—	5	37	15	24	5	—	—	32	15	19	8
Other professional, technical, and kindred workers	—	—	15	5	31	39	6	4	6	—	171	14	20
Managers and administrators, except farm	44	113	88	163	196	628	448	438	705	582	1 056	203	982
Buyers, purchasing agents, and sales managers	—	11	—	16	11	185	182	130	87	4	208	9	36
Other managers and administrators	44	102	88	147	179	451	255	290	618	578	898	94	946
Salaries	—	66	66	147	166	387	232	194	508	281	504	190	846
Self-employed	—	36	20	—	11	84	21	105	298	297	344	4	80
Sales workers	—	27	15	40	10	841	1 896	394	593	44	2 611	653	1 021
Clerical and kindred workers	32	86	121	773	386	666	912	797	305	197	1 055	754	1 564
Bookkeepers	—	21	14	3	79	159	105	96	133	41	349	49	156
Cashiers	—	—	—	—	6	—	257	592	11	118	187	5	156
Estimators and investigators, n.e.c.	—	16	—	33	51	5	32	6	8	—	5	—	65
Office machine operators	—	—	—	9	9	32	40	6	—	—	—	—	75
Shipping and receiving clerks	—	—	5	—	20	—	69	18	—	—	48	—	—
Stock clerks and storekeepers	—	—	4	9	5	28	77	50	16	—	71	—	—
Other clerical and kindred workers	32	49	98	714	230	405	332	30	137	38	395	615	1 239
Craftsmen and kindred workers	54	153	170	765	864	770	220	126	815	18	653	11	86
Blacksmiths, forgemen, hammermen, and boilermakers	—	—	—	5	11	—	—	—	—	—	—	—	—
Brickmasons and stonemasons	—	—	—	—	—	—	—	—	—	—	—	—	—
Carpenters	10	5	6	—	16	5	4	5	—	—	10	—	5
Cranemen, derrickmen, and hoistmen	—	4	18	—	6	8	—	—	—	—	—	—	—
Electricians	—	—	—	—	85	16	—	—	—	—	6	—	—
Excavating, grading, and road machine operators	6	6	5	—	30	—	—	—	—	—	—	—	—
Foremen, n.e.c.	—	68	20	68	118	264	74	29	30	4	59	6	28
Mechanics and repairmen	38	65	94	53	213	246	114	7	773	4	208	5	14
Automobile, including body	—	61	—	17	65	65	39	7	746	—	10	—	6
Mechanics, job setters, and toolmakers	—	—	6	—	5	40	—	—	—	—	—	—	—
Metal craftsmen, except mechanics and machinists	—	—	—	—	—	19	—	—	—	—	—	—	—
Painters, carpenters, and maintenance, and plasterers and paperhangers	—	—	8	—	—	11	—	—	4	—	9	—	10
Printers and pipe fitters	—	—	—	12	14	—	—	—	—	—	—	—	—
Printing craftsmen	—	—	4	—	60	—	—	—	—	—	—	—	6
Stationary engineers and power station operators	—	5	9	627	297	141	28	85	8	14	346	—	23
Other craftsmen and kindred workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Operatives, except transport	16	54	32	22	51	1 952	43	453	936	8	223	—	15
Assemblers	—	—	—	—	—	435	—	—	—	—	7	—	—
Checkers, examiners, and inspectors: manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—
Fiers, polishers, sanders, and buffers	—	—	—	—	—	—	—	—	—	—	—	—	—
Painters, manufactured articles	—	—	—	—	—	—	—	—	37	—	—	—	—
Precision machine operatives	10	—	—	—	—	10	—	—	—	—	—	—	—
Welders and flamecutters	—	4	—	—	18	6	3	—	4	—	18	—	—
Other specified operatives	—	34	27	11	6	1 147	34	412	873	8	172	—	10
Machine operatives, miscellaneous specified	—	—	—	6	5	242	6	25	5	—	15	—	5
Machine operatives, not specified	6	—	—	—	7	41	—	—	—	—	—	—	—
Miscellaneous operatives	—	16	5	5	15	61	—	11	5	—	5	—	—
Not specified operatives	—	—	—	—	—	10	—	—	7	—	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

OXNARD-VENTURA SMSA—Continued

Total employed—Continued

Occupation	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communi- cations	Utilities and sanitary services	Wholesale trade	Retail trade				Insurance	Finance and real estate
							General merchandise retailing	Food stores	Automotive dealers and gasoline stations	Eating and drinking places		
Transport equipment operatives	26	740	336	19	113	590	47	114	29	44	253	10
Deliverymen and routemen	—	65	—	4	10	291	31	102	21	27	144	10
Truck drivers	—	675	6	15	47	198	11	6	8	11	94	—
Other transport equipment operatives	26	—	330	—	56	101	5	6	—	6	15	—
Labors, except farm	16	105	93	15	110	367	101	732	63	24	224	93
Freight, stock, and material handlers	—	100	84	10	46	174	97	709	5	24	97	6
Other specified laborers	6	—	—	10	41	64	—	14	49	—	72	77
Miscellaneous laborers	10	—	9	—	23	19	4	—	—	—	15	5
Not specified laborers	—	5	—	5	—	110	—	9	9	—	39	5
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	5	5	58	4	58	86	181	150	4	3 456	327	167
Cleaning service workers	—	5	9	—	28	48	44	66	4	61	43	115
Personal service workers	5	—	31	—	—	—	—	—	—	14	5	—
Guards and watchmen	—	—	10	—	19	23	9	—	—	16	—	—
Other service workers, including private household	—	—	8	4	11	15	128	84	—	3 399	245	52
Female employed	9	83	159	822	272	2 122	2 486	969	285	2 461	2 882	2 098
Professionals, technical, and kindred workers	—	—	—	41	31	64	40	4	—	15	63	13
Accountants	—	—	—	5	5	12	10	—	—	4	9	—
Computer specialists	—	—	—	4	—	—	—	—	—	—	—	—
Life and physical scientists	—	—	—	—	—	5	5	—	—	—	—	—
Registered nurses, dietitians, and therapists	—	—	—	—	—	5	—	—	—	—	—	—
Social scientists	—	—	—	—	2	—	6	—	—	11	10	—
Writers, artists, and entertainers	—	—	—	5	—	—	—	—	—	—	—	—
Other professional, technical, and kindred workers	—	—	—	27	17	36	14	4	—	—	44	5
Managers and administrators, except farm	4	—	17	27	25	50	159	80	35	172	238	317
Salaried	4	—	11	27	25	32	143	48	27	72	118	302
Self-employed	—	—	6	—	—	18	16	32	8	100	120	15
Sales workers	—	—	5	—	5	53	1 328	153	6	28	1 409	308
Clerical and kindred workers	5	57	45	704	187	480	787	525	226	186	816	1 407
Bookkeepers	—	16	9	3	25	127	101	96	102	41	305	146
Cashiers	—	—	—	—	6	—	240	406	11	112	166	29
Counter clerks, except food	—	—	—	4	—	—	22	—	—	—	—	—
File clerks	—	—	—	15	3	15	—	—	7	—	—	—
Office machine operators	—	—	—	9	—	28	40	6	—	—	—	—
Bookkeeping and billing machine operators	—	—	—	—	—	—	5	—	—	—	—	—
Receptionists	—	—	—	7	—	8	—	—	10	—	9	53
Secretaries	5	16	13	24	52	131	39	—	49	14	84	13
Stenographers	—	—	—	—	—	—	—	—	—	—	6	238
Typists	—	5	—	51	11	53	69	—	10	—	4	—
Other clerical and kindred workers	—	20	23	591	90	118	256	17	37	19	199	24
Foremen, n.e.c.	—	—	—	21	5	46	34	33	6	—	84	12
Operatives, except transport	—	10	—	6	—	1 393	27	59	3	—	81	—
Assemblers	—	—	—	—	—	394	—	—	—	—	7	—
Checkers, examiners, and inspectors; manufacturing	—	—	—	—	—	—	—	—	—	—	—	—
Packers and wrappers, except meat and produce	—	—	—	—	—	43	10	4	—	—	13	—
Other operatives, except transport	—	10	—	6	—	956	17	55	3	—	61	—
Transport equipment operatives	—	16	58	14	19	8	5	—	4	—	22	—
Labors, except farm	—	—	4	5	—	13	27	59	5	11	24	—
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	—	—	30	4	—	15	79	56	—	2 049	145	41
Cleaning service workers	—	—	4	—	—	—	—	—	—	15	10	19
Personal service workers	—	—	21	—	—	—	—	—	—	—	5	—
Other service workers, including private household	—	—	5	4	—	15	79	56	—	2 030	130	22

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

OXNARD-VENTURA SMSA

Business services	Repair services	Hoteles 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
2 937	1 888	751	3 571	1 593	4 856	2 786	8 511	2 284	1 619	3 199	14 001
683	63	28	90	403	1 973	1 122	5 024	1 236	725	1 780	3 930
71	—	10	—	—	28	14	25	11	—	218	132
5	—	—	—	—	—	—	11	—	—	71	10
117	—	—	—	—	—	—	—	—	—	18	170
133	6	—	—	5	5	—	5	—	21	300	1 427
35	6	—	—	—	—	—	—	—	—	—	4
11	—	—	—	—	—	—	—	—	—	—	146
38	—	—	—	—	—	—	—	—	—	—	621
21	—	—	—	—	5	—	—	—	—	—	105
58	—	—	—	—	—	—	—	—	—	—	11
5	—	—	—	—	—	—	—	—	—	—	14
24	—	—	6	—	10	—	4	—	—	—	374
3	—	—	—	—	—	—	—	—	—	—	108
89	—	5	7	—	25	5	13	—	—	—	88
18	—	—	—	—	32	11	16	—	—	—	132
86	5	—	5	—	—	6	—	—	—	—	15
29	—	—	—	—	—	—	—	—	—	—	31
35	—	—	—	—	—	—	—	—	—	—	188
4	—	—	—	—	—	—	—	—	—	—	172
22	—	5	—	—	—	—	—	—	—	—	483
60	—	—	39	—	—	—	—	—	—	—	21
60	—	—	21	—	—	—	—	—	—	—	140
53	32	8	138	248	1 867	1 078	4 867	1 183	638	615	547
304	247	149	183	167	150	117	150	169	125	187	1 196
24	6	—	6	—	15	6	3	—	—	9	57
260	241	149	177	167	135	117	178	163	125	178	1 139
203	139	102	52	133	135	89	437	132	112	153	1 139
77	102	47	125	34	—	28	—	31	13	25	—
119	33	10	49	46	4	9	—	29	11	30	10
643	139	65	181	262	694	637	1 267	408	433	835	4 251
86	38	15	37	46	26	85	58	46	67	137	261
5	—	4	5	48	—	11	88	11	15	—	5
20	9	—	—	4	—	—	—	—	—	—	95
40	—	—	—	9	15	—	29	8	—	44	251
—	—	—	—	6	—	6	10	—	—	—	55
24	—	—	4	—	24	—	35	5	—	6	237
468	92	46	135	121	569	535	1 047	338	346	648	3 347
296	1 017	11	64	120	159	66	273	64	66	91	1 308
—	9	—	—	—	—	—	4	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	11	—	4	21	12	—	—	—	9	—	62
5	—	—	—	4	—	—	—	—	6	5	22
—	4	—	—	—	19	—	—	—	—	—	117
13	—	—	—	—	—	—	—	—	—	—	26
43	—	—	6	—	—	12	21	15	19	—	120
115	722	5	18	41	45	9	36	25	—	—	614
6	478	—	9	5	5	9	5	5	—	—	115
19	—	—	4	—	—	—	—	—	—	—	39
10	—	—	—	—	—	—	—	—	—	—	56
5	—	—	—	8	9	5	27	4	10	—	41
16	—	—	—	—	17	—	36	—	5	—	10
—	—	—	—	—	10	—	—	6	—	—	28
5	—	—	—	—	28	—	—	—	—	—	37
70	210	6	32	32	21	40	59	14	17	29	111
165	189	—	399	70	40	7	17	6	6	70	373
25	—	—	5	—	6	—	—	—	6	11	27
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	45	—	—	5	—	—	—	—	—	—	—
—	84	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	—	—
53	34	—	394	58	34	4	5	—	—	4	49
—	—	—	—	—	—	—	—	—	—	—	169
10	—	—	—	—	—	—	—	—	—	—	95
—	12	—	—	—	—	—	—	—	—	—	28
11	—	—	—	—	—	—	—	—	—	—	56

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

OXNARD—VENTURA SMSA—Continued

Total employed—Continued

Deliverymen and routemen	71	13	5	64	12	10	3	26	10	17	—	202
Truck drivers	70	20	5	49	4	—	3	21	5	9	—	22
Other transport equipment operatives	74	11	—	10	8	10	—	5	5	8	—	118
Laborers, except farm	70	112	10	168	152	59	11	143	25	37	29	361
Freight, stock, and material handlers	6	6	—	15	21	16	—	18	—	2	—	135
Other specified laborers	27	91	5	146	125	29	11	139	25	25	25	196
Miscellaneous laborers	15	9	—	7	6	14	—	6	—	12	—	60
Not specified laborers	22	7	5	7	—	—	—	—	—	—	—	24
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	512	44	473	2 373	461	1 767	814	1 301	343	199	177	2 370
Cleaning service workers	362	10	197	49	77	263	78	630	120	66	5	305
Personal service workers	—	5	163	1 114	—	4	20	246	84	51	—	52
Guards and watchmen	95	—	5	—	22	4	—	4	—	—	—	116
Other service workers, including private household	55	29	106	1 210	130	1 495	716	421	117	82	172	1 897
Female employed	837	172	486	2 445	541	3 666	1 869	5 034	1 380	850	1 402	3 494
Accountants	108	12	9	49	136	1 558	405	3 004	772	244	415	561
Computer specialists	26	—	—	—	—	10	10	15	5	—	54	66
Life and physical scientists	14	—	—	6	—	—	—	6	—	—	4	33
Registered nurses, dietitians, and therapists	7	—	—	17	—	1 109	245	79	—	8	4	28
Social scientists	6	—	—	—	—	17	5	4	—	—	—	22
Writers, artists, and entertainers	8	—	—	16	48	—	8	22	11	25	58	45
Other professional, technical, and kindred workers	47	12	4	4	88	412	137	2 878	756	211	295	362
Managers and administrators, except farm	33	14	71	49	13	57	49	154	78	40	27	164
Self-employed	35	14	27	30	13	57	46	154	60	27	164	—
Sales workers	15	10	5	19	31	4	4	—	—	11	4	—
Clerical and kindred workers	335	97	46	177	207	660	609	1 173	359	404	753	2 552
Bookkeepers	81	38	10	37	45	40	74	58	46	67	108	174
Cashiers	5	5	4	5	45	26	—	85	11	5	—	5
Counter clerks, except food	—	5	6	67	14	—	—	—	—	9	5	69
File clerks	10	—	—	—	—	16	21	10	4	—	34	174
Office machine operators	20	—	—	—	5	15	—	19	—	—	11	36
Bookkeeping and billing machine operators	26	—	4	27	—	—	179	4	15	14	14	14
Receptionists	160	9	5	18	68	89	227	337	154	137	383	624
Secretaries	12	—	—	—	—	30	—	—	6	—	—	21
Stenographers	67	—	—	—	9	76	21	162	37	91	46	632
Typists	154	40	17	23	21	230	87	498	92	75	139	810
Other clerical and kindred workers	—	—	—	—	—	—	—	—	—	—	—	—
Craftsmen and kindred workers	15	24	—	10	5	5	21	45	21	14	8	23
Foremen, n.e.c.	10	4	—	—	—	—	6	—	5	5	—	12
Operatives, except transport	33	6	—	251	4	26	7	4	—	6	46	17
Assemblers	25	—	—	5	—	—	—	—	—	—	11	5
Checkers, examiners, and inspectors; manufacturing	—	—	—	—	—	—	—	—	—	—	—	—
Packers and wrappers, except meat and produce	—	—	—	—	—	—	—	—	—	—	—	—
Other operatives, except transport	8	6	—	246	4	26	7	4	—	—	16	4
Transport equipment operatives	7	—	—	6	—	—	—	—	—	8	—	8
Laborers, except farm	12	4	—	15	5	11	—	10	—	—	5	6
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	77	5	355	1 875	140	1 345	754	644	150	123	744	171
Cleaning service workers	47	—	160	11	11	147	42	42	22	14	15	15
Personal service workers	—	5	148	718	55	5	20	219	69	45	45	15
Other service workers, including private household	30	—	47	1 146	74	1 193	685	383	59	64	139	152

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

SACRAMENTO SMSA

Occupation	Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing					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
Total employed	287 248	8 609	447	17 733	1 654	947	195	157	1 281	1 090	508
Professional, technical, and kindred workers.....	52 068	452	49	1 955	11	44	5	18	79	80	83
Accountants.....	3 478	24	—	139	5	6	—	—	15	—	5
Architects.....	265	—	—	41	—	—	—	—	—	—	—
Computer specialists.....	1 449	5	—	86	—	—	—	—	—	20	—
Engineers.....	6 116	24	10	915	—	19	—	4	22	32	50
Chemical.....	69	—	—	—	—	—	—	—	—	—	—
Civil.....	2 044	16	5	721	—	13	—	—	7	—	6
Electrical and electronic.....	1 147	—	—	53	—	—	—	4	5	—	19
Industrial.....	1 779	—	—	171	—	—	—	—	—	—	5
Mechanical.....	619	4	—	52	—	—	—	—	—	23	5
Other engineers.....	1 258	4	5	84	—	6	—	—	10	9	20
Mathematical specialists.....	194	—	—	—	—	—	—	—	—	—	—
Life and physical scientists.....	1 000	33	4	11	—	13	—	5	—	—	—
Chemists.....	354	—	—	24	—	—	—	—	—	—	—
Personnel and labor relations workers.....	1 690	4	5	67	—	6	—	—	4	6	—
Social scientists.....	543	5	—	—	—	—	—	—	—	—	—
Engineering and science technicians.....	3 300	12	11	405	—	—	5	4	18	5	18
Draftsmen.....	1 088	3	—	241	—	—	—	—	—	—	—
Electrical and electronic engineering technicians.....	848	—	—	20	—	—	—	—	—	—	—
Industrial and mechanical engineering technicians.....	101	—	—	—	—	—	—	—	—	—	—
Technicians, except health, and engineering and science.....	2 872	52	5	11	—	—	—	—	—	7	—
Writers, artists, and entertainers.....	2 774	36	—	37	6	—	—	—	—	—	—
Other professional, technical, and kindred workers.....	30 387	234	14	167	—	—	—	5	15	10	5
Managers and administrators, except farm.....	26 955	84	64	2 940	83	36	15	16	120	116	14
Buyers, purchasing agents, and sales managers.....	3 321	11	15	117	—	—	—	4	26	27	—
Other managers and administrators.....	22 824	73	48	2 122	83	36	10	12	94	89	14
Stationed.....	18 444	48	30	1 262	78	20	5	6	73	85	—
Self-employed.....	4 640	25	17	856	5	10	—	6	21	4	—
Sales workers	23 434	65	—	123	35	56	4	—	71	150	46
Clerical and kindred workers.....	64 623	274	15	1 692	99	51	—	14	148	156	73
Bookkeepers.....	6 274	78	5	332	32	11	—	4	29	40	11
Cashiers.....	3 316	—	—	14	—	—	—	—	—	—	—
Estimators and investigators, n.e.c.....	1 258	—	—	217	6	—	—	—	10	6	—
Office machine operators.....	3 196	—	—	50	—	—	—	—	5	—	—
Shipping and receiving clerks.....	949	—	—	19	—	—	—	10	31	16	6
Stock clerks and storekeepers.....	2 450	10	5	29	—	5	—	—	11	10	—
Other clerical and kindred workers.....	47 180	186	5	1 045	61	35	—	—	62	84	51
Craftsmen and kindred workers	37 871	305	78	8 220	444	142	58	22	295	306	182
Blacksmiths, forgers, hammermen, and boilermakers.....	159	—	—	15	—	—	—	—	12	—	—
Brickmasons and stonemasons.....	222	—	—	209	—	—	—	—	—	—	—
Carpenters.....	2 808	12	4	2 048	56	14	7	—	22	—	—
Cranemen, derrickmen, and hoistmen.....	1 234	4	5	71	6	—	10	—	6	5	—
Electricians.....	1 828	4	6	691	6	—	4	—	—	—	—
Excavating, grading, and road machine operators.....	43 598	43	18	637	5	20	—	—	—	—	8
Foremen, n.e.c.....	4 315	58	19	519	79	25	14	5	78	50	44
Mechanics and repairmen.....	12 738	119	12	415	26	25	5	9	43	87	10
Automobile, including body.....	3 530	5	—	60	—	—	—	—	—	—	—
Machinists, job setters, and toolmakers.....	1 029	—	5	28	11	23	—	8	11	119	6
Metal craftsmen, except mechanics and machinists.....	968	5	—	222	20	6	18	—	52	23	—
Painters, construction and maintenance, and plasterers and paperhangers.....	1 408	6	—	874	—	—	—	—	—	—	—
Plumbers and pipe fitters.....	1 980	11	—	528	—	14	—	—	—	7	—
Printing craftsmen.....	1 272	—	—	5	4	—	—	—	—	—	—
Stationary engineers and power station operators.....	649	—	5	70	—	—	—	—	—	—	—
Other craftsmen and kindred workers.....	8 289	47	4	1 934	231	15	—	—	71	9	110
Operatives, except transport	17 297	106	119	917	83	246	77	439	216	216	110
Assemblers.....	467	—	9	365	57	8	—	—	27	58	—
Checkers, examiners, and inspectors, manufacturing.....	514	—	—	514	—	—	—	—	19	15	—
Fillers, polishers, sanders, and buffers.....	95	—	—	—	11	5	—	—	5	6	—
Painters, manufactured articles.....	176	—	—	29	—	—	—	—	6	—	—
Precision machine operatives.....	1 114	5	—	127	—	—	—	—	16	6	—
Welders and flamecutters.....	10 348	53	—	165	—	—	—	—	9	53	4
Other specified operatives.....	1 625	10	119	591	268	81	28	14	115	93	9
Machine operatives, miscellaneous specified.....	661	4	—	31	71	66	16	14	64	5	—
Machine operatives, not specified.....	1 577	—	8	468	47	6	10	15	48	15	—
Miscellaneous operatives.....	4	30	—	612	23	46	—	—	40	13	—
Not specified operatives.....	483	4	—	30	42	12	—	—	21	—	—

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

SACRAMENTO SMSA - Continued

Total employed - Continued

	Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construc- tion	Manufacturing					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
Transport equipment operatives.....	10 065	155	95	546	117	228	20	10	52	6	-
Deliverymen and roulemen.....	2 377	29	23	23	-	30	4	-	7	-	-
Truck drivers.....	4 111	88	68	447	26	146	16	10	-	6	-
Other transport equipment operatives.....	3 577	38	27	74	91	52	-	-	45	-	-
Laborers, except farm	12 121	1 066	16	1 876	312	136	5	-	58	34	-
Freight, stock, and material handlers.....	4 708	16	16	95	162	47	-	-	33	17	-
Other specified laborers.....	5 813	1 019	-	1 781	64	3	5	-	5	5	-
Miscellaneous laborers.....	561	15	-	-	40	11	5	-	4	4	-
Not specified laborers.....	1 039	16	-	-	46	75	-	-	16	8	-
Farm workers	6 043	6 043	-	-	-	-	-	-	-	-	-
Service workers, including private household	37 471	59	11	168	34	8	5	-	19	26	-
Cleaning service workers.....	7 174	19	-	79	13	8	-	-	14	16	-
Personal service workers.....	5 828	5	-	10	14	-	-	-	5	10	-
Guards and watchmen.....	902	5	-	-	-	-	-	-	-	-	-
Other service workers, including private household.....	24 327	35	11	75	7	-	-	-	-	-	-
Female employed	110 538	1 192	15	1 556	130	63	-	8	70	102	96
Professional, technical, and kindred workers	19 633	62	-	144	-	9	-	4	-	-	4
Accountants.....	1 271	14	-	44	-	-	-	-	-	-	-
Computer specialists.....	328	5	-	8	-	-	-	-	-	-	-
Life and physical scientists.....	101	-	-	4	-	9	-	-	-	-	-
Registered nurses, dietitians, and therapists.....	3 394	-	-	-	-	-	-	-	-	-	-
Social scientists.....	96	-	-	-	-	-	-	-	-	-	-
Writers, artists, and entertainers.....	745	9	-	5	-	-	-	-	-	-	-
Other professional, technical, and kindred workers.....	13 698	34	-	83	-	-	-	-	-	-	-
Managers and administrators, except farm	4 851	17	5	113	5	113	-	-	-	-	5
Salaried.....	3 917	7	-	80	5	-	-	-	-	-	-
Self-employed.....	934	10	5	33	-	-	-	-	-	-	-
Sales workers	8 682	-	-	17	7	5	-	-	3	-	-
Clerical and kindred workers	48 663	215	10	1 101	53	34	-	4	50	96	53
Bookkeepers.....	5 104	74	5	256	27	11	-	-	19	30	11
Cashiers.....	2 325	-	-	-	-	-	-	-	-	-	-
Counter clerks, except food.....	493	-	-	-	-	-	-	-	-	-	-
File clerks.....	2 318	-	-	73	-	-	-	-	-	-	-
Office machine operators.....	2 478	-	-	35	-	-	-	-	5	-	-
Office machine operators.....	203	-	-	-	-	-	-	-	-	-	-
Bookkeeping and billing machine operators.....	1 469	19	5	40	-	-	-	-	17	41	32
Receptionists.....	9 662	54	-	245	21	15	-	-	9	11	10
Secretaries.....	1 300	13	-	59	5	3	-	-	9	14	10
Stenographers.....	7 113	28	-	214	5	5	-	-	-	-	-
Typists.....	16 401	27	-	179	-	-	-	-	-	-	-
Other clerical and kindred workers.....	1 701	3	-	92	35	6	-	-	-	6	5
Foremen, n.e.c.	335	-	-	17	-	-	-	-	-	6	-
Operatives, except transport	4 579	51	-	13	20	4	-	-	17	-	29
Assemblers.....	125	-	-	83	5	-	-	-	5	-	18
Checkers, examiners, and inspectors; manufacturing.....	94	-	-	-	-	-	-	-	7	-	-
Packers and wrappers, except meat and produce.....	456	20	-	256	-	-	-	-	-	-	-
Other operatives, except transport.....	3 904	31	-	13	15	4	-	-	5	-	11
Transport equipment operatives	646	4	-	10	5	-	-	-	-	-	-
Laborers, except farm	755	100	-	19	5	5	-	-	-	-	-
Farm workers	711	711	-	-	-	-	-	-	-	-	-
Service workers, including private household	20 317	29	-	47	-	-	-	-	-	-	-
Cleaning service workers.....	1 844	4	-	7	-	-	-	-	-	-	-
Personal service workers.....	3 521	-	-	10	-	-	-	-	-	-	-
Other service workers, including private household.....	14 952	25	-	30	-	-	-	-	-	-	-

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.]

		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 miscel. lineous plastic products	Other nondurable goods, incl. not specified manufacturing
SACRAMENTO SMSA												
Total employed												
203	3 544	504	282	1 831	5 896	69	282	667	3 945	1 039	648	1 540
5	1 487	41	137	361	228	—	5	30	524	90	45	100
—	66	4	17	—	60	—	—	6	17	10	5	—
—	—	—	—	—	—	—	—	—	—	6	—	5
—	81	—	14	—	—	—	—	14	6	19	21	17
—	859	26	54	137	33	—	—	—	6	14	5	—
—	24	—	—	—	—	—	—	—	6	5	—	8
—	37	—	6	10	—	—	—	—	—	—	—	—
—	55	15	—	17	—	—	—	5	—	—	11	—
—	131	6	11	29	14	—	—	9	—	—	—	5
—	204	—	—	27	15	—	—	—	—	—	5	4
—	408	5	26	54	4	—	—	—	—	—	—	—
—	10	—	—	3	—	—	—	—	—	—	—	—
—	43	—	12	5	21	—	—	—	—	15	—	—
—	33	—	7	5	21	—	—	—	—	15	—	—
—	34	—	—	5	17	—	—	5	5	11	—	—
—	13	—	—	—	—	—	—	—	—	—	—	—
—	234	—	30	23	66	—	—	—	20	15	—	—
—	69	—	4	4	5	—	—	—	10	—	—	—
—	34	—	25	4	—	—	—	—	5	—	—	—
—	39	—	—	—	—	—	—	—	—	—	—	—
—	24	—	6	6	3	—	—	—	—	—	—	—
—	69	6	10	27	3	—	5	5	460	5	—	69
—	54	5	10	155	28	—	—	—	16	9	—	—
43	213	56	24	129	327	8	8	76	300	99	43	77
15	35	19	24	24	70	8	8	20	80	27	—	5
28	178	37	24	105	257	8	8	46	220	72	43	72
—	178	31	24	85	246	—	—	46	164	72	37	55
—	—	6	—	20	11	—	—	—	56	—	6	17
11	26	9	11	90	234	25	47	32	729	194	30	206
20	591	45	44	237	538	—	22	75	830	124	85	131
11	41	12	—	12	92	—	—	5	112	6	13	25
—	—	—	—	—	14	—	—	—	—	—	—	—
—	6	—	—	—	—	—	—	6	4	6	15	—
—	57	—	—	5	36	—	—	8	20	5	20	—
—	11	—	—	—	81	—	—	—	—	—	—	—
—	55	5	5	16	32	—	8	—	4	13	6	—
9	421	28	39	204	283	—	14	56	675	74	25	106
47	601	236	26	359	929	5	13	97	1 176	151	71	200
—	5	—	—	—	6	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	86	—	6	—	—	—	—	5	—	—	—
5	28	14	5	—	26	—	—	5	5	7	5	—
10	210	42	4	10	339	—	4	34	96	10	34	33
13	196	11	—	29	318	—	9	43	31	50	13	10
8	—	—	7	—	26	—	—	—	8	8	—	—
19	122	4	—	25	49	—	—	5	10	10	6	4
—	21	24	6	6	4	—	—	—	—	—	—	8
—	—	—	—	—	14	—	—	—	—	—	—	—
—	—	22	—	—	21	—	—	—	—	—	6	—
—	7	5	—	—	52	—	—	10	1 017	—	—	7
—	12	28	—	272	100	5	—	—	12	12	—	131
68	442	103	32	449	2 226	39	187	243	234	259	301	623
5	59	26	6	16	60	5	—	9	5	16	16	9
—	150	—	—	—	120	—	—	—	—	9	31	126
7	6	5	5	—	—	—	—	—	—	—	5	—
5	16	—	—	4	5	—	—	—	—	—	—	—
19	29	43	16	14	34	—	6	—	—	—	11	448
4	54	5	5	331	1 086	34	155	114	57	134	15	21
—	23	—	—	20	26	—	—	64	54	56	124	44
9	45	—	—	46	149	—	—	25	51	23	44	—
6	31	10	—	5	216	—	—	27	67	9	43	8
—	—	9	—	—	55	—	—	4	—	—	18	—

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.)

	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
SACRAMENTO SMSA—Continued													
Total employed—Continued													
Transport equipment operatives	—	—	—	—	73	548	—	—	33	83	42	35	78
Deliverymen and roulemen	—	—	—	—	10	207	—	—	—	51	7	—	20
Truck drivers	—	37	—	—	22	138	—	—	—	15	—	11	58
Other transport equipment operatives	—	7	—	—	41	223	—	—	33	17	35	24	—
Labors, except farm	9	30	10	4	79	592	—	—	70	43	69	32	70
Freight, stock, and material handlers	4	16	5	—	314	314	—	—	64	30	43	21	5
Other specified laborers	—	3	—	—	74	41	—	—	—	9	3	—	65
Miscellaneous laborers	—	—	—	4	—	52	—	—	—	4	—	—	—
Not specified laborers	5	11	5	—	5	185	—	—	6	4	23	11	—
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	—	—	—	—	—	—	—	—	—	—	—	—	—
Cleaning service workers	—	110	4	4	54	254	—	—	11	26	11	6	55
Personal service workers	—	44	4	—	13	143	—	—	11	4	6	—	7
Coards and watchmen	—	—	—	—	4	15	—	—	—	6	—	—	—
Other service workers, including private household	—	54	—	—	4	33	—	—	—	10	5	6	—
Not specified laborers	—	12	—	4	33	63	—	—	—	6	—	—	48
Female employed	20	501	61	48	343	1 401	24	174	227	1 193	170	80	490
Professional, technical, and kindred workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Accountants	—	66	4	5	19	68	—	—	—	143	10	—	16
Computer specialists	—	37	4	—	—	4	—	—	—	—	—	—	—
Life and physical scientists	—	4	—	—	—	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	—	—	—	—	—	5	—	—	—	—	—	—	—
Social scientists	—	—	—	—	—	—	—	—	—	138	5	—	—
Writers, artists, and entertainers	—	5	—	—	—	—	—	—	—	5	—	—	—
Other professional, technical, and kindred workers	—	20	—	—	19	59	—	—	—	5	—	—	16
Managers and administrators, except farm	—	—	—	—	—	—	—	—	—	—	—	—	—
Salaried	—	—	—	—	24	32	—	—	—	78	4	—	10
Self-employed	—	—	—	—	19	32	—	—	—	68	4	—	10
Sales workers	—	—	—	—	5	—	—	—	—	10	—	—	—
Clerical and kindred workers	—	—	4	—	10	14	—	11	11	74	—	—	4
Bookkeepers	20	400	30	39	136	306	—	14	55	595	82	48	91
Cashiers	11	31	8	—	7	64	—	—	5	99	6	13	14
Counter clerks, except food	—	—	—	—	—	14	—	—	—	—	—	—	—
File clerks	—	19	—	4	—	—	—	—	—	15	5	—	—
Office machine operators	—	44	—	—	5	27	—	—	—	14	—	—	—
Bookkeeping and billing machine operators	—	—	—	—	—	—	—	—	—	6	5	20	—
Receptionists	—	—	—	—	—	6	—	—	5	19	—	—	—
Secretaries	9	238	11	24	42	70	—	10	34	89	27	—	—
Stenographers	—	—	—	—	5	19	—	—	6	112	5	—	—
Typists	—	21	—	—	77	96	—	—	—	241	12	3	—
Other clerical and kindred workers	—	47	11	11	—	—	—	4	5	—	22	7	77
Craftsman and kindred workers	—	—	6	—	21	59	—	4	—	195	—	—	25
Foremen, n.e.c.	—	—	—	—	—	54	—	4	—	19	—	—	5
Operatives, except transport	—	—	13	—	111	857	24	145	120	89	74	23	327
Assemblers	—	16	—	—	—	32	—	—	5	—	—	—	5
Checkers, examiners, and inspectors; manufacturing	—	5	—	—	—	58	—	—	—	—	—	—	24
Packers and wrappers, except meat and produce	—	—	—	—	—	104	—	—	80	6	57	—	4
Other operatives, except transport	—	6	—	—	111	663	24	145	35	83	17	23	294
Transport equipment operatives	—	—	—	—	—	5	—	—	—	7	—	4	—
Labors, except farm	—	—	—	4	13	34	—	—	41	—	—	—	—
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	—	—	—	—	—	—	—	—	—	—	—	—	—
Cleaning service workers	—	14	4	—	9	26	—	—	—	12	—	—	17
Personal service workers	—	10	—	—	4	10	—	—	—	6	—	—	—
Other service workers, including private household	—	4	—	—	—	10	—	—	—	6	—	—	17

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	SACRAMENTO SMSA											Retail trade					Finance and real estate
	Railroads and railway express service	Trucking service and ware- housing	Other transportation	Communi- cations	Utilities and sanitary services	Wholesale trade	General merchandise retailing	Food stores	Automotive dealers and gasoline stations	Eating and drinking places	Other retail trade	Insurance					
Total employed.....	5 081	3 283	2 670	5 813	6 099	11 119	7 919	6 622	7 590	10 127	16 416	5 322	9 249				
Professional, technical, and kindred workers.....	107	40	187	982	1 020	388	138	56	76	126	778	346	192				
Accountants.....	5	10	20	39	39	85	23	13	18	15	73	109	66				
Architects.....																	
Computer specialists.....				20	44	42					38	7	6				
Engineers.....	37	5	22	383	486	79		4	9		11	39	11				
Chemical.....					6						12						
Civil.....	13			18	278						12						
Electrical and electronic.....			11	316	92						15						
Industrial.....	6		6	21	9						5						
Mechanical.....	5		5	47	54			4			11						
Other engineers.....	13	5	5	23		70			9								
Mathematical specialists.....				6		6											
Life and physical scientists.....	9			7	30	22	5				5						
Chemists.....	9			7	10	5											
Personnel and labor relations workers.....		7	17	97	38	36	84	24	21	5	56						
Social scientists.....		8	6	6	24	4					19						
Engineering and science technicians.....	46		9	135	153	35			12		5						
Electrical and electronic engineering technicians.....	30		9	20	85	11			6		5						
Mechanical and mechanical engineering technicians.....	11			92	13	8			6		5						
Industrial and engineering technicians.....																	
Technicians, except health, and engineering and science.....		5	97	25	10						5						
Writers, artists, and entertainers.....			10	231	50	49				106							
Other professional, technical, and kindred workers.....	10	5	6	33	146	10	16				476						
Managers and administrators, except farm.....	395	215	171	423	289	1 655	913	957	1 442	1 145	2 397	599	2 238				
Buyers, purchasing agents, and sales managers.....	17	16	46	46	10	588	444	192	166	125	570	60	294				
Other managers and administrators.....	378	199	161	377	279	1 067	469	765	1 276	1 220	1 822	439	2 144				
Salaried.....	378	146	158	377	274	874	402	418	720	567	1 708	483	1 997				
Self-employed.....	401	53	3		5	193	67	349	356	553	709	36	167				
Sales workers.....	10	55	41	148	124	2 680	4 230	916	1 433	219	6 175	1 972	2 327				
Clerical and kindred workers.....	588	365	367	856	1 301	2 009	1 530	1 636	649	635	2 536	2 414	3 525				
Bookkeepers.....	20	55	33	72	142	411	170	349	349	95	567	186	443				
Cashiers.....	2	9	6	23	41	17	365	1 094	41	472	391	66	66				
Estimators and investigators, n.e.c.....	4	5	5	50	72	4			10	4	16		94				
Office machine operators.....	10	6	4	28	50	92	45	39	10	5	47		128				
Shipping and receiving clerks.....	50	6	18	98	50	50	82	14	16	5	69		5				
Stock clerks and storekeepers.....	80	15	127	16	31	141	127	109	24	24	156	6	5				
Other clerical and kindred workers.....	401	268	298	1 145	996	1 145	604	210	209	54	1 290	2 009	2 758				
Craftsmen and kindred workers.....	2 522	269	392	1 300	1 792	1 057	370	299	1 596	29	1 739	20	234				
Blacksmiths, forgemen, hammermen, and boilermakers.....	63										4						
Brickmasons and stonemasons.....											6						
Carpenters.....	100				32	11	8		21		44		7				
Cranemen, derrickmen, and hoistmen.....	55				4	9					3						
Electricians.....	266	4		5	103	16	5	5			5						
Excavating, grading, and road machine operators.....	6		4		73						8						
Farmermen, n.e.c.....	203	84	49	161	294	254	115	99	34		173	9	39				
Mechanics and repairmen.....	833	159	291	32	333	539	131	503	1 503	6	527	56	6				
Automobile, including body.....	5	127	69	64	64	120	44	20	1 427		14						
Machinists, job setters, and toolmakers.....	278		13	5	25	12	6	4	15		5						
Metal craftsmen, except mechanics and machinists.....	77		5			5					13						
Painters, construction and maintenance, and plasterers and paperhangers.....	47				84	10					16		57				
Plumbers and pipe fitters.....	80	6			13	32					20		11				
Printing craftsmen.....			2		227	10		10			19						
Stationary engineers and power station operators.....	11		15	13	602	159	105	147	23	23	890	5	21				
Other craftsmen and kindred workers.....	503	5	10	1 079							6	6	38				
Operators, except transport.....	378	81	143	32	176	1 091	88	874	2 118	47	471		10				
Assemblers.....	5				5				10		9						
Checkers, examiners, and inspectors; manufacturing.....																	
Filers, polishers, sanders, and buffers.....																	
Painters, manufactured articles.....																	
Precision machine operators.....	35																
Welders and flamecutters.....	157	17	12	13	62	50	79	798	2 016	31	353						
Other specified operatives.....	37	52	67	4	52	714		21	15	13	28						
Machine operatives, miscellaneous specified.....	14		5	7	4	29		39	11	3	19						
Machine operatives, not specified.....	10	6	47	12	48	138	9	39	11	3	15						
Miscellaneous operatives.....	61	6	47	17		45		16	7		16						
Not specified operatives.....	41	6	17														

