TABLE 219. (A) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

MASSACHUSETTS

	THE STATE													
	TOTAL												RURAL	
	TOTAL		WHITE		BLACK		AMER. INDIAN, ESKIMO / ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)			
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
EMPLOYED PERSONS 16 YEARS AND OVER	1 473 622	1 200 653	1 404 078	1 136 452	42 286	42 590	1 996	1 664	12 755	10 729	25 376	19 606	246 730	177 134
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	414 518	285 866	399 335	272 895	7 812	8 412	364	429	5 485	2 816	4 028	3 235	75 691	46 215
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	205 364	86 645	199 398	82 383	3 680	2 790	121	187	1 639	919	1 464	864	39 534	13 057
LEGISLATORS, CHIEF EXECUTIVES AND GENERAL ADMINISTRATORS; PUBLIC ADMINISTRATION	1 165	279	1 099	279	59	-	-	-	7	-	14	4	194	58
ADMINISTRATORS AND OFFICIALS, PUBLIC ADMINISTRATION	5 462	3 226	5 248	2 961	163	166	-	13	20	42	76	67	984	605
FEDERAL	1 594	563	1 534	521	41	34	-	-	7	-	46	18	266	51
STATE	1 662	1 225	1 570	1 140	76	49	-	-	7	18	11	28	292	195
LOCAL	2 206	1 438	2 144	1 300	46	83	-	13	6	24	19	21	426	359
ADMINISTRATORS, PROTECTIVE SERVICES	776	7	742	7	29	-	-	-	5	-	6	-	156	-
FINANCIAL MANAGERS	9 485	4 421	9 302	4 295	110	97	-	-	66	17	27	33	1 929	728
PERSONNEL AND LABOR RELATIONS MANAGERS	3 851	2 259	3 688	2 137	143	96	5	10	6	16	24	40	687	285
PURCHASING MANAGERS	2 001	271	1 996	236	5	28	-	-	-	7	6	-	379	33
MANAGERS, MARKETING, ADVERTISING, AND PUBLIC RELATIONS	17 667	3 762	17 463	3 698	130	37	9	9	37	3	90	24	4 233	707
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	7 872	6 012	7 400	5 567	381	350	-	11	69	54	84	57	1 600	844
MANAGERS, MEDICINE AND HEALTH	2 257	2 500	2 183	2 368	63	109	-	8	11	6	14	18	445	431
MANAGERS, PROPERTIES AND REAL ESTATE	2 723	1 054	2 589	1 039	88	15	8	-	-	-	64	2	329	132
POSTMASTERS AND MAIL SUPERINTENDENTS	332	130	332	130	-	-	-	-	-	-	-	-	107	91
FUNERAL DIRECTORS	1 053	61	1 046	61	7	-	-	-	-	-	-	-	112	8
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	93 062	34 187	90 535	32 800	1 238	788	61	94	999	378	637	353	19 059	5 170
CONSTRUCTION	3 861	458	3 788	447	54	11	-	-	-	-	25	7	882	106
MANUFACTURING	31 178	5 312	30 759	5 177	169	80	7	7	221	34	138	45	7 480	844
NONDURABLE GOODS	10 146	2 108	10 031	2 087	56	21	7	-	52	-	38	21	2 248	281
DURABLE GOODS	21 032	3 204	20 728	3 090	113	59	-	7	169	34	100	24