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

SACRAMENTO SMSA — Continued
Total employed — Continued

Occupation	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communications	Utilities and sanitary services	Wholesale trade	Retail trade				Insurance	Finance and real estate
							General merchandise retailing	Food stores	Automotive dealers and gasoline stations	Eating and drinking places	Other retail trade	
Deliverymen and routemen	582	2 019	999	12	533	1 360	110	199	92	69	556	21
Truck drivers	44	201	6	5	10	758	95	144	72	59	355	5
Other transport equipment operators	538	1 787	19	—	166	409	9	37	13	10	150	4
Labors, except farm	376	31	974	7	357	193	6	18	7	—	51	12
Freight, stock, and material handlers	53	203	153	7	673	693	204	1 424	131	19	486	276
Other specified laborers	71	227	106	4	246	507	199	1 319	26	—	293	6
Miscellaneous laborers	128	10	25	3	278	115	—	28	6	4	136	225
Not specified laborers	124	14	5	—	192	38	5	5	17	15	63	19
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	123	12	217	53	161	186	336	261	53	7 838	1 277	426
Cleaning service workers	82	6	37	37	98	110	100	155	53	168	111	19
Personal service workers	18	—	99	—	—	16	64	—	—	88	—	30
Guards and watchmen	10	6	5	—	—	16	16	—	—	4	18	16
Other service workers, including private household	13	—	56	16	93	44	156	106	—	7 578	1 111	105
Female employed	222	261	684	3 100	1 029	2 261	5 501	1 637	690	4 998	7 162	4 554
Professionals, technical, and kindred workers	—	—	—	—	—	—	—	—	—	—	—	—
Accountants	—	—	14	273	83	46	108	5	5	22	171	86
Computer specialists	—	—	4	25	16	13	14	5	—	5	48	17
Life and physical scientists	—	—	—	5	—	7	—	—	—	—	—	36
Registered nurses, dietitians, and therapists	—	—	—	—	—	—	—	—	—	—	—	25
Social scientists	—	—	—	10	4	—	—	—	—	—	—	9
Writers, artists, and entertainers	—	—	10	35	3	5	5	—	—	17	55	11
Other professional, technical, and kindred workers	—	—	—	198	47	21	89	—	5	—	68	36
Managers and administrators, except farm	15	13	43	87	16	88	347	140	87	291	564	720
Solieried	15	13	43	87	16	15	325	51	54	148	691	691
Self-employed	—	—	—	—	—	15	22	89	33	143	212	29
Sales workers	—	7	15	42	15	141	3 297	395	51	94	3 342	519
Clerical and kindred workers	149	189	180	2 584	823	1 346	1 343	694	439	495	1 976	3 064
Cashiers	—	45	28	67	52	116	231	116	259	77	500	407
Counter clerks, except food	5	3	3	23	6	17	335	399	36	384	352	80
File clerks	13	7	—	27	6	26	52	6	—	4	20	—
Office machine operators	5	—	4	59	21	53	54	9	—	—	26	49
Bookkeeping and billing machine operators	—	—	—	98	35	72	45	33	—	—	47	89
Receptionists	—	—	—	—	14	—	5	—	—	—	5	85
Secretaries	15	44	25	15	12	40	4	11	—	—	42	30
Stenographers	55	10	5	139	125	20	69	50	44	13	219	28
Typists	18	32	10	230	158	14	14	9	—	6	70	566
Other clerical and kindred workers	38	61	87	1 916	351	360	525	61	89	11	700	247
Craftsmen and kindred workers	4	—	11	87	16	32	72	2	21	—	261	21
Foremen, n.e.c.	—	—	—	27	—	17	34	—	—	—	43	16
Operatives, except transport	12	8	—	11	—	497	73	218	50	22	176	10
Assemblers	—	—	—	—	—	—	—	—	—	—	6	—
Checkers, examiners, and inspectors; manufacturing	—	—	—	—	—	—	—	—	—	—	—	—
Packers and wrappers, except meat and produce	—	—	—	4	—	54	42	—	—	5	—	—
Other operatives, except transport	12	8	—	7	—	443	31	207	50	17	165	10
Transport equipment operatives	14	44	356	—	30	19	11	—	18	—	13	5
Labors, except farm	4	—	4	4	17	63	37	114	9	9	34	5
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	24	—	61	12	28	28	213	69	10	4 065	625	140
Cleaning service workers	7	—	55	—	11	9	17	4	4	48	22	74
Personal service workers	—	—	—	—	—	—	60	—	—	35	—	11
Other service workers, including private household	13	—	6	12	18	—	136	65	—	3 982	566	55

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

SACRAMENTO SMSA

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
4 479	4 503	2 662	10 507	2 877	9 386	6 559	26 092	3 956	5 521	7 241	52 884
790	72	108	305	615	3 745	2 678	15 545	2 209	2 241	3 757	9 737
143	11	56	—	4	36	31	87	—	72	666	1 478
—	—	—	—	—	—	—	—	—	—	92	96
60	4	—	—	—	3	15	115	5	20	36	791
69	4	—	—	5	3	35	53	8	28	313	2 222
—	—	—	—	—	—	—	10	—	—	—	10
10	—	—	—	5	—	5	6	—	5	202	650
8	—	—	—	—	—	24	4	—	12	47	317
20	4	—	—	—	4	—	10	—	12	12	747
—	—	—	—	—	—	6	23	8	11	25	170
31	—	—	—	—	—	—	23	—	11	27	328
—	—	—	—	—	—	—	14	—	10	9	103
19	—	—	—	—	30	5	14	—	11	50	381
—	—	—	—	—	—	—	101	—	11	16	114
200	4	—	11	—	15	25	101	13	54	8	647
40	—	—	23	5	68	22	83	3	9	24	219
62	10	—	18	—	9	22	338	5	11	321	1 195
21	—	—	—	—	—	—	18	3	—	222	264
14	10	—	—	—	4	—	15	5	—	—	564
—	—	—	—	—	—	—	48	—	—	—	57
5	6	—	27	—	—	4	14	—	—	4	514
116	9	46	140	354	6	—	142	—	114	238	267
76	28	6	104	243	3 574	2 519	14 313	2 149	1 912	1 996	1 854
418	350	401	440	238	210	226	1 193	267	514	227	4 819
45	17	16	—	—	23	4	69	4	14	10	430
373	333	385	440	238	187	226	1 124	263	500	217	4 389
234	145	231	247	155	187	181	1 124	214	181	191	4 389
139	188	154	193	82	—	45	—	49	4	26	—
—	—	—	—	—	—	—	—	—	—	—	—
351	105	20	88	85	13	10	32	21	48	66	71
—	—	—	—	—	—	—	—	—	—	—	—
1 399	435	345	573	503	1 387	1 805	5 300	719	1 869	2 153	22 460
92	144	61	53	45	111	240	248	23	207	253	1 143
16	19	105	18	207	53	5	155	6	6	—	206
89	—	—	—	—	—	9	19	6	27	—	347
126	—	5	7	—	29	21	99	4	6	73	1 934
—	10	—	—	5	15	—	23	10	5	16	210
44	11	13	64	—	64	4	67	—	—	—	270
1 032	251	174	482	246	1 115	1 526	4 689	653	1 562	1 806	17 350
—	—	—	—	—	—	—	—	—	—	—	—
388	2 435	73	260	203	156	175	558	68	90	136	7 747
—	38	—	—	—	4	—	6	—	—	—	6
—	—	—	—	—	—	—	—	—	—	—	—
17	—	11	20	3	5	—	76	10	21	4	158
9	—	—	—	—	—	—	—	—	—	—	46
25	3	—	—	11	—	—	10	—	5	—	546
7	23	—	5	4	—	—	17	—	5	—	53
46	58	5	26	20	10	5	61	5	—	—	792
116	1 949	14	46	87	43	4	109	19	22	21	340
—	1 239	—	5	—	—	—	41	—	—	18	4 340
5	18	—	—	—	—	—	11	—	—	15	152
—	—	—	—	—	—	—	—	—	—	—	—
5	—	5	12	5	11	—	42	—	18	4	440
5	14	—	—	—	9	—	4	6	10	—	273
6	3	—	—	—	—	—	35	6	6	—	63
141	329	22	10	—	37	5	25	7	9	5	128
—	—	16	141	73	37	161	133	21	—	64	128
159	450	13	1 193	—	158	34	272	19	47	101	1 298
—	—	—	—	—	—	—	—	—	—	—	53
—	12	—	—	—	—	—	—	—	—	—	—
—	74	—	—	—	—	—	—	—	—	—	4
—	19	—	—	—	—	—	—	—	—	—	24
—	96	—	5	—	47	—	47	4	—	5	79
65	136	9	1 166	—	158	24	53	4	22	76	692
—	81	—	6	—	—	—	10	—	4	—	132
6	—	—	—	—	—	—	12	—	—	5	178
83	32	4	5	—	—	5	145	10	21	5	188
—	—	—	—	—	—	—	5	—	—	9	48

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

SACRAMENTO SMSA—Continued

Total employed—Continued

Deliverymen and routemen	67	193	20	165	15	13	30	66	15	29	16	694
Truck drivers	27	54	6	142	—	8	30	10	9	14	5	51
Other transport equipment operatives	24	139	14	12	10	5	—	25	6	10	5	268
Lebaners, except farm	59	248	43	426	217	58	11	424	46	65	67	1 246
Freight, stock, and material handlers	13	13	33	50	8	16	11	27	11	17	9	705
Other specified laborers	6	212	43	340	179	16	—	334	25	39	55	496
Miscellaneous laborers	23	9	—	6	9	—	—	—	—	4	3	8
Not specified laborers	17	14	—	30	30	9	—	54	10	5	3	57
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	848	215	1 639	7 087	1 001	3 845	1 590	2 702	592	618	718	4 792
Cleaning service workers	425	163	672	1 011	163	666	112	1 514	255	291	49	962
Personal service workers	176	29	436	2 818	427	39	47	441	133	158	14	163
Guards and watchmen	110	18	18	18	51	5	—	28	16	—	9	438
Other service workers, including private household	89	139	511	4 138	360	3 136	1 431	719	188	169	646	3 229
Female employed	1 866	548	1 627	7 922	1 188	7 476	4 381	14 254	2 686	3 229	3 700	19 391
Professional, technical, and kindred workers	276	30	37	161	210	2 948	979	7 981	1 552	1 009	1 135	1 878
Accountants	56	6	19	—	—	15	16	47	5	41	5	594
Computer specialists	6	—	—	—	—	—	—	—	—	—	—	183
Life and physical scientists	—	—	—	—	—	—	—	—	—	—	—	31
Registered nurses, dietitians, and therapists	32	—	—	58	—	2 385	550	242	15	20	5	58
Social scientists	25	5	18	63	73	10	5	31	5	5	—	27
Writers, artists, and entertainers	152	19	137	40	—	526	408	7 519	7	61	87	36
Other professional, technical, and kindred workers	—	—	—	—	—	—	—	—	—	—	—	949
Managers and administrators, except farm	83	19	165	135	32	93	130	320	171	122	48	708
Salaried	46	37	93	56	14	93	118	330	132	308	33	708
Self-employed	37	19	72	79	18	36	36	—	39	4	15	—
Sales workers	122	13	20	61	56	13	10	21	—	16	22	31
Clerical and kindred workers	1 152	356	253	820	423	1 283	1 725	4 618	622	1 704	1 923	15 895
Bookkeepers	92	133	43	53	29	106	213	210	18	187	211	801
Cashiers	10	19	92	18	187	49	5	123	19	19	7	149
Counter clerks, except food	—	24	50	211	5	—	—	13	—	6	—	15
File clerks	58	—	—	19	—	85	53	130	4	44	14	1 405
Office machine operators	86	—	5	—	—	24	16	81	4	50	49	1 472
Bookkeeping and billing machine operators	—	—	—	—	—	8	—	—	—	—	—	72
Receptionists	24	9	6	45	14	155	482	100	16	78	36	203
Stenographers	276	39	32	38	64	256	493	1 510	251	601	779	2 048
Typographers	40	5	—	5	5	11	44	67	—	49	21	736
Typists	157	—	5	29	9	156	203	611	95	459	113	3 615
Other clerical and kindred workers	409	127	20	102	110	441	216	1 771	225	230	693	5 063
Craftsmen and kindred workers	19	17	15	43	5	5	38	113	8	—	19	425
Foremen, n.e.c.	4	—	5	—	—	—	—	4	—	—	—	70
Operatives, except transport	42	40	5	938	—	111	23	115	5	13	38	233
Assemblers, examiners, and inspectors, manufacturing	—	—	—	11	—	—	—	—	—	—	—	25
Packers and wrappers, except meat and produce	3	—	—	4	—	—	—	—	—	—	—	—
Other operatives, except transport	39	40	5	923	—	111	23	115	5	13	38	156
Transport equipment operatives	6	17	—	10	5	—	15	15	10	5	—	18
Laborers, except farm	—	9	—	35	5	10	—	30	—	4	—	141
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	166	47	1 132	6 019	402	3 013	1 481	1 031	308	356	515	432
Cleaning service workers	127	9	530	33	22	400	50	51	51	51	34	132
Personal service workers	24	19	366	1 953	135	47	135	240	118	142	14	98
Other service workers, including private household	15	19	236	4 033	245	2 589	1 364	814	139	84	467	202

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

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(1)

		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
SALINAS-MONTEREY SMSA												
Total employed												
Professional, technical, and kindred workers												
Accountants	27	208	13	35	479	3	39	169	155	658	218	427
Architects	—	50	—	10	23	112	—	11	6	170	29	12
Computer specialists	—	12	—	—	—	5	—	—	—	—	—	—
Engineers	—	22	—	—	—	24	—	5	—	4	5	5
Chemical	—	—	—	—	—	6	—	—	—	—	9	—
Civil	—	—	—	—	—	—	—	—	—	—	—	—
Electrical and electronic	—	—	—	—	—	12	—	5	—	4	12	—
Industrial	—	—	—	—	—	—	—	—	—	—	—	—
Mechanical	—	—	—	—	—	6	—	—	—	—	11	—
Other engineers	—	22	—	—	—	—	—	—	—	—	—	—
Mathematical specialists	—	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists	—	—	—	—	—	15	—	—	—	—	—	—
Chemists	—	—	—	—	—	10	—	—	—	—	4	—
Physicists	—	—	—	—	—	10	—	—	—	—	4	—
Personal and labor relations workers	—	6	—	—	—	5	—	—	—	5	10	—
Social scientists	—	—	—	—	—	5	—	—	—	7	—	—
Engineers and science technicians	—	10	—	6	—	44	—	—	—	—	5	—
Draftsmen	—	10	—	—	—	—	—	—	—	—	10	—
Electrical and electronic engineering technicians	—	—	—	—	—	—	—	—	—	—	—	—
Industrial and mechanical engineering technicians	—	—	—	—	—	—	—	—	—	—	—	—
Technicians, except health, and engineering and science	—	—	—	—	—	5	—	—	—	—	5	—
Writers, artists, and entertainers	—	—	—	—	—	4	—	6	—	150	5	—
Other professional, technical, and kindred workers	—	—	—	4	20	5	—	—	6	—	13	7
Managers and administrators, except farm												
Buyers, purchasing agents, and sales managers	—	10	5	12	32	101	7	17	—	38	7	36
Other managers and administrators	—	10	5	12	32	19	7	17	—	5	6	—
Salaried	—	10	5	12	32	82	7	17	—	33	7	—
Self-employed	—	—	—	—	—	72	7	5	—	28	7	—
Other clerical and kindred workers	—	—	—	—	—	10	—	12	—	5	—	—
Sales workers												
—	—	—	—	—	16	15	—	5	9	137	15	15
Bookkeepers	14	33	—	—	73	296	5	21	20	141	34	43
Cashiers	—	4	—	—	10	60	—	9	5	28	13	21
Estimators and investigators, n.e.c.	—	—	—	—	—	6	—	—	—	—	—	—
Office machine operators	—	4	—	—	—	5	—	—	—	—	—	—
Shipping and receiving clerks	6	—	—	—	5	17	—	—	—	10	—	—
Stock clerks and stockpilers	8	—	—	—	5	39	5	12	—	—	10	—
Other clerical and kindred workers	—	5	—	—	58	11	—	—	—	5	10	6
—	—	20	—	—	—	158	—	—	15	98	21	16
Craftsmen and kindred workers												
Blacksmiths, farriers, hammermen, and boilermakers	9	48	4	7	91	529	4	16	29	127	45	26
Brickmasons and stonemasons	—	—	—	—	—	—	—	—	—	—	—	—
Carpenters	—	—	—	—	—	—	—	—	—	—	—	—
Cranemen, derrickmen, and hoistmen	—	—	—	—	—	—	—	—	—	—	—	—
Electricians	—	6	—	—	—	20	—	—	—	—	—	—
Excavating, grading, and road machine operators	—	—	—	—	—	25	—	—	—	—	—	—
Foremen, n.e.c.	5	8	—	7	11	237	—	6	9	17	19	5
Mechanics and repairmen	—	4	4	—	—	152	4	—	10	7	16	5
Automobile, including body	—	—	—	—	—	—	—	—	—	—	6	—
Machinists, job setters, and toolmakers	—	16	—	—	—	11	—	—	—	—	6	—
Metal craftsmen, except mechanics and machinists	—	—	—	—	—	5	—	—	—	—	—	—
Painters, construction and maintenance, and plasterers and paperhangers	—	5	—	—	—	4	—	—	—	—	4	—
Printers and pipe fitters	—	—	—	—	—	—	—	—	—	—	—	—
Printing craftsmen	—	—	—	—	4	—	—	—	—	120	—	—
Stationary engineers and power station operators	—	—	—	—	4	24	—	—	5	—	5	—
Other craftsmen and kindred workers	—	—	—	—	72	51	—	10	5	—	5	16
Operatives, except transport												
Assemblers	4	61	—	—	189	1 578	23	99	87	35	26	690
Checkers, examiners, and inspectors; manufacturing	4	—	—	—	17	10	—	—	—	—	—	9
Filers, polishers, sanders, and buffers	—	7	—	—	—	24	—	—	—	—	5	14
Painters; manufactured articles	—	—	—	—	9	6	—	—	—	—	4	—
Precision machine operators	—	—	—	—	—	19	—	—	—	—	—	5
Welders and flamecutters	—	4	—	—	—	3	—	—	—	—	7	—
Other specified operatives	—	24	—	—	10	890	—	—	5	—	—	219
Machine operatives, miscellaneous specified	—	11	—	—	129	159	23	99	8	16	12	431
Machine operatives, not specified	—	—	—	—	10	164	—	—	42	—	4	39
Miscellaneous operatives	—	5	—	—	9	254	—	—	28	—	5	4
Not specified operatives	—	4	—	—	4	49	—	—	4	8	5	29

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 miscel. inelastic products	Other nondurable goods, incl. not specified manufacturing
Total employed - Continued													
SAUNAS-MONTEREY SMSA - Continued													
Transport equipment operatives					8	140			4	6	24	51	
Deliverymen and routemen						56				6		6	
Track drivers						46					13	9	
Other transport equipment operatives		6			8	38			4		11	36	
Laborers, except farm					31	178					38	68	24
Freight, stock, and material handlers					6	94					16	39	24
Other specified laborers					25	3					5	9	
Miscellaneous laborers						22					17	20	
Not specified laborers						58							
Farm workers													
Service workers, including private household													51
Cleaning service workers					16	126				4		9	5
Personal service workers					5	89				4		9	
Guards and watchmen						6							
Other service workers, including private household					11	15							46
Female employed	4	30		14	109	1 348		146	19	276	39	72	252
Professional, technical, and kindred workers													
Accountants						43		6		77			
Computer specialists						5							
Life and physical scientists													
Registered nurses, dietitians, and therapists						5						8	
Social scientists, statisticians, and mathematicians													
Writers, artists, and entertainers						4		6		68			
Other professional, technical, and kindred workers						29				9			7
Managers and administrators, except farm													
Salaries						17		5		17			
Self-employed						17		5		17			
Sales workers													
Clerical and kindred workers													
Bookkeepers					36	203		21	15	126	34	47	26
Cashiers					10	47		9	5	28	13		21
Counter clerks, except food						6							
File clerks													
Office machine operators						4				5			
Bookkeeping and billing machine operators						13				5		5	
Receptionists													
Secretaries					15	45			5	32		38	5
Stenographers						9				27		4	
Typists						79		12	5	20			
Other clerical and kindred workers					11								
Craftsmen and kindred workers													
Foremen, n.e.c.					6	29		10		14			5
Operatives, except transport													
Assemblers					63	1 022		99	4	18		17	158
Checkers, examiners, and inspectors, manufacturing					11	5							7
Packers and wrappers, except meat and produce						13							
Other operatives, except transport					52	445		5				17	151
Transport equipment operatives													
Laborers, except farm					4	10							10
Farm workers													
Service workers, including private household													
Cleaning service workers						24							46
Personal service workers						7							
Other service workers, including private household						6							46

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]

	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communications	Utilities and sanitary services	Wholesale trade	Retail Trade				Insurance	Finance and real estate	
							General merchandise retailing	Food stores	Automotive dealers and gasoline stations	Eating and drinking places			Other retail trade
SALINAS-MONTEREY SMSA													
Total employed	214	760	681	1 241	1 101	3 682	2 155	1 890	2 299	3 693	5 321	779	2 567
Professional, technical, and kindred workers	—	—	31	132	104	208	32	5	17	60	142	23	57
Accountants	—	—	6	6	—	—	—	—	—	—	—	—	32
Architects	—	—	—	—	—	—	—	—	—	—	—	—	—
Computer specialists	—	—	—	—	5	—	—	—	—	—	—	—	—
Engineers	—	—	3	43	32	9	—	—	—	—	—	—	—
Chemical	—	—	—	—	—	—	—	—	—	—	—	—	—
Electrical and electronic	—	—	—	43	—	—	—	—	—	—	—	—	—
Industrial	—	—	—	—	5	—	—	—	—	—	—	—	—
Mechanical	—	—	3	—	—	—	—	—	—	—	—	—	—
Other engineers	—	—	—	—	27	9	—	—	—	—	—	—	—
Mathematical specialists	—	—	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists	—	—	—	—	10	7	—	—	—	—	—	—	—
Chemists	—	—	—	—	4	—	—	—	—	—	—	—	—
Personnel and labor relations workers	—	—	—	5	16	16	20	—	11	11	—	6	4
Social scientists	—	—	—	—	—	—	—	—	—	—	—	—	—
Engineering and science technicians	—	—	—	17	20	11	—	—	—	—	—	—	—
Draftsmen	—	—	—	12	20	5	—	—	—	—	—	—	—
Electrical and electronic engineering technicians	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial and mechanical engineering technicians	—	—	—	—	—	—	—	—	—	—	—	—	—
Technicians, except health, and engineering and science	—	—	—	5	—	7	—	—	6	—	—	—	—
Writers, artists, and entertainers	—	—	—	44	11	16	4	—	—	49	—	—	—
Other professional, technical, and kindred workers	—	—	7	12	5	22	5	—	—	—	—	—	13
Managers and administrators, except farm	27	77	54	133	114	468	265	377	416	484	921	110	569
Buyers, purchasing agents, and sales managers	4	9	5	6	6	114	109	63	26	4	105	11	11
Other managers and administrators	27	73	49	124	108	354	156	314	390	480	816	99	558
Salaried	27	43	40	118	73	253	145	183	211	211	440	81	467
Self-employed	—	30	9	6	35	101	11	131	165	269	376	18	91
Sales workers	—	6	17	19	22	449	1 147	260	400	61	2 019	311	696
Clerical and kindred workers	38	102	120	601	169	458	343	502	180	143	727	319	1 001
Bookkeepers	4	22	8	33	17	120	41	45	131	37	265	71	108
Cashiers	—	5	—	—	8	20	101	391	3	100	96	—	10
Estimators and investigators, n.e.c.	—	—	—	5	33	—	—	—	—	—	7	—	—
Office machine operators	—	—	—	4	—	—	—	—	—	—	—	—	—
Shipping and receiving clerks	—	5	8	—	—	56	5	5	—	—	—	—	—
Stock clerks and storekeepers	—	—	—	6	—	29	13	12	—	—	13	—	—
Other clerical and kindred workers	34	70	104	549	111	233	149	47	46	6	265	242	829
Craftsmen and kindred workers	107	33	80	349	380	420	137	85	464	17	598	5	33
Blacksmiths, forgers, hammermen, and boilermakers	—	—	—	—	—	—	—	—	—	—	—	—	—
Brickmasons and stonemasons	—	—	—	—	—	10	—	—	—	—	—	—	—
Carpenters	5	—	—	—	—	6	—	—	—	—	—	—	—
Cranemen, derrickmen, and hoistmen	—	—	—	—	46	6	5	5	—	—	—	—	—
Electricians	5	—	6	—	32	46	—	—	—	—	—	—	—
Excavating, grading, and road machine operators	17	10	12	37	74	183	49	18	27	7	34	—	—
Foremen, n.e.c.	58	17	58	12	59	69	49	15	406	5	188	5	3
Mechanics and repairmen	—	17	10	—	8	5	17	10	395	—	11	—	—
Automobile, including body	—	—	—	—	6	6	—	—	6	—	—	—	—
Machinists, job setters, and toolmakers	—	—	—	—	—	—	—	—	—	—	—	—	—
Metal craftsmen, except mechanics and machinists	—	—	—	—	6	17	—	—	—	—	—	—	—
Painters, construction and maintenance, and plasterers and paperhangers	—	—	—	—	3	—	—	—	—	—	—	—	—
Plumbers and pipe fitters	—	—	—	5	—	—	—	—	—	—	—	—	—
Pricing craftsmen	—	—	—	4	30	14	—	—	—	—	—	—	—
Stationary engineers and power station operators	22	6	4	291	124	60	34	47	19	5	310	—	5
Other craftsmen and kindred workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Operatives, except transport	10	18	—	—	40	971	21	226	689	—	204	—	5
Assemblers	5	—	—	—	—	4	—	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—
Filers, polishers, sanders, and buffers	—	—	—	—	—	—	—	—	—	—	—	—	—
Painters, manufactured articles	—	—	—	—	—	—	—	—	—	—	—	—	—
Precision machine operatives	—	—	—	—	—	—	—	—	—	—	—	—	—
Welders and flamecutters	5	—	—	—	18	4	—	—	—	—	—	—	—
Other specified operatives	—	14	—	—	8	810	15	206	661	—	145	—	—
Machine operatives, miscellaneous specified	—	—	—	—	5	26	—	—	17	—	14	—	—
Machine operatives, not specified	—	—	—	—	9	34	6	20	—	—	29	—	—
Miscellaneous operatives	—	—	—	—	—	14	—	—	—	—	9	—	—
Not specified operatives	—	4	—	—	—	—	—	—	—	—	—	—	—

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

SALINAS-MONTEREY SMSA—Continued

Total employed—Continued

	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communications	Utilities and sanitary services	Wholesale trade	Retail trade				Insurance	Finance and real estate
							General merchandise retailing	Food stores	Automotive dealers and gasoline stations	Eating and drinking places		
Transport equipment operatives	15	453	354	7	105	502	28	65	52	31	277	11
Deliverymen and roustabouts	—	45	—	7	79	199	23	53	31	17	170	—
Truck drivers	—	388	—	—	48	198	5	6	15	14	51	—
Other transport equipment operatives	15	20	354	—	48	105	—	6	6	—	56	11
Labarers, except farm	13	71	9	—	148	272	50	328	52	—	154	55
Freight, stock, and material handlers	—	63	9	—	21	116	45	328	75	—	34	52
Other specified laborers	13	4	—	—	63	45	5	—	15	—	34	—
Miscellaneous laborers	—	—	—	—	25	37	—	—	—	—	23	3
Not specified laborers	—	4	—	—	10	74	—	—	16	—	22	—
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	4	—	16	—	19	34	132	42	19	2 897	279	140
Cleaning service workers	—	—	7	—	6	20	34	4	29	51	54	5
Personal service workers	—	—	9	—	—	9	17	—	—	28	13	—
Guards and watchmen	—	—	—	—	—	—	4	—	5	5	—	28
Other service workers, including private household	4	—	—	—	13	5	77	38	5	2 813	231	34
Female employed	10	103	214	621	92	1 037	1 539	648	244	1 982	2 442	1 292
Professional, technical, and kindred workers	—	—	6	28	—	26	25	—	—	14	49	19
Accountants	—	—	6	6	—	6	—	—	—	3	—	9
Computer specialists	—	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists	—	—	—	—	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	—	—	—	—	—	—	—	—	—	—	—	—
Social scientists	—	—	—	—	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	—	—	—	5	—	7	4	—	—	14	11	4
Other professional, technical, and kindred workers	—	—	—	17	—	13	21	—	—	—	35	6
Managers and administrators, except farm	—	17	22	27	—	11	152	52	20	147	252	156
Salaried	—	12	17	27	—	11	146	26	10	84	142	136
Self-employed	—	5	5	—	—	—	6	26	10	83	110	20
Sales workers	—	—	17	5	—	28	909	158	15	32	1 174	185
Clerical and kindred workers	10	73	41	546	67	311	313	305	156	137	636	848
Bankkeepers	—	15	8	33	10	114	36	45	122	37	271	93
Cashiers	—	—	—	4	8	16	95	242	3	94	78	10
Counter clerks, except food	—	—	—	—	—	—	14	—	—	—	9	5
File clerks	—	—	—	—	—	5	—	—	—	—	—	—
Office machine operators	—	—	—	4	—	—	5	—	—	—	12	—
Bookkeeping and billing machine operators	—	—	—	—	—	—	—	—	—	—	6	—
Receptionists	—	28	—	26	25	61	36	7	15	—	9	25
Secretaries	—	—	—	—	—	—	—	—	—	—	—	—
Stenographers	—	19	—	7	—	20	—	6	—	—	60	180
Typists	—	—	—	30	—	84	15	6	—	—	—	7
Other clerical and kindred workers	10	11	33	442	24	84	112	5	16	6	197	29
Craftsmen and kindred workers	—	—	—	15	3	25	42	5	—	5	76	11
Foremen, n.e.c.	—	—	—	11	—	20	21	—	—	—	19	11
Operatives, except transport	—	4	—	—	—	573	16	77	28	—	76	—
Assemblers	—	—	—	—	—	4	—	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing	—	—	—	—	—	—	—	—	—	—	—	—
Packers and wrappers, except meat and produce	—	—	—	—	—	56	5	7	—	—	—	—
Other operatives, except transport	—	4	—	—	—	513	11	70	28	—	76	—
Transport equipment operatives	—	9	119	—	15	7	—	—	7	—	6	7
Labarers, except farm	—	—	—	—	—	51	10	23	5	—	26	7
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	—	—	9	—	—	—	—	—	—	—	—	—
Cleaning service workers	—	—	—	—	—	5	72	28	13	1 647	147	66
Personal service workers	—	—	9	—	—	5	6	—	8	—	10	11
Other service workers, including private household	—	—	—	—	7	—	6	—	5	6	13	21
	—	—	—	—	—	—	60	28	5	1 641	124	34

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.)

Occupation	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
SALINAS-MONTEREY SMSA												
Total employed	1 113	1 079	1 826	3 689	916	2 065	2 018	5 577	1 253	1 240	2 004	6 718
Professional, technical, and kindred workers	145	35	47	184	190	816	711	3 552	783	571	1 159	991
Accountants	16	9	23	5							165	72
Architects											86	5
Computer specialists	35							10			19	19
Engineers	27							5	6		68	52
Chemical											37	
Electrical and electronic	6								6		6	3
Industrial	17											
Mechanical												
Other engineers	4							5				5
Mathematical specialists												
Life and physical scientists	11			6		4		15	10		9	11
Chemists									6		4	55
Personnel and labor relations workers	29		6	4				11		5	14	10
Social scientists	5							13			4	87
Engineering and science technicians	8							29			53	19
Draftsmen								4			16	74
Industrial and electronic engineering technicians								10			8	16
Industrial and mechanical engineering technicians								7				26
Technicians, except health, and engineering and science	14	6	18	81	126			21		10	230	101
Writers, artists, and entertainers				68	62	812	706	3 433	767	513	506	33
Other professional, technical, and kindred workers		20										463
Managers and administrators, except farm												
Buyers, purchasing agents, and sales managers	97	87	369	125	109	42	56	281	78	130	74	660
Other managers and administrators	4		6							5	17	47
Salaried	80	43	221	125	109	42	56	281	78	130	74	660
Self-employed	13	44	142	54	26		9	281	78	130	74	660
Sales workers	55	37	5	31	42		6	5	4	12	31	30
Clerical and kindred workers	300	113	220	219	141	241	415	984	166	216	514	2 106
Bookkeepers	10	31	57	12	60	38	49	42	20	18	75	96
Cashiers	19	14	5	12	17	14	14	15		4	19	22
Estimators and investigators, n.e.c.											4	39
Office machine operators											4	64
Shipping and receiving clerks				8		6	3	44				29
Stock clerks and storekeepers								0				85
Other clerical and kindred workers	252	68	152	183	67	163	349	827	146	194	435	1 774
Craftsmen and kindred workers	127	522	31	69	38	32	54	99	31	31	75	478
Blacksmiths, farriers, hammermen, and boilermakers		7										
Brickmasons and stonemasons		5	4	7	4			6				35
Carpenters												22
Craftsmen, derrickmen, and hoistmen	4									4		
Electricians												11
Excavating, grading, and road machine operators		5	9	16	11			6	9	10	13	55
Foremen, n.e.c.	31											170
Mechanics and repairmen	47	401	8		17		5	10	5			32
Automobile, including body		262						9				23
Machinists, job setters, and toolmakers		2										8
Metal craftsmen, except mechanics and machinists	6	4		12		11		36	4			10
Painters, construction and maintenance, and plasterers and paperhangers	2							14				45
Plumbers and pipe fitters												5
Printing craftsmen									3			12
Stationary engineers and power station operators	32	98	5	28	6	9	49	18	10	12	54	81
Other craftsmen and kindred workers	18	114	22	460	14	39	13		7	11	11	134
Operatives, except transport												
Assemblers												
Checkers, examiners, and inspectors; manufacturing												
Fillers, polishers, sanders, and buffers												
Painters, manufactured articles		25										15
Precision machine operatives		4										88
Welders and flamecutters		62										5
Other specified operatives	10	17	22	439	14	39	13		7	11	7	16
Machine operatives, miscellaneous specified				7								10
Machine operatives, not specified	4	6		5								10
Miscellaneous operatives												
Not specified operatives												

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

SALINAS—MONTEREY SMSA—Continued

Total employed—Continued

Occupation	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
Deliverymen and roulemen	17	38	5	60	11	19	—	6	—	11	—	63
Truck drivers	11	34	—	34	6	3	—	6	—	—	—	11
Other transport equipment operatives	6	28	5	13	5	16	—	—	—	5	—	28
Lebaners, except farm	53	101	24	280	132	44	16	76	14	14	9	177
Freight, stock, and material handlers	29	4	—	18	5	28	—	20	5	—	4	92
Other specified laborers	11	77	19	236	127	12	13	56	14	9	4	65
Miscellaneous laborers	4	15	5	4	—	4	—	—	—	—	—	—
Not specified laborers	9	5	—	22	—	—	3	—	—	—	—	20
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	301	52	1 103	2 261	237	832	747	614	174	244	131	1 479
Cleaning service workers	248	6	127	36	51	126	89	125	50	69	28	133
Personal service workers	—	—	—	817	70	10	24	—	84	60	5	36
Guards and watchmen	42	—	—	—	—	—	—	—	—	—	—	—
Other service workers, including private household	11	46	350	1 408	136	696	634	143	40	115	93	1 005
Female employed	399	116	1 171	2 493	365	1 679	1 425	3 197	800	611	918	1 826
Professional, technical, and kindred workers	28	—	23	78	55	717	294	2 023	522	199	320	302
Accountants	10	—	10	5	—	—	—	8	—	5	60	19
Computer specialists	—	—	—	—	—	—	—	4	—	—	—	—
Life and physical scientists	—	—	—	—	—	629	197	31	—	—	—	18
Registered nurses, dentists, and therapists	—	—	—	57	—	—	—	—	—	—	—	—
Social scientists	—	—	—	—	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	—	—	13	11	21	—	—	6	—	33	70	31
Other professional, technical, and kindred workers	13	—	—	5	34	88	97	1 968	522	181	190	234
Managers and administrators, except farm	7	—	377	47	41	15	42	65	28	54	21	90
Self-employed	7	—	106	19	26	15	33	65	28	54	21	90
Sales workers	16	—	5	25	42	—	—	5	—	12	17	10
Clerical and kindred workers	276	100	379	209	124	223	405	844	145	194	497	1 225
Bookkeepers	29	27	44	6	14	33	49	36	15	12	65	35
Cashiers	—	14	—	12	51	14	—	15	4	4	—	19
Office clerks, except food	9	—	55	80	—	5	12	6	—	4	4	22
File clerks	—	—	—	—	—	—	3	34	—	—	—	4
Office machine operators	—	—	—	—	—	—	—	—	—	—	—	—
Boys cleaning and billing machine operators	—	—	—	—	—	—	—	—	—	—	—	—
Receptionists	12	11	8	7	49	14	130	11	3	19	5	16
Secretaries	52	26	46	46	—	48	158	258	55	91	223	288
Stenographers	5	—	—	—	—	—	5	—	—	—	—	—
Typists	42	5	4	8	5	38	4	96	4	29	9	211
Other clerical and kindred workers	127	17	62	50	5	71	44	384	68	35	145	482
Craftsmen and kindred workers	5	5	5	11	—	5	16	12	—	—	5	7
Foremen, n.e.c.	—	—	—	5	—	—	—	—	—	—	—	—
Operatives, except transport	4	11	22	390	5	27	7	—	7	7	4	49
Assemblers	—	—	—	—	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	—	—	—	—	—	—	—	—	—	—	—	—
Packers and wrappers, except meat and produce	—	—	—	—	—	—	—	—	—	—	—	—
Other operatives, except transport	4	11	22	390	5	27	7	—	7	7	—	49
Transport equipment operatives	—	—	—	—	6	—	—	—	—	—	—	—
Lebaners, except farm	6	—	4	16	—	15	3	4	—	4	—	3
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	57	—	756	1 917	92	677	658	244	98	141	54	140
Cleaning service workers	57	—	516	11	12	79	46	5	5	32	10	16
Personal service workers	—	—	100	569	25	10	19	105	20	55	10	20
Other service workers, including private household	—	—	140	1 337	55	588	593	134	26	54	44	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.)

Persons 16 years and over	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing						
				Furniture, lumber, and wood products	Stone, clay, and glass products	Primary ferrous industries	Primary nonferrous industries	Fabricated metal industries, including non-specified metal	Machinery, except electrical	Electrical machinery, equipment, and supplies
375 023	18 359	2 639	25 350	1 764	5 144	8 020	2 400	4 971	3 626	5 623
55 453	842	131	1 161	63	347	482	217	251	434	1 002
2 576	41	10	72	20	34	43	34	14	10	50
164	29	4	4	—	—	15	7	8	70	23
701	6	—	4	—	—	126	69	121	159	455
5 663	40	9	581	—	—	—	—	—	—	29
1 077	11	—	512	—	—	9	—	5	—	268
1 342	4	—	8	—	—	11	—	11	14	38
1 777	4	—	21	—	—	32	21	56	72	72
3 663	15	—	9	—	—	11	5	17	48	17
505	—	—	363	—	—	33	33	44	59	69
1 830	10	39	31	—	—	69	—	—	—	—
122	—	—	6	—	—	—	—	—	—	—
1 008	38	40	10	8	77	51	37	—	6	—
429	—	27	313	8	77	46	37	—	6	—
1 433	4	—	27	9	10	49	12	6	35	22
404	—	—	36	—	—	—	—	—	4	—
3 604	84	36	323	14	77	116	32	67	98	325
973	10	—	92	4	11	33	15	47	82	82
101	12	—	489	—	—	4	12	5	10	218
772	39	5	90	—	—	15	—	—	4	—
35 872	450	5	65	—	—	11	10	5	20	43
28 970	58	12	164	37	53	43	42	60	90	53
61 403	524	203	1 596	163	215	122	98	378	214	312
7 252	168	50	341	29	127	25	8	78	38	64
4 351	19	10	219	—	—	9	—	—	—	—
1 420	4	10	112	—	—	248	4	25	11	17
1 540	4	10	27	—	—	8	—	5	5	—
1 174	—	4	12	25	25	14	26	59	35	43
1 934	—	11	37	—	—	16	59	96	10	34
43 732	333	118	960	113	213	469	130	286	227	463
57 218	569	825	13 964	524	1 266	2 948	591	1 336	1 007	925
225	—	5	15	—	5	45	17	21	—	—
599	—	—	96	—	13	69	—	20	—	—
4 569	29	11	497	118	106	491	12	92	10	—
960	5	—	723	—	—	270	27	35	29	51
2 803	12	36	905	13	93	272	16	13	—	—
2 489	64	205	1 011	5	107	512	196	265	224	296
7 384	174	205	727	32	202	316	136	203	164	177
14 968	351	83	2 825	32	422	462	8	203	—	—
5 423	30	4	1 171	6	92	204	97	238	430	161
2 481	4	—	25	17	92	204	97	238	430	161
1 720	—	5	217	—	27	379	86	206	83	90
2 013	21	—	1 383	10	7	26	10	16	5	5
1 880	28	—	1 150	—	19	88	—	24	16	—
1 243	5	—	1 077	14	12	6	—	13	9	34
782	—	18	205	—	21	64	—	—	—	—
13 102	72	51	3 015	243	57	237	10	152	30	111
38 499	363	883	1 376	529	1 667	2 353	1 046	1 950	1 377	2 513
4 497	4	—	55	86	31	46	31	227	321	1 217
2 144	—	—	2 144	32	130	164	109	156	127	393
272	—	—	220	9	24	18	60	60	18	20
588	—	14	395	26	47	155	29	30	35	19
1 203	—	5	1 090	12	26	26	94	20	21	130
2 867	27	92	303	—	47	155	94	472	211	329
17 974	213	772	882	193	170	708	239	472	140	254
3 386	27	—	2 880	92	404	308	169	363	69	189
1 611	15	—	1 404	32	311	333	153	137	135	123
2 788	59	—	2 788	64	313	262	58	119	25	94
1 169	—	—	900	11	66	225	32	57	46	51

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.]

	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 specified metal	Machinery, except electrical	Electrical machinery, equipment, and supplies	
The State Standard Metropolitan Statistical Areas of 250,000 or More												
SAN BERNARDINO-RIVERSIDE-ONTARIO SMSA - Continued												
Total employed - Continued												
Transport equipment operatives	14 295	291	385	915	689	259	96	149	75	45		
Deliverymen and routemen	3 347	46	36	37	84	7	5	13	10	14		
Truck drivers	6 537	192	327	775	451	92	21	80	45	11		
Other transport equipment operatives	4 411	53	30	104	154	160	70	56	20	20		
Laborers, except farm												
Freight, stock, and material handlers	18 715	1 881	74	3 316	416	806	72	244	41	41		
Other specified laborers	5 615	8	57	107	221	159	35	105	20	23		
Miscellaneous laborers	10 230	1 842	10	3 203	44	20	10	13	10	10		
Not specified laborers	1 096	13	—	—	25	218	13	66	—	—		
	1 774	18	7	6	126	291	4	60	11	8		
Farm workers												
	13 296	13 296	—	—	—	—	—	—	—	—		
Service workers, including private household												
Cleaning service workers	54 349	953	31	179	107	325	40	100	40	70		
Personal service workers	9 818	106	98	98	79	209	14	55	23	28		
Guards and watchmen	6 213	27	15	—	—	11	—	—	—	—		
Other service workers, including private household	1 789	41	14	—	14	53	8	21	4	26		
	36 549	89	52	—	14	52	18	24	13	16		
Female employed												
Professional, technical, and kindred workers	137 003	3 099	118	1 545	503	488	317	721	712	2 227		
Accountants	22 288	82	16	50	37	27	9	21	16	75		
Computer specialists	882	10	—	18	14	18	—	—	—	11		
Life and physical scientists	—	—	—	—	—	—	—	—	—	—		
Registered nurses, dietitians, and therapists	103	—	—	—	8	—	—	—	—	—		
Social scientists	4 807	5	—	—	—	4	—	21	—	5		
Writers, artists, and entertainers	103	—	—	—	—	—	—	—	—	—		
Other professional, technical, and kindred workers	839	39	4	—	—	—	—	—	—	—		
	15 586	33	4	28	10	5	5	—	4	59		
Managers and administrators, except farm	6 475	19	3	72	16	11	3	34	11	8		
Salaried	4 803	5	3	59	16	11	3	24	11	8		
Self-employed	1 672	14	—	13	—	—	—	10	—	—		
Sales workers	12 124	13	—	16	—	—	—	5	13	—		
Clerical and kindred workers	47 007	424	84	1 129	177	266	128	221	258	491		
Cashiers	6 214	132	16	297	54	29	9	68	55	42		
Counter clerks, except food	3 514	5	—	—	—	5	—	5	—	—		
File clerks	995	—	—	—	—	—	—	—	—	—		
Office machine operators	1 180	5	—	10	14	32	8	9	4	27		
Bookkeeping and billing machine operators	252	—	—	—	—	6	—	5	—	—		
Receptionists	1 806	47	38	—	8	—	—	5	11	32		
Secretaries	12 023	111	17	450	33	114	4	7	5	16		
Stenographers	584	6	41	—	—	—	—	—	—	—		
Typists	3 849	23	5	38	9	10	6	5	17	3		
Other clerical and kindred workers	16 238	95	30	215	53	61	28	43	26	134		
Craftsmen and kindred workers	2 158	23	6	143	16	36	15	41	35	105		
Foremen, n.e.c.	481	12	—	14	5	5	5	11	—	14		
Operatives, except transport	11 350	130	—	56	220	84	149	382	370	1 530		
Assemblers	2 238	—	—	37	11	31	24	153	123	1 064		
Checkers, examiners, and inspectors; manufacturing	757	—	—	—	24	—	—	97	67	199		
Packers and wrappers, except meat and produce	962	67	—	—	48	—	—	36	21	16		
Other operatives, except transport	7 393	63	19	—	137	53	48	134	159	271		
Transport equipment operatives	836	14	4	18	9	—	—	6	—	—		
Laborers, except farm	1 194	170	—	38	25	12	—	24	—	18		
Farm workers	2 161	2 161	—	—	—	—	—	—	—	—		
Service workers, including private household	31 310	63	5	23	3	52	4	7	17	—		
Cleaning service workers	2 830	14	—	17	—	46	—	7	4	—		
Personal service workers	4 534	20	—	—	—	—	—	—	—	—		
Other service workers, including private household	23 946	29	5	6	3	6	4	—	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.]

	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
Total employed	1 181	6 491	3 773	3 097	4 610	4 023	360	1 519	1 354	3 335	2 245	1 364	1 780
Professional, technical, and kindred workers.....	77	1 323	122	1 081	592	165	—	5	67	478	274	63	129
Architects.....	9	88	33	20	29	34	—	—	15	10	19	6	—
Computer specialists.....	5	37	—	100	5	6	—	—	—	—	—	6	—
Engineers.....	41	728	27	555	75	8	—	—	14	5	92	23	5
Chemical.....	—	18	—	—	—	—	—	—	—	—	40	—	—
Civil.....	—	19	—	—	—	—	—	—	—	—	12	—	—
Electrical and electronic.....	11	126	—	113	27	—	—	—	14	5	20	—	—
Industrial.....	19	88	27	55	22	4	—	—	12	—	20	—	—
Mechanical.....	11	92	—	119	5	4	—	—	—	—	12	—	—
Other engineers.....	11	385	—	268	21	8	—	—	—	—	9	—	—
Mathematical specialists.....	—	4	—	10	5	—	—	—	—	—	—	—	—
Life and physical scientists.....	—	19	—	22	—	41	—	—	6	—	75	—	6
Chemists.....	—	59	—	—	10	17	—	—	6	—	75	—	6
Personnel and labor relations workers.....	—	6	—	—	—	5	—	—	—	11	10	—	4
Social scientists.....	5	145	25	236	60	31	—	—	12	7	56	—	14
Engineering and science technicians.....	5	49	35	140	25	10	—	—	—	—	—	—	14
Electric and electronic engineering technicians.....	—	53	—	10	5	—	—	—	5	—	—	—	—
Industrial engineering technicians.....	—	16	—	—	—	—	—	—	—	—	—	—	—
Teachers, except health and engineering and science.....	6	72	22	69	41	9	—	—	5	—	4	—	8
Writers, artists, and entertainers.....	11	132	9	65	271	14	—	—	15	15	—	—	92
Other professional, technical, and kindred workers.....	77	337	263	235	292	16	—	—	44	325	93	54	122
Managers and administrators, except farm.....	32	84	96	33	37	89	—	—	4	50	15	5	10
Buyers, purchasing agents, and sales managers.....	45	167	253	202	255	285	—	—	30	275	78	49	112
Other managers and administrators.....	3	235	132	202	212	222	—	—	21	172	63	44	96
Salaried.....	10	18	35	—	43	63	—	—	10	103	15	5	16
Self-employed.....	29	16	48	16	54	146	—	—	37	635	188	5	176
Sales workers.....	149	916	238	489	517	48	—	—	144	520	239	103	178
Clerical and kindred workers.....	33	23	52	24	37	10	—	—	26	114	26	5	17
Bookkeepers.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Cashiers.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Estimators and investigators, n.e.c.....	5	19	6	19	6	5	—	—	5	17	9	—	14
Office machine operators.....	20	59	54	17	25	32	—	—	8	43	40	—	—
Shipping and receiving clerks.....	13	85	16	30	14	4	—	—	9	5	45	—	—
Stock clerks and order clerks.....	78	708	105	362	435	266	—	—	87	384	116	42	147
Other clerical and kindred workers.....	209	1 649	1 542	432	1 023	535	—	—	243	1 084	427	249	270
Craftsmen and kindred workers.....	—	5	—	—	—	—	—	—	—	—	—	—	—
Blacksmiths, forgemen, hammermen, and boilermakers.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Brickmasons and stonemasons.....	22	26	455	23	6	14	—	—	5	—	31	—	—
Carpenters.....	4	10	—	—	—	4	—	—	—	—	—	—	—
Cranemen, derrickmen, and hoistmen.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Electricians.....	41	324	199	103	121	9	—	—	70	151	135	127	29
Excavating, grading, and road machine operators.....	55	575	61	106	61	131	—	—	25	15	72	46	18
Foremen, n.e.c.....	24	6	—	—	—	—	—	—	—	—	—	—	—
Mechanics and repairmen.....	41	302	37	112	65	14	—	—	19	5	52	55	26
Automobile, including body.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Machinists, job setters, and toolmakers.....	13	168	156	21	18	5	—	—	4	4	11	4	5
Metal craftsmen, except mechanics and machinists.....	5	34	34	5	—	—	—	—	—	—	—	—	—
Painters, construction and maintenance, and plasterers and paperhangers.....	12	11	112	15	—	5	—	—	—	—	10	—	—
Plumbers and pipe fitters.....	—	—	—	—	—	—	—	—	46	—	7	—	—
Printing craftsmen.....	—	—	—	—	—	34	—	—	—	902	44	—	—
Stationary engineers and power station operators.....	—	6	—	4	—	—	—	—	—	—	—	—	—
Other craftsmen and kindred workers.....	16	71	307	22	728	136	—	—	5	—	13	7	172
Operatives, except transport.....	500	2 035	1 206	735	1 787	1 367	210	1 235	593	179	790	780	729
Assemblers.....	229	890	415	224	280	24	5	45	19	11	91	40	19
Checkers, examiners, and inspectors; manufacturing.....	34	248	68	172	98	46	21	56	46	—	71	83	90
Filters, polishers, sanders, and buffers.....	11	20	4	14	6	—	—	—	—	—	—	—	—
Painters; manufactured articles.....	23	80	50	16	21	5	—	—	6	—	—	—	—
Precision machine operatives.....	107	156	32	40	38	—	—	—	—	—	—	—	—
Welders and flamecutters.....	35	157	153	67	1023	16	—	—	155	37	186	—	9
Other specified operatives.....	9	159	41	13	114	334	—	—	191	57	221	—	36
Machine operatives, miscellaneous specified.....	12	98	5	41	49	119	—	—	103	17	86	—	15
Machine operatives, not specified.....	12	97	160	13	83	119	—	—	57	57	106	—	36
Miscellaneous operatives.....	15	63	133	10	35	43	—	—	15	—	16	—	17

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)

		Manufacturing - Continued					Nonmanufacturing							
		Durable goods - Continued			Nondurable goods		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		22	75	86	31	122	653	5	-	94	68	82	26	76
Standard Metropolitan Statistical Areas of 250,000 or More		-	12	-	13	18	374	5	-	14	57	8	6	4
Deliverymen and route men		11	30	17	9	32	174	-	-	24	6	35	4	9
Truck drivers		11	33	69	9	72	105	-	-	56	5	40	16	63
Other transport equipment operatives		-	-	-	-	-	-	-	-	-	-	-	-	-
LABORERS, EXCEPT FIRM		38	6	185	29	129	246	19	18	98	8	68	60	68
Freight, stock, and material handlers		26	6	15	20	11	111	19	12	79	3	30	17	9
Other specified laborers		-	-	67	6	118	59	-	-	4	5	-	20	59
Miscellaneous laborers		-	-	-	3	-	21	-	-	-	-	-	15	-
Not specified laborers		12	-	103	-	-	55	-	6	15	-	38	15	-
Farm workers		-	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, including private household		-	134	83	49	184	165	7	5	21	38	83	24	32
Cleaning service workers		-	57	63	26	45	90	-	5	21	34	42	20	5
Personal service workers		-	-	-	-	7	12	-	-	-	-	-	-	-
Guards and watchmen		-	40	11	11	14	12	7	-	-	-	38	4	6
Other service workers, including private household		-	37	9	12	118	51	-	-	-	4	3	-	21
Female employed		161	946	422	710	1 123	1 039	196	1 318	341	1 001	478	501	624
Professional, technical, and kindred workers		15	96	10	34	21	26	-	-	10	143	13	-	4
Accountants		4	22	5	6	10	12	-	-	-	-	4	-	-
Computer specialists		-	-	-	-	-	-	-	-	-	-	-	-	-
Life and physical scientists		-	8	-	10	-	10	-	-	5	-	-	-	-
Registered nurses, dentists, and therapists		11	6	-	-	-	-	-	-	-	-	-	-	-
Social scientists		-	-	-	-	-	-	-	-	-	-	-	-	-
Writers, artists, and engravers		-	5	-	10	-	-	-	-	5	143	-	-	-
Other professional, technical, and kindred workers		-	55	5	8	11	4	-	-	-	-	9	-	4
Managers and administrators, except farm		-	5	14	4	14	18	-	19	5	73	10	6	9
Salaried		-	5	14	4	14	18	-	14	5	60	5	6	9
Self-employed		-	-	-	-	-	-	-	5	-	13	5	-	-
Sales workers		-	-	-	-	-	19	5	-	-	136	15	-	42
Clerical and kindred workers		111	443	143	325	373	283	26	53	70	426	166	42	138
Bookkeepers		27	7	46	19	32	54	-	5	15	109	21	5	17
Cashiers		-	-	5	-	-	5	-	-	-	-	-	-	-
Counter clerks, except food		-	-	-	5	-	9	11	-	-	19	-	-	-
File clerks		6	26	-	15	5	7	-	-	-	9	-	-	-
Office machine operators		5	15	-	26	-	5	-	-	5	17	-	-	10
Bookkeeping and billing machine operators		-	-	-	-	7	-	-	-	-	23	4	-	-
Receptionists		45	5	16	-	7	6	-	18	31	61	10	-	25
Secretaries		10	185	50	175	98	126	-	-	3	5	68	6	25
stenographers		18	4	7	8	11	28	-	7	3	7	14	5	13
Typists		10	60	4	41	11	7	-	23	9	107	44	27	73
Other clerical and kindred workers		6	77	82	17	57	34	6	76	7	164	11	26	29
Craftsmen and kindred workers		-	7	10	-	22	9	6	61	-	41	5	23	-
Foremen, n.e.c.		-	-	-	-	-	-	-	-	-	-	-	-	-
Operatives, except transport		22	303	151	310	620	606	145	1 164	234	45	248	396	397
Assemblers		16	161	88	25	153	18	5	49	41	7	73	35	5
Checkers, examiners, and inspectors; manufacturing		-	29	-	31	37	31	21	41	23	-	24	63	23
Packers and wrappers, except meat and produce		-	-	5	10	11	149	11	62	131	-	34	225	369
Other operatives, except transport		6	113	58	109	419	408	100	1 071	38	38	117	225	369
Transport equipment operatives		-	-	5	9	7	3	-	-	6	10	-	-	-
Laborers, except farm		7	-	12	5	12	14	14	6	9	-	10	30	-
Farm workers		-	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, including private household		-	22	5	6	19	36	-	-	-	4	5	-	5
Cleaning service workers		-	-	-	-	-	-	-	-	-	-	-	-	-
Personal service workers		-	-	-	-	-	-	-	-	-	-	-	-	-
Other service workers, including private household		-	22	5	6	15	36	-	-	-	4	5	-	5

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)

Occupation	Railroads and railway express service	Tracking service and warehousing	Other transportation	Communications	Utilities and sanitary services	Wholesale trade	Retail trade				Insurance	Finance and real estate	
							General merchandise retailing	Food stores	Automotive dealers and gasoline stations	Eating and drinking places			Other retail trade
SAN BERNARDINO—RIVERSIDE—ONTARIO SMSA													
Total employed	5 007	3 992	2 825	7 227	7 492	12 708	10 503	10 069	11 005	15 043	21 702	3 878	12 664
Professional, technical, and kindred workers	107	24	265	866	739	339	181	58	103	179	673	80	315
Accountants	18	9	27	23	89	112	62	16	43	—	51	15	153
Architects	—	—	—	—	—	—	—	—	—	—	—	—	—
Computer specialists	—	—	—	9	—	49	—	5	—	—	17	—	10
Engineers	6	4	33	363	195	60	11	—	6	—	13	—	5
Chemical	—	—	—	—	—	—	—	—	—	—	—	—	—
Civil	—	—	—	25	78	5	—	—	—	—	—	—	—
Electrical and electronic	—	—	—	283	69	6	—	—	—	—	—	—	—
Industrial	—	—	—	12	69	—	—	—	—	—	—	—	—
Mechanical	—	—	—	10	38	—	—	—	—	—	—	—	—
Other engineers	—	—	—	38	10	—	—	—	—	—	—	—	—
Other engineers	—	—	—	4	5	—	—	—	—	—	—	—	—
Mathematical specialists	—	—	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists	—	—	—	—	—	—	—	—	—	—	—	—	—
Chemists	—	—	—	—	—	—	—	—	—	—	—	—	—
Personnel and labor relations workers	23	6	16	106	18	26	61	10	28	19	34	20	49
Social scientists	40	—	12	174	11	—	—	—	—	—	—	—	—
Engineering and science technicians	10	—	12	20	220	24	—	—	—	—	—	—	—
Draftsmen	15	—	12	107	32	9	—	—	—	—	—	—	—
Electrical and electronic engineering technicians	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial and mechanical engineering technicians	—	—	—	—	—	—	—	—	—	—	—	—	—
Technicians, except health, and engineering and science	—	—	—	143	23	4	—	—	—	—	—	—	—
Writers, artists, and entertainers	—	—	—	170	130	45	30	11	5	148	53	11	59
Other professional, technical, and kindred workers	20	5	19	10	—	—	17	16	21	12	481	13	25
Managers and administrators, except farm													
Buyers, purchasing agents, and sales managers	451	321	197	325	423	1 477	1 222	1 417	2 118	1 632	3 367	305	2 779
Other managers and administrators	444	311	197	46	29	506	1 964	2 843	1 009	27	641	1 736	4 894
Salaries	444	311	197	469	394	971	702	1 074	1 877	1 605	2 726	241	2 735
Self-employed	—	176	33	10	10	758	556	650	1 192	855	2 227	—	2 452
Sales workers													
Clerical and kindred workers	23	39	40	63	101	2 534	5 526	1 489	1 979	327	8 408	1 703	3 668
Bookkeepers	—428	367	385	3 009	1 562	1 836	1 964	2 863	1 009	700	9 952	1 736	4 894
Cashiers	12	5	5	115	183	487	236	219	509	120	626	136	520
Estimators and investigators, n.e.c.	5	4	5	12	69	43	490	57	28	482	577	92	83
Office machine operators	18	4	4	178	77	108	15	15	28	—	104	—	103
Shipping and receiving clerks	9	15	6	22	40	77	46	47	—	—	27	—	188
Stock clerks and stockkeepers	29	10	10	104	27	176	134	146	20	—	46	—	11
Other clerical and kindred workers	355	267	334	2 369	1 166	983	791	258	415	98	85	—	22
Craftsmen and kindred workers													
Blacksmiths, farriers, hammermen, and boilermakers	2 993	289	451	2 623	2 751	1 320	542	451	2 278	82	2 082	22	186
Brickmasons and stonemasons	27	—	—	5	12	6	—	—	—	—	—	—	—
Carpenters	39	5	15	5	20	23	38	6	19	—	—	—	32
Cement masons, bricklayers, and blocklayers	20	—	7	6	25	26	—	4	—	—	—	—	—
Croftsmen, derrickmen, and hoistmen	248	5	19	5	157	27	—	—	—	—	—	—	—
Electricians	16	9	119	—	119	21	—	—	—	—	—	—	—
Excavating, grading, and road machine operators	215	107	59	221	370	431	138	103	55	25	25	7	43
Foremen, n.e.c.	650	306	306	161	622	572	258	45	2 080	18	613	—	44
Mechanics and repairmen	110	135	41	18	67	126	82	26	2 005	4	69	—	—
Automobile, including body	265	112	16	—	16	47	—	4	21	—	6	—	—
Machinists, jig setters, and toolmakers	—	—	—	—	—	—	—	—	—	—	—	—	—
Metal craftsmen, except mechanics and machinists	65	4	10	—	12	12	4	4	—	—	21	—	—
Painters, construction and maintenance, and plasterers and paperhangers	37	4	7	—	18	11	—	—	16	—	5	—	31
Plumbers and pipe fitters	66	4	—	6	75	5	—	—	5	—	26	—	—
Printing craftsmen	—	—	—	—	—	—	—	—	—	—	—	—	—
Stationary engineers and power station operators	636	20	12	14	322	124	99	285	82	39	1 131	15	28
Other craftsmen and kindred workers	—	—	—	2 200	983	5	—	—	—	—	—	—	—
Operatives, except transport													
Assemblers	309	103	100	25	294	2 286	90	1 224	3 042	75	566	8	27
Checkers, examiners, and inspectors; manufacturing	6	—	—	5	4	30	—	—	5	—	29	—	—
Filers, polishers, sanders, and buffers	—	—	—	—	—	—	—	—	—	—	—	—	—
Painters, manufactured articles	—	—	—	—	—	—	—	—	—	—	—	—	—
Precision machine operatives	38	—	—	—	—	—	—	—	—	—	—	—	—
Welders and flamecutters	81	—	16	10	126	65	—	—	—	—	—	—	—
Other specified operatives	46	80	21	—	84	1 590	81	1 162	2 845	21	439	8	27
Machine operatives, miscellaneous specified	10	4	4	—	11	192	4	23	29	28	27	—	—
Machine operatives, not specified	28	5	5	—	8	174	5	14	16	—	15	—	—
Miscellaneous operatives	65	14	59	4	61	174	5	20	51	—	12	—	—
Not specified operatives	15	—	—	8	—	48	—	—	—	—	—	—	—

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)

	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communications	Utilities and sanitary services	Wholesale trade	Retail Trade					Insurance	Finance and real estate
							General merchandise retailing	Food stores	Automotive dealers and gasoline stations	Eating and drinking places	Other retail trade		
The State													
Standard Metropolitan Statistical Areas of 250,000 or More													
SAN BERNARDINO-RIVERSIDE-ONTARIO SMSA—Continued													
Total employed—Continued													
Transport equipment operatives.....	761	2 566	1 216	39	726	1 722	185	315	194	103	850	5	24
Deliverymen and routemen.....	12	204	5	13	10	945	156	205	99	73	459	5	4
Truck drivers.....	44	2 318	32	194	194	541	29	95	65	3	286	—	5
Other transport equipment operatives.....	645	44	1 179	—	522	246	—	15	30	27	105	—	15
Laborers, except farm													
Freight, stock, and material handlers.....	500	265	61	21	705	1 021	270	2 112	178	39	841	5	305
Other specified laborers.....	40	237	22	5	258	603	262	2 017	117	6	372	5	9
Miscellaneous laborers.....	94	—	6	16	307	146	—	38	5	5	367	—	265
Not specified laborers.....	169	—	12	—	109	141	—	4	52	28	66	—	13
197	—	28	21	—	31	131	8	54	—	—	—	—	18
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household													
Cleaning service workers.....	105	18	110	56	191	243	523	439	104	11 906	1 663	14	466
Personal service workers.....	51	6	17	31	91	95	154	115	96	223	150	14	332
Guards and watchmen.....	12	5	55	9	41	8	17	5	—	48	23	—	26
Other service workers, including private household.....	20	7	38	16	59	109	41	23	3	11 635	1 470	—	45
112	—	—	—	—	—	—	311	296	—	—	—	—	60
Female employed													
Professional, technical, and kindred workers.....	231	318	832	2 848	1 096	3 031	7 159	3 272	1 187	8 763	9 912	1 473	6 629
Accountants.....	10	—	15	110	125	42	126	28	22	37	153	10	72
Computer specialists.....	5	—	6	5	32	20	42	6	18	—	25	10	37
Life and physical scientists.....	—	—	—	—	—	12	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists.....	—	—	—	—	—	—	3	4	—	7	4	—	6
Social scientists.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Writers, artists, and entertainers.....	—	—	4	2	11	4	26	6	—	22	5	—	14
Other professional, technical, and kindred workers.....	5	—	5	77	64	6	55	12	4	8	102	—	15
Managers and administrators, except farm													
Salaried.....	12	44	58	69	42	134	445	243	85	559	939	53	929
Self-employed.....	12	17	52	69	42	104	379	116	61	270	481	48	866
27	—	6	—	—	—	30	66	127	24	289	458	5	63
Sales workers	9	4	21	30	28	158	4 387	763	75	218	4 441	139	1 052
Clerical and kindred workers													
Bookkeepers.....	116	184	250	2 548	771	1 226	1 708	1 601	831	654	2 767	1 263	4 377
Cashiers.....	5	38	17	86	125	28	228	172	444	99	875	116	466
File clerks, except food.....	6	3	4	12	64	10	471	1 225	23	469	541	22	85
Office machine operators.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Bookkeeping and billing machine operators.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Receptionists.....	13	88	26	139	185	279	151	35	16	36	344	17	74
Secretaries.....	21	16	23	13	49	—	85	6	5	5	71	1 089	1 089
Typists.....	58	39	157	2 013	288	286	637	137	117	24	800	183	196
Other clerical and kindred workers.....	—	—	—	—	—	—	—	—	—	—	—	—	2 131
Craftsmen and kindred workers	10	—	6	86	23	39	72	70	53	23	263	—	13
Foremen, n.e.c.....	—	—	6	17	—	20	38	18	7	7	19	—	13
Operatives, except transport													
Assemblers.....	—	14	10	5	18	1 272	70	192	79	18	216	4	17
Checkers, examiners, and inspectors; manufacturing.....	—	—	—	—	4	20	—	—	—	—	6	—	—
Packers and wrappers, except meat and produce.....	—	—	—	—	—	—	13	28	—	15	17	—	—
Other operatives, except transport.....	—	8	10	—	14	1 047	57	164	79	3	193	4	17
Transport equipment operatives	12	72	437	—	46	32	5	5	5	12	25	—	—
Laborers, except farm.....	4	—	6	—	11	72	64	168	6	—	135	—	16
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household													
Cleaning service workers.....	58	—	29	—	32	56	282	202	31	7 242	973	4	153
Personal service workers.....	10	—	—	—	5	11	8	—	—	26	19	—	4
Other service workers, including private household.....	12	—	24	—	—	6	6	—	5	27	20	—	13
36	—	—	5	—	27	45	266	202	—	7 187	934	—	38

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.]

Occupation	Industry Group											
	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
SAN BERNARDINO—RIVERSIDE—ONTARIO SMSA												
Total employed	6 415	6 933	5 528	14 157	4 188	14 010	8 253	28 056	7 471	6 152	8 735	28 062
Professionals, technical, and kindred workers	1 108	142	205	324	786	5 257	3 114	16 120	3 460	2 854	4 142	4 801
Accountants	127	4	78	5	13	30	16	60	17	31	507	481
Architects	6	—	—	—	—	11	—	6	—	—	14	14
Computer specialists	50	5	—	—	—	29	26	27	8	28	28	157
Engineers	306	19	5	—	5	29	—	12	5	11	457	820
Chemical	—	—	—	—	—	—	—	—	—	—	—	5
Civil	16	6	—	—	—	—	5	—	—	6	—	154
Electrical and electronic	35	13	—	—	—	—	—	—	—	—	—	195
Industrial	33	—	—	—	—	—	—	—	—	—	—	248
Mechanical	13	—	—	—	—	—	—	—	—	—	—	145
Other engineers	209	—	—	—	—	12	21	12	5	5	167	168
Mathematical specialists	16	—	—	—	—	—	—	—	—	—	—	53
Life and physical scientists	61	6	12	—	—	17	25	19	10	—	42	235
Chemists	10	—	—	—	—	—	5	61	—	—	—	37
Personnel and labor relations workers	161	—	5	—	6	25	37	81	—	23	5	433
Social scientists	44	—	—	—	—	31	—	87	—	—	18	106
Engineers and science technicians	162	5	—	—	7	16	—	168	52	10	406	500
Draftsmen	38	—	—	—	—	—	—	—	—	7	—	84
Electrical and electronic engineering technicians	24	5	—	—	—	6	—	16	14	—	39	205
Industrial and mechanical engineering technicians	5	—	—	—	—	—	—	—	—	—	—	6
Mechanics, except health, and engineering and science	116	15	54	82	453	19	6	21	15	—	6	357
Writers, artists, and entertainers	16	76	51	91	302	5 079	2 981	82	338	177	2 220	2 392
Other professional, technical, and kindred workers	59	—	—	138	—	—	—	44	44	2 580	—	1 413
Managers and administrators, except farm	592	511	1 378	722	360	298	258	1 491	491	462	—	2 870
Buyers, purchasing agents, and sales managers	37	11	9	12	5	11	10	42	23	11	5	206
Other managers and administrators	555	500	1	710	248	287	338	1 449	468	451	388	2 684
Salaried	342	201	705	398	275	281	153	1 449	472	439	288	2 684
Self-employed	193	299	664	312	80	6	95	—	56	12	49	—
Sales workers	310	104	20	139	200	23	15	64	55	42	41	61
Clerical and kindred workers	1 598	599	605	912	580	2 145	1 731	4 906	1 645	1 556	2 582	9 550
Bookkeepers	141	178	135	281	144	120	158	281	23	144	460	462
Cashiers	10	4	44	40	5	36	11	101	33	24	37	123
Estimators and investigators, n.e.c.	5	—	16	5	—	11	15	17	13	17	13	175
Office machine operators	93	32	13	5	9	19	9	192	68	14	64	354
Shipping and receiving clerks	9	—	—	—	—	—	—	—	—	—	—	75
Stock clerks and storekeepers	49	11	397	14	18	48	6	74	4	6	11	386
Other clerical and kindred workers	1 224	360	—	706	282	1 786	1 543	4 344	1 472	1 347	2 003	7 975
Craftsmen and kindred workers	691	4 048	159	422	268	273	229	732	164	144	160	2 784
Blacksmiths, farriers, hammermen, and boilermakers	—	36	—	—	—	11	—	—	—	—	—	10
Brickmasons and stonemasons	—	9	23	23	29	15	5	90	13	40	18	124
Carpenters	25	—	—	—	—	—	—	—	—	—	—	5
Cranemen, derrickmen, and hoistmen	17	4	15	—	18	40	—	48	—	—	—	231
Electricians	31	—	10	—	5	—	5	13	5	—	—	49
Excavating, grading, and road machine operators	40	56	14	46	18	29	5	58	39	19	25	299
Foremen, n.e.c.	238	—	13	67	92	72	14	195	21	12	26	1 326
Mechanics and repairmen	35	2 030	—	14	—	—	—	50	5	5	—	353
Automobile, including body	17	111	6	5	—	—	—	—	—	—	—	62
Machinists, job setters, and toolmakers	—	4	—	—	—	—	—	—	—	9	—	65
Metal craftsmen, except mechanics and machinists	17	15	12	27	—	29	5	63	20	20	—	111
Painters, construction and maintenance, and plasterers and paperhangers	16	10	9	—	7	12	—	37	6	—	—	99
Plumbers and pipe fitters	15	—	4	—	—	13	5	34	10	10	—	49
Printing craftsmen	9	—	14	12	—	41	—	12	6	—	—	66
Stationary engineers and power station operators	227	545	39	242	99	11	191	162	36	34	85	295
Other craftsmen and kindred workers	446	670	70	1 545	44	230	72	200	59	86	113	702
Operatives, except transport	15	12	—	6	—	—	5	—	—	15	15	11
Assemblers	—	19	—	—	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing	—	87	—	—	—	—	—	—	—	—	—	—
Filters, polishers, sanders, and buffers	—	24	—	—	—	—	—	—	—	—	—	—
Painters, manufactured articles	—	240	—	—	—	—	—	—	—	—	—	—
Precision machine operatives	147	214	70	1 499	39	207	67	78	32	19	5	82
Welders and flamecutters	17	35	—	6	—	11	—	10	—	30	69	466
Other specified operatives	19	6	—	—	—	—	—	—	—	4	10	32
Machine operatives, miscellaneous specified	214	24	—	—	—	6	—	—	—	—	—	9
Machine operatives, not specified	—	—	—	—	—	—	—	—	—	—	—	—
Miscellaneous operatives	—	—	—	—	—	—	—	—	—	—	—	—
Not specified operatives	—	9	—	29	5	—	—	7	21	33	10	11

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

SAN BERNARDINO-RIVERSIDE-ONTARIO SMSA - Continued

Total employed - Continued

Occupation	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
Transport equipment operatives												
Deliverymen and roulemen	157	249	-	224	30	37	36	82	5	40	28	415
Truck drivers	79	46	-	150	19	6	24	35	-	16	-	30
Other transport equipment operatives	59	82	-	32	11	21	12	5	-	11	18	233
	19	121	-	42	11	10	-	42	-	13	-	152
Laborers, except farm												
Freight, stock, and material handlers	259	385	178	840	581	119	20	501	216	116	97	1 048
Other specified laborers	22	7	6	30	18	60	-	24	7	29	4	399
Miscellaneous laborers	61	334	152	678	520	49	16	428	199	77	83	592
Miscellaneous laborers	138	39	6	5	23	-	-	51	-	10	5	17
Not specified laborers	38	5	14	127	20	10	4	39	10	10	5	40
Farm workers												
Service workers, including private household	-	-	-	-	-	-	-	-	-	-	-	-
Cleaning service workers	1 974	225	2 913	9 029	1 339	5 634	2 778	3 960	1 376	852	1 230	5 831
Personal service workers	819	25	1 380	1 559	236	911	291	1 892	523	378	69	698
Guards and watchmen	21	29	554	3 414	379	96	106	326	379	168	70	72
Other service workers, including private household	372	18	961	5 451	706	14	44	51	60	14	1 111	4 440
	62	171	-	-	-	4 613	2 337	1 282	467	294	-	-
Female employed												
Accountants	2 248	882	3 092	10 134	1 520	10 959	5 806	16 451	4 589	3 041	4 723	8 034
Professional, technical, and kindred workers												
Computer specialists	214	35	60	173	266	4 064	1 400	9 401	2 158	1 011	1 221	930
Life and physical scientists	46	-	30	4	13	7	16	46	8	5	5	170
Registered nurses, dietitians, and therapists	-	-	12	4	5	6	14	13	5	11	5	13
Social scientists	6	-	6	77	5	3 170	1 003	256	77	23	20	64
Writers, artists, and entertainers	5	-	4	36	114	13	4	11	5	11	5	11
Other professional, technical, and kindred workers	44	35	12	47	134	859	357	9 014	2 040	885	82	75
Managers and administrators, except farm	113	-	-	210	66	145	164	363	153	106	107	459
Self-employed	80	22	619	152	41	145	103	363	101	101	101	459
	52	13	333	58	25	-	61	-	34	5	6	-
	28	9	286	71	115	18	5	41	18	24	28	22
Sales workers												
Clerical and kindred workers	1 326	486	440	819	480	2 005	1 695	4 467	1 394	1 435	2 358	5 936
Bookkeepers	123	162	121	120	74	115	153	231	45	144	370	400
Cashiers	10	13	118	33	40	47	-	86	22	24	31	107
Counter clerks, except food	9	11	118	22	4	4	-	12	-	6	-	6
File clerks	40	11	4	8	4	72	84	23	23	61	5	152
Office machine operators	56	-	8	-	5	49	9	85	35	14	56	264
Bookkeeping and billing machine operators	37	11	5	95	23	16	9	57	7	10	47	10
Receptionists	384	67	36	84	90	254	534	1 461	143	64	823	65
Secretaries	26	5	4	565	565	565	610	1 461	721	674	823	1 224
Stenographers	156	4	4	11	15	224	116	476	86	214	106	283
Typists	485	213	90	242	87	641	186	1 980	314	215	911	994
Other clerical and kindred workers	42	87	12	79	9	25	29	85	31	15	21	48
Foremen, n.e.c.	14	-	-	26	4	6	-	5	12	-	-	26
Operatives, except transport												
Assemblers	148	52	46	1 075	11	136	65	84	39	17	41	71
Checkers, examiners, and inspectors; manufacturing	7	-	-	6	-	-	5	-	-	-	15	7
Packers and wrappers, except meat and produce	10	-	-	10	-	-	6	-	5	-	-	35
Other operatives, except transport	131	52	46	1 059	11	136	49	78	34	17	26	29
Transport equipment operatives												
Laborers, except farm	5	-	-	5	-	-	24	16	5	6	9	24
Farm workers	22	26	-	50	15	64	-	14	21	5	-	89
Service workers, including private household												
Cleaning service workers	278	87	1 901	7 652	558	4 502	2 424	1 980	770	422	938	455
Personal service workers	244	5	1 080	66	61	490	148	112	112	119	30	43
Other service workers, including private household	21	20	387	2 458	153	85	99	279	40	146	40	53
	13	62	434	5 128	344	3 927	2 177	1 184	379	157	868	379

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.]

Occupation	Persons 16 years and over	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing							Total	Electrical machinery, equipment, and supplies
					Durable goods								
					Furniture, lumber, and wood products	Stone, clay, and glass products	Primary ferrous industries	Primary nonferrous industries	Fabricated metal industries, including non-specified metal	Machinery, except electrical			
SAN DIEGO SMSA													
Total employed	430 495	10 209	533	28 279	75 464	1 569	1 147	248	137	3 284	5 538	9 853	
Professional, technical, and kindred workers	80 375	687	19	1 348	15 514	59	31	21	8	1 085	1 338	2 854	
Accountants	4 465	96	—	96	16	16	5	—	—	5	90	284	
Architects	498	79	—	14	14	—	—	—	—	—	—	—	
Computer specialists	2 072	6	—	13	723	—	—	—	—	—	195	87	
Engineers	11 030	62	10	665	6 665	11	9	12	4	387	500	1 269	
Chemical	96	—	—	—	83	—	—	—	—	20	—	17	
Civil	1 285	—	—	570	1 355	—	—	—	—	14	5	744	
Electrical and electronic	3 026	—	—	29	1 688	6	—	—	—	103	129	744	
Industrial	1 535	—	—	18	1 059	6	5	—	—	186	146	195	
Mechanical	1 394	45	—	19	1 017	—	—	—	—	106	184	60	
Other engineers	3 694	17	10	25	2 703	—	4	12	4	102	136	244	
Mathematical scientists	192	—	—	—	49	—	—	—	—	—	—	5	
Life and physical scientists	1 413	50	4	5	359	—	—	—	—	126	18	32	
Chemists	486	5	—	—	192	—	—	—	—	32	18	15	
Personnel and labor relations workers	1 821	12	—	18	348	—	—	—	—	47	13	63	
Social scientists	746	—	—	14	156	—	—	—	—	19	43	30	
Engineering and science technicians	6 556	72	—	353	3 129	18	3	5	—	266	293	630	
Draftsmen	1 891	16	—	169	856	13	—	—	—	37	184	576	
Electrical and electronic engineering technicians	2 184	—	—	52	1 151	5	—	—	—	39	199	570	
Industrial and mechanical engineering technicians	487	—	—	7	460	—	—	—	—	15	19	52	
Technicians, except health, and engineering and science	1 261	5	—	—	129	—	—	—	—	5	—	15	
Writers, artists, and entertainers	5 933	88	5	83	1 523	10	9	4	—	61	61	172	
Other professional, technical, and kindred workers	44 388	297	—	78	1 529	4	—	—	—	131	77	154	
Managers and administrators, except farm	39 851	238	36	3 478	4 839	137	111	17	20	288	423	768	
Buyers, purchasing agents, and sales managers	4 952	5	4	958	4	6	19	—	—	56	61	173	
Other managers and administrators	34 896	233	32	3 285	3 881	131	92	17	20	232	362	595	
Self-employed	27 108	150	27	1 173	3 388	99	79	11	15	197	322	576	
	7 791	83	5	1 113	493	32	13	6	5	35	40	19	
Sales workers	37 950	122	14	267	2 704	120	40	5	5	100	194	195	
Clerical and kindred workers	82 058	382	50	1 975	11 169	197	112	17	20	490	758	1 388	
Bookkeepers	6 610	116	11	516	1 069	36	19	—	9	43	99	163	
Cashiers	5 514	5	—	33	—	—	—	—	—	—	—	—	
Estimators and investigators, n.e.c.	2 092	15	—	326	321	22	3	—	—	8	15	41	
Office machine operators	2 980	5	—	15	764	19	—	—	—	45	38	65	
Shipping and receiving clerks	1 083	11	—	21	389	24	—	7	—	24	25	40	
Stock clerks and storekeepers	3 170	14	—	54	893	5	—	—	5	33	61	111	
Other clerical and kindred workers	58 609	216	39	1 033	7 700	91	90	10	10	520	520	918	
Craftsmen and kindred workers	58 375	222	119	14 847	16 457	578	239	24	9	333	1 198	1 378	
Blacksmiths, farriers, harness, and boilermakers	199	—	—	11	15	—	—	—	—	4	6	—	
Brickmasons and stonemasons	550	—	5	502	15	—	—	—	—	—	—	—	
Carpenters	5 034	39	—	3 553	750	154	4	—	—	14	10	10	
Cranemen, derrickmen, and hoistmen	410	3	—	102	153	—	18	—	—	—	11	6	
Electricians	2 749	8	—	1 241	442	—	—	5	3	13	33	15	
Excavating, grading, and road machine operators	1 620	6	51	1 253	65	—	49	—	—	5	11	—	
Foremen, field and team	6 889	41	25	988	3 278	70	52	9	1	163	265	503	
Mechanical repairing body	15 433	61	27	629	2 643	27	29	—	1	46	318	215	
Automobile, including body	3 345	—	12	56	1 139	—	—	—	—	—	—	—	
Machinists, job setters, and toolmakers	3 743	—	—	37	3 224	8	4	—	5	135	425	319	
Metal craftsmen, except mechanics and machinists	2 149	—	—	344	1 449	11	6	—	—	133	62	51	
Painters, construction and maintenance, and plasterers and paperhangers	2 835	10	6	1 713	365	16	—	—	—	4	15	27	
Plumbers and pipe fitters	2 574	14	—	1 371	604	—	—	—	—	5	6	—	
Printing craftsmen	1 270	10	—	1 080	1 080	—	—	—	—	—	—	—	
Stationary engineers and power station operators	817	9	—	26	216	—	—	—	—	10	21	—	
Other craftsmen and kindred workers	12 103	38	5	3 067	2 063	292	67	—	—	65	26	185	
Operators, except transport	35 945	229	121	1 648	20 677	324	186	143	70	598	1 476	3 189	
Assemblers	5 296	—	—	—	4 973	100	9	7	10	77	599	1 564	
Checkers, examiners, and inspectors; manufacturing	2 009	—	—	—	2 209	5	8	5	—	46	223	596	
Filers, polishers, sanders, and butters	522	—	—	—	261	6	8	—	—	39	21	38	
Painters, manufactured articles	1 355	—	—	—	193	—	—	4	—	—	—	—	
Precision machine operators	2 461	—	—	—	1 243	8	—	6	4	39	142	115	
Welders and flamecutters	16 979	15	28	210	1 243	16	10	46	—	134	65	371	
Other specified operatives	1 445	—	87	1 640	5 806	98	42	29	26	118	154	371	
Machine operatives, miscellaneous specified	2 314	27	—	78	1 492	39	61	22	26	46	55	106	
Machine operatives, not specified	1 014	11	—	12	764	21	10	79	—	46	79	41	
Miscellaneous operatives	2 433	25	—	54	1 058	21	28	35	—	35	88	110	
Not specified operatives	829	6	—	20	553	19	12	9	4	25	45	64	

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.)

	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
SAN DIEGO SMSA													
Total employed	276	17 287	6 038	9 444	5 210	3 265	214	2 789	250	5 370	1 124	665	1 905
Accountants	11	4 245	321	3 276	928	78	15	58	10	837	192	36	141
Architects	—	256	15	49	49	26	—	—	—	56	10	5	10
Computer specialists	—	161	5	193	5	—	—	—	—	11	—	—	—
Engineers	—	2 243	135	1 858	127	19	4	7	4	4	51	17	20
Chemical	—	—	—	16	—	—	—	—	—	—	30	—	—
Civil	—	66	—	—	—	—	—	—	—	—	—	—	—
Electrical and electronic	—	268	5	409	18	5	—	—	—	—	4	—	10
Industrial	—	349	27	409	18	10	4	—	—	4	—	—	—
Mechanical	—	318	11	243	23	4	—	—	—	4	13	8	—
Other engineers	—	398	63	826	23	—	—	—	—	—	—	—	—
Other engineers	—	1 222	34	843	69	—	—	—	4	—	4	9	10
Mathematical specialists	—	—	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists	—	23	—	17	—	—	—	—	—	—	—	—	—
Chemists	—	49	—	53	34	—	—	—	—	—	41	—	—
Physicists	—	41	—	24	27	—	—	—	—	—	35	—	—
Personnel and labor relations workers	—	117	4	7	7	5	—	7	—	19	11	—	—
Social scientists	—	11	—	55	—	—	—	5	—	—	—	—	—
Engineering and science technicians	—	910	60	506	117	9	5	—	6	32	55	6	8
Draftsmen	—	332	26	156	39	—	—	—	—	12	—	—	—
Electrical and electronic engineering technicians	—	102	23	179	36	—	—	—	6	14	—	—	—
Industrial and mechanical engineering technicians	—	292	23	67	16	—	—	—	—	—	—	—	—
Technicians, except health, and engineering and science	—	75	7	6	—	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	—	135	26	207	135	—	—	16	—	695	5	8	5
Other professional, technical, and kindred workers	—	259	54	189	488	14	—	23	—	10	13	—	98
Managers and administrators, except farm													
Buyers, purchasing agents, and sales managers	50	526	193	372	557	267	19	139	24	552	169	72	135
Other managers and administrators	14	116	36	60	77	74	—	15	5	185	39	5	17
Salaried	36	410	157	312	480	193	19	124	19	367	130	67	118
Self-employed	10	410	36	312	382	153	15	93	19	289	109	22	104
Self-employed	—	—	—	—	87	40	4	31	—	78	21	—	14
Sales workers													
Clerical and kindred workers	36	95	31	15	148	211	13	84	13	1 031	156	15	197
Bookkeepers	—	3 081	426	1 730	754	282	12	250	35	1 173	150	67	237
Cashiers	—	169	51	91	76	70	—	77	—	87	48	9	22
Estimators and investigators, n.e.c.	5	—	—	5	—	4	—	—	—	9	—	—	11
Office machine operators	—	96	27	58	4	—	—	9	5	27	—	—	—
Shipping and receiving clerks	5	257	20	198	10	25	—	31	6	38	5	—	7
Stock clerks and storekeepers	14	107	29	10	23	15	—	29	—	25	—	20	—
Other clerical and kindred workers	6	2 084	249	1 226	624	152	5	4	—	30	14	—	13
Craftsmen and kindred workers													
Blacksmiths, forgers, hammer, and boiler-makers	78	4 239	3 131	1 577	968	471	13	282	31	1 184	156	101	203
Brickmasons and stonemasons	—	59	23	—	8	—	—	—	—	—	—	—	—
Carpenters	—	0	5	—	—	—	—	—	—	—	—	—	—
Cranemen, derrickmen, and hoistmen	—	24	502	10	—	4	—	4	—	5	—	4	5
Electricians	—	38	53	22	—	—	—	—	—	—	5	—	—
Excavating, grading, and road machine operators	—	93	172	74	11	13	—	—	—	—	10	—	—
Foremen, n.e.c.	—	89	—	334	106	160	—	—	—	—	—	—	—
Mechanics and repairmen	22	1 049	331	403	88	121	4	75	21	159	52	29	32
Automobile, including body	36	19	150	16	—	121	—	70	—	25	51	10	22
Machinists, job setters, and toolmakers	13	1 371	387	435	71	5	—	—	—	10	—	36	—
Metal craftsmen, except mechanics and machinists	—	441	600	109	36	—	—	—	—	—	—	—	—
Painters, construction and maintenance, and plasterers and paperhangers	—	75	142	—	50	7	—	—	—	4	7	—	3
Plumbers and pipe fitters	—	33	541	9	15	—	—	—	—	—	—	—	—
Printing craftsmen	—	26	6	13	16	4	—	3	—	963	—	—	—
Stationary engineers and power station operators	—	30	6	55	16	28	—	—	—	—	26	6	—
Other craftsmen and kindred workers	5	99	219	63	622	129	9	130	4	18	5	16	135
Operatives, except transport													
Assemblers, examiners, and inspectors; manufacturing	55	4 494	1 665	2 160	1 537	985	133	1 888	108	399	183	248	836
Checkers, examiners, and inspectors; manufacturing	4	1 459	23	845	155	23	—	—	5	11	20	29	39
Filers, polishers, sanders, and butlers	—	634	66	294	75	37	—	57	—	18	3	19	101
Painters, manufacturers articles	3	90	—	5	—	—	—	—	—	—	—	—	—
Pressers, machine operatives	—	35	25	55	44	—	—	—	—	—	—	—	—
Welders and fitters	16	639	39	202	28	—	—	—	—	—	—	—	—
Other specified operatives	12	380	1 140	75	18	13	—	—	—	—	—	—	5
Machine operatives, miscellaneous specified	3	493	92	227	966	663	116	1 606	—	—	—	—	5
Machine operatives, not specified	8	319	76	126	93	123	—	71	14	73	40	64	631
Miscellaneous operatives	5	198	39	87	10	55	—	12	13	173	33	106	26
Not specified operatives	4	120	72	169	107	50	—	104	13	41	14	24	19
Not specified operatives	—	—	—	75	31	34	—	18	—	11	6	4	—

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.]

		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		6	168	69	45	109	734	—	13	20	105	28	—	65
Standard Metropolitan Statistical Areas of 250,000 or More		6	21	5	15	13	542	—	8	10	80	5	—	8
Truck drivers		—	50	14	12	15	173	—	5	6	25	12	—	6
Other transport equipment operatives		—	97	50	18	81	19	—	—	4	—	11	—	51
LABORERS, EXCEPT FARM		5	102	149	86	119	152	9	23	9	50	55	42	72
Freight, stock, and material handlers		—	59	40	60	37	76	9	16	9	16	26	9	8
Other specified laborers		5	37	61	26	78	23	—	—	—	17	—	—	64
Miscellaneous laborers		—	—	3	—	—	11	—	—	—	9	—	—	—
Not specified laborers		—	6	45	—	4	42	—	7	—	8	29	20	—
Farm workers		—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household		5	257	53	183	90	85	—	33	—	39	35	4	19
Personal service workers		5	156	17	82	29	56	—	29	—	29	30	4	11
Guards and watchmen		—	5	—	—	5	—	—	—	—	—	—	—	4
Other service workers, including private household		—	82	26	72	50	10	—	—	—	10	—	—	—
Other service workers, including private household		—	14	10	29	—	19	—	4	—	—	5	—	4
Female employed		5	2 607	321	1 709	1 211	696	117	2 247	86	1 742	202	202	763
Professional, technical, and kindred workers		—	250	15	194	78	34	—	39	—	222	20	—	30
Accountants		—	39	—	24	14	21	—	—	—	19	—	—	—
Computer specialists		—	38	—	32	—	—	—	3	—	5	—	—	—
Life and physical scientists		—	—	—	—	—	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists		—	26	—	15	—	—	—	—	—	—	—	—	—
Social scientists		—	—	—	—	—	—	—	—	—	—	—	—	—
Writers, artists, and entertainers		—	15	3	9	17	—	—	12	—	181	—	—	—
Other professional, technical, and kindred workers		—	132	12	114	47	13	—	24	—	17	20	—	30
Managers and administrators, except farm		—	10	—	10	57	15	5	60	13	72	11	—	19
Salaried		—	10	—	10	30	9	5	38	13	64	5	—	19
Self-employed		—	—	—	—	27	6	—	22	—	9	6	—	—
Sales workers		—	5	7	—	18	16	—	35	—	138	15	—	29
Clerical and kindred workers		—	1 450	214	940	472	173	7	224	24	891	95	53	161
Bookkeepers		—	93	45	38	62	53	—	67	—	87	35	9	4
Cashiers		—	—	—	5	—	—	—	4	—	9	—	—	11
Counter clerks, except food		—	21	—	10	—	10	—	—	—	59	—	—	—
File clerks		—	113	5	48	—	11	7	6	—	39	—	—	5
Office machine operators		—	205	20	164	10	19	—	19	—	25	5	—	—
Bookkeeping and billing machine operators		—	—	4	—	6	—	—	—	—	—	—	—	—
Receptionists		—	22	—	—	—	4	—	—	—	13	—	—	—
Secretaries		—	441	45	285	88	35	—	23	—	238	40	5	35
Stenographers		—	3	—	25	—	—	—	—	—	—	—	—	—
Typists		—	142	41	115	26	15	—	6	—	198	—	—	5
Other clerical and kindred workers		—	410	49	250	286	25	—	99	10	273	6	12	89
Craftsmen and kindred workers		—	146	55	49	73	12	4	111	4	211	6	15	25
Foremen, n.e.c.		—	—	—	—	2	5	—	35	—	40	—	4	—
Operatives, except transport		—	684	27	475	487	413	97	1 751	45	197	47	130	473
Assemblers		—	314	3	276	81	31	17	52	5	7	20	19	18
Checkers, examiners, and inspectors; manufacturing		—	92	—	73	23	31	—	9	—	7	3	3	23
Packers and wrappers, except meat and produce		—	—	—	—	21	101	—	6	—	26	—	6	—
Other operatives, except transport		—	278	24	126	362	281	74	1 671	9	157	24	96	421
Transport equipment operatives		—	8	—	5	—	5	—	—	—	10	—	—	—
Laborers, except farm		—	6	3	10	14	9	4	23	—	—	3	4	22
Farm workers		—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household		5	48	—	26	12	19	—	4	—	—	5	—	4
Personal service workers		5	33	—	26	—	5	—	—	—	—	—	—	—
Other service workers, including private household		—	10	—	—	6	14	—	4	—	—	—	—	—

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.)

	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communications	Utilities and sanitary services	Wholesale trade	Retail trade					Insurance	Finance and real estate
							General merchandise retailing	Food stores	Automotive dealers and gasoline stations	Eating and drinking places	Other retail trade		
SAN DIEGO SMSA - Continued													
Total employed - Continued													
Transport equipment operatives	58	1 484	1 730	30	525	1 703	152	373	215	152	859	40	
Deliverymen and roulemen	4	172	23	23	968	588	40	280	102	99	472	10	
Truck drivers	54	1 287	1 705	7	272	1 47	19	80	70	26	208	5	
Other transport equipment operatives		25			253			13	43	27	179	25	
Laborers, except farm	22	385	338	35	635	822	384	2 154	211	79	813	288	
Freight, stock, and material handlers	9	373	235	24	137	584	350	2 115	14	24	344		
Other specified laborers	9	6	97	5	334	124	18	5	167	12	302	234	
Miscellaneous laborers	4	6	6	6	85	34	18	34	30	7	81	10	
Not specified laborers					99	80	18	34	30	36	86	44	
Farm workers													
Service workers, including private household	15	3	429	36	215	240	882	459	120	13 889	1 772	932	
Cleaning service workers	4	3	85	16	84	107	170	119	92	313	192	11	
Personal service workers			261	4	49	13	195	11		106	14	85	
Household watchmen			5	4	23	23	88	5		17	14	64	
Other service workers, including private household	11		78	16	82	97	429	324	28	13 548	1 493	192	
Female employed	17	370	1 282	3 759	1 039	3 413	9 305	3 091	1 291	9 226	12 073	2 210	9 443
Professional, technical, and kindred workers													
Accountants		6	20	168	47	128	197	12	17	193	285	61	210
Computer specialists		6	16	13	10	9	71	7	9	18	47	35	113
Life and physical scientists													3
Registered nurses, dietitians, and therapists													17
Social scientists													12
Writers, artists, and entertainers													65
Other professional, technical, and kindred workers			4	120	33	53	33	5	8	15	165	15	17
Managers and administrators, except farm		12	111	120	24	215	518	237	105	440	1 392	78	1 515
Salaried		12	89	120	15	156	473	126	87	160	803	78	1 377
Self-employed			22	9	9	59	45	111	18	280	589		138
Sales workers	4	14	46	53	33	397	5 422	856	102	134	5 189	287	1 487
Clerical and kindred workers	6	243	662	3 392	816	1 938	2 388	1 232	913	838	3 376	1 784	5 908
Bookkeepers		66	42	75	87	525	243	914	448	164	926	132	608
Cashiers			11	63	6	54	758	15	46	574	721	4	110
Counter clerks, except food			4	42	4	56	52	8	8	5	24	5	7
File clerks			4	39	30	61	58	33	37	4	33	81	150
Office machine operators			10	63	40	99	29	15	22	10	63	29	307
Bookkeeping and billing machine operators			9	42	9	9	4		9	5	20	155	155
Receptionists		5	16	28	10	35	23		10	4	66	43	66
Secretaries	6	117	87	192	162	455	126	49	138	56	348	732	1 527
Stenographers		9	43	21	5	6	162	4	39		126	19	12
Typists		46	437	2 565	408	521	837	4	165	21	1 069	237	348
Other clerical and kindred workers												502	2 774
Craftsmen and kindred workers			26	80	33	47	125	82	42	5	344	22	22
Foremen, n.e.c.			26	26	9	19	74	18	5		57	9	9
Operators, except transport		7		9	24	519	185	276	57	36	379	6	6
Assemblers					10	79					6		
Checkers, examiners, and inspectors; manufacturing							33	6		10	22		
Packers and wrappers, except meat and produce					14	335	152	270	57	26	351		6
Other operatives, except transport				9									
Transport equipment operatives		21	186		9	64	17	4	31	41	19		
Laborers, except farm		7				61	59	144	7	26	115		24
Farm workers													
Service workers, including private household	7		231	6	43	50	494	248	17	7 512	974	271	271
Cleaning service workers			5			13	5	11	5	21	36	167	167
Personal service workers			203			13	116	31	5	55	63	30	30
Other service workers, including private household	7		23	6	43	32	365	237	12	7 437	875	74	74

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)

Detailed Characteristics	SAN DIEGO SMSA											
	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
Total employed	9 009	7 027	7 080	17 386	6 197	13 353	12 408	33 203	7 484	7 754	15 064	37 631
Professional, technical, and kindred workers	2 018	221	273	726	1 504	5 412	4 844	19 869	4 106	3 557	8 944	5 987
Accountants	400	6	141	24	39	55	24	90	10	39	1 301	780
Architects	—	—	6	—	—	—	5	8	—	—	304	46
Computer specialists	273	—	6	—	—	7	—	178	3	—	306	382
Engineers	202	16	15	12	9	10	18	116	5	30	1 042	1 110
Chemical	5	—	—	—	—	—	—	—	—	—	8	—
Civil	24	—	5	—	—	—	4	5	—	10	207	247
Electrical and electronic	58	6	—	—	—	—	—	—	—	—	385	276
Industrial	38	—	—	6	—	—	—	—	—	—	385	276
Mechanical	10	—	—	6	—	—	—	—	—	—	71	284
Other engineers	67	5	6	—	5	10	—	59	—	4	344	221
Mathematical specialists	—	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists	51	5	—	—	7	55	33	258	53	5	72	36
Chemists	15	5	—	—	—	29	6	113	8	—	307	175
Personnel and labor relations workers	293	12	—	43	4	25	16	399	19	22	76	8
Social scientists	59	—	—	—	—	5	—	56	6	—	65	396
Engineering and science technicians	199	26	4	9	18	27	35	146	6	—	81	164
Draftsmen	82	10	4	4	12	—	—	331	32	19	915	928
Electrical and electronic engineering technicians	18	16	—	5	—	10	4	83	10	—	148	483
Industrial and mechanical engineering technicians	—	—	—	—	—	—	—	—	—	—	39	15
Technicians, except health, and engineering and science	18	5	—	29	21	34	—	49	31	—	435	39
Writers, artists, and entertainers	330	29	61	289	895	34	20	157	73	248	781	251
Other professional, technical, and kindred workers	193	122	511	320	511	5 194	4 647	18 476	3 865	3 179	3 526	1 264
Managers and administrators, except farm	956	626	1 320	726	646	272	412	1 385	629	748	516	3 042
Buyers, purchasing agents, and sales managers	40	16	44	32	33	12	—	38	17	—	26	154
Other managers and administrators	887	610	1 276	694	613	260	412	1 347	612	748	490	2 888
Self-employed	653	383	976	390	424	260	100	1 347	570	728	442	2 888
Self-employed	224	227	350	304	189	—	—	—	42	20	48	—
Sales workers	562	126	48	411	258	31	28	27	35	95	169	166
Clerical and kindred workers	2 491	937	1 168	1 339	784	2 247	2 634	6 153	1 311	1 852	4 041	13 330
Bookkeepers	26	153	215	131	82	122	326	177	72	32	534	922
Cashiers	66	66	124	54	274	54	9	140	58	35	20	292
Estimators and investigators, n.e.c.	108	39	15	17	4	11	8	12	—	19	20	226
Office machine operators	215	4	15	11	4	40	40	217	48	—	210	559
Shipping and receiving clerks	—	7	—	11	—	—	—	—	—	—	—	49
Stock clerks and storekeepers	13	17	6	17	414	98	14	154	24	11	34	716
Other clerical and kindred workers	1 900	649	795	999	414	1 908	2 226	5 453	1 109	1 598	3 175	10 953
Craftsmen and kindred workers	703	3 429	255	431	358	252	396	701	128	706	291	6 370
Blacksmiths, farriers, harnessmen, and boilermakers	—	35	—	12	5	—	—	—	—	—	—	14
Brickmasons and stonemasons	—	17	34	18	10	21	5	68	26	—	5	21
Carpenters	24	—	—	—	—	—	—	—	—	—	—	—
Cement masons, bricklayers, and blocklayers	29	31	12	10	18	9	5	5	6	6	—	182
Electricians	27	—	—	—	—	—	—	—	—	—	—	49
Excavating, grading, and road machine operators	27	—	—	—	—	—	—	—	—	—	—	585
Foremen, n.e.c.	60	43	9	43	36	22	28	111	18	8	6	65
Mechanics and repairmen	231	2 654	47	81	101	54	—	195	22	14	33	395
Automobile, including body	31	1 732	—	6	101	4	—	36	9	—	51	3 152
Machinists, job setters, and toolmakers	4	29	—	4	5	4	5	27	—	—	6	348
Metal craftsmen, except mechanics and machinists	5	—	—	—	—	—	—	—	—	—	—	271
Painters, construction and maintenance, and plasterers and paperhangers	35	10	63	39	10	14	5	104	17	17	6	298
Printers and pipe fitters	32	10	22	—	8	18	—	16	9	—	15	251
Printing craftsmen	34	—	—	—	—	—	—	—	—	—	—	269
Semiconductor and photostat operators	12	5	33	—	8	77	17	30	10	5	40	40
Other craftsmen and kindred workers	191	591	35	224	157	13	331	98	—	15	20	101
Operatives, except transport	441	696	93	2 155	119	101	73	213	15	78	139	1 244
Assemblers	12	16	—	9	—	—	—	—	—	—	—	76
Checkers, examiners, and inspectors, manufacturing	—	—	—	—	—	—	—	—	—	—	—	—
Filers, polishers, sanders, and buffers	—	11	—	—	—	—	—	—	—	—	—	5
Painters, manufactured articles	—	95	—	—	—	—	—	—	—	—	—	28
Precision machine operatives	5	34	—	—	—	—	—	—	—	—	—	103
Welders and flamecutters	4	121	4	6	12	86	27	33	—	—	6	630
Other specified operatives	190	261	78	2 106	65	5	21	55	5	29	94	51
Machine operatives, miscellaneous specified	15	88	5	20	5	—	8	6	—	—	8	5
Machine operatives, not specified	24	—	—	—	—	—	—	—	—	—	—	—
Miscellaneous operatives	185	57	6	5	20	—	20	111	10	38	4	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

SAN DIEGO SMSA—Continued

Total employed—Continued

Occupation	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
Transport equipment operators	224	346	16	465	50	41	48	123	13	34	27	540
Deliverymen and routemen	110	37	6	340	7	4	25	38	5	—	—	54
Truck drivers	104	105	5	34	—	8	12	24	—	28	11	368
Other transport equipment operators	10	204	5	91	43	29	11	61	8	6	16	138
Labors, except farm	221	458	97	955	447	92	58	415	147	128	240	1 335
Freight, stock, and material handlers	34	—	10	65	—	35	—	29	10	17	9	574
Other specified laborers	65	381	62	718	351	48	53	357	133	94	235	589
Miscellaneous laborers	37	35	20	15	—	—	—	5	4	—	—	11
Not specified laborers	85	42	25	157	46	9	5	24	—	17	16	161
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	1 393	188	3 810	10 378	2 031	4 905	3 915	4 317	1 100	1 156	1 357	5 597
Cleaning service workers	848	46	1 701	147	291	724	407	2 134	317	518	108	676
Personal service workers	41	19	857	4 224	74	11	129	822	318	305	74	248
Guards and watchmen	282	—	10	36	—	—	26	46	10	11	62	389
Other service workers, including private household	222	123	1 222	6 007	964	4 096	3 353	1 315	455	322	1 113	4 304
Female employed	3 688	976	4 032	12 569	2 320	10 468	8 672	18 863	4 654	3 989	6 958	9 702
Professional, technical, and kindred workers	664	48	86	410	447	4 436	2 149	10 980	2 694	1 479	2 175	1 182
Accountants	19	—	—	19	20	33	15	74	—	23	262	347
Computer specialists	—	—	—	—	—	—	—	—	—	—	—	123
Life and physical scientists	—	—	—	—	—	—	—	—	—	—	—	21
Registered nurses, dietitians, and therapists	19	—	9	183	7	34	23	40	4	—	24	35
Social scientists	12	—	—	—	—	3 640	1 412	307	38	63	16	21
Writers, artists, and entertainers	103	15	18	94	196	25	15	49	10	5	27	66
Other professional, technical, and kindred workers	298	33	5	114	224	691	679	10 407	2 622	1 230	1 572	580
Managers and administrators, except farm	174	80	485	190	106	106	246	485	258	173	149	494
Salaries	108	61	352	102	69	140	178	485	232	168	138	494
Self-employed	66	19	133	88	37	—	68	—	26	5	11	—
Sales workers	256	56	15	308	178	21	10	13	16	48	123	88
Clerical and kindred workers	2 119	614	885	1 189	631	2 041	2 567	5 161	1 068	1 658	3 613	7 244
Bookkeepers	203	126	11	143	58	122	320	1 566	478	162	478	1 611
Cashiers	26	26	112	127	32	49	9	130	44	35	35	161
Counter clerks, except food	9	30	95	345	32	—	—	4	4	5	—	23
File clerks	69	5	—	11	—	98	41	139	22	36	30	294
Office machine operators	184	4	15	18	4	35	40	129	43	13	150	403
Bookkeeping and billing machine operators	92	—	7	—	—	19	31	5	5	—	17	9
Receptionists	95	17	45	109	16	334	563	65	121	70	117	113
Secretaries	573	117	204	77	126	439	1 155	1 584	477	684	1 477	971
Stenographers	21	4	—	—	—	—	16	32	5	39	38	352
Typists	223	16	38	34	41	254	332	641	123	303	241	1 621
Other clerical and kindred workers	756	273	201	325	113	697	291	2 281	267	311	1 047	2 842
Foremen, n.e.c.	57	66	19	89	20	—	77	49	20	8	29	143
Operatives, except transport	112	36	57	1 402	6	65	53	59	5	51	37	119
Assemblers	—	—	—	—	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing	4	—	—	—	—	—	—	—	—	—	—	—
Packers and wrappers, except meat and produce	—	—	—	—	—	—	—	—	—	—	—	—
Other operatives, except transport	108	36	57	1 597	6	65	53	59	5	51	25	98
Transport equipment operators	21	6	—	24	6	4	17	21	—	—	—	15
Labors, except farm	19	32	9	119	—	18	12	5	4	13	42	22
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	246	18	2 476	8 638	926	3 743	3 541	2 090	589	559	790	395
Cleaning service workers	145	4	1 285	55	138	368	241	1 388	52	144	32	78
Personal service workers	29	9	581	3 000	292	59	125	258	258	248	37	171
Other service workers, including private household	92	5	610	5 583	576	3 316	3 175	1 223	279	167	721	240

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.)

Occupation	Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing							
					Total	Furniture, lumber, and wood products	Stones, 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
Total employed	1 287 643	13 602	2 666	68 210	211 280	5 082	7 398	7 413	3 232	17 667	17 065	22 385
Professional, technical, and kindred workers	230 103	1 370	711	6 684	26 970	155	626	461	600	1 493	2 378	5 292
Accountants	16 380	43	150	486	2 653	40	120	65	85	220	199	231
Architects	2 372	182	—	108	68	—	—	—	—	—	—	—
Computer specialists	6 501	25	65	157	1 325	—	20	22	34	25	615	208
Engineers	24 768	59	180	3 947	7 544	10	135	108	165	509	994	2 185
Chemical	1 273	—	5	109	926	—	6	—	19	—	—	—
Civil	5 836	—	20	2 666	5 235	—	15	12	14	44	—	14
Electrical and electronic	5 481	—	13	330	2 058	—	—	50	34	31	152	1 488
Industrial	2 926	—	20	289	1 668	—	46	50	34	79	180	1 653
Mechanical	3 644	5	20	329	1 203	5	15	14	14	140	297	1 771
Other engineers	5 628	—	122	224	1 954	5	53	36	79	215	350	365
Mathematical specialists	898	6	—	5	110	—	—	—	5	6	6	11
Life and physical scientists	5 567	—	97	20	1 487	5	29	38	37	49	22	109
Chemists	2 852	12	30	20	1 272	5	29	29	29	49	8	67
Personnel and labor relations workers	6 858	37	33	—	1 094	23	45	34	24	68	74	152
Social scientists	3 217	32	8	96	493	7	27	9	40	33	24	59
Engineering and science technicians	14 810	106	83	1 077	5 322	23	98	99	101	394	577	1 674
Draftsmen	5 267	60	40	736	1 512	18	42	48	43	280	305	397
Electrical and electronic engineering technicians	3 544	—	11	27	1 591	5	—	5	6	19	168	1 117
Industrial and mechanical engineering technicians	6 177	—	—	16	273	—	—	—	—	20	45	56
Mechanics, except health, and engineering and science writers, artists, and entertainers	4 052	6	4	16	76	5	5	5	7	3	14	16
Other professional, technical, and kindred workers	17 814	204	39	417	28 055	28	80	67	34	81	119	384
Managers and administrators, except farm	126 846	615	52	323	2 743	14	60	68	68	105	134	263
Buyers, purchasing agents, and sales managers	119 603	300	209	7 434	16 058	450	547	286	398	1 203	1 524	1 645
Other managers and administrators	16 532	46	11	384	3 490	79	106	63	72	212	349	424
Salaries	103 071	254	198	7 050	12 568	371	441	223	326	991	1 175	1 221
Self-employed	83 670	144	188	4 879	11 165	291	383	208	310	899	1 067	1 181
Sales workers	19 401	110	10	2 171	1 403	80	58	15	16	92	108	40
Bookkeepers	103 606	166	12	523	9 748	313	170	96	74	406	829	456
Cashiers	292 184	935	563	7 117	32 203	788	848	867	630	2 215	2 595	3 792
Office machine operators	30 287	174	81	1 270	4 058	133	155	66	82	249	432	308
Shipping and receiving clerks	12 975	11	—	5	139	—	—	—	—	—	—	—
Other clerical and kindred workers	17 850	22	19	1 223	7 988	65	32	32	5	102	50	56
Craftsmen and kindred workers	13 775	27	77	1 644	9 556	20	142	56	47	100	148	237
Blacksmiths, forgemen, hammermen, and boilermakers	7 170	—	—	46	2 413	90	75	20	37	250	201	222
Brickmasons and stonemasons	7 494	15	4	108	1 561	15	49	23	9	98	175	274
Carpenters	212 633	681	395	4 301	21 278	463	513	608	450	1 364	1 589	2 685
Congramen, derrickmen, and hoistmen	156 214	282	468	34 426	47 020	1 552	1 442	2 418	528	4 843	4 441	3 228
Electricians	90 942	—	10	75	652	6	9	50	19	186	40	25
Excavating, grading, and road machine operators	682	5	—	514	1 223	—	—	21	—	81	—	—
Foremen, n.e.c.	11 915	—	—	8 725	1 269	234	35	37	6	51	34	41
Mechanics and repairmen	1 509	4	9	328	6 671	4	40	40	5	99	15	16
Automobile, including body	6 637	—	15	2 951	1 469	8	33	33	16	72	67	133
Machinists, job setters, and toolmakers	2 614	33	105	1 813	8 929	40	40	102	16	19	—	—
Metal craftsmen, except mechanics and machinists	38 304	101	116	2 044	6 729	61	307	492	122	1 015	608	895
Painters, construction and maintenance, and plasterers and paperhangers	8 554	22	2	81	6 893	38	62	12	74	11	34	15
Plumbers and pipe fitters	2 554	—	—	113	6 818	38	216	199	90	1 077	2 455	594
Printing craftsmen	5 140	—	—	114	3 067	19	43	532	119	661	212	198
Stationary engineers and power station operators	6 363	—	—	3 881	6 833	10	6	4	4	36	13	23
Other craftsmen and kindred workers	5 078	13	5	2 991	1 049	—	—	45	20	14	16	12
Operators, except transport	7 347	5	33	37	6 465	6	19	—	—	150	24	42
Assemblers	2 828	—	—	85	6 552	9	26	—	—	30	16	24
Checkers, examiners, and inspectors; manufacturing	38 247	37	83	8 435	942	186	173	173	37	580	55	748
Filers, polishers, binders, and buffers	103 579	136	431	2 882	62 196	1 359	2 455	2 451	780	6 143	4 624	7 179
Painters; manufactured articles	9 045	4	—	32	8 532	114	114	57	51	617	1 098	3 304
Precision machine operatives	5 642	—	—	—	5 366	36	710	113	66	559	441	1 133
Welders and flamecutters	1 345	—	—	—	523	43	16	12	9	200	58	38
Other specified operatives	2 400	—	6	—	828	47	22	32	48	100	50	86
Machine operators, not elsewhere specified	5 565	5	5	55	2 089	19	37	144	14	324	1 094	324
Machine operatives, not specified	54 230	96	374	1 756	22 487	503	484	575	226	792	412	200
Miscellaneous operatives	10 402	—	—	18	8 809	177	508	242	156	248	229	1 047
Miscellaneous operatives	4 754	6	—	16	4 096	87	188	165	97	684	474	406
Miscellaneous operatives	7 790	20	—	151	4 268	80	205	172	80	577	257	494
Not specified operatives	2 040	5	—	53	1 531	50	97	182	23	197	76	120

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.]

	Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction	Total	Manufacturing							
						Durable goods							Electrical machinery, equipment, and supplies
						Furniture, lumber, and wood products	Stone, clay, and glass products	Primary ferrous industries	Primary nonferrous industries	Fabricated metal industries including non-specified metal	Machinery, except electrical		
The State													
Standard Metropolitan Statistical Areas of 250,000 or More													
SAN FRANCISCO-OAKLAND SMSA—Continued													
Total employed—Continued													
Transport equipment operatives	43 420	212	150	1 804	6 834	179	763	191	53	619	117	99	
Deliverymen and route men	9 663	64	16	87	1 801	36	76	9	5	45	9	11	
Truck drivers	16 645	67	113	1 460	2 055	65	486	148	15	148	34	45	
Other transport equipment operatives	17 112	81	21	257	2 978	78	201	148	33	426	64	45	
Labors, except farm	49 709	3 924	76	6 848	6 472	216	410	522	128	530	149	238	
Freight, stock, and material handlers	22 622	9	44	180	3 605	136	214	70	—	313	73	165	
Other specified laborers	21 756	3 884	17	6 660	1 343	31	68	33	—	39	40	37	
Miscellaneous laborers	2 044	16	5	—	1 470	9	17	133	28	100	8	12	
Not specified laborers	3 287	15	10	8	1 054	40	111	191	30	78	28	24	
Farm workers	6 090	6 090	—	—	—	—	—	—	—	—	—	—	
Service workers, including private household	163 135	187	46	492	3 779	70	137	121	41	215	208	436	
Cleaning service workers	28 586	81	25	267	2 257	45	109	70	41	151	177	293	
Personal service workers	22 731	7	—	34	132	—	10	—	—	—	—	68	
Guards and watchmen	4 521	9	—	38	462	—	11	—	—	34	26	—	
Other service workers, including private household	107 297	90	21	153	928	25	7	34	—	30	5	70	
Female employed	497 407	2 804	558	6 096	54 609	1 204	1 619	755	745	2 967	3 361	8 533	
Professional, technical, and kindred workers	87 852	176	64	433	3 649	24	74	46	47	75	249	542	
Accountants	4 309	11	24	91	488	5	10	15	6	28	46	69	
Computer specialists	1 692	4	30	34	245	—	—	6	6	5	80	29	
Life and physical scientists	848	5	5	—	130	—	—	—	—	—	4	12	
Registered nurses, dietitians, and therapists	17 080	3	—	4	132	—	10	20	—	13	5	15	
Social scientists	803	5	—	7	29	—	5	—	—	—	4	—	
Writers, artists, and entertainers	5 510	44	—	43	1 742	9	21	—	—	5	20	54	
Other professional, technical, and kindred workers	57 610	104	5	254	1 483	10	28	5	19	24	90	363	
Managers and administrators, except farm	22 745	13	7	210	1 374	45	15	33	11	70	108	142	
Salaried	18 701	8	7	189	1 174	40	5	33	11	70	103	142	
Self-employed	4 044	5	—	21	200	5	10	—	—	—	5	—	
Sales workers	38 848	39	—	46	992	41	3	7	9	14	44	42	
Clerical and kindred workers	216 447	776	431	4 643	21 514	516	509	496	482	1 345	1 672	2 836	
Bookkeepers	25 033	163	38	1 040	3 051	123	103	29	61	189	291	10	
Cashiers	9 228	11	—	5	106	6	—	6	—	11	4	46	
Counter clerks, except food	2 718	4	4	—	454	—	6	—	—	6	—	—	
File clerks	6 953	15	36	92	668	9	24	6	5	36	31	85	
Office machine operators	10 287	16	52	100	4 434	14	19	40	47	84	100	194	
Bookkeeping and billing machine operators	1 355	—	6	29	88	—	5	—	—	6	14	—	
Receptionists	6 123	88	—	88	361	11	21	—	9	20	15	53	
Secretaries	54 026	216	106	2 002	7 280	154	186	189	257	529	806	1 178	
Stenographers	27 635	6	27	78	2 271	25	39	37	4	17	14	4	
Typists	22 188	78	35	415	2 319	66	39	37	40	137	154	316	
Other clerical and kindred workers	77 256	155	105	843	5 600	133	111	165	59	322	257	700	
Crafts and kindred workers	6 946	29	32	479	2 542	105	10	30	7	200	94	304	
Foremen, n.e.c.	1 772	11	27	38	773	10	5	5	—	38	29	135	
Operatives, except transport	35 012	60	20	81	23 533	427	993	110	184	1 214	1 165	4 533	
Assemblers	4 386	—	—	—	4 243	40	54	18	26	296	563	2 547	
Checkers, examiners, and inspectors, manufacturing	2 534	—	—	—	573	14	573	16	38	302	158	638	
Packers and wrappers, except meat and produce	4 325	27	—	6	2 860	19	214	16	2	65	65	45	
Other operatives, except transport	23 767	33	20	75	13 896	334	150	76	118	551	436	1 303	
Transport equipment operatives	1 506	3	—	18	84	5	—	—	—	5	5	—	
Labors, except farm	2 943	362	4	77	443	23	—	4	5	24	6	66	
Farm workers	1 273	1 273	—	—	—	—	—	—	—	—	—	—	
Service workers, including private household	83 815	73	—	89	478	18	15	29	—	20	18	68	
Cleaning service workers	6 684	19	—	21	128	5	5	21	—	9	18	8	
Personal service workers	15 339	7	—	16	77	10	10	7	—	—	5	—	
Other service workers, including private household	61 792	47	—	52	273	13	—	8	—	11	—	55	

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)

	Durable goods—Continued					Manufacturing—Continued							
	Motor vehicles and motor 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
Total employed	7 942	1 423	10 219	2 084	13 797	23 486	936	8 601	8 266	22 059	11 745	2 620	17 880
Accountants	517	298	1 003	962	1 409	1 635	21	399	777	2 907	2 204	194	3 439
Architects	130	28	79	39	96	448	—	75	159	138	170	—	298
Computer specialists	15	17	52	—	25	114	—	55	55	20	40	—	156
Engineers	154	154	376	432	304	225	—	39	219	33	434	56	1 021
Chemical	—	14	—	—	—	20	—	—	18	—	285	—	552
Civil	—	—	12	—	17	6	—	—	10	5	25	—	36
Electrical and electronic	4	16	196	94	51	2	—	—	11	—	42	—	52
Industrial	39	20	41	41	58	128	—	25	93	5	42	19	54
Mechanical	78	20	93	103	48	25	—	4	30	4	115	—	115
Other engineers	33	84	33	165	135	37	—	10	57	19	46	22	212
Mathematical specialists	—	—	—	16	—	5	—	—	—	9	5	—	47
Life and physical scientists	—	—	17	—	43	131	—	—	12	5	612	—	339
Chemists	—	—	17	8	32	106	—	—	12	5	539	—	310
Personnel and labor relations workers	48	4	98	17	46	129	7	34	48	20	98	4	121
Social scientists	85	37	223	143	28	83	—	—	4	21	22	—	127
Engineering and science technicians	60	5	62	41	185	206	—	4	61	26	594	—	749
Draftsmen	—	23	81	47	53	24	—	4	7	9	35	—	99
Electrical and electronic engineering technicians	25	4	18	5	11	35	—	—	—	—	32	—	52
Industrial and mechanical engineering technicians	27	16	55	84	117	91	—	—	95	23	23	—	80
Writers, artists, and entertainers	58	42	122	122	565	203	—	11	124	2 108	206	—	486
Other professional, technical, and kindred workers	122	22	38	—	750	850	168	363	425	2 756	965	138	797
Managers and administrators, except farm	343	122	235	164	143	1 987	99	546	721	2 039	1 142	336	1 128
Buyers, purchasing agents, and sales managers	96	24	29	14	185	506	14	58	205	512	316	93	131
Other managers and administrators	247	98	206	148	958	1 481	85	488	516	1 527	826	243	997
Salaried	235	98	164	148	733	1 393	75	370	516	1 194	792	178	930
Self-employed	12	—	42	—	223	88	10	118	—	333	34	65	67
Sales workers	132	22	38	—	750	850	168	363	425	2 756	965	138	797
Clerical and kindred workers	1 142	207	975	294	2 063	3 539	127	862	1 208	4 807	2 351	397	2 476
Bookkeepers	112	18	104	17	169	688	4	210	141	599	318	70	163
Cashiers	—	—	—	—	3	77	—	5	—	20	—	—	17
Estimators and investigators, n.e.c.	40	6	110	11	13	33	6	—	51	32	—	5	46
Office machine operators	127	24	29	39	61	342	10	26	61	225	176	—	182
Shipping and receiving clerks	111	5	42	5	118	351	17	117	140	264	39	—	53
Stock clerks and bookkeepers	234	—	114	12	64	47	5	43	47	86	36	—	25
Other clerical and kindred workers	538	154	571	210	1 635	1 895	85	461	788	3 614	1 485	257	1 903
Craftsmen and kindred workers	1 794	437	5 373	245	3 120	9 733	115	613	1 296	6 733	1 435	362	3 112
Blacksmiths, forgers, hammermen, and boilermakers	—	—	—	—	—	71	—	—	—	11	5	—	102
Brickmasons and stonemasons	—	—	—	—	—	38	—	—	—	—	—	—	6
Carpenters	17	3	655	—	25	47	—	—	13	—	22	—	31
Cranemen, derrickmen, and hoistmen	13	—	95	5	10	6	—	—	10	—	5	—	47
Electricians	107	15	532	6	45	84	—	—	62	21	72	14	86
Excavating, grading, and road machine operators	10	—	16	—	—	—	—	—	—	—	—	—	14
Foremen, c.	506	68	434	52	219	206	41	158	377	575	612	149	789
Mechanics and repairmen	656	145	572	74	124	826	6	34	306	196	381	56	327
Automobile, including body	556	—	22	5	4	72	—	—	16	41	—	—	32
Mechanists, job setters, and toolmakers	159	123	937	44	144	233	6	—	81	34	92	—	194
Metal craftsmen, except mechanics and machinists	171	28	719	56	120	48	—	—	62	11	22	—	41
Painters, construction and maintenance, and plasterers and paperhangers	176	27	317	4	16	33	—	—	9	13	16	—	11
Plumbers and pipe fitters	38	17	555	4	16	26	—	—	37	13	38	—	220
Printing craftsmen	—	—	15	—	30	51	—	—	269	5 802	26	—	32
Stationary engineers and power station operators	—	—	—	—	—	198	—	—	21	—	83	—	200
Other craftsmen and kindred workers	41	9	507	—	2 378	973	62	416	34	50	29	20	992
Operatives, except transport	3 409	286	1 648	370	4 305	7 512	367	5 603	3 092	1 644	2 717	1 061	5 191
Assemblers	1 790	68	44	106	402	135	12	20	104	55	104	85	55
Checkers, examiners, and inspectors; manufacturing	371	43	80	101	112	246	5	155	199	139	150	76	631
Clerks, polishers, sanders, and buffers	118	—	—	—	6	—	—	—	—	—	—	—	—
Painters, manufactured articles	271	14	70	5	25	9	—	—	24	6	22	7	25
Precision machine operatives	39	19	45	33	36	9	—	—	29	10	12	6	38
Welders and flamecutters	395	22	870	9	52	54	—	—	801	534	82	195	104
Other specified operatives	111	46	165	48	2 892	4 145	350	5 176	801	416	780	424	2 916
Machine operatives, miscellaneous specified	87	17	117	35	279	1 723	—	—	1 202	463	787	881	1 181
Machine operatives, not specified	122	26	66	21	106	592	—	—	2 463	289	371	105	213
Miscellaneous operatives	122	26	128	12	356	384	—	—	227	267	137	161	147
Not specified operatives	34	4	53	12	39	202	—	—	41	16	26	41	16

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

SAN FRANCISCO-OAKLAND SMSA - Continued

Total employed - Continued

Occupation	Durable goods - Continued				Manufacturing - Continued							Other nondurable goods, incl. not specified manufacturing	
	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
Transport equipment operatives	192	8	98	12	284	2 181	15	13	412	646	348	6	597
Deliverymen and routemen	6	15	36	7	1012	1 012	5	7	33	340	62	—	87
Truck drivers	30	46	117	15	530	530	10	6	99	233	77	—	136
Other transport equipment operatives	157	4	36	5	202	639	—	—	280	71	209	6	374
Laborers, except farm	253	—	464	14	427	1 321	24	162	207	316	365	79	647
Freight, stock, and material handlers	766	—	216	14	117	917	7	132	152	232	280	50	367
Other specified laborers	23	—	147	14	268	171	41	12	10	42	41	14	6
Miscellaneous laborers	13	—	24	—	4	72	9	17	9	17	11	15	88
Not specified laborers	49	—	77	—	38	161	17	13	36	25	33	—	—
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	139	43	185	23	296	728	—	40	128	211	218	47	493
Cleaning service workers	82	20	73	15	94	432	—	23	102	160	141	41	188
Personal service workers	38	16	51	5	16	53	—	8	11	16	4	6	53
Guards and watchmen	19	7	48	3	184	222	—	5	15	23	17	—	221
Other service workers, including private household	—	—	—	—	—	—	—	—	—	—	—	—	—
Female employed	601	275	704	380	3 448	7 004	387	6 437	1 910	6 542	2 821	783	4 133
Professionals, technical, and kindred workers	9	19	81	69	182	356	5	182	108	928	377	39	257
Accountants	—	8	27	21	4	93	—	10	26	44	26	19	24
Computer specialists	—	6	—	4	—	14	—	4	26	4	14	—	22
Life and physical scientists	4	—	—	5	—	19	—	—	9	3	73	—	22
Registered nurses, dietitians, and therapists	—	—	—	—	—	39	—	—	—	—	—	—	9
Social scientists	—	—	—	—	—	10	—	—	8	840	—	—	16
Writers, artists, and entertainers	—	—	—	—	—	8	—	—	—	—	—	—	5
Other professional, technical, and kindred workers	5	5	54	34	122	173	—	32	39	37	264	20	159
Managers and administrators, except farm	5	—	22	11	121	188	—	87	18	276	78	21	123
Salaries	5	—	22	11	85	183	—	40	18	220	74	15	97
Self-employed	—	—	—	—	36	5	—	47	—	56	4	6	26
Sexless workers	6	—	10	—	93	142	5	51	10	353	67	12	83
Clerical and kindred workers	477	141	467	194	1 332	2 566	94	634	754	3 426	1 733	288	1 552
Bookkeepers	71	18	63	13	584	521	87	166	87	20	238	45	67
Cashiers	—	—	5	—	3	54	—	5	—	17	—	—	17
Counter clerks, except food	19	7	43	13	37	38	5	29	39	189	51	—	102
File clerks	100	20	11	23	55	275	10	18	43	133	193	—	85
Office machine operators	—	—	—	—	—	22	6	7	20	—	—	—	21
Bookkeeping and billing machine operators	176	80	70	63	306	798	5	9	276	971	659	140	280
Receptionists	52	—	10	15	106	190	10	4	10	512	29	—	51
Secretaries	54	16	174	44	634	538	13	147	200	964	289	34	154
Typists	—	—	—	—	—	—	—	—	—	—	—	—	766
Other clerical and kindred workers	20	23	68	17	125	273	21	189	49	408	37	25	137
Foremen, n.e.c.	16	4	14	—	32	172	16	97	9	128	37	9	17
Craftsmen and kindred workers	27	76	37	89	1 531	3 273	257	5 251	931	674	479	381	1 861
Assemblers	13	41	—	13	221	85	4	139	65	128	71	42	24
Checkers, examiners, and inspectors; manufacturing	—	—	—	—	—	120	—	—	114	188	65	—	117
Packers and wrappers, except meat and produce	—	—	—	—	—	1 795	14	123	188	60	134	82	5
Other operatives, except transport	27	35	31	17	1 163	1 273	239	4 989	584	472	189	214	1 715
Transport equipment operatives	6	—	—	—	—	37	—	—	5	21	—	—	—
Laborers, except farm	5	—	13	—	20	90	5	55	29	29	31	17	21
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	6	16	6	—	44	79	6	8	6	27	19	—	99
Cleaning service workers	—	—	—	—	—	11	—	—	—	11	10	—	26
Personal service workers	—	—	—	—	—	10	—	—	—	—	—	—	10
Other service workers, including private household	6	—	6	—	33	58	—	—	—	9	5	—	63

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.]

	Total employed	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communications	Utilities and sanitary services	Wholesale trade	Retail trade				Insurance	Finance and real estate
								General merchandise retailing	Food stores	Automotive dealers and gasoline stations	Eating and drinking places		
SAN FRANCISCO-OAKLAND SMSA													
Accountants	394	18 563	47 918	26 975	24 767	64 788	33 385	27 732	22 972	42 040	72 416	32 958	67 887
Architects	199	394	5 015	3 994	3 648	3 186	792	477	208	595	3 357	2 474	3 727
Computer specialists	6	198	15	239	265	861	229	152	68	56	298	753	1 279
Engineers	145	28	143	236	21	282	40	38	22	16	62	474	1 212
Chemical	—	15	1 078	1 257	1 384	860	19	60	28	—	108	218	1 212
Civil	62	—	78	—	18	35	5	5	—	—	—	23	42
Electrical and electronic	18	—	61	—	296	37	4	13	5	—	21	179	13
Industrial	19	5	91	1 009	571	39	9	5	6	—	7	11	13
Mechanical	36	5	562	13	195	67	—	—	—	—	14	5	61
Other engineers	10	5	231	80	284	623	6	10	6	—	66	5	28
Mathematical specialists	16	—	21	41	33	57	—	5	—	—	17	149	4
Life and physical scientists	3	3	5	5	76	51	—	6	—	—	17	—	18
Chemists	3	3	5	5	51	5	—	6	—	—	17	—	4
Personnel and labor relations workers	55	62	321	520	83	186	175	73	23	15	186	276	401
Social scientists	11	7	42	81	28	109	24	8	24	—	31	—	277
Engineering and science technicians	87	—	227	487	655	224	24	18	4	11	62	36	80
Draftsmen	36	—	25	59	367	79	24	10	4	—	20	36	41
Electrical and electronic engineering technicians	9	—	67	336	91	68	—	—	—	6	22	—	11
Industrial and mechanical engineering technicians	—	—	11	9	—	—	—	—	—	5	—	—	—
Technicians, except health, and engineering and science	51	8	2 023	113	28	48	5	31	6	482	19	22	11
Writers, artists, and entertainers	77	33	418	892	154	227	229	81	16	15	488	124	260
Other professional, technical, and kindred workers	—	—	—	117	809	332	60	81	—	—	2 094	320	595
Managers and administrators, except farm	886	1 311	3 843	1 944	1 015	10 449	3 832	4 167	4 122	4 564	10 558	3 325	14 606
Buyers, purchasing agents, and sales managers	93	811	326	135	135	3 150	2 116	904	503	102	2 893	421	391
Other managers and administrators	793	1 220	3 517	1 773	880	3 263	1 716	3 263	3 619	4 462	14 215	2 800	14 215
Salaried	793	970	3 281	1 676	814	5 922	1 463	3 263	3 619	4 462	14 215	2 800	14 215
Self-employed	—	252	236	6	66	1 377	253	1 587	1 506	1 870	2 970	94	1 462
Sales workers	96	345	579	434	186	13 423	15 987	4 193	4 173	766	27 532	8 660	12 672
Clerical and kindred workers	3 346	3 177	10 689	14 189	6 034	17 743	7 789	7 072	2 588	2 545	12 325	17 749	31 912
Bookkeepers	307	426	818	451	451	3 047	7 995	695	2 601	465	2 601	1 428	3 444
Cashiers	64	45	287	91	42	149	1 224	4 714	176	1 533	1 656	1 110	355
Estimators and investigators, n.e.c.	163	164	174	271	288	270	38	38	75	8	217	673	1 135
Office and receiving clerks	341	192	316	392	518	1 101	535	149	65	39	339	908	2 490
Shop clerks and stockkeepers	102	342	679	40	54	1 603	473	193	43	19	434	15	33
Other clerical and kindred workers	88	62	599	124	63	822	635	304	115	81	665	65	155
Craftsmen and kindred workers	2 281	1 946	7 816	12 738	4 618	10 751	3 423	979	1 048	400	6 413	14 570	24 300
Blacksmiths, forgers, hammermen, and boltmakers	2	1 557	9 035	5 941	6 069	5 267	1 388	1 221	4 584	186	5 842	299	7 264
Brickmasons and stonemasons	46	—	14	—	17	30	—	—	—	—	5	—	5
Carpenters	37	17	169	4	89	8	—	9	18	31	99	19	113
Cranemen, derrickmen, and hoistmen	—	33	148	4	25	104	4	4	—	—	—	—	11
Electricians	121	6	352	14	394	61	5	5	—	—	46	—	37
Excavating, grading, and road machine operators	283	571	932	6	184	29	—	—	—	—	25	—	8
Foremen, n.e.c.	504	731	6 249	547	995	1 745	305	238	190	34	500	122	263
Mechanics and repairmen	15	612	513	1 073	1 500	2 300	547	71	4 226	28	1 243	27	195
Automobile, including body	116	—	213	12	150	230	103	33	4 070	4	76	—	13
Machinists, job setters, and toolmakers	10	5	107	—	93	103	—	7	24	—	47	—	—
Metal craftsmen, except mechanics and machinists	21	8	176	—	37	17	—	4	4	17	20	—	241
Painters, construction and maintenance, and plasterers and paperhangers	20	6	77	32	314	71	27	4	46	—	52	10	10
Plumbers and pipe fitters	12	—	40	17	34	64	20	20	6	5	26	31	58
Printing craftsmen	—	91	118	32	679	70	33	25	10	—	18	13	139
Stationary engineers and power station operators	834	159	337	5 110	2 138	1 104	408	838	64	67	3 740	65	136
Other craftsmen and kindred workers	179	301	2 799	86	1 353	4 446	744	4 233	6 402	275	2 808	60	217
Operatives, except transport	4	5	3	21	—	134	—	4	—	6	41	6	5
Assemblers	—	—	—	—	—	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—
Filters, polishers, sanders, and buffers	—	—	—	—	—	—	—	—	—	—	—	—	—
Painters, manufactured articles	—	8	4	—	4	—	6	—	148	—	5	—	—
Precision machine operators	—	—	—	—	—	—	—	—	—	—	—	—	—
Welders and flamecutters	11	22	28	—	10	43	6	—	15	—	7	—	5
Other specified	42	203	1 233	38	254	196	670	3 892	6 140	144	2 408	15	77
Machine operatives, miscellaneous specified	17	6	43	11	725	351	22	165	19	87	131	20	46
Machine operatives, not specified	21	47	786	11	64	159	7	10	10	20	39	13	17
Miscellaneous operatives	22	10	47	11	186	497	31	114	20	20	107	6	53
Not specified operatives	—	—	—	—	—	—	—	—	—	—	—	—	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

SAN FRANCISCO-OAKLAND SMSA—Continued

Total employed—Continued

Delivermen and roulemen	1 084	7 207	33	2 229	5 235	432	1 014	380	397	2 153	117
Truck drivers	12	80	16	974	2 724	282	623	273	273	1 254	26
Other transport equipment operatives	78	317	52	583	1 436	85	270	102	89	440	34
Other transport equipment operatives	994	6 810	5	1 607	1 869	65	121	58	35	459	57
Labors, except farm	419	3 434	55	3 080	4 323	919	4 255	391	101	2 400	79
Freight, stock, and material handlers	120	2 826	43	1 080	3 414	878	4 026	53	20	1 540	63
Other specified laborers	63	393	3	1 448	355	16	89	306	20	1 111	484
Miscellaneous laborers	135	57	4	387	205	18	131	30	34	108	40
Not specified laborers	101	158	5	165	205	18	131	30	34	171	112
Farm workers	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	383	5 317	299	1 153	716	1 502	1 100	104	32 611	5 241	2 643
Cleaning service workers	86	625	180	263	393	479	358	90	820	539	1 654
Personal service workers	64	3 436	40	9	35	263	16	27	222	180	287
Guards and watchmen	55	181	12	42	78	134	10	313	16	66	47
Other service workers, including private household	115	1 075	67	839	210	626	716	14	31 553	4 456	389
Female employed	1 666	10 482	14 983	4 240	17 367	23 051	8 428	2 481	18 418	33 856	17 584
Professonal, technical, and kindred workers	110	434	1 049	234	500	507	126	49	243	977	1 144
Computer specialists	34	130	83	44	19	143	38	15	310	98	411
Life and physical scientists	46	30	48	30	38	8	21	11	5	16	196
Registered nurses, dietitians, and therapists	—	—	—	—	18	—	—	—	—	—	4
Social scientists	—	49	13	6	5	5	11	—	15	5	—
Writers, artists, and entertainers	—	—	27	11	11	5	—	—	7	—	47
Other professional, technical, and kindred workers	30	181	640	138	116	196	41	—	208	298	104
Managers and administrators, except farm	33	523	436	62	843	1 517	491	149	1 132	2 921	4 292
Self-employed	33	494	436	57	720	1 408	180	85	552	1 876	3 893
Self-employed	—	29	—	5	123	109	311	64	580	1 045	3 399
Sales workers	3	223	137	24	970	12 759	2 236	107	421	15 018	2 880
Clerical and kindred workers	1 425	1 758	12 998	3 287	12 710	6 500	3 754	1 997	2 086	10 059	25 997
Bookkeepers	170	357	498	226	570	937	2 367	151	1 373	2 350	2 897
Cashiers	27	81	76	42	117	1 354	2 367	107	1 692	1 100	2 242
Counter clerks, except food	66	110	166	5	389	1 588	19	19	16	17	17
File clerks	229	94	571	80	304	268	32	50	185	801	1 714
Office machine operators	10	199	350	15	120	449	119	50	39	305	741
Bookkeeping and billing machine operators	21	—	6	15	14	85	5	5	14	82	75
Receptionists	205	362	1 115	10	272	77	20	36	4	169	319
Secretaries	76	5	899	431	3 899	464	256	314	172	3 972	5 673
Stenographers	105	193	922	100	1 011	9	—	4	—	16	264
Typists	547	513	9 351	324	1 018	257	67	129	29	393	1 008
Other clerical and kindred workers	—	—	—	1 701	3 134	2 727	281	339	113	3 450	11 950
Craftsman and kindred workers	24	145	202	104	307	223	134	27	38	768	136
Foremen, n.e.c.	5	22	90	17	133	93	15	—	—	130	106
Operatives, except transport	11	25	38	23	1 495	578	849	112	108	1 352	76
Assemblers	—	—	10	—	33	—	—	—	6	17	—
Checkers, examiners, and inspectors: manufacturing	—	—	—	3	624	—	—	—	—	—	—
Packers and wrappers, except ment and produce	—	—	—	20	838	340	673	112	62	1 194	—
Other operatives, except transport	11	89	28	20	—	—	—	—	—	—	—
Transport equipment operatives	7	125	723	75	41	61	16	4	79	66	5
Labors, except farm	—	44	—	38	356	88	369	16	19	290	34
Farm workers	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	53	2 982	123	393	145	818	453	20	14 292	2 405	690
Personal service workers	42	2 816	20	16	38	46	130	10	63	150	348
Other service workers, including private household	11	121	67	368	88	565	419	10	14 167	2 183	116

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

SAN FRANCISCO-OAKLAND SMSA

	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
Total employed	35 843	22 135	12 335	46 929	13 605	47 932	31 742	80 149	21 152	23 048	52 981	92 454
Professional, technical, and kindred workers	8 739	906	477	1 594	4 260	19 772	14 149	48 962	12 634	9 482	29 846	14 973
Accountants.....	498	46	181	40	97	105	98	244	75	204	3 858	2 288
Architects.....	110	4	—	—	—	16	—	15	—	—	1 742	140
Engineers.....	889	7	—	19	5	60	53	388	91	24	3 609	589
Computer specialists.....	1 214	55	14	17	15	61	—	394	81	83	3 763	1 985
Physicians.....	47	—	—	16	—	—	—	16	—	—	90	17
Chemical.....	39	5	—	6	—	10	10	40	—	14	254	266
Electrical and electronic.....	272	23	—	4	15	15	—	130	22	5	575	290
Industrial.....	361	5	—	4	—	13	6	4	—	11	146	490
Mechanical.....	166	17	14	7	—	6	5	117	11	6	682	122
Other engineers.....	379	5	—	—	—	17	59	87	48	47	1 016	283
Mathematical specialists.....	46	—	6	7	—	83	—	78	31	10	102	97
Life and physical scientists.....	531	—	—	7	—	222	303	724	70	31	1 127	620
Chemists.....	289	—	—	—	—	52	123	236	22	22	346	289
Personnel and labor relations workers.....	248	9	35	9	22	179	84	185	84	140	108	1 424
Social scientists.....	248	11	—	—	—	206	206	314	29	29	230	517
Engineering and science technicians.....	1 372	35	—	10	63	45	61	866	246	50	2 409	1 150
Prisoners.....	372	5	—	5	5	—	—	61	18	45	314	383
Practical and electronic engineering technicians.....	316	14	—	47	—	5	—	223	82	—	315	381
Industrial and mechanical technicians.....	77	—	—	—	—	—	—	—	—	—	187	107
Technicians, except health and engineering and science.....	74	47	—	94	16	13	30	113	49	32	120	176
Writers, artists, and entertainers.....	1 655	53	177	815	243	90	13 108	622	11 500	663	2 320	541
Other professional, technical, and kindred workers.....	889	624	64	583	1 600	18 756	—	45 019	—	8 196	13 267	4 540
Managers and administrators, except farm	3 901	1 893	1 542	2 043	1 319	1 325	1 126	3 853	1 939	2 612	1 939	7 925
Buyers, purchasing agents, and sales managers.....	303	81	39	60	43	86	81	327	34	97	104	556
Other managers and administrators.....	3 568	1 812	1 503	1 983	1 276	1 239	1 009	3 716	1 468	2 585	1 835	7 369
Solorted.....	1 179	915	1 038	1 179	1 016	1 209	824	3 716	1 336	2 575	1 607	7 369
Self-employed.....	918	633	465	1 068	260	29	285	—	132	10	228	—
Sales workers	1 390	509	110	471	373	58	55	82	174	240	518	131
Clerical and kindred workers	10 720	3 203	1 976	2 976	2 090	8 368	6 660	15 353	3 499	6 759	14 293	38 100
Bookkeepers.....	925	598	210	402	266	490	776	612	612	700	1 625	1 617
Cashiers.....	312	128	241	140	699	239	81	254	81	32	32	274
Estimators and investigators, n.e.c.....	312	16	—	16	10	42	15	26	21	100	73	1 044
Office machine operators.....	989	39	37	51	21	233	101	367	38	134	1 005	1 151
Shipping and receiving clerks.....	1 100	30	5	19	37	38	37	37	7	25	33	340
Stock clerks and storekeepers.....	1 170	48	32	30	12	285	29	185	26	31	132	1 132
Other clerical and kindred workers.....	8 308	2 212	1 442	2 318	1 045	7 041	5 739	13 872	3 001	5 698	11 427	32 592
Craftsmen and kindred workers	2 278	10 468	304	1 075	806	915	1 206	1 725	388	411	1 274	8 596
Blacksmiths, forgers, hammermen, and boilermakers.....	—	49	—	6	6	2	—	—	5	—	—	13
Brickmasons and stonemasons.....	—	—	—	—	—	—	—	—	—	—	—	—
Carpenters.....	190	73	25	20	68	49	14	252	37	90	52	316
Cookmen, derrickmen, and hoistmen.....	29	—	—	—	—	—	—	6	—	14	11	12
Electricians.....	126	28	6	5	24	46	8	144	14	16	65	678
Excavating, grading, and road machine operators.....	14	—	—	—	—	—	—	10	—	—	9	—
Foremen, n.e.c.....	310	214	19	97	27	56	32	167	23	78	204	3 842
Mechanics and repairmen.....	577	7 984	35	66	247	163	36	350	52	32	151	503
Automobile, including body.....	20	5 121	14	12	9	12	5	56	9	10	10	400
Mechanists, job setters, and toolmakers.....	133	150	4	11	—	—	—	62	—	—	183	—
Metal craftsmen, except mechanics and machinists.....	27	24	—	98	5	5	—	30	—	—	24	488
Painters, construction and maintenance, and plasterers and paperhangers.....	37	103	70	17	17	103	31	150	28	17	31	362
Plumbers and pipe fitters.....	57	16	21	9	30	30	6	68	19	25	25	159
Printing craftsmen.....	88	—	—	18	—	6	6	131	67	23	23	136
Stationary engineers and power station operators.....	68	—	64	49	—	358	—	117	21	20	62	62
Other craftsmen and kindred workers.....	682	1 825	60	705	387	85	1 065	238	67	76	384	906
Operatives, except transport	1 374	1 804	250	6 209	165	753	234	507	180	275	524	1 756
Assemblers.....	33	6	—	18	4	5	—	10	5	16	29	69
Checkers, examiners, and inspectors; manufacturing.....	—	—	—	—	—	—	—	—	—	—	—	—
Filers, polishers, sanders, and buffers.....	—	33	5	—	—	—	—	—	—	6	7	—
Painters, manufactured articles.....	—	338	—	—	—	—	—	—	—	—	6	—
Precision machine operatives.....	—	85	—	6	—	—	—	—	—	—	20	19
Readers and timekeepers.....	36	344	—	6	9	—	—	26	3	6	12	136
Other specified operatives.....	740	703	239	6 066	126	630	141	92	95	147	310	963
Machine operatives, miscellaneous specified.....	130	106	6	22	5	31	5	32	4	9	51	166
Machine operatives, not specified.....	69	11	—	16	—	—	—	14	15	7	26	82
Miscellaneous operatives.....	361	136	—	54	21	92	51	324	58	80	36	249
Not specified operatives.....	5	42	—	11	—	—	—	9	—	4	27	55

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

SAN FRANCISCO-OAKLAND SMSA—Continued

Total employed—Continued

Transport equipment operatives	479	1 480	802	127	72	101	177	28	211	130	1 428
Deliverymen and roulemen	253	98	514	11	74	74	61	5	26	18	74
Truck drivers	148	9	74	30	24	40	58	23	134	50	782
Other transport equipment operatives	78	1 078	214	76	33	20	58	—	51	62	572
Laborers, except farm	476	817	1 807	926	406	146	807	204	401	317	3 473
Freight, stock, and material handlers	143	16	120	99	99	6	98	19	201	38	1 853
Other specified laborers	123	684	1 398	644	244	11	657	185	131	200	1 390
Miscellaneous laborers	115	5	8	107	63	35	10	—	5	11	73
Not specified laborers	95	67	281	66	63	—	42	—	64	68	157
Farm workers	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	6 486	1 055	29 932	3 529	16 263	8 065	8 683	2 592	2 677	4 190	16 072
Cleaning service workers	3 974	168	368	650	2 816	201	4 048	708	1 001	263	1 045
Personal service workers	158	62	466	273	80	12	1 902	41	764	95	320
Guards and watchmen	1 651	23	13	88	13 152	7 177	96	909	22	3 750	12 920
Other service workers, including private household	703	802	19 105	1 518	35 694	20 399	2 637	—	790	—	—
Female employed	14 026	3 700	32 823	4 635	15 401	5 613	47 410	12 985	12 581	23 344	29 306
Professionals, technical, and kindred workers	2 349	272	679	1 432	36	31	28 323	7 731	4 400	7 226	3 698
Accountants	341	10	25	5	42	10	95	43	100	729	555
Computer specialists	251	4	5	—	133	110	116	32	22	152	170
Life and physical scientists	51	—	—	—	11 904	3 231	654	207	112	69	99
Radiated nurses, dietitians, and therapists	163	—	357	—	105	17	160	16	13	42	207
Social scientists	53	—	—	—	73	19	243	125	311	69	104
Writers, artists, and entertainers	491	11	179	580	3 108	2 095	26 888	7 365	3 825	783	185
Other professional, technical, and kindred workers	999	247	113	791	—	—	—	—	—	5 382	2 378
Managers and administrators, except farm	766	150	585	228	542	569	1 275	620	685	579	1 519
Saloried	548	96	208	174	370	373	1 275	567	15	524	1 519
Self-employed	218	54	317	54	12	196	—	53	—	55	—
Sales workers	386	118	294	214	33	27	50	47	121	180	76
Clerical and kindred workers	8 708	2 521	2 549	5 177	7 495	6 387	13 018	2 962	5 858	12 445	21 944
Bookkeepers	687	68	370	210	412	726	548	274	626	1 376	1 234
Cashiers	65	77	136	446	217	—	223	81	184	—	184
Counter clerks, except food	76	68	753	59	42	5	49	50	97	31	33
File clerks	317	26	42	170	315	170	291	55	153	127	841
Office machine operators	699	20	46	16	216	99	242	30	99	655	913
Bookkeeping and billing machine operators	53	5	15	41	71	71	237	147	17	18	61
Receptionists	267	47	262	—	1 177	1 333	260	319	319	319	208
Secretaries	2 737	437	215	344	1 789	2 794	4 118	1 216	2 401	5 267	3 391
Stenographers	154	18	19	74	55	74	1 103	10	166	110	792
Typists	1 255	109	107	108	548	2 167	367	748	860	720	3 735
Other clerical and kindred workers	2 451	1 221	586	254	2 503	696	5 040	—	1 020	3 831	10 616
Craftsman and kindred workers	220	196	182	40	37	282	208	64	22	66	368
Foremen, n.e.c.	35	5	16	5	17	15	22	6	22	17	93
Operatives, except transport	512	148	4 211	53	438	137	230	87	134	172	222
Assemblers	20	—	13	8	5	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	—	—	—	—	—	—	—	—	—	—	—
Packers and wrappers, except meat and produce	57	—	28	5	21	14	11	19	6	—	25
Other operatives, except transport	435	148	4 170	48	412	115	219	68	116	168	188
Transport equipment operatives	32	48	30	5	—	19	13	—	13	4	35
Laborers, except farm	26	31	140	42	108	44	23	5	21	24	270
Farm workers	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	1 027	216	24 213	1 106	11 640	7 341	4 270	1 469	1 327	2 648	1 174
Cleaning service workers	593	34	83	297	1 217	406	283	177	263	45	249
Personal service workers	133	131	641	403	1 311	182	1 682	603	597	45	107
Other service workers, including private household	301	151	17 477	618	10 292	6 753	2 289	689	447	2 561	818

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.]

	Persons 16 years and over	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing						Total	
					Durable goods							
					Furniture, lumber, and wood products	Stone, clay, and glass products	Primary ferrous industries	Primary nonferrous industries	Fabricated metal industries, including non-specified metal	Machinery, except electrical		Electrical machinery, equipment, and supplies
SAN JOSE SMSA												
Total employed	409 077	6 641	368	22 480	125 097	1 233	2 294	563	860	3 919	17 612	40 542
Professional, technical, and kindred workers	97 744	282	88	1 056	35 890	67	128	33	171	478	6 619	14 064
Accountants	4 838	10	31	177	1 752	4	16	—	—	60	302	679
Architects	494	58	—	14	52	—	—	—	—	—	30	9
Computer specialists	4 748	—	—	—	2 866	—	6	4	5	37	1 317	637
Engineers	20 634	17	33	477	15 861	30	34	11	86	206	2 626	6 376
Chemical	935	—	—	5	180	—	—	—	9	—	33	32
Civil	1 265	—	12	324	227	—	—	6	6	18	11	28
Electrical and electronic	8 210	11	63	63	6 861	16	5	5	10	37	934	4 433
Industrial	2 264	6	6	24	1 836	9	9	5	5	35	379	624
Mechanical	2 782	—	5	26	2 417	4	4	5	5	44	620	522
Other engineers	5 878	—	10	35	4 340	10	16	6	56	72	649	737
Mathematical specialists	319	—	—	—	164	—	—	—	5	4	—	54
Life and physical scientists	1 880	19	6	5	778	—	—	6	10	6	114	254
Chemists	722	—	—	—	695	—	—	6	10	6	66	115
Personnel and labor relations workers	2 291	3	—	14	833	—	21	—	10	10	177	285
Social scientists	187	—	7	—	673	26	19	—	33	80	75	200
Engineering and science technicians	2 468	8	7	228	1 816	17	15	—	9	80	1 065	3 801
Prattisemen	3 942	—	—	12	3 330	6	4	—	—	5	464	2 453
Electrical and electronic engineering technicians	316	—	—	—	288	—	—	—	—	—	51	94
Industrial and mechanical engineering technicians	1 903	—	—	6	1 317	—	—	—	—	—	14	69
Technicians, except engineering and science	6 183	29	6	37	3 009	5	10	12	15	27	507	1 057
Writers, artists, and entertainers	44 000	126	5	78	3 259	—	—	—	—	—	360	641
Other professional, technical, and kindred workers	37 636	84	28	2 484	10 044	153	158	51	47	350	1 722	3 145
Managers and administrators, except farm	5 158	—	—	90	1 827	18	11	15	11	57	316	596
Buyers, purchasing agents, and sales managers	32 478	73	28	2 394	8 217	135	109	36	36	293	1 406	2 549
Other managers and administrators	27 088	44	18	1 539	7 815	101	93	36	30	268	1 332	2 502
Salaried	5 390	29	10	855	402	34	16	6	6	25	54	47
Self-employed	31 766	74	—	214	3 243	90	99	18	24	141	374	403
Sales workers	74 632	229	23	1 638	18 843	72	214	55	111	400	2 756	6 395
Clerical and kindred workers	7 792	45	13	428	1 827	35	17	4	27	78	238	540
Bookkeepers	4 262	—	—	—	27	—	—	—	—	—	—	10
Cashiers	1 568	—	—	348	204	—	5	—	7	35	10	67
Estimators and investigators, n.e.c.	3 352	4	5	26	1 451	—	—	5	11	16	281	480
Office machine operators	2 973	—	—	10	678	10	37	5	8	31	85	360
Shipping and receiving clerks	2 171	—	—	—	1 070	—	—	—	—	—	177	379
Stock clerks and storekeepers	53 862	180	5	816	13 400	27	149	41	58	228	1 965	4 558
Other clerical and kindred workers	50 615	168	71	12 528	19 176	349	510	193	239	1 012	2 391	4 667
Craftsmen and kindred workers	103	—	—	6	19	—	—	14	—	6	—	—
Blacksmiths, forgemens, hammermen, and boilermakers	245	5	—	205	19	—	9	—	—	5	—	—
Brickmasons and stonemasons	4 074	37	5	3 372	295	80	21	—	—	24	15	24
Carpenters	2 295	12	5	55	119	—	9	—	—	20	9	15
Cranes, derrickmen, and hoistmen	2 139	7	—	—	540	—	—	—	11	—	29	174
Electricians	1 114	34	30	882	59	—	23	—	5	—	—	—
Excavating, grading, and road machine operators	8 298	43	6	870	5 289	51	129	46	83	223	504	1 960
Foremen, n.e.c.	12 469	13	25	341	3 417	13	174	24	41	126	521	1 700
Mechanics and repairmen	4 356	—	—	22	432	4	22	4	4	5	15	14
Automobile including body	4 020	—	—	16	3 712	—	—	21	69	230	1 033	981
Machinists, job setters, and toolmakers	1 456	—	—	335	928	—	3	34	30	171	128	256
Metal craftsmen, except mechanics and machinists	1 808	4	—	1 808	—	—	—	—	—	9	11	28
Painters, construction and maintenance, and plasterers and paperhangers	1 384	8	—	1 028	166	—	15	—	—	11	11	25
Plumbers and pipe fitters	1 996	—	—	—	1 840	—	—	—	—	16	45	84
Printing craftsmen	10 803	—	—	—	2 205	205	10	—	—	—	35	52
Stationary engineers and power station operators	42 337	78	139	1 082	31 096	354	687	171	219	1 256	3 442	10 870
Other craftsmen and kindred workers	9 534	4	—	31	9 130	6	44	6	17	53	145	5 045
Assemblers	4 594	—	—	—	4 584	15	94	5	18	123	672	2 203
Checkers, examiners, and inspectors; manufacturing	604	—	—	—	225	7	5	—	—	9	17	60
Pliers, polishers, sanders, and buffers	1 370	—	—	—	416	15	33	—	5	54	54	81
Precision machine operators	1 828	—	11	15	1 302	7	33	21	33	68	184	280
Welders and flamecutters	15 892	60	128	85	1 430	108	110	47	54	246	194	231
Other specified operatives	3 262	—	—	—	2 828	—	19	28	33	160	290	1 154
Machine operatives, miscellaneous specified	1 680	—	—	—	1 464	15	58	28	33	108	166	753
Machine operatives, not specified	2 377	14	—	32	1 654	32	114	13	5	84	222	503
Miscellaneous operatives	1 019	—	—	29	856	31	114	16	13	111	75	220

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

SAN JOSE SMSA—Continued

Total employed—Continued

Occupation	Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing						Total
					Furniture, lumber, and wood products	Stone, clay, and glass products	Primary ferrous industries	Primary nonferrous industries	Fabricated metal industries, including non-specified metal	Machinery, except electrical	
Transport equipment operatives	11 607	71	4	712	338	31	—	92	47	72	
Deliverymen and routemen	3 415	36	—	98	59	5	—	31	21	23	
Truck drivers	4 663	25	4	535	234	26	—	31	8	24	
Other transport equipment operatives	3 529	10	—	89	45	—	—	46	18	25	
Laborers, except farm	14 005	1 562	15	2 689	119	11	29	91	103	311	
Freight, stock, and material handlers	4 766	81	5	1 158	47	6	21	35	48	246	
Other specified laborers	7 785	1 548	10	2 582	26	5	3	20	29	246	
Miscellaneous laborers	1 460	5	—	113	5	—	5	18	—	5	
N+1 specified laborers	994	9	—	467	39	—	—	18	26	38	
Farm workers	4 063	4 063	—	—	—	—	—	—	—	—	
Service workers, including private household	44 672	30	—	97	41	—	20	99	138	615	
Cleaning service workers	8 306	10	—	372	26	—	20	74	104	389	
Personal service workers	6 550	—	—	45	—	—	—	—	—	15	
Guards and watchmen	1 226	—	—	23	15	—	—	9	29	124	
Other service workers, including private household	28 590	20	—	353	—	—	—	16	5	87	
Female employed	148 613	1 417	21	1 355	223	43	132	439	3 529	14 872	
Professional, technical, and kindred workers	30 350	35	11	107	4	—	15	42	460	1 408	
Accountants	1 306	63	5	340	—	—	—	10	152	47	
Computer specialists	772	—	—	5	—	—	5	6	142	114	
Life and physical scientists	251	—	—	69	—	—	—	—	16	72	
Registered nurses, dietitians, and therapists	5 383	5	—	5	—	—	—	—	30	8	
Social scientists	1 170	—	—	—	—	—	—	—	7	—	
Writers, artists, and entertainers	1 805	14	6	652	4	—	5	5	41	230	
Other professional, technical, and kindred workers	20 663	16	—	34	—	—	—	21	162	1 066	
Managers and administrators, except farm	5 707	12	—	43	10	4	4	4	67	193	
Salaried	4 758	7	—	43	4	—	—	—	67	193	
Self-employed	949	5	—	—	6	—	—	—	—	—	
Sales workers	11 592	37	—	8	—	—	—	—	10	21	
Clerical and kindred workers	55 687	194	10	1 006	106	33	77	214	1 774	4 822	
Bookkeepers	6 363	32	—	371	11	4	4	50	481	10	
Cashiers	3 085	—	—	29	—	—	—	—	—	77	
Counter clerks, except food	1 924	—	—	197	—	—	—	—	19	63	
File clerks	1 526	—	—	441	—	—	—	9	63	164	
Office machine operators	2 700	—	5	15	—	5	5	11	142	370	
Bookkeeping and billing machine operators	2 304	—	—	24	—	—	—	—	5	—	
Receptionists	2 126	66	—	19	9	3	—	—	38	77	
Secretaries	16 385	36	5	437	22	11	37	91	913	2 039	
stenographers	397	4	—	102	—	—	—	—	9	—	
Typists	5 613	11	—	52	9	—	—	23	167	565	
Other clerical and kindred workers	17 009	45	—	112	26	10	8	30	226	1 053	
Craftsmen and kindred workers	2 338	5	—	120	27	6	—	13	80	448	
Foremen, n.e.c.	716	—	—	477	12	6	—	—	21	248	
Operatives, except transport	16 561	45	—	49	59	—	40	145	1 124	7 538	
Assemblers	5 746	—	—	26	6	—	13	17	651	4 271	
Checkers, examiners, and inspectors; manufacturing	2 232	—	—	—	21	—	—	41	195	1 484	
Packers and wrappers, except meat and produce	873	15	—	—	—	—	—	4	—	79	
Other operatives, except transport	7 710	30	—	23	21	—	27	83	273	1 704	
Transport equipment operatives	583	—	—	41	—	—	—	6	—	—	
Laborers, except farm	938	145	—	17	5	—	—	5	5	147	
Farm workers	934	934	—	—	—	—	—	—	—	—	
Service workers, including private household	23 923	10	—	5	37	—	40	10	9	95	
Cleaning service workers	1 643	6	—	72	—	—	—	5	—	18	
Personal service workers	4 632	6	—	31	—	—	—	5	—	15	
Other service workers, including private household	17 648	4	—	115	—	—	—	5	—	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.]

		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
SAN JOSE SMSA												
Total employed												
4 400	2 311	976	19 243	7 354	8 869	175	780	1 792	6 011	2 373	1 471	2 319
207	917	97	8 894	1 935	446	5	20	180	796	536	102	215
43	54	16	293	105	47	-	-	35	43	23	11	22
-	-	5	9	-	-	-	-	-	-	-	-	-
16	67	-	687	25	19	-	-	11	4	5	6	20
78	485	31	5 201	347	69	-	5	41	31	111	35	58
-	4	-	50	-	-	-	-	-	-	47	-	5
-	21	-	111	18	-	-	-	-	5	-	-	9
12	98	5	1 159	129	3	-	-	-	16	14	-	9
37	27	16	37	23	17	-	5	10	5	11	16	9
19	28	6	1 056	52	19	-	5	10	4	4	20	20
10	307	4	2 247	125	10	-	-	21	5	35	15	15
-	5	-	54	-	5	-	-	-	-	5	-	-
5	9	-	129	48	46	-	-	-	-	124	6	10
-	5	-	21	29	36	-	-	-	-	87	6	4
17	22	-	174	-	76	-	5	6	18	10	-	4
-	-	-	67	21	6	-	-	15	6	18	-	9
41	111	21	816	335	137	-	-	27	12	172	22	15
2	31	21	321	111	10	-	-	-	5	22	-	15
33	27	-	265	101	9	-	-	-	-	-	-	-
-	4	-	49	27	10	-	-	-	-	11	5	-
-	6	-	37	-	10	-	-	-	-	17	10	9
7	90	19	496	921	31	5	10	24	641	51	12	68
101	176	40	1 508	619	555	28	56	183	586	238	35	185
25	9	4	206	78	116	7	20	34	119	48	19	11
76	167	36	1 302	583	439	21	36	149	382	113	113	184
73	167	36	1 297	463	422	11	17	149	342	183	108	141
3	-	-	5	60	17	10	15	-	34	6	5	43
31	20	10	73	264	264	32	45	101	720	351	35	148
335	397	83	3 388	1 185	955	28	54	191	1 346	465	149	264
32	36	-	179	47	172	-	10	61	193	90	25	29
-	-	-	-	6	-	-	-	-	9	-	-	4
8	6	17	24	5	-	-	5	15	10	5	-	5
21	25	2	405	35	52	-	5	18	59	18	5	16
5	17	5	45	45	92	6	5	18	77	40	14	4
46	15	13	196	38	33	6	7	5	5	5	5	4
179	298	48	2 546	1 009	606	22	27	97	993	307	100	202
999	363	352	2 487	1 090	1 566	22	55	339	1 798	191	235	288
5	-	9	-	-	5	-	-	-	-	5	-	-
-	-	77	40	6	16	-	6	-	-	5	-	-
10	7	-	12	-	7	-	-	11	5	6	5	4
68	6	24	124	15	51	-	-	-	-	4	-	-
219	58	51	740	178	571	6	27	106	159	94	65	19
394	141	32	402	63	435	12	11	94	93	69	63	9
324	7	45	26	10	26	-	-	-	10	7	-	50
111	67	45	762	138	52	-	-	31	7	7	86	-
26	41	26	159	40	9	-	-	-	-	-	5	-
48	12	11	26	15	5	-	-	5	-	-	6	-
48	-	40	13	-	5	-	-	-	-	-	4	-
-	12	6	50	15	38	-	-	80	1 489	6	-	5
5	5	31	22	9	61	-	-	-	-	-	-	-
77	9	31	137	611	304	4	11	12	45	6	16	201
2 387	326	2 322	3 222	1 837	3 226	42	507	594	499	389	704	944
1 455	93	139	447	255	123	4	21	21	18	52	86	52
188	76	5	595	86	130	9	32	77	45	26	82	163
83	-	4	5	15	5	-	-	-	5	5	4	-
179	4	-	32	21	21	-	-	-	5	-	11	-
14	31	15	177	73	4	-	-	4	-	4	5	10
297	5	24	288	27	18	-	-	4	-	15	8	5
62	18	43	204	1 135	2 060	29	420	142	120	126	105	655
46	36	17	207	69	186	-	31	186	93	46	223	22
10	21	4	111	111	197	-	-	94	85	50	94	15
48	13	37	130	53	172	-	15	61	93	62	62	10
5	19	38	126	40	73	-	9	5	10	11	24	22

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)

		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		101	13	31	69	117	986	5	20	109	132	63	38	138
Standard Metropolitan Statistical Areas of 250,000 or More		—	8	20	—	29	427	5	—	17	97	25	10	11
Truck drivers		87	5	5	42	72	439	—	—	92	35	24	9	8
Other transport equipment operatives		—	—	—	—	—	—	—	—	—	—	14	19	119
SAN JOSE SMSA—Continued		127	25	23	121	138	595	13	14	88	76	105	31	85
Laborers, except farm		65	19	9	55	49	343	—	14	27	54	62	22	65
Freight, stock, and material handlers		19	—	—	18	83	44	—	—	6	12	18	—	—
Other specified laborers		8	—	7	18	4	28	—	—	4	5	6	9	—
Miscellaneous laborers		35	6	7	7	6	180	13	—	51	5	19	—	—
Not specified laborers		—	—	—	—	—	—	—	—	—	—	—	—	—
Farm workers		—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household		112	84	14	381	189	292	—	9	7	58	34	25	42
Cleaning service workers		87	33	7	214	101	189	—	4	7	45	24	19	19
Personal service workers		—	—	—	—	5	15	—	5	—	—	5	—	—
Guards and watchmen		20	32	7	138	—	24	—	—	—	5	—	—	—
Other service workers, including private household		5	19	—	29	78	64	—	—	—	8	5	6	23
Female employed		121	352	109	3 052	1 957	2 826	58	513	407	1 937	628	412	898
Professional, technical, and kindred workers		—	36	17	507	195	119	—	15	37	292	109	5	11
Accountants		—	5	6	79	—	7	—	—	15	19	—	—	—
Computer specialists		—	10	—	122	6	5	—	—	—	4	—	—	—
Life and physical scientists		—	—	—	6	—	4	—	—	—	—	15	—	—
Registered nurses, dietitians, and therapists		—	—	6	16	4	8	—	—	—	—	5	—	6
Social scientists		—	—	—	—	—	—	—	—	—	—	—	—	—
Writers, artists, and entertainers		—	5	—	69	39	—	—	10	4	233	12	—	—
Other professional, technical, and kindred workers		—	16	5	215	146	95	—	5	18	36	77	5	5
Managers and administrators, except farm		—	11	—	84	40	8	5	10	6	63	4	5	34
Salaried		—	11	—	84	40	4	—	5	6	59	4	5	24
Self-employed		—	—	—	—	—	4	5	—	—	4	—	—	10
Sales workers		—	—	—	—	16	28	—	—	9	72	19	6	11
Clerical and kindred workers		73	219	42	1 982	859	679	10	33	133	1 076	381	116	192
Bookkeepers		11	23	—	108	47	136	—	10	50	181	86	21	19
Cashiers		—	—	—	10	6	5	—	—	—	9	—	—	4
Counter clerks, except food		—	—	—	147	—	13	—	—	—	62	12	6	—
File clerks		—	8	—	184	30	44	—	—	11	41	8	9	—
Office machine operators		—	5	—	4	—	5	—	—	—	—	—	—	—
Bookkeeping and billing machine operators		—	—	5	18	—	18	—	—	—	30	—	—	—
Receptionists		—	116	16	636	306	184	5	9	56	221	180	49	30
Secretaries		—	—	—	67	—	—	—	—	—	10	—	—	—
Stenographers		13	33	11	436	42	50	5	—	—	218	13	11	5
Typists		9	30	10	376	418	229	—	14	16	283	64	20	124
Other clerical and kindred workers		—	—	—	—	—	—	—	—	—	—	—	—	—
Craftsman and kindred workers		5	9	—	66	83	138	6	10	24	229	—	5	38
Foremen, n.e.c.		5	6	—	23	28	90	6	10	13	—	—	5	4
Operatives, except transport		43	66	41	397	691	1 783	32	440	181	181	110	260	584
Assemblers		14	32	13	145	149	91	—	—	18	—	38	47	21
Checkers, examiners, and inspectors; manufacturing		12	10	5	75	21	68	9	28	68	40	6	72	83
Packers and wrappers, except meat and produce		—	—	5	6	22	387	—	—	32	9	32	32	109
Other operatives, except transport		17	24	23	171	499	1 243	23	402	63	132	15	109	480
Transport equipment operatives		—	—	—	—	4	10	—	—	—	5	—	—	4
Laborers, except farm		—	—	9	7	37	41	5	—	17	11	5	9	11
Farm workers		—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household		—	11	—	9	32	20	—	5	—	8	—	6	13
Cleaning service workers		—	—	—	—	22	9	—	—	—	—	—	—	9
Personal service workers		—	—	—	—	5	6	—	5	—	—	—	—	4
Other service workers, including private household		—	11	—	9	—	5	—	—	—	8	—	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	Total employed	Railroads and railway express service	Trucking service and ware- housing	Other transportation	Communi- cations	Utilities and sanitary services	Wholesale trade	Retail trade				Finance and real estate							
								General merchandise retailing	Food stores	Automotive dealers and gasoline stations	Eating and drinking places		Other retail trade	Insurance					
SAN JOSE SMSA																			
Professional, technical, and kindred workers	1 412	4 363	6 830	7 165	4 621	15 383	9 341	8 041	9 256	13 105	20 453	5 645	14 997						
Accountants	143	76	1 650	1 126	709	1 281	124	71	122	249	924	280	615						
Architects	24	45	25	73	29	123	28	30	57	29	63	91	180						
Computer specialists	11	9	12	15	25	39	6	5	5	5	15	34	32						
Engineers	45	9	128	567	188	368	6	14	14	5	54	27	37						
Chemical	—	—	—	—	—	5	—	—	—	—	5	—	—						
Civil	13	6	6	10	54	10	—	5	5	—	—	6	6						
Electrical and electronic	15	—	17	44	86	68	—	—	—	—	—	—	6						
Industrial	10	—	17	44	96	68	—	—	—	—	—	—	6						
Mechanical	10	—	5	39	24	29	—	—	—	—	—	—	6						
Other engineers	12	9	45	53	24	270	6	—	9	—	21	—	14						
Mathematical specialists	—	—	—	—	—	4	—	—	—	—	—	—	—						
Life and physical scientists	—	—	—	—	—	4	—	—	—	—	—	—	—						
Chemists	—	—	—	—	—	28	—	—	—	—	—	—	—						
Personnel and labor relations workers	16	—	42	161	8	28	63	12	13	21	66	—	86						
Social scientists	10	—	28	104	11	33	—	5	—	—	20	—	30						
Engineering and science technicians	4	—	9	28	131	60	—	9	6	—	10	—	15						
Draftsmen	—	—	—	—	—	28	—	—	—	—	11	—	—						
Electrical and electronic engineering technicians	—	—	—	—	—	18	—	—	—	—	—	—	—						
Industrial and mechanical engineering technicians	—	—	—	—	—	30	—	—	—	—	—	—	—						
Technicians, except health, and engineering and science	6	—	1	280	12	79	23	—	—	184	98	—	73						
Writers, artists, and entertainers	6	—	4	103	15	79	4	15	27	10	596	—	100						
Other professional, technical, and kindred workers	25	—	110	30	276	137	—	—	—	—	—	—	—						
Managers and administrators, except farm	269	339	525	602	263	2 225	995	1 152	1 676	1 451	2 957	681	3 549						
Buyers, purchasing agents, and sales managers	26	31	33	41	20	278	472	267	277	26	766	125	1 125						
Other managers and administrators	264	298	492	561	243	1 497	523	885	1 399	1 425	2 191	618	3 424						
Shipmen	—	184	472	554	238	1 225	448	554	822	822	1 380	594	3 150						
Self-employed	114	114	—	7	5	272	75	331	573	603	811	24	274						
Sales workers	6	64	76	100	73	3 806	5 214	1 186	1 567	235	8 439	2 226	4 002						
Clerical and kindred workers	299	651	862	3 268	870	2 797	1 655	2 185	820	922	3 356	2 386	5 046						
Bookkeepers	21	99	71	132	44	497	160	148	307	134	1 174	174	438						
Cashiers	—	—	9	26	24	26	490	1 670	62	378	759	—	89						
Estimators and investigators, n.e.c.	27	3	11	104	54	13	97	13	13	19	41	79	216						
Office machine operators	22	37	8	139	34	161	14	16	11	10	318	54	318						
Shipping and receiving clerks	6	41	21	3	15	230	170	165	33	0	130	—	—						
Stock clerks and storekeepers	9	16	7	33	13	213	170	147	33	10	147	6	6						
Other clerical and kindred workers	214	455	715	2 823	684	1 843	598	194	324	165	1 408	2 054	4 681						
Craftsmen and kindred workers	319	299	1 758	1 947	1 436	1 379	283	351	1 974	46	1 697	29	204						
Blacksmiths, farriers, hammermen, and boilermakers	—	—	—	8	—	—	—	6	—	—	—	—	—						
Brickmasons and stonemasons	—	—	—	—	—	—	—	—	—	—	—	—	—						
Carpenters	—	5	—	—	12	—	9	5	5	—	—	—	5						
Carpenters, derrickmen, and hoistmen	—	—	—	5	6	18	—	—	—	—	—	—	18						
Electricians	23	—	16	—	48	14	—	—	—	—	—	—	—						
Excavating, grading, and road machine operators	—	—	—	—	58	10	—	—	—	—	—	—	—						
Foreman, n.e.c.	34	104	174	205	309	425	51	72	60	16	109	10	39						
Mechanics and repairmen	46	152	1 436	67	321	548	115	28	1 848	20	443	37	37						
Automobile, including body	—	122	37	5	27	52	27	12	1 799	—	47	—	—						
Machinists, job setters, and toolmakers	6	—	19	—	4	66	4	—	10	—	6	—	14						
Metal craftsmen, except mechanics and machinists	—	2	64	—	—	15	—	—	—	—	—	—	—						
Painters, construction and maintenance, and plasterers and paperhangers	—	—	19	—	—	23	6	—	5	—	—	—	—						
Plumbers and pipe fitters	—	—	—	—	—	10	—	—	—	—	—	—	—						
Printing craftsmen	—	—	—	—	—	10	—	—	—	—	—	—	—						
Stationary engineers and power station operators	—	9	11	—	—	9	5	4	—	—	—	—	—						
Other craftsmen and kindred workers	204	27	19	1 657	518	235	93	236	41	5	1 055	14	11						
Operatives, except transport	14	53	198	23	176	1 487	228	1 227	2 694	48	555	15	21						
Assemblers	—	—	—	—	—	—	—	—	—	—	—	—	—						
Checkers, examiners, and inspectors; manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—						
Filers, polishers, sanders, and buffers	—	—	—	—	—	—	—	—	—	—	—	—	—						
Painters, manufactured articles	—	—	—	—	—	—	—	—	—	—	—	—	—						
Precision machine operatives	—	—	—	—	—	—	—	—	—	—	—	—	—						
Welders and flamecutters	—	—	—	—	—	—	—	—	—	—	—	—	—						
Other specified operatives	11	11	10	—	5	35	—	—	8	—	14	—	—						
Machine operatives, miscellaneous specified	31	31	75	6	10	899	200	1 150	2 574	23	415	10	10						
Machine operatives, not specified	—	—	—	—	—	174	—	18	31	25	39	—	6						
Miscellaneous operatives	—	—	—	—	—	145	—	10	—	—	20	—	5						
Not specified operatives	3	8	89	12	33	145	5	10	—	—	30	—	—						

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

SAN JOSE SMSA - Continued

Total employed - Continued

Occupation	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communications	Utilities and sanitary services	Wholesale trade	Retail trade				Finance and real estate		
							General merchandise retailing	Food stores	Automotive dealers and gasoline stations	Eating and drinking places	Other retail trade	Insurance	
Transport equipment operators	249	2 558	1 127	24	520	1 499	166	131	194	188	835	-	30
Deliverymen and routemen	13	236	26	17	4	833	146	107	103	64	543	-	6
Truck drivers	236	2 274	31	7	185	413	15	24	69	15	152	-	4
Other transport equipment operators	-	48	1 070	-	331	183	5	-	22	9	140	-	20
Laborers, except farm	37	321	106	20	472	779	252	1 363	149	50	752	5	235
Freight, stock, and material handlers	4	261	60	11	227	553	242	1 313	15	4	472	-	202
Other specified laborers	-	92	30	-	153	90	6	26	105	24	171	-	4
Miscellaneous laborers	33	16	16	9	39	87	4	4	29	-	67	5	9
Not specified laborers	-	-	-	-	-	-	-	20	-	22	42	-	-
Farm workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	76	12	528	55	102	200	424	375	50	9 996	938	23	395
Cleaning service workers	38	12	28	39	42	99	110	145	40	245	80	15	273
Personal service workers	-	-	423	6	-	20	57	13	-	82	48	-	24
Guards and watchmen	6	-	25	10	5	16	177	208	5	-	9	-	23
Other service workers, including private household	32	-	52	-	55	85	-	-	5	9 669	801	8	75
Female employed	71	456	1 193	3 172	565	3 304	6 458	2 286	876	6 239	8 938	2 203	7 616
Professionals, technical, and kindred workers	-	4	18	246	40	194	93	26	41	95	224	42	183
Accountants	-	4	6	28	5	39	11	17	37	12	34	22	64
Computer specialists	-	-	-	5	7	57	-	-	-	-	5	4	12
Life and physical scientists	-	-	-	6	5	4	-	-	-	-	-	-	-
Registered nurses, dietitians, and therapists	-	-	-	11	5	10	-	-	-	-	-	-	-
Social scientists	-	-	-	-	-	-	-	-	-	-	-	-	-
Writers, artists, and entertainers	-	-	-	21	-	27	18	-	-	79	54	-	35
Other professional, technical, and kindred workers	-	-	12	175	23	57	57	9	4	-	131	16	72
Managers and administrators, except farm	5	16	118	125	10	146	318	155	49	311	712	131	991
Salaried	5	16	113	125	10	131	303	88	36	130	448	126	902
Self-employed	-	-	5	-	-	15	15	67	13	181	264	5	89
Sales workers	-	6	59	20	9	259	4 187	606	43	101	4 306	208	998
Clerical and kindred workers	44	353	290	2 965	398	2 090	1 342	1 023	646	791	2 680	1 794	5 252
Bookkeepers	10	83	43	113	17	412	155	728	298	98	728	153	562
Cashiers	-	-	-	29	24	14	426	758	48	521	684	14	80
Counter clerks, except food	10	12	-	77	22	23	26	20	26	24	13	-	5
File clerks	4	21	-	78	14	124	16	10	11	10	38	69	97
Office machine operators	-	-	-	134	5	27	34	10	5	10	41	35	283
Bookkeeping and billing machine operators	-	8	10	6	-	44	4	-	32	-	12	5	163
Receptionists	-	67	63	126	70	698	47	32	109	55	49	26	104
Secretaries	-	5	4	12	6	6	53	3	37	16	384	817	1 246
Stenographers	11	31	19	202	40	153	525	71	85	57	5	13	20
Typists	9	126	135	2 195	182	484	-	-	-	-	103	281	316
Other clerical and kindred workers	-	-	-	-	-	-	-	-	-	-	635	386	2 539
Craftsman and kindred workers	4	11	10	77	5	88	80	40	19	10	210	5	41
Foremen, n.e.c.	-	11	-	50	-	51	19	5	-	4	21	5	24
Operatives, except transport	-	5	5	11	6	511	157	249	48	10	187	15	16
Assemblers, examiners, and inspectors, manufacturing	-	-	-	5	-	58	-	9	-	-	18	-	-
Checkers, examiners, and inspectors, manufacturing	-	-	-	-	-	93	-	9	-	5	15	-	-
Packers and shippers, except meat and produce	-	5	5	6	6	360	61	231	48	5	164	15	16
Other operatives, except transport	-	-	-	-	-	-	-	-	-	-	-	-	-
Transport equipment operators	-	55	295	-	58	15	-	-	11	14	18	-	22
Laborers, except farm	-	-	10	-	4	39	32	43	-	5	104	-	11
Farm workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, including private household	18	6	388	28	35	32	249	144	19	4 902	487	8	102
Cleaning service workers	5	6	4	12	5	5	11	26	14	19	19	-	73
Personal service workers	-	6	362	16	-	14	53	13	-	49	43	-	14
Other service workers, including private household	13	-	22	10	35	13	185	126	5	4 827	425	8	15

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.)

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
12 169	6 429	2 344	12 057	3 462	13 251	9 576	26 796	11 734	5 728	12 956	17 377
3 970	372	56	395	1 086	5 693	4 068	16 794	6 756	2 475	7 487	3 911
272	21	20	10	16	27	32	55	5	53	1 351	3 368
6	—	—	—	—	—	—	5	—	—	386	—
824	71	—	—	—	10	—	29	120	—	206	118
737	60	—	—	—	19	6	21	127	6	923	873
22	—	—	—	—	—	—	—	4	—	14	—
21	—	—	—	—	—	—	5	5	—	238	317
258	25	—	—	—	4	—	10	79	—	171	80
157	6	—	—	—	—	—	—	9	—	37	81
49	—	—	—	—	5	—	—	—	—	103	68
230	29	—	—	—	10	6	6	9	6	347	347
26	—	—	—	—	5	—	6	12	5	25	37
169	—	—	5	—	48	40	29	177	5	286	251
73	—	—	3	—	14	—	9	47	—	85	39
368	—	5	10	19	25	64	51	60	41	36	204
133	—	—	8	—	44	64	93	60	20	84	105
433	40	5	8	16	18	11	80	220	11	668	357
89	24	5	8	—	5	—	8	23	7	342	97
139	—	—	—	—	—	—	—	50	4	133	94
19	10	—	48	—	—	—	31	45	—	—	5
470	20	19	193	482	5	21	97	136	190	696	206
508	150	7	118	548	5 491	3 884	16 297	5 749	2 144	3 026	1 252
1 194	477	433	550	271	311	342	1 343	653	523	495	1 730
13	13	3	11	—	30	5	59	38	22	52	—
1 146	281	430	539	271	430	267	1 284	615	501	443	1 635
881	316	314	292	226	276	267	1 284	572	488	410	1 635
265	148	116	247	45	5	70	—	43	13	33	—
460	148	14	171	104	10	36	44	36	69	111	38
2 978	898	289	798	435	2 459	1 957	4 208	2 357	1 692	3 249	6 552
22	147	72	83	39	86	246	185	151	151	482	249
5	5	24	169	169	61	4	65	20	11	139	35
106	11	4	6	—	5	4	7	10	10	184	145
389	22	4	4	—	49	4	7	81	25	184	145
42	6	—	4	—	11	4	23	33	10	35	115
39	5	—	9	—	39	16	67	18	6	35	115
2 092	702	189	657	202	2 208	1 678	3 797	2 040	1 489	2 528	5 859
779	3 287	35	194	166	280	218	477	298	131	308	787
—	—	—	—	—	5	—	—	—	—	—	—
20	5	10	23	12	24	—	76	22	6	6	51
38	24	—	—	—	28	—	37	52	10	9	73
117	88	—	23	15	24	5	5	30	6	36	12
276	2 631	—	29	39	65	9	162	52	45	66	258
13	1 820	—	—	—	7	—	30	15	—	17	78
4	—	—	—	11	3	—	6	32	—	53	34
25	11	5	23	—	19	6	48	—	4	15	48
10	24	—	—	—	9	—	17	13	5	3	39
17	—	—	—	—	3	10	32	10	10	6	11
33	—	—	—	—	53	—	22	14	—	5	30
27	5	—	—	89	43	188	51	47	21	109	105
207	495	9	96	—	—	—	—	—	—	—	—
539	467	6	1 391	66	124	65	75	104	60	158	148
28	10	—	14	—	—	14	—	10	9	52	11
—	—	—	—	—	—	—	—	—	—	—	—
—	4	—	—	—	—	—	—	—	—	—	—
—	149	—	—	—	—	—	—	—	—	—	—
7	100	—	—	—	—	—	27	5	—	10	10
6	128	6	1	52	119	37	12	23	—	58	69
307	17	—	—	3	—	—	13	21	16	18	10
39	17	—	8	8	—	—	15	13	5	12	10
22	13	—	5	3	—	9	25	37	—	5	12
119	27	—	—	3	5	—	—	57	30	10	23
11	4	—	18	—	—	5	—	8	—	—	4

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

SAN JOSE SMSA—Continued

Total employed—Continued

Occupation	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
Deliverymen and route men	199	217	—	213	12	53	22	104	18	44	31	71
Truck drivers	120	32	—	136	—	29	17	41	29	10	5	55
Other transport equipment operatives	56	72	—	20	12	12	5	41	3	17	14	15
Labors, except farm	165	357	36	735	232	82	79	438	154	56	115	595
Freight, stock, and material handlers	38	8	—	55	4	48	—	38	18	29	26	100
Other specified laborers	42	322	36	590	216	38	61	350	130	22	79	466
Miscellaneous laborers	53	9	—	5	7	—	10	26	—	5	10	9
Not specified laborers	32	18	—	85	5	—	—	24	6	—	—	20
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	1 845	206	1 475	7 610	1 090	4 239	2 789	3 313	1 358	678	1 007	3 543
Personal service workers	1 385	46	541	1 270	196	636	215	1 563	457	246	60	275
Guards and watchmen	51	17	561	3 285	443	56	75	755	396	122	44	61
Other service workers, including private household	356	143	373	4 205	451	3 525	2 499	41	15	310	903	3 058
Female employed	4 130	998	1 445	8 240	1 437	10 264	6 589	16 133	6 311	3 172	5 867	4 890
Professionals, technical, and kindred workers	803	67	10	148	486	4 454	1 834	10 338	3 419	1 176	2 017	767
Computer specialists	132	5	—	5	5	13	17	35	25	16	35	83
Life and physical scientists	108	23	—	7	—	—	—	9	46	—	27	20
Registered nurses, dietitians, and therapists	11	—	—	41	5	29	14	253	58	70	19	55
Social scientists	60	—	—	3	—	3 501	1 195	46	21	14	21	10
Writers, artists, and entertainers	125	5	5	62	164	27	14	45	47	119	42	270
Other professional, technical, and kindred workers	364	34	5	36	312	884	581	9 950	3 159	957	1 369	529
Managers and administrators, except farm	168	29	213	131	37	140	218	385	241	103	139	204
Salaried	126	24	163	59	32	140	172	385	228	96	123	204
Self-employed	42	5	50	72	5	—	46	—	13	7	16	—
Sales workers	158	36	14	98	70	10	25	20	4	38	55	20
Clerical and kindred workers	2 431	692	172	722	352	2 254	1 888	3 664	1 838	1 541	2 916	3 538
Bookkeepers	248	121	40	167	82	246	246	167	99	121	429	188
Cashiers	22	5	24	35	137	51	4	65	46	11	9	30
Counter clerks, except food	5	35	31	301	19	—	—	—	5	6	—	4
File clerks	86	4	—	3	—	116	51	85	39	32	72	137
Office machine operators	228	8	—	—	—	33	5	40	25	25	137	101
Bookkeeping and billing machine operators	9	—	10	137	11	367	582	57	—	73	70	53
Receptionists	82	—	—	—	—	527	672	827	—	772	1 178	749
Secretaries	748	142	40	59	92	280	135	1 384	190	12	17	120
Stenographers	17	—	—	18	20	789	176	538	281	208	649	649
Typists	343	24	—	96	34	—	—	1 298	532	—	813	1 507
Other clerical and kindred workers	650	345	27	—	—	—	—	—	—	—	—	—
Foremen, n.e.c.	61	79	—	32	—	31	53	55	41	—	56	6
Operatives, except transport	226	28	6	994	43	73	39	17	23	22	48	14
Assemblers	18	10	—	14	—	—	5	—	—	4	—	—
Checkers, examiners, and inspectors; manufacturing	—	—	—	—	—	—	—	—	—	—	—	—
Packers and wrappers, except meat and produce	10	—	—	—	—	—	5	—	—	5	—	—
Other operatives, except transport	198	18	6	906	43	73	29	17	23	13	22	14
Transport equipment operatives	9	—	—	12	—	4	5	14	—	—	5	5
Labors, except farm	14	13	—	73	—	32	5	14	12	—	26	19
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	260	54	1 070	6 100	449	3 546	2 522	1 626	733	292	583	317
Personal service workers	140	12	412	50	23	54	94	78	103	55	29	19
Other service workers, including private household	51	12	462	2 098	165	37	72	682	358	90	20	20
Other service workers, including private household	69	30	196	3 952	261	2 864	2 356	866	272	147	554	278

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.]

	Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing							Total
					Durable goods							
					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	
SANTA BARBARA SMSA												
Total employed	94 900	5 092	1 453	4 964	135	191	41	105	216	589	3 507	
Professionals, technical, and kindred workers	19 768	250	147	331	5	—	—	—	25	142	953	
Accountants	754	5	10	—	—	—	—	—	—	12	58	
Architects	111	30	—	6	—	—	—	—	—	—	21	
Computer specialists	374	11	6	14	—	—	—	—	—	42	428	
Engineers	2 686	11	43	98	—	—	—	5	9	31	12	
Chemical	34	—	5	—	—	—	—	—	—	—	—	
Civil	201	—	4	42	—	—	—	—	5	—	236	
Electrical and electronic	936	5	14	14	—	—	—	—	4	9	111	
Industrial	364	—	11	3	—	—	—	—	2	2	26	
Mechanical	268	—	5	5	—	—	—	—	—	20	43	
Other engineers	883	6	23	14	—	—	—	—	—	—	—	
Mathematical specialists	—	—	5	—	—	—	—	—	—	—	—	
Life and physical scientists	235	—	6	—	—	—	—	—	—	—	21	
Chemists	70	—	11	—	—	—	—	—	—	—	—	
Personnel and labor relations workers	409	13	—	16	5	—	—	—	—	5	21	
Social scientists	168	—	—	—	—	—	—	—	—	—	—	
Engineering and science technicians	1 552	6	39	68	—	—	—	6	16	19	250	
Draftsmen	294	—	13	25	—	—	—	—	—	—	35	
Electrical and electronic engineering technicians	654	6	6	9	—	—	—	6	5	5	165	
Industrial and mechanical engineering technicians	63	—	10	—	—	—	—	—	—	—	16	
Technicians, except health, and engineering and science	303	4	11	4	—	—	—	—	—	—	5	
Writers, artists, and entertainers	1 505	49	17	4	—	—	—	—	—	—	50	
Other professional, technical, and kindred workers	11 977	126	17	121	—	—	—	—	—	—	94	
Managers and administrators, except farm	9 169	26	81	600	19	4	5	10	17	54	186	
Buyers, purchasing agents, and sales managers	8 836	—	13	11	—	—	—	—	—	—	19	
Other managers and administrators	6 307	26	68	589	19	4	5	5	11	45	167	
Salaried	1 946	3	50	358	3	4	5	5	11	34	167	
Self-employed	7 269	35	18	231	16	—	—	—	—	11	—	
Sales workers	16 125	106	12	278	31	10	9	22	42	51	483	
Clerical and kindred workers	2 028	12	20	118	14	5	—	—	14	4	44	
Bookkeepers	986	5	—	6	—	—	—	—	—	—	—	
Cashiers	378	3	—	39	—	—	—	—	—	—	—	
Estimators and investigators, n.e.c.	451	—	4	—	—	—	—	—	—	—	—	
Office machine operators	228	6	—	—	6	—	—	—	12	—	33	
Shipping and receiving clerks	463	—	2	—	—	—	—	—	—	—	20	
Stock clerks and storeroom	11 971	80	44	116	11	5	9	12	16	37	320	
Other clerical and kindred workers	10 858	66	460	2 619	49	48	—	14	42	147	444	
Craftsmen and kindred workers	31	—	7	—	—	—	—	—	—	—	—	
Blacksmiths, farriers, bootmakers, and boiler-makers	87	—	—	49	—	—	—	—	—	—	—	
Brickmasons and stonemasons	708	12	5	520	15	5	—	—	—	—	—	
Carpenters	99	—	16	22	—	—	—	—	—	—	—	
Cronenmen, derrickmen, and hoistmen	506	—	33	222	—	—	—	—	—	—	26	
Electricians	339	7	14	253	—	—	—	—	—	—	—	
Excavating, grading, and road machine operators	1 366	18	94	222	14	16	8	8	10	34	168	
Foremen, n.e.c.	2 845	6	164	120	—	—	—	—	6	—	80	
Mechanics and repairmen	1 096	6	22	14	—	—	—	—	—	—	110	
Automobile, including body	364	—	12	—	—	—	—	—	—	—	—	
Machinists, job setters, and toolmakers	116	—	6	51	—	—	—	—	12	—	—	
Metal craftsmen, except mechanics and machinists	605	—	6	391	4	—	—	—	—	—	11	
Painters, construction and maintenance, and plasterers and paperhangers	338	5	10	185	—	—	—	—	—	—	4	
Plumbing craftsmen	274	—	—	—	—	—	—	—	—	—	6	
Printing craftsmen	233	—	—	—	—	—	—	—	—	—	17	
Stationery engineers and power station operators	2 737	18	22	567	16	11	11	—	14	—	—	
Other craftsmen and kindred workers	7 462	105	505	258	18	75	27	36	83	125	1 300	
Operatives, except transport	738	—	—	—	3	—	—	—	35	—	554	
Assemblers	567	—	—	—	—	—	—	—	—	—	270	
Checkers, examiners, and inspectors; manufacturing	35	—	—	—	—	—	—	—	—	—	8	
Filers, polishers, sanders, and buffers	72	—	—	—	—	—	—	—	—	—	6	
Painters, manufactured articles	114	—	—	—	—	—	—	—	—	—	3	
Precision machine operatives	81	—	—	—	—	—	—	—	—	—	3	
Welders and fitters	283	18	11	45	5	3	10	—	25	31	69	
Other specified operatives	4 363	59	450	167	—	—	—	—	13	—	193	
Machine operatives, miscellaneous specified	271	—	—	9	—	—	—	—	—	—	5	
Machine operatives, not specified	117	7	—	—	—	—	—	—	—	—	4	
Miscellaneous operatives	578	21	—	20	—	—	—	—	—	—	17	
Not specified operatives	140	—	—	—	—	—	—	—	—	—	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.]

	Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construc- tion	Manufacturing							Total	Electrical machinery, equipment, and supplies
					Durable goods								
					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	-		
SANTA BARBARA SMSA — Continued													
Total employed — Continued													
Transport equipment operatives	2 387	52	119	135	315	7	25	-	12	3	3	21	
Deliverymen and routemen	611	23	33	108	97	7	25	-	12	3	3	-	
Truck drivers	935	29	86	27	106	7	25	-	12	3	3	21	
Other transport equipment operatives	841	-	-	-	112	-	-	-	-	-	-	-	
Labors, except farm	4 417	794	47	695	263	6	17	-	-	-	19	65	
Freight, stock, and material handlers	1 058	15	18	695	110	6	6	-	-	-	8	45	
Other specified laborers	2 949	764	10	66	66	6	6	-	-	-	8	5	
Miscellaneous laborers	125	4	10	23	23	-	-	-	-	-	5	10	
Not specified laborers	285	11	9	-	64	-	11	-	-	-	5	10	
Farm workers	3 600	3 600	-	-	-	-	-	-	-	-	-	-	
Service workers, including private household	13 925	58	12	43	172	-	5	-	-	-	4	26	
Cleaning service workers	2 360	14	12	32	100	-	5	-	-	-	4	19	
Personal service workers	1 477	7	-	11	99	-	-	-	-	-	-	3	
Guards and watchmen	433	6	-	-	43	-	-	-	-	-	-	4	
Other service workers, including private household	9 635	38	-	-	43	-	-	-	-	-	-	4	
Female employed	37 139	678	85	270	3 544	24	26	16	12	43	85	1 430	
Professional, technical, and kindred workers	7 394	25	15	22	282	-	-	-	-	-	13	55	
Accountants	275	-	-	-	9	-	-	-	-	-	-	5	
Computer specialists	78	-	-	6	9	-	-	-	-	-	-	4	
Life and physical scientists	21	-	-	-	10	-	-	-	-	-	-	4	
Registered nurses, dietitians, and therapists	1 383	-	-	-	6	-	-	-	-	-	-	-	
Social scientists	51	-	-	-	6	-	-	-	-	-	-	-	
Writers, artists, and entertainers	376	18	4	4	82	-	-	-	-	-	4	46	
Other professional, technical, and kindred workers	5 210	7	15	12	106	-	-	-	-	-	9	5	
Managers and administrators, except farm	1 978	-	11	-	86	-	-	-	-	-	-	5	
Salaried	1 563	-	11	-	69	-	-	-	-	-	-	5	
Self-employed	415	-	-	-	17	-	-	-	-	-	-	-	
Sales workers	3 018	-	-	-	67	-	7	-	-	-	-	-	
Clerical and kindred workers	12 417	85	47	164	1 110	19	5	9	7	25	30	368	
Bookkeepers	1 771	12	20	91	161	8	5	-	-	9	4	44	
Cashiers	831	5	-	-	6	-	-	-	-	-	-	-	
Counter clerks, except food	168	-	5	-	5	-	-	-	-	-	-	-	
File clerks	127	-	4	-	26	-	-	-	-	-	-	12	
Office machine operators	331	-	5	-	57	-	-	-	-	-	-	24	
Bookkeeping and billing machine operators	101	-	4	-	10	-	-	-	-	-	-	5	
Receptionists	422	21	4	-	19	-	-	-	-	-	-	11	
Secretaries	396	38	4	48	393	11	-	5	7	16	21	125	
Stenographers	77	5	4	19	99	-	-	4	-	-	-	17	
Typists	947	4	14	6	339	-	-	-	-	-	-	130	
Other clerical and kindred workers	4 147	4	-	6	339	-	-	-	-	-	-	74	
Craftsman and kindred workers	606	-	3	50	232	5	-	-	-	-	5	74	
Foremen, n.e.c.	174	-	-	-	111	-	-	-	-	-	-	44	
Operatives, except transport	2 991	34	4	16	1 736	14	14	7	5	18	31	887	
Assemblers	541	-	-	-	541	-	-	-	-	13	15	474	
Checkers, examiners, and inspectors, manufacturing	231	-	-	-	231	-	-	-	-	5	7	161	
Packers and wrappers, except meat and produce	323	19	-	-	240	-	-	-	-	5	-	21	
Other operatives, except transport	1 896	15	4	16	724	-	-	7	-	-	9	231	
Transport equipment operatives	128	-	-	-	5	-	-	-	-	-	-	-	
Labors, except farm	321	54	-	11	63	-	-	-	-	-	6	37	
Farm workers	448	448	-	-	-	-	-	-	-	-	-	-	
Service workers, including private household	7 838	32	5	7	13	-	-	-	-	-	-	4	
Cleaning service workers	581	-	-	-	581	-	-	-	-	-	-	-	
Personal service workers	1 088	-	-	-	1 088	-	-	-	-	-	-	-	
Other service workers, including private household	6 169	27	5	7	13	-	-	-	-	-	-	4	

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)

		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
SANTA BARBARA SMSA														
Total employed		88	747	83	1 667	1 186	1 327	34	61	33	1 076	765	64	471
Professional, technical, and kindred workers		42	263	7	802	212	28	-	10	-	237	9	-	34
Accountants		-	14	-	35	5	-	-	-	-	14	-	-	-
Architects		-	-	-	17	14	-	-	-	-	-	-	-	-
Computer specialists		9	5	-	17	14	-	-	-	-	4	-	-	13
Engineers		22	147	7	446	39	11	-	-	-	4	5	-	3
Chemical		-	-	-	6	-	-	-	-	-	-	5	-	5
Civil		-	-	-	9	-	-	-	-	-	-	-	-	3
Electrical and electronic		-	44	-	114	4	6	-	-	-	4	-	-	5
Industrial		-	10	-	51	9	5	-	-	-	-	-	-	-
Mechanical		16	10	7	92	10	-	-	-	-	-	-	-	-
Other engineers		6	93	-	174	16	-	-	-	-	-	-	-	5
Mathematical specialists		-	-	-	-	-	-	-	-	-	-	-	-	-
Life and physical scientists		-	-	-	5	-	6	-	-	-	4	-	-	-
Chemists		-	-	-	5	-	6	-	-	-	4	-	-	-
Personnel and labor relations workers		-	5	-	46	5	5	-	-	-	5	-	-	-
Social scientists		-	58	-	175	34	6	-	-	-	-	-	-	-
Engineering and science technicians		4	28	-	123	13	-	-	-	-	-	-	-	-
Draftsmen		4	7	-	10	5	-	-	-	-	-	-	-	-
Electrical and electronic engineering technicians		-	2	-	31	5	-	-	-	-	-	-	-	-
Industrial and mechanical engineering technicians		-	15	-	9	5	-	-	-	-	-	-	-	-
Technicians, except health, and engineering and science writers, artists, and engravers		-	5	-	38	79	-	-	-	-	204	-	-	21
Other professional, technical, and kindred workers		7	9	-	38	79	-	-	-	-	6	-	-	-
Managers and administrators, except farm		-	71	-	118	174	77	-	-	-	110	10	4	18
Buyers, purchasing agents, and sales managers		-	5	-	18	5	19	-	-	-	16	-	-	-
Other managers and administrators		-	66	-	100	169	58	-	-	-	76	10	4	18
Salaried		-	61	-	100	135	53	-	-	-	55	10	-	7
Self-employed		-	5	-	-	34	5	-	-	-	39	-	-	11
Sales workers		6	16	-	-	38	64	-	-	-	153	42	-	58
Clerical and kindred workers		18	103	12	275	124	82	5	-	-	193	20	14	76
Bookkeepers		-	5	7	27	18	19	-	-	-	31	5	4	-
Cashiers		-	-	-	-	-	6	-	-	-	-	-	-	-
Estimators and investigators, n.e.c.		-	-	-	-	-	5	-	-	-	10	-	-	6
Office machine operators		-	9	-	10	12	5	-	-	-	15	-	-	-
Shipping and receiving clerks		-	-	-	9	-	-	-	-	-	17	-	-	-
Stock clerks and storekeepers		-	5	-	15	5	47	-	-	-	9	-	-	-
Other clerical and kindred workers		18	84	5	213	89	-	-	-	-	111	11	5	70
Craftsmen and kindred workers		8	174	41	262	237	202	10	11	12	250	35	4	54
Blacksmiths, forgers, hammermen, and boilermakers		-	-	-	-	4	-	-	-	-	-	-	-	5
Brickmasons and stonemasons		-	-	-	-	-	-	-	-	-	-	-	-	-
Carpenters		-	-	28	-	-	-	-	-	-	-	-	-	-
Electricians		-	20	10	22	26	5	-	-	6	-	-	-	5
Excavating, grading, and road machine operators		-	31	-	101	80	5	-	-	6	10	-	-	13
Foremen, n.e.c.		3	96	-	81	-	84	-	-	6	66	6	-	7
Machinists and repairmen		3	-	-	81	-	17	-	-	-	6	13	-	-
Apprentices, including body		5	5	-	11	9	9	-	-	-	5	6	-	4
Machinists, job setters, and toolmakers		-	-	-	-	-	-	-	-	-	-	-	-	-
Metal craftsmen, except mechanics and machinists		-	11	-	10	4	5	-	-	-	-	-	-	-
Painters, construction and maintenance, and plasterers and paperhangers		-	-	-	6	5	-	-	-	-	173	-	-	8
Plumbers and pipe fitters		-	-	-	-	-	-	-	-	-	-	-	-	-
Printing craftsmen		-	11	-	-	-	-	-	-	-	-	-	-	-
Stationary engineers and power station operators		-	-	3	5	135	10	10	6	-	-	-	-	12
Other craftsmen and kindred workers		-	-	-	-	-	-	-	-	-	-	-	-	-
Operatives, except transport		5	72	14	142	347	650	19	24	-	66	44	37	186
Assemblers		5	18	-	11	42	6	-	-	-	7	-	-	10
Checkers, examiners, and inspectors; manufacturing		-	36	-	96	34	6	11	-	-	7	-	-	56
Filers, polishers, sanders, and buffers		-	-	-	-	17	-	-	-	-	-	-	-	-
Painters, manufactured articles		-	-	-	5	-	5	-	-	-	-	-	-	-
Precision machine operatives		-	-	-	-	-	-	-	-	-	-	-	-	-
Welders and flamecutters		-	6	-	11	10	9	-	-	-	-	-	-	-
Other specified operatives		-	8	5	11	168	396	8	24	-	21	10	5	100
Machine operatives, miscellaneous specified		-	-	5	7	11	45	-	-	-	13	6	-	25
Machine operatives, not specified		-	-	-	6	38	7	-	-	-	10	19	-	-
Miscellaneous operatives		-	5	4	6	27	172	-	-	-	15	4	-	-
Not specified operatives		-	-	-	-	-	4	-	-	-	-	5	-	5

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.]

	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 miscel-aneous plastic products	Other nondurable goods, incl. not specified manufacturing
SANTA BARBARA SMSA—Continued													
Total employed—Continued													
Transport equipment operatives	—	—	—	34	15	115	—	—	4	18	5	—	32
Deliverymen and routemen	—	—	—	10	63	34	—	—	4	11	—	—	6
Truck drivers	—	—	—	6	7	18	—	—	—	—	—	—	14
Other transport equipment operatives	—	—	—	18	15	—	—	—	—	—	5	—	12
La borers, except farm													
Freight, stock, and material handlers	—	—	5	10	39	42	—	—	—	24	—	—	—
Other specified laborers	—	—	5	5	5	21	—	—	—	18	—	—	—
Miscellaneous laborers	—	—	—	5	23	6	—	—	—	—	—	—	—
Not specified laborers	—	—	—	—	5	14	—	—	—	6	—	—	—
Not specified laborers	—	—	—	—	5	21	—	—	—	—	—	—	—
Farm workers													
Service workers, including private household	—	—	—	—	—	—	—	—	—	—	—	—	—
Cleaning service workers	9	15	4	24	—	47	—	—	—	25	—	—	13
Personal service workers	9	6	4	19	—	21	—	—	—	13	—	—	—
Guards and watchmen	—	—	—	—	—	—	—	—	—	—	—	—	—
Other service workers, including private household	—	—	—	5	—	—	—	—	—	12	—	—	13
Other service workers	—	—	—	—	—	26	—	—	—	—	—	—	—
Female employed													
Accountants	12	98	7	208	414	579	22	34	6	321	32	46	129
Professionals, technical, and kindred workers	—	—	—	16	34	6	—	10	—	73	—	—	5
Computer specialists	—	—	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists	—	—	—	—	5	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	—	—	—	6	—	6	—	—	—	4	—	—	—
Social scientists	—	—	—	—	—	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	—	—	—	—	14	—	—	10	—	64	—	—	—
Other professional, technical, and kindred workers	—	16	—	10	15	—	—	—	—	5	—	—	5
Managers and administrators, except farm	—	—	—	4	31	17	—	—	—	24	—	—	—
Salaried	—	—	—	4	26	17	—	—	—	12	—	—	—
Self-employed	—	—	—	—	5	—	—	—	—	—	—	—	—
Sales workers													
Clerical and kindred workers	12	78	7	161	85	67	5	—	—	142	5	14	61
Bookkeepers	—	—	—	17	18	9	—	—	—	31	—	—	—
Cashiers	—	—	—	—	—	6	—	—	—	—	—	—	—
Counter clerks, except food	—	—	—	—	—	—	—	—	—	—	—	—	—
File clerks	—	—	—	—	—	—	—	—	—	—	—	—	—
Office machine operators	—	—	—	10	—	5	—	—	—	5	—	—	—
Bookkeeping and billing machine operators	—	—	—	—	—	—	—	—	—	—	—	—	—
Receptionists	—	—	—	—	—	—	—	—	—	—	—	—	—
Secretaries	—	—	—	86	13	5	—	—	—	8	—	—	—
Stenographers	—	—	—	—	—	—	—	—	—	—	—	—	—
Typists	—	—	—	20	13	6	—	—	—	28	—	—	—
Other clerical and kindred workers	—	18	—	28	51	36	5	—	—	32	—	10	25
Craftsmen and kindred workers													
Foremen, n.e.c.	—	—	—	21	48	24	6	—	6	33	6	4	—
Operatives, except transport	—	—	—	5	10	24	—	—	6	16	—	—	—
Assemblers	—	—	—	—	—	427	11	24	—	22	11	28	48
Checkers, examiners, and inspectors; manufacturing	—	—	—	6	23	6	—	—	—	—	—	—	—
Packers and wrappers, except meat and produce	—	—	—	6	24	6	—	—	—	7	—	—	—
Other operatives, except transport	—	—	—	—	11	194	—	—	—	4	—	—	—
Transport equipment operatives	—	—	—	—	139	221	—	24	—	11	11	23	43
La borers, except farm	—	—	—	—	—	—	—	—	—	—	—	—	—
Farm workers	—	—	—	—	9	6	—	—	—	5	—	—	—
Service workers, including private household	—	—	—	—	—	—	—	—	—	—	—	—	—
Cleaning service workers	—	—	—	—	—	9	—	—	—	—	—	—	—
Personal service workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Other service workers, including private household	—	—	—	—	—	—	—	—	—	—	—	—	—

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.]

Occupation	Railroads and railway express service	Trucking services and warehousing	Other transportation	Communi-cations	Utilities and sanitary services	Wholesale trade	Retail trade				Insurance	Finance and real estate	
							General merchandise retailing	Food stores	Automotive dealers and gasoline stations	Eating and drinking places			Other retail trade
SANTA BARBARA SMSA													
Total employed	131	730	739	1 717	1 391	3 260	2 158	2 152	2 559	3 795	6 389	1 054	3 929
Professional, technical, and kindred workers													
Accountants		6	61	340	122	162	56	16		65	287	28	117
Architects				4		20	19				31	11	28
Computer specialists				12		28					4		5
Engineers			27	149	22	41		6			5	11	
Chemical					5								
Civil				125	17	10		6					
Electrical and electronic				5		4							
Industrial			22										
Mechanical			5			27							
Other engineers				19									
Mathematical specialists				10									
Life and physical scientists						14							
Chemists				28	6		20	5		8	10		32
Personnel and labor relations workers				48	31	7				4			12
Social scientists				31	23	13	5			6			6
Engineering and science technicians				24	4	5				6			6
Draftsmen				10	49	11	8			6			14
Electrical and electronic engineering technicians				55			4			4			15
Industrial and mechanical engineering technicians			29	10									
Technicians, except health, and engineering and science			5										
Writers, artists, and entertainers													
Other professional, technical, and kindred workers													
Managers and administrators, except farm													
Buyers, purchasing agents, and sales managers	4	101	107	108	66	351	238	387	440	563	1 143	75	983
Other managers and administrators	4	101	107	91	66	60	93	104	43	3	186	14	10
Salaried	4	79	79	76	66	291	145	283	397	560	957	61	973
Self-employed		31	28	15		68	12	118	143	279	287	50	814
Sales workers													
Clerical and kindred workers													
Bookkeepers	28	103	109	546	53	415	473	533	198	205	862	456	1 382
Cashiers		44	17	161	53	8	97	58	107	44	182	59	121
Estimators and investigators, n.e.c.			7	5			116	360	7	108	159		22
Office machine operators				59	43	11	6	4			23	35	80
Shipping and receiving clerks				5									
Stock clerks and storekeepers	10	6		14		36	36	16					5
Other clerical and kindred workers	13	49	85	459	192	177	166	43	80	53	431	4	1 131
Craftsmen and kindred workers													
Blacksmiths, forgers, hammermen, and ballmakers	44	72	41	662	519	427	139	72	582	9	632	9	67
Brickmasons and stonemasons													
Carpenters													
Cranemen, derrickmen, and hoistmen													
Electricians	5				41	5							4
Excavating, grading, and road machine operators	14	26		35	12	127	27	16	25		67		24
Foremen, n.e.c.	8	22	25	33	67	130	69	6	488	9	117		5
Mechanics and repairmen				9	137	18	31		15				6
Automobile, including body	4	11			15								
Machinists, job setters, and toolmakers													
Metal craftsmen, except mechanics and machinists			11				4		9				23
Painters, construction and maintenance, and plasterers and paperhangers			5			6							
Plumbers and pipe fitters				17	13		4						
Printing craftsmen													
Stationary engineers and power station operators					47								
Other craftsmen and kindred workers	13	12		575	192	106	35	50	5		389		5
Operatives, except transport													
Assemblers	4	14	37	6	53	813	20	227	848	24	160		11
Checkers, examiners, and inspectors; manufacturing													
Filers, polishers, sanders, and buffers													
Painters, manufactured articles									30				
Precision machine operatives					21								
Welders and flamecutters	4	5	10	6	10	715	20	195	807	10	195		6
Other specified operatives				6	6	25		10	6	10			5
Machine operatives, miscellaneous specified						22		7					
Machine operatives, not specified					12	15		1	5	4	9		5
Miscellaneous operatives			21		4	14		15		6			
Not specified operatives													

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

SANTA BARBARA SMSA—Continued

Total employed—Continued

	Railroads and railway express service	Trucking service and ware- housing	Other transport equipment	Communi- cations	Utilities and sanitary services	Wholesale trade	Retail trade					Insurance	Finance and real estate
							General merchandise retailing	Food stores	Automotive dealers and gasoline stations	Eating and drinking places	Other retail trade		
Transport equipment operatives.....	19	382	313	4	135	263	43	30	22	29	139	—	24
Deliverymen and routemen.....	5	23	—	—	14	145	38	17	13	17	84	—	—
Truck drivers.....	5	345	—	—	60	88	5	5	9	12	33	—	5
Other transport equipment operatives.....	9	14	313	4	61	30	—	—	—	—	22	—	19
Laborers, except farm.....	32	44	18	10	142	268	45	439	54	10	209	—	72
Freight, stock, and material handlers.....	—	37	13	6	87	145	39	421	12	10	40	—	7
Other specified laborers.....	—	7	—	—	46	40	—	5	33	—	134	—	65
Miscellaneous laborers.....	15	—	—	4	5	49	—	—	—	—	15	—	—
Not specified laborers.....	17	—	5	—	4	34	6	13	9	—	—	—	—
Farm workers.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household.....	—	4	38	5	17	78	95	123	23	2 839	427	—	171
Cleaning service workers.....	—	4	10	5	12	18	42	13	23	84	43	—	99
Personal service workers.....	—	—	6	—	—	—	5	—	—	33	4	—	4
Guards and watchmen.....	—	—	—	—	5	10	—	—	—	—	9	—	20
Other service workers, including private household.....	—	—	22	—	—	50	42	110	—	2 722	371	—	48
Female employed.....	—	112	143	572	241	902	1 427	774	207	1 956	2 955	405	1 889
Professionals, technical, and kindred workers.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Accountants.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Computer specialists.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Social scientists.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Writers, artists, and entertainers.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Other professional, technical, and kindred workers.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Managers and administrators, except farm.....	—	4	29	9	4	39	101	50	4	131	345	—	358
Soliered.....	—	4	23	4	4	34	87	37	4	41	254	—	328
Self-employed.....	—	—	4	5	—	5	14	13	—	90	91	—	30
Sales workers.....	—	—	4	—	—	21	810	202	11	31	1 511	42	201
Clerical and kindred workers.....	—	59	39	495	180	277	375	360	173	180	702	346	1 213
Bookkeepers.....	—	39	7	—	36	126	92	53	97	40	177	59	111
Cashiers.....	—	—	—	—	—	4	97	267	—	95	154	—	22
Counter clerks, except food.....	—	—	—	—	—	11	10	4	—	10	5	—	—
File clerks.....	—	—	—	—	6	—	—	—	—	5	—	—	—
Office machine operators.....	—	—	—	—	—	9	6	7	—	—	17	—	5
Bookkeeping and billing machine operators.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Receptionists.....	—	—	—	—	—	5	—	—	—	—	7	—	—
Secretaries.....	—	5	6	59	58	58	10	11	11	4	72	—	75
Stenographers.....	—	—	—	—	—	5	—	—	—	—	23	—	62
Typists.....	—	13	9	23	—	5	37	—	5	—	16	—	36
Other clerical and kindred workers.....	—	—	—	395	80	59	123	18	14	—	234	—	595
Craftsmen and kindred workers.....	—	16	—	13	—	18	19	12	6	—	63	—	24
Foremen, n.e.c.....	—	4	—	4	—	7	8	—	—	—	—	—	19
Operatives, except transport.....	—	9	—	—	5	484	15	43	13	19	55	—	—
Assemblers.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Packers and wrappers, except meat and produce.....	—	—	—	—	—	42	—	—	—	10	—	—	—
Other operatives, except transport.....	—	9	—	—	5	442	15	43	13	9	55	—	—
Transport equipment operatives.....	—	19	61	—	15	—	5	—	—	—	5	—	—
Laborers, except farm.....	—	5	—	—	20	28	13	27	—	—	19	—	4
Farm workers.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household.....	—	—	10	—	—	15	47	75	—	1 583	185	—	44
Cleaning service workers.....	—	—	—	—	—	5	—	5	—	—	9	—	25
Personal service workers.....	—	—	6	—	—	—	5	—	—	—	4	—	4
Other service workers, including private household.....	—	—	4	—	—	10	42	70	—	1 574	181	—	15

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.]

	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 organizations	Other professional and related services	Public administration
SANTA BARBARA SMSA												
Total employed	3 656	1 355	1 555	4 478	973	3 054	2 474	9 708	2 244	1 509	4 239	6 436
Professional, technical, and kindred workers.....	1 316	54	52	216	190	1 257	1 077	5 515	1 173	633	2 267	1 250
Accountants.....	75	—	25	6	—	16	—	28	6	—	5	4
Architects.....	5	—	—	—	—	—	—	5	—	—	61	42
Computer specialists.....	107	—	—	—	—	5	7	29	—	—	264	—
Engineers.....	410	—	—	—	—	—	—	—	—	—	—	—
Chemical.....	6	—	—	—	—	—	—	—	—	—	—	—
Civil.....	10	—	—	—	—	—	7	10	—	—	—	76
Electrical and electronic.....	127	—	—	—	—	—	—	—	—	—	—	148
Industrial.....	55	—	—	—	—	—	—	7	—	—	—	67
Mechanical.....	22	—	—	—	—	—	—	—	—	—	—	26
Other engineers.....	190	—	—	—	—	5	—	12	—	—	141	74
Mathematical specialists.....	6	5	—	—	—	—	—	4	—	—	9	30
Life and physical scientists.....	48	—	—	—	—	10	5	45	—	—	34	32
Chemists.....	5	—	—	—	—	10	5	17	—	—	—	18
Personnel and labor relations workers.....	40	—	—	—	—	6	—	20	10	5	—	86
Social scientists.....	26	—	—	—	—	8	—	23	16	5	—	5
Engineering and science technicians.....	224	7	6	17	—	—	27	156	15	—	148	159
Draftsmen.....	—	—	6	12	—	—	—	14	—	—	63	82
Electrical and electronic engineering technicians.....	135	7	—	—	—	—	—	16	—	—	13	5
Industrial and mechanical engineering technicians.....	5	—	—	—	—	—	—	—	—	—	—	—
Technicians, except health, and engineering and science.....	23	—	—	—	—	—	—	—	—	—	—	—
Writers, artists, and entertainers.....	165	11	5	73	6	—	4	132	9	—	36	69
Other professional, technical, and kindred workers.....	187	31	16	115	66	1 212	1 017	5 084	1 100	554	1 770	286
Managers and administrators, except farm.....	399	140	292	222	127	65	98	508	180	102	136	735
Buyers, purchasing agents, and sales managers.....	46	5	6	6	—	4	—	20	—	—	20	56
Other managers and administrators.....	353	135	286	216	127	61	96	488	169	102	116	679
Other managers and administrators.....	303	110	186	110	103	61	112	488	149	96	112	679
Salaried.....	50	63	100	106	24	—	30	—	20	6	4	—
Self-employed.....	91	19	—	19	41	10	6	9	14	4	18	4
Sales workers.....	851	176	211	258	143	426	519	2 009	351	440	1 037	2 073
Clerical and kindred workers.....	78	43	40	28	26	64	63	89	11	51	75	152
Bookkeepers.....	—	11	27	16	67	9	—	14	13	—	10	27
Cashiers.....	18	7	11	5	5	9	14	—	—	—	34	34
Estimators and investigators, n.e.c.....	61	—	—	12	—	10	—	64	5	8	43	34
Office machine operators.....	—	—	—	—	—	—	—	—	—	—	—	—
Shipping and receiving clerks.....	28	—	—	—	—	—	—	—	—	—	—	—
Stock clerks and storekeepers.....	666	97	128	185	45	324	442	1 793	312	381	832	1 851
Other clerical and kindred workers.....	—	—	—	—	—	—	—	—	—	—	—	—
Craftsmen and kindred workers.....	300	718	34	114	62	38	65	220	23	33	105	682
Blacksmiths, farriers, hammermen, and boilermakers.....	—	13	—	—	—	6	—	—	—	—	—	—
Brickmasons and stonemasons.....	—	—	—	—	—	—	—	—	—	—	—	—
Carpenters.....	5	5	6	10	—	7	—	23	5	17	—	30
Croftmen, derrickmen, and hoistmen.....	12	—	—	—	—	—	—	—	—	—	—	5
Electrician, grading, and road machine operators.....	5	—	10	5	—	—	—	10	8	5	5	67
Foremen, n.e.c.....	34	—	6	5	3	—	10	—	5	6	—	23
Mechanics, including body.....	127	513	6	18	35	—	5	20	5	6	—	86
Mechanics, including body.....	15	292	—	—	—	—	5	56	—	5	12	228
Machinists, job setters, and toolmakers.....	32	10	—	—	4	—	—	16	—	5	5	90
Metal craftsmen, except mechanics and machinists.....	—	—	—	7	—	—	—	—	—	—	—	6
Painters, construction and maintenance, and plasterers and paperhangers.....	5	12	—	12	—	5	—	32	—	—	5	46
Plumbers and pipe fitters.....	28	6	—	—	—	—	—	30	5	—	14	43
Printing craftsmen.....	—	—	7	—	—	14	—	19	—	—	—	32
Stationary engineers and power station operators.....	52	154	—	45	20	6	50	21	—	—	64	103
Other craftsmen and kindred workers.....	148	99	5	508	18	26	6	39	26	6	116	99
Operatives, except transport.....	6	—	—	—	—	—	—	—	4	—	—	—
Assemblers.....	—	—	—	—	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing.....	—	—	—	—	—	—	—	—	—	—	—	—
Filers, polishers, sanders, and buffers.....	—	—	—	—	—	—	—	—	—	—	—	—
Painters, manufactured articles.....	—	23	—	—	—	—	—	—	—	—	—	—
Precision machine operators.....	—	—	—	—	—	—	—	—	—	—	—	—
Webbers and flume cutters.....	—	34	—	—	—	—	—	—	—	—	—	—
Other specified operatives.....	58	13	5	501	9	26	—	6	12	—	111	65
Machine operatives, miscellaneous specified.....	28	13	—	7	—	—	—	—	—	—	—	5
Machine operatives, not specified.....	—	—	—	—	—	—	—	—	—	—	—	8
Miscellaneous operatives.....	50	16	—	—	4	—	6	27	10	6	—	15
Not specified operatives.....	6	—	—	—	—	—	—	—	—	—	—	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

SANTA BARBARA SMSA—Continued

Total employed—Continued

Occupation	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 organizations	Other professional and related services	Public administration
Transport equipment operatives	49	24	—	118	7	—	10	54	16	15	19	51
Deliverymen and roulemen	21	5	—	80	—	—	5	15	5	—	—	38
Truck drivers	11	—	—	10	—	—	—	13	11	—	—	13
Other transport equipment operatives	17	19	—	20	7	—	5	26	—	—	—	—
Laborers, except farm	40	74	39	454	96	24	29	178	52	16	65	208
Freight, stock, and material handlers	7	—	—	6	—	5	—	5	—	6	—	49
Other specified laborers	14	61	21	430	78	14	29	162	52	10	65	148
Miscellaneous laborers	3	6	—	—	—	—	—	—	—	—	—	6
Not specified laborers	16	7	18	18	18	5	—	11	—	—	—	5
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	402	51	922	2 569	289	1 208	664	1 176	409	260	476	1 334
Cleaning service workers	317	6	360	30	30	164	47	549	118	63	28	137
Personal service workers	—	—	180	658	122	20	12	204	127	50	11	34
Guards and watchmen	—	—	7	—	—	19	16	—	—	—	—	183
Other service workers, including private household	40	45	375	1 881	137	1 005	589	412	152	147	426	980
Female employed	983	169	871	3 221	410	2 402	1 745	5 360	1 396	760	2 058	1 804
Professional, technical, and kindred workers	162	—	28	102	78	1 067	569	2 867	745	247	745	928
Accountants	33	—	11	6	—	10	—	19	6	6	—	11
Computer specialists	16	—	—	—	—	—	—	12	—	—	—	—
Life and physical scientists	—	—	—	—	—	6	—	5	—	—	—	—
Registered nurses, dietitians, and therapists	5	—	6	68	—	796	362	75	35	5	4	15
Social scientists	—	—	—	—	—	—	21	10	10	—	—	—
Writers, artists, and entertainers	17	—	—	—	—	—	5	30	5	42	66	—
Other professional, technical, and kindred workers	91	—	11	22	37	255	181	2 716	689	194	592	161
Managers and administrators, except farm	42	11	116	85	10	19	48	188	94	24	40	119
Salaried	25	6	83	32	5	19	34	188	79	34	36	119
Self-employed	17	5	33	53	5	—	14	—	15	—	4	—
Sales workers	36	4	—	19	35	—	6	9	4	—	5	—
Clerical and kindred workers	648	115	139	236	125	403	509	1 723	296	371	907	1 140
Bookkeepers	57	40	33	24	26	64	63	89	11	46	142	45
Cashiers	—	5	21	16	63	9	—	14	8	—	10	—
Counter clerks, except food	5	5	33	49	—	—	12	12	15	—	—	—
Office clerks	16	—	—	4	—	—	9	16	—	—	—	—
Beck machine operators	38	—	—	12	—	10	—	42	5	—	21	—
Receptionists	29	—	—	7	—	—	—	—	—	—	—	—
Secretaries	272	22	31	34	26	116	237	556	122	197	370	266
Stenographers	81	—	—	—	—	—	—	194	34	60	35	219
Typists	129	38	13	82	5	135	63	745	98	59	295	488
Other clerical and kindred workers	—	—	—	—	—	—	—	—	—	—	—	—
Craftsmen and kindred workers	6	14	—	20	—	—	25	36	5	—	25	19
Foremen, n.e.c.	—	—	—	6	—	—	5	6	—	—	—	4
Operatives, except transport	25	10	5	417	4	20	6	11	22	6	32	—
Assemblers	—	—	—	—	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	—	—	—	—	—	—	—	—	—	—	—	—
Packers and wrappers, except meat and produce	6	—	—	—	—	—	—	—	—	—	—	—
Other operatives, except transport	19	10	5	417	4	20	6	11	22	6	26	—
Transport equipment operatives	—	—	—	12	—	—	—	—	6	—	—	—
Laborers, except farm	—	6	4	40	7	5	—	11	—	—	—	4
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	64	9	579	2 290	151	888	582	515	224	112	324	84
Cleaning service workers	42	—	279	6	5	61	47	136	15	16	—	13
Personal service workers	7	—	154	479	46	20	116	175	116	44	11	5
Other service workers, including private household	15	9	146	1 805	100	807	523	304	93	52	313	66

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]

	Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construc- tion	Manufacturing							
					Durable goods							Total
					Furniture, lumber, and wood products	Stone, clay, and glass products	Primary ferrous industries	Primary nonferrous industries	Fabricated metal industries including non-specified metal	Machinery, except electrical	Electrical machinery, equipment, and supplies	
STOCKTON SMSA												
	101 430	9 604	169	5 732	16 008	1 024	1 329	204	111	754	1 304	279
Total employed	13 024	119	10	549	831	12	44	6	6	21	128	54
Professionals, technical, and kindred workers	664	23	—	5	107	—	—	—	—	—	—	—
Accountants	35	—	—	—	13	—	—	—	—	—	—	—
Architects	99	—	—	—	189	—	—	—	—	—	—	—
Computer specialists	922	—	—	360	—	—	—	—	—	—	—	—
Engineers	—	—	—	—	—	—	—	—	—	—	—	—
Chemical	—	—	—	—	—	—	—	—	—	—	—	—
Civil	409	—	—	328	—	—	—	—	—	—	—	—
Electrical and electronic	121	—	—	5	31	—	—	—	—	—	—	—
Industrial	122	—	—	5	38	—	—	—	—	—	—	—
Mechanical	90	—	—	16	38	—	—	—	—	—	—	—
Other engineers	180	—	—	6	75	—	—	—	—	—	—	—
Other workers	5	—	—	—	—	—	—	—	—	—	—	—
Mathematical specialists	117	—	—	—	47	—	—	—	—	—	—	—
Life and physical scientists	41	—	—	—	41	—	—	—	—	—	—	—
Chemists	175	—	—	—	50	—	—	—	—	—	—	—
Personnel and labor relations workers	361	—	—	—	4	—	—	—	—	—	—	—
Social scientists	682	—	—	139	213	—	—	—	—	—	—	—
Engineering and science technicians	933	—	—	44	94	—	—	—	—	—	—	—
Draftsmen	114	—	—	5	4	—	—	—	—	—	—	—
Electrical and electronic engineering technicians	117	—	—	—	7	—	—	—	—	—	—	—
Industrial and mechanical engineering technicians	245	—	—	—	19	—	—	—	—	—	—	—
Technicians, except health, and engineering and science	669	—	—	9	99	—	—	—	—	—	—	—
Writers, artists, and entertainers	37	—	—	13	90	—	—	—	—	—	—	—
Other professional, technical, and kindred workers	64	—	—	6	622	—	—	—	—	—	—	—
Managers and administrators, except farm	1 090	—	—	24	258	—	—	—	—	—	—	—
Buyers, purchasing agents, and sales managers	7 765	—	—	64	598	—	—	—	—	—	—	—
Other managers and administrators	5 530	—	—	16	366	—	—	—	—	—	—	—
Salaried	2 235	—	—	48	98	—	—	—	—	—	—	—
Self-employed	6 886	—	—	50	435	—	—	—	—	—	—	—
Sales workers	17 120	—	—	5	544	—	—	—	—	—	—	—
Cherical and kindred workers	2 429	—	—	158	1 695	—	—	—	—	—	—	—
Bookkeepers	1 092	—	—	—	37	—	—	—	—	—	—	—
Cashiers	397	—	—	—	101	—	—	—	—	—	—	—
Estimators and investigators, n.e.c.	434	—	—	—	59	—	—	—	—	—	—	—
Office machine operators	424	—	—	—	12	—	—	—	—	—	—	—
Shipping and receiving clerks	619	—	—	—	188	—	—	—	—	—	—	—
Stock clerks and stockkeepers	2 319	—	—	—	11	—	—	—	—	—	—	—
Other clerical and kindred workers	11 613	—	—	78	266	—	—	—	—	—	—	—
Craftsmen and kindred workers	12 733	—	—	34	2 855	—	—	—	—	—	—	—
Blacksmiths, forgers, hammermen, and boilermakers	50	—	—	—	33	—	—	—	—	—	—	—
Brickmasons and stonemasons	75	—	—	—	9	—	—	—	—	—	—	—
Carpenters	865	—	—	24	61	—	—	—	—	—	—	—
Cronenmen, derrickmen, and hoistmen	126	—	—	—	14	—	—	—	—	—	—	—
Electricians	557	—	—	199	41	—	—	—	—	—	—	—
Excavating, grading, and road machine operators	650	—	—	12	113	—	—	—	—	—	—	—
Foremen, n.e.c.	1 794	—	—	44	424	—	—	—	—	—	—	—
Mechanics and repairmen	3 571	—	—	20	1 677	—	—	—	—	—	—	—
Aeronautics, including body	181	—	—	66	628	—	—	—	—	—	—	—
Machinists, job setters, and toolmakers	428	—	—	13	56	—	—	—	—	—	—	—
Metal craftsmen, except mechanics and machinists	401	—	—	93	225	—	—	—	—	—	—	—
Painters, construction and maintenance, and plasterers and paperhangers	464	—	—	246	54	—	—	—	—	—	—	—
Plumbers and pipe fitters	359	—	—	204	55	—	—	—	—	—	—	—
Printing craftsmen	370	—	—	—	234	—	—	—	—	—	—	—
Stationary engineers and power station operators	218	—	—	4	53	—	—	—	—	—	—	—
Other craftsmen and kindred workers	2 905	—	—	769	514	—	—	—	—	—	—	—
Operatives, except transport	10 131	—	—	242	5 951	—	—	—	—	—	—	—
Assemblers	294	—	—	265	11	—	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	40	—	—	478	33	—	—	—	—	—	—	—
Filers, polishers, sanders, and buffers	107	—	—	—	179	—	—	—	—	—	—	—
Painters, manufactured articles	247	—	—	—	29	—	—	—	—	—	—	—
Precision machine operatives	693	—	—	8	225	—	—	—	—	—	—	—
Welders and flamecutters	388	—	—	57	393	—	—	—	—	—	—	—
Other specified operatives	1 267	—	—	111	2 437	—	—	—	—	—	—	—
Machine operatives, miscellaneous specified	434	—	—	13	1 008	—	—	—	—	—	—	—
Machine operatives, not specified	798	—	—	4	367	—	—	—	—	—	—	—
Miscellaneous operatives	385	—	—	33	433	—	—	—	—	—	—	—
Not specified operatives	385	—	—	23	289	—	—	—	—	—	—	—

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

STOCKTON SMSA — Continued

Total employed— Continued

	Persons 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction	Manufacturing					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
					Durable goods												
Transport equipment operatives	5 772	145	16	232	—	—	—	—	71	134	—	—	—	49	28	—	
Deliverymen and routemen	1 085	19	—	15	—	—	—	6	6	4	—	—	—	6	6	—	
Truck drivers	2 586	79	16	201	—	—	—	24	24	59	—	—	—	21	15	—	
Other transport equipment operatives	2 181	47	—	10	—	—	—	41	41	71	—	—	—	22	7	—	
Labors, except farm	5 440	337	9	572	—	—	—	—	126	117	18	6	6	34	46	—	
Freight, stock, and material handlers	2 244	33	—	33	—	—	—	65	65	40	—	—	—	9	30	—	
Other specified laborers	1 974	318	—	539	—	—	—	2	2	4	7	—	—	5	8	—	
Miscellaneous laborers	895	12	9	—	—	—	—	—	53	6	—	—	—	—	—	—	
Not specified laborers	—	—	—	—	—	—	—	—	25	65	11	—	—	20	8	—	
Farm workers	8 364	8 364	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Service workers, including private household	13 105	68	6	62	—	—	—	—	5	32	7	—	—	12	23	—	
Cleaning service workers	2 180	6	—	36	—	—	—	—	—	16	—	—	—	12	19	—	
Personal service workers	1 625	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Guards and watchmen	8 469	—	6	21	—	—	—	—	5	16	—	—	—	—	4	—	
Other service workers, including private household	8 831	62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Female employed	34 568	989	6	476	—	—	—	—	199	232	6	—	—	66	169	31	
Professiona, technical, and kindred workers	5 664	9	—	32	—	—	—	—	—	5	—	—	—	—	9	—	
Accountants	200	—	—	16	—	—	—	—	—	—	—	—	—	—	—	—	
Computer specialists	31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Life and physical scientists	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Registered nurses, dietitians, and therapists	1 293	—	—	—	—	—	—	—	—	5	—	—	—	—	—	—	
Social scientists	23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Writers, artists, and entertainers	205	5	—	—	—	—	—	—	—	—	—	—	—	—	4	—	
Other professional, technical, and kindred workers	3 902	4	—	27	—	—	—	—	—	—	—	—	—	—	5	—	
Managers and administrators, except farm	1 533	10	—	32	—	—	—	—	5	—	—	—	—	—	4	6	
Self-employed	1 054	20	—	20	—	—	—	—	5	—	—	—	—	—	4	6	
Sales workers	2 761	17	—	5	—	—	—	—	—	—	—	—	—	—	—	—	
Clerical and kindred workers	12 617	150	—	340	—	—	—	—	60	25	6	—	—	25	141	16	
Bookkeepers	2 126	77	—	141	—	—	—	18	18	3	6	—	—	16	47	—	
Cashiers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Counter clerks, except food	151	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
File clerks	268	—	—	5	—	—	—	—	—	—	—	—	—	—	—	—	
Office machine operators	321	—	—	8	—	—	—	—	—	—	—	—	—	—	3	—	
Bookkeeping and billing machine operators	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	—	
Receptionists	463	6	—	5	—	—	—	—	—	—	—	—	—	—	3	—	
Secretaries	2 452	35	—	85	—	—	—	—	20	9	—	—	—	9	50	6	
Stenographers	1 208	—	—	20	—	—	—	—	19	—	—	—	—	—	—	—	
Typists	1 280	5	—	19	—	—	—	—	5	—	—	—	—	—	28	5	
Other clerical and kindred workers	4 595	27	—	57	—	—	—	—	17	13	—	—	—	—	9	5	
Craftsman and kindred workers	475	—	—	21	—	—	—	—	11	21	—	—	—	8	6	—	
Foremen, n.e.c.	124	—	—	73	—	—	—	—	6	5	—	—	—	—	—	—	
Operatives, except transport	2 860	52	6	4	—	—	—	—	97	167	—	—	—	19	—	9	
Assemblers	41	—	—	—	—	—	—	—	—	11	—	—	—	—	—	9	
Checkers, examiners, and inspectors; manufacturing	182	—	—	—	—	—	—	—	—	94	—	—	—	—	—	—	
Packers and wrappers, except meat and produce	428	6	—	—	—	—	—	—	—	12	—	—	—	—	—	—	
Other operatives, except transport	2 209	46	6	4	—	—	—	—	97	50	—	—	—	19	—	—	
Transport equipment operatives	331	4	—	—	—	—	—	—	—	—	—	—	—	9	—	—	
Labors, except farm	356	46	—	20	—	—	—	—	26	10	—	—	—	5	9	—	
Farm workers	684	684	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Service workers, including private household	7 287	17	—	22	—	—	—	—	—	4	—	—	—	—	—	—	
Cleaning service workers	571	—	—	12	—	—	—	—	—	—	—	—	—	—	—	—	
Personal service workers	1 071	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other service workers, including private household	5 645	17	—	10	—	—	—	—	—	4	—	—	—	—	—	—	

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
STOCKTON SMSA	97	125	548	44	692	6 007	41	109	802	757	569	259	953
Total employed													
Accountants	—	12	25	—	30	264	—	—	53	85	46	18	33
Architects	—	—	5	—	4	47	—	—	10	6	11	5	—
Computer specialists	—	—	—	—	—	—	—	—	—	—	—	—	—
Engineers	—	5	5	—	6	5	—	—	16	4	16	—	—
Chemical	—	—	—	—	—	—	—	—	—	—	—	—	—
Civil	—	—	—	—	—	—	—	—	—	—	—	—	—
Electrical and electronic	—	—	5	—	6	4	—	—	8	—	11	—	—
Industrial	—	—	—	—	—	5	—	—	—	—	—	—	—
Mechanical	—	—	—	—	—	10	—	—	—	—	—	—	—
Other engineers	—	5	—	—	—	22	—	—	8	—	5	—	—
Mathematical specialists	—	—	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists	—	—	—	—	—	31	—	—	—	—	5	—	7
Chemists	—	—	—	—	—	25	—	—	—	—	5	—	7
Personnel and labor relations workers	—	—	—	—	—	14	—	—	8	5	10	—	—
Social scientists	—	—	—	—	—	4	—	—	—	—	—	—	—
Engineering and science technicians	—	—	11	—	4	96	—	—	11	—	4	4	—
Draftsman	—	—	5	—	4	4	—	—	—	—	4	4	—
Electrical and electronic engineering technicians	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial and mechanical engineering technicians	—	—	—	—	—	—	—	—	7	—	—	—	—
Mechanics, except health, and engineering and science	—	7	—	—	—	4	—	—	4	—	—	—	—
Writers, artists, and photographers	—	—	—	—	—	—	—	—	—	—	—	—	—
Other professional, technical, and kindred workers	—	—	4	—	—	22	—	—	4	—	—	5	26
Managers and administrators, except farm													
Buyers, purchasing agents, and sales managers	—	17	24	—	58	334	5	—	10	100	49	29	35
Other managers and administrators	—	8	5	—	22	136	—	—	4	37	10	7	—
Salaried	—	9	19	—	36	198	5	—	6	39	39	20	35
Self-employed	—	9	7	—	20	188	—	—	6	44	34	—	30
Sales workers													
Clerical and kindred workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Bookkeepers	—	22	76	4	76	592	6	6	70	188	81	35	76
Cashiers	—	—	4	—	—	84	—	—	12	21	10	6	—
Estimators and investigators, n.e.c.	—	—	—	—	—	—	—	—	—	—	—	—	—
Office machine operators	—	—	—	—	10	—	—	—	—	—	—	—	—
Shipping and receiving clerks	—	—	5	—	—	—	—	—	6	—	—	—	—
Stock clerks and storekeepers	—	6	—	—	—	99	—	—	9	11	6	5	5
Other clerical and kindred workers	—	16	45	4	59	446	6	6	5	5	—	19	57
Craftsmen and kindred workers													
Blacksmiths, forgers, hammermen, and boilermakers	50	32	202	17	151	969	11	9	182	199	125	28	129
Brickmasons and stonemasons	—	—	—	—	—	—	—	—	—	—	—	—	20
Carpenters	—	—	83	—	7	10	—	—	—	—	—	—	—
Cranemen, derrickmen, and hoistsmen	—	—	—	—	—	—	—	—	6	—	4	—	4
Electricians	6	—	13	—	—	42	—	—	—	—	8	—	—
Excavating, grading, and road machine operators	4	—	—	—	—	35	—	—	—	—	20	—	6
Farmers, n.e.c.	4	—	17	—	14	356	—	—	77	17	35	—	21
Food preparation and related workers	9	4	4	—	17	298	6	5	15	23	13	—	5
Automobile including body	4	—	—	—	—	41	—	—	—	—	—	—	—
Machinists, job setters, and toolmakers	17	—	12	17	5	48	5	—	6	—	13	5	5
Metal craftsmen, except mechanics and machinists													
Painters, construction and maintenance, and plasterers and paperhangers	10	—	15	—	6	23	—	—	17	—	10	—	4
Plumbers and pipe fitters	—	—	5	—	—	9	—	—	6	—	—	—	4
Printing craftsmen	—	—	—	—	—	10	—	—	35	177	—	—	6
Stationary engineers and power station operators	—	—	—	—	—	25	—	—	11	—	12	—	—
Other craftsmen and kindred workers	—	—	15	—	102	108	—	4	9	5	—	—	58
Operatives, except transport													
Assemblers	28	42	156	12	272	2 195	19	89	350	67	111	113	436
Checkers, examiners, and inspectors, manufacturing	5	5	25	—	16	21	—	—	—	5	6	4	92
Millers, polishers, sanders, and burrs	—	—	8	7	5	101	—	5	21	—	—	—	—
Painters, manufactured articles	6	—	4	—	—	5	—	—	—	—	—	—	—
Precision machine operatives	—	—	—	—	—	—	—	—	—	—	—	—	—
Welders and flamecutters	5	—	46	—	6	62	—	—	—	—	14	7	27
Other specified operatives	12	11	35	5	200	1 182	19	63	78	9	37	24	310
Machine operatives, miscellaneous	—	—	6	—	6	490	—	—	179	25	4	42	5
Machine operatives, not specified	—	16	8	—	5	127	—	—	37	8	18	10	15
Miscellaneous operatives	—	10	8	—	21	138	—	16	13	15	23	9	5
Not specified operatives	—	—	11	—	3	60	—	5	17	9	9	4	—

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.

	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
STOCKTON SMSA - Continued													
Total employed - Continued													
Transport equipment operatives	10		29		18	603			47	15	52		110
Deliverymen and routemen	4		9		5	126			13	9	19		20
Truck drivers			5		13	138			34	6	14		20
Other transport equipment operatives	6		20			339					19		90
Labors, except farm													
Freight, stock, and material handlers	9		36		45	741			43	11	17	17	76
Other specified laborers	4		21		5	263			21	5	3	5	5
Miscellaneous laborers	5		5		40	88				6	4	7	65
Not specified laborers						31							
Miscellaneous laborers									22		10	10	6
Not specified laborers			10			379							
Farm workers													
Not specified laborers													
Service workers, including private household													
Cleaning service workers						198			41	4	18	15	17
Personal service workers					22	101			34	4	13	15	4
Guards and watchmen						11							
Other service workers, including private household						26			7				
Not specified laborers					22	60					5		13
Female employed													
Professional, technical, and kindred workers									127	247	80	51	338
Accountants		27	88	4	145	1,454	11	96					
Computer specialists													
Life and physical scientists													
Registered nurses, dietitians, and therapists													
Social scientists													
Writers, artists, and entertainers													
Other professional, technical, and kindred workers						63			4		4		
Managers and administrators, except farm													
Salaried			6			16					5	7	
Self-employed			6			16					7		
Sales workers													
Clerical and kindred workers													
Bookkeepers		16	45	4	35	352	6	6	27	157	64	30	42
Cashiers			4			55			6	21	10	6	14
Counter clerks, except food													
File clerks			5			5				16	4		
Office clerks			5			14				7			
Office machine operators			5			14						5	5
Bookkeeping and billing machine operators			4										
Receptionists			4										
Secretaries			10	4	8	95	6	6	6	22	33	14	
Stenographers						14			5				
Typists		16				18			6	30	5	5	
Other clerical and kindred workers			17		27	137		6	4	61	12	5	23
Craftsmen and kindred workers													
Foremen, n.e.c.			3			62		5	5	34			15
Operatives, except transport													
Assemblers		6	34		74	876	5	85	79	25		21	266
Checkers, examiners, and inspectors, manufacturing			5		11	52			21				6
Packers and wrappers, except meat and produce			16			148			19	5			5
Other operatives, except transport		6	9		63	676	5	80	39	20		16	255
Transport equipment operatives													
Transport equipment operatives						8			7				6
Labors, except farm													
Farm workers					15	23							5
Service workers, including private household													
Cleaning service workers						29			5		5		4
Personal service workers						5			5				
Other service workers, including private household					5	19					5		4

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.]

	Railroads and railway express service	Trucking service and warehousing	Other transportation	Communications	Utilities and sanitary services	Wholesale trade	Retail trade				Insurance	Finance (and real estate)
							General merchandise retailing	Food stores	Automotive dealers and gasoline stations	Eating and drinking places		
STOCKTON SMSA												
Total employed	1 317	2 344	1 377	1 215	1 828	4 327	2 496	2 374	2 390	3 461	1 105	2 625
Professional, technical, and kindred workers												
Accountants	36	11	53	149	182	78	26	5	—	56	25	49
Architects	12	—	—	—	27	18	—	—	—	—	3	21
Computer specialists	—	—	5	4	—	4	—	—	—	—	—	—
Engineers	13	—	15	35	58	—	—	—	—	4	—	16
Chemical	—	—	—	5	6	—	—	—	—	—	—	—
Civil	13	—	—	30	38	—	—	—	—	—	—	—
Electrical and electronic	—	—	—	—	—	—	—	—	—	—	—	—
Industrial	—	—	—	—	—	—	—	—	—	—	—	—
Mechanical	—	—	6	—	—	—	—	—	—	—	—	—
Other engineers	—	—	—	—	14	5	—	—	—	—	—	—
Mathematical specialists	—	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists	—	—	—	—	5	10	—	—	—	—	—	—
Chemists	—	—	—	—	—	10	—	—	—	—	—	—
Personnel and labor relations workers	—	—	—	20	4	7	—	—	—	—	—	—
Social scientists	—	—	—	—	—	—	10	—	—	—	—	—
Engineers and science technicians	6	—	—	31	52	11	—	—	—	—	—	—
Draftsmen	—	—	—	10	21	6	—	—	—	—	—	—
Electrical and electronic engineering technicians	—	—	—	21	10	—	—	—	—	—	—	—
Industrial and mechanical engineering technicians	—	—	—	—	—	—	—	—	—	—	—	—
Other engineering and science technicians	5	—	—	9	—	—	—	—	—	—	—	—
Technicians, except health, and engineering and science	—	—	21	—	—	5	—	—	—	—	—	—
Writers, artists, and entertainers	—	—	—	50	32	13	—	—	—	38	6	7
Other professional, technical, and kindred workers	—	—	6	—	—	—	—	—	—	70	—	—
Managers and administrators, except farm	146	191	79	107	96	770	288	418	573	431	109	663
Buyers, purchasing agents, and sales managers	—	5	—	5	10	92	110	—	—	—	—	—
Other managers and administrators	146	186	79	102	86	720	178	326	55	26	26	6
Salaried	146	186	79	102	86	720	178	326	55	26	26	6
Self-employed	—	108	5	—	81	348	151	146	320	125	72	657
Sales workers	5	13	15	9	23	142	27	180	198	306	11	76
Clerical and kindred workers	227	261	200	597	356	850	1 351	359	427	23	473	500
Bookkeepers	5	78	14	11	51	738	437	589	268	181	474	1 242
Cashiers	—	10	—	12	4	218	87	37	144	37	51	141
Estimators and investigators, n.e.c.	15	5	—	12	17	9	104	468	15	112	—	59
Office machine operators	—	5	—	—	—	—	24	—	5	—	10	21
Shipping and receiving clerks	—	—	15	—	—	—	19	—	—	7	—	63
Stock clerks and stockkeepers	33	10	42	5	8	44	19	11	15	—	—	5
Other clerical and kindred workers	174	149	125	558	276	407	34	22	82	32	413	953
Craftsmen and kindred workers	381	240	131	345	552	462	137	121	401	16	17	28
Blacksmiths, forgemen, hammermen, and boilermakers	3	—	—	—	7	—	—	—	—	—	—	—
Brickmasons and stonemasons	4	—	—	—	7	—	—	—	—	—	—	—
Carpenters	5	—	6	—	6	—	4	—	—	—	—	—
Cranemen, derrickmen, and hoistsmen	5	—	17	—	—	10	—	—	—	—	—	—
Electricians	24	13	13	—	48	5	—	—	—	4	—	—
Excavating, grading, and road machine operators	—	—	—	—	33	—	—	—	—	—	—	—
Foremen, n.e.c.	29	81	28	41	96	130	10	10	—	6	—	9
Mechanics and repairmen	69	123	57	14	95	208	89	11	375	6	—	206
Automobile, including body	—	102	15	—	29	22	—	6	370	—	—	11
Machinists, job setters, and toolmakers	30	—	—	—	13	—	—	—	—	—	—	—
Metal craftsmen, except mechanics and machinists	—	5	—	—	5	7	—	—	—	—	—	6
Painters, construction and maintenance, and plasterers and paperhangers	—	5	—	—	6	—	—	—	—	—	—	11
Pumbers and pipe fitters	—	—	—	6	22	4	—	—	—	—	—	10
Printing craftsmen	—	—	—	—	—	3	—	—	—	—	—	—
Stationary engineers and power station operators	—	6	—	—	77	6	—	—	—	—	—	—
Other craftsmen and kindred workers	195	7	10	284	150	54	29	91	—	6	—	340
Operatives, except transport	67	90	93	—	59	561	58	396	623	25	218	18
Assemblers	—	—	—	—	5	—	—	—	—	—	—	—
Checkers, examiners, and inspectors; manufacturing	—	—	—	—	—	—	—	—	—	—	—	—
Filters, polishers, sanders, and buffers	—	—	—	—	—	—	—	—	—	—	—	—
Painters; manufactured articles	—	—	—	—	—	—	—	—	29	—	—	—
Precision machine operatives	5	—	—	—	—	—	—	—	—	—	—	—
Welders and flamecutters	—	13	—	—	24	30	5	—	6	—	—	11
Other specified operatives	4	35	93	—	13	74	48	373	568	10	173	5
Machine operatives, miscellaneous specified	—	22	—	—	—	30	—	5	17	15	—	—
Machine operatives, not specified	3	—	—	—	—	66	—	—	—	—	—	—
Miscellaneous operatives	4	20	—	—	17	—	5	18	3	—	—	6
Not specified operatives	13	—	—	—	—	17	—	—	—	—	—	—

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**

STOCKTON SMSA—Continued

Total employed—Continued

Deliverymen and route men	271	1 366	448	4	248	611	60	45	66	48	318	7	—
Truck drivers	9	90	6	4	5	305	54	15	23	30	188	7	—
Other transport equipment operators	262	1 247	442	—	96	217	6	—	39	18	80	—	—
Lebaners, except farm	158	154	305	—	147	89	—	—	4	—	50	—	—
Freight, stock, and material handlers	25	126	282	—	264	260	62	381	15	6	235	—	71
Other specified laborers	25	5	5	—	71	125	62	356	11	—	176	—	44
Miscellaneous laborers	67	2	5	—	112	51	—	—	4	—	9	—	27
Not specified laborers	28	18	9	—	65	30	—	—	—	6	31	—	—
Farm workers	—	—	—	—	16	54	—	25	—	—	—	—	—
Service workers, including private household	26	18	53	4	—	—	—	—	—	—	—	—	—
Cleaning service workers	6	9	17	4	48	57	77	60	17	2 675	311	—	54
Personal service workers	4	—	10	—	22	43	—	29	17	8	55	—	38
Guards and watchmen	11	9	21	—	—	—	—	—	—	—	—	—	—
Other service workers, including private household	5	—	—	—	26	14	55	31	—	2 616	244	—	16
Female employed	46	265	239	619	270	1 018	1 661	641	245	2 025	2 550	440	1 497
Accountants	—	6	—	35	9	—	22	5	—	28	77	10	30
Computer specialists	—	6	—	—	4	—	—	5	—	—	18	—	17
Life and physical scientists	—	—	—	—	—	—	—	—	—	—	—	—	6
Registered nurses, dietitians, and therapists	—	—	—	—	—	—	—	—	—	—	—	—	—
Social scientists	—	—	—	—	—	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	—	—	—	—	—	—	—	—	—	—	—	—	—
Other professional, technical, and kindred workers	—	—	—	35	5	—	15	—	—	4	53	10	7
Managers and administrators, except farm	—	23	17	24	—	81	103	45	31	117	198	23	212
Salaried	—	7	17	24	—	61	86	26	26	38	122	23	185
Self-employed	—	16	—	—	—	20	17	45	5	79	76	—	27
Sales workers	—	—	4	—	—	49	1 043	197	13	19	1 135	27	104
Clerical and kindred workers	30	159	55	550	201	605	372	258	189	151	779	363	1 111
Cashiers	—	52	9	11	51	192	83	33	117	29	296	51	134
Counter clerks, except food	—	10	—	10	9	9	104	192	15	95	134	—	59
File clerks	—	6	—	5	9	28	7	—	5	11	4	—	18
Office machine operators	—	5	—	—	—	44	13	—	—	4	9	10	18
Bookkeepers	—	—	—	—	—	4	—	—	—	—	7	—	57
Receptionists	—	—	—	—	—	—	—	—	—	—	—	—	29
Secretaries	5	33	17	25	31	129	31	5	20	6	17	5	13
Stenographers	—	—	—	—	15	7	—	—	—	—	28	186	236
Typists	6	19	—	26	27	10	—	11	5	—	10	—	40
Other clerical and kindred workers	19	37	29	457	55	164	124	5	25	6	274	69	512
Foremen, n.e.c.	5	—	—	6	19	15	10	18	3	6	72	17	14
Operatives, except transport	—	29	16	—	9	252	38	61	3	5	315	—	9
Checkers, examiners, and inspectors; manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	11
Packers and wrappers, except meat and produce	—	9	11	—	—	62	11	—	—	5	11	—	5
Other operatives, except transport	—	20	5	—	9	190	27	61	3	—	104	—	6
Transport equipment operators	—	44	136	—	24	—	15	—	—	24	6	—	—
Lebaners, except farm	11	—	11	—	—	16	8	31	4	—	43	—	—
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	—	4	—	4	8	—	—	26	—	1 675	125	—	15
Cleaning service workers	—	4	—	4	—	—	—	—	—	—	12	—	11
Personal service workers	—	—	—	—	—	—	—	—	—	—	5	—	—
Other service workers, including private household	—	—	—	—	—	—	—	—	—	—	108	—	4

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		STOCKTON SMSA											
Total employed		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 organizations	Other professional and related services	Public administration
Accountants	1 459	1 837	816	3 597	916	3 866	2 443	5 737	2 029	1 697	1 926	10 470	
Architects	158	35	11	105	238	1 572	911	3 573	1 060	776	863	1 166	
Computer specialists	28	14	6	—	—	—	—	15	16	7	17	119	
Engineers	4	—	—	—	—	—	—	4	—	5	—	5	
Engineers, chemical	5	10	—	—	—	—	6	—	—	—	—	44	
Engineers, civil	—	—	—	—	—	—	—	—	—	—	—	70	
Electrical and electronic	—	—	—	—	—	—	—	—	—	—	—	23	
Industrial	—	—	—	—	—	—	—	—	—	—	—	5	
Mechanical	—	—	—	—	—	—	6	—	—	—	—	4	
Other engineers	5	10	—	—	—	—	—	—	—	—	—	16	
Mathematical specialists	—	—	—	—	—	—	—	—	—	—	—	22	
Life and physical scientists	5	—	—	—	—	—	—	—	—	—	—	5	
Chemists	—	—	—	—	—	—	10	—	—	—	—	21	
Personnel and labor relations workers	34	—	—	4	—	—	—	—	—	—	—	5	
Social scientists	6	—	—	—	—	—	—	23	—	17	9	163	
Engineering and science technicians	39	6	—	—	—	12	—	24	—	4	—	25	
Draftsmen	23	6	—	—	—	—	—	21	—	—	—	114	
Electrical and electronic engineering technicians	—	6	—	—	—	—	—	6	—	—	—	31	
Industrial and mechanical engineering technicians	—	—	—	—	—	—	—	—	—	—	—	58	
Technicians, except health, and engineering and science	—	—	—	—	—	—	—	—	—	—	—	11	
Writers, artists, and entertainers	33	5	5	—	5	5	5	37	13	29	50	109	
Other professional, technical, and kindred workers	6	—	—	36	84	1 478	873	3 454	1 031	714	483	392	
Managers and administrators, except farm	104	120	264	185	111	84	114	247	82	159	53	896	
Buyers, purchasing agents, and sales managers	10	—	—	5	—	—	—	6	—	—	—	59	
Other managers and administrators	94	120	264	180	111	84	114	241	76	159	53	837	
Salaried	29	54	116	86	65	76	52	241	61	159	48	837	
Self-employed	35	66	148	94	46	8	62	—	15	—	5	—	
Sales workers	53	32	3	67	13	—	5	—	—	4	19	6	
Clerical and kindred workers	372	182	70	214	95	501	602	1 024	409	450	643	3 563	
Bookkeepers	53	61	13	39	32	38	70	54	5	84	143	142	
Cashiers	—	9	—	22	—	7	—	13	29	—	—	25	
Estimators and investigators, n.e.c.	31	14	—	—	—	14	—	—	—	17	—	36	
Office machine operators	4	—	—	—	—	5	4	24	10	5	—	145	
Shipping and receiving clerks	—	—	—	—	—	—	—	5	—	—	—	180	
Stock clerks and storekeepers	13	5	—	—	6	5	6	18	8	—	—	236	
Other clerical and kindred workers	264	93	41	153	44	427	522	910	357	344	495	2 777	
Craftsman and kindred workers	191	985	15	60	58	135	43	82	48	40	44	1 242	
Blacksmiths, farriers, hammermen, and boilermakers	—	7	—	—	—	—	—	—	—	—	—	5	
Brickmasons and stonemasons	16	—	4	—	—	20	—	23	11	5	—	66	
Carpenters	—	—	—	—	—	—	—	—	—	—	—	30	
Cranemen, derrickmen, and hoistmen	5	—	—	5	—	11	—	5	6	—	6	84	
Electricians	3	12	—	—	6	—	—	—	—	—	—	6	
Excavating, grading, and road machine operators	43	36	—	—	4	6	—	5	8	—	9	185	
Foremen, n.e.c.	54	461	—	—	19	22	—	39	6	24	5	537	
Mechanics and repairmen	—	—	—	—	—	—	—	6	—	—	—	50	
Automobile, including body	18	—	—	—	—	2	—	—	—	—	—	60	
Machinists, job setters, and toolmakers	6	—	—	—	—	—	—	—	—	—	—	50	
Metal craftsmen, except mechanics and machinists	—	—	—	—	—	—	—	—	—	—	—	32	
Painters, construction and maintenance, and plasterers and paperhangers	10	22	11	3	—	29	—	6	—	—	—	54	
Plumbers and pipe fitters	6	—	—	—	—	5	—	4	—	—	—	35	
Printing craftsmen	11	—	—	—	—	—	—	—	—	—	—	10	
Stationary engineers and power station operators	19	4	—	—	—	37	—	—	—	—	—	21	
Other craftsmen and kindred workers	133	133	12	52	29	—	37	—	17	11	18	125	
Operatives, except transport	311	199	12	353	5	58	19	14	—	23	11	726	
Assemblers	3	—	—	—	—	—	—	—	—	—	—	15	
Checkers, examiners, and inspectors; manufacturing	—	—	—	—	—	—	—	—	—	—	—	3	
Filers, polishers, sanders, and buffers	11	8	—	—	—	—	—	—	—	—	—	—	
Painters, manufactured articles	4	40	—	—	—	—	—	—	—	—	—	—	
Precision machine operatives	—	—	—	—	—	—	—	—	—	—	—	46	
Welders and flamecutters	39	59	—	—	—	58	19	9	—	10	5	466	
Other specified operatives	5	11	12	353	—	—	—	—	—	5	6	67	
Machine operatives, miscellaneous specified	—	—	—	—	—	—	—	—	—	—	—	20	
Machine operatives, not specified	—	—	—	—	—	—	—	—	—	—	—	4	
Miscellaneous operatives	49	38	—	—	—	—	—	—	—	—	—	75	
Not specified operatives	—	—	—	—	—	—	—	—	—	—	—	34	

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

STOCKTON SMSA—Continued

Total employed—Continued

Occupation	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 membership organizations	Other professional and related services	Public administration
Deliverymen and roulemen	53	85	6	80	4	16	—	17	—	17	19	424
Truck drivers	23	19	—	66	—	7	—	2	—	—	—	16
Other transport equipment operatives	6	24	6	8	—	9	—	11	—	—	10	78
Other transport equipment operatives	—	42	—	6	—	—	—	—	—	—	—	330
Laborers, except farm	52	103	20	88	47	51	—	49	33	39	42	745
Freight, stock, and material handlers	15	5	—	8	—	10	—	4	—	18	—	500
Other specified laborers	8	88	15	62	43	29	—	49	29	11	34	184
Miscellaneous laborers	—	10	—	—	—	3	—	—	—	—	—	24
Not specified laborers	29	—	5	18	4	10	—	—	—	10	8	37
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	365	96	415	2 445	345	1 499	749	731	397	189	232	1 702
Cleaning service workers	251	18	189	34	34	216	59	375	124	93	16	196
Personal service workers	5	5	120	992	121	49	16	138	52	51	—	31
Guards and watchmen	72	6	14	—	—	—	5	20	—	—	—	251
Other service workers, including private household	37	67	92	1 427	190	1 234	669	198	221	45	216	1 224
Female employed	498	248	452	2 671	336	2 871	1 784	3 465	1 178	857	1 074	2 776
Professional, technical, and kindred workers	49	9	—	67	81	1 131	409	2 156	549	288	283	258
Accountants	14	9	—	—	—	4	—	—	—	5	—	32
Computer specialists	4	—	—	—	—	—	—	—	—	—	—	16
Life and physical scientists	—	—	—	—	—	—	10	—	—	—	—	—
Registered nurses, dietitians, and therapists	—	—	—	30	—	905	309	16	—	6	—	6
Social scientists	—	—	—	—	—	—	—	14	—	—	—	—
Writers, artists, and entertainers	4	—	—	31	32	—	5	16	5	25	21	9
Other professional, technical, and kindred workers	27	—	—	6	49	222	85	2 110	544	241	197	190
Managers and administrators, except farm	15	5	118	56	14	29	67	53	34	46	21	105
Self-employed	11	5	11	31	14	51	53	46	19	16	16	105
Self-employed	4	—	67	25	—	—	56	—	15	—	5	—
Sales workers	20	11	3	56	13	—	5	—	—	—	9	—
Clerical and kindred workers	285	152	45	189	65	488	588	920	368	419	593	2 135
Bookkeepers	53	58	23	27	13	38	70	38	5	79	122	118
Cashiers	7	—	—	22	20	7	—	13	24	—	—	20
File clerks	—	5	—	53	10	—	—	6	—	—	—	7
Office clerks, except food	10	9	6	—	5	—	16	—	5	9	—	78
Office machine operators	4	—	—	—	—	5	4	24	10	5	—	103
Bookkeeping and billing machine operators	—	—	—	—	—	5	—	—	—	—	—	5
Receptionists	23	—	—	21	—	71	214	15	—	11	10	13
Stenographers	62	10	6	17	7	17	119	272	129	162	220	213
Typists	13	—	—	12	—	4	4	6	—	—	—	81
Other clerical and kindred workers	99	65	5	57	5	115	104	444	43	90	38	464
Craftsman and kindred workers	6	24	—	14	3	—	3	8	7	5	6	21
Foremen, n.e.c.	—	—	—	—	—	—	—	—	—	—	—	11
Operatives, except transport	49	4	5	249	—	48	19	4	—	4	5	109
Checkers, examiners, and inspectors; manufacturing	—	—	—	—	—	—	—	—	—	—	—	—
Packers and wrappers, except meat and produce	17	—	—	—	—	—	—	—	—	—	—	—
Other operatives, except transport	32	4	5	249	—	48	19	4	—	4	5	81
Transport equipment operatives	7	11	—	25	—	—	—	5	—	—	—	—
Laborers, except farm	8	5	—	18	—	9	—	—	—	—	5	28
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	59	27	281	1 997	160	1 166	693	319	220	95	152	120
Personal service workers	59	—	11	11	—	121	39	37	40	25	5	18
Other service workers, including private household	—	—	88	682	37	26	16	47	35	35	—	14
Other service workers, including private household	—	22	53	1 304	123	1 019	638	171	133	35	147	68

Pages 6-1997 through 6-2006 are blank and therefore omitted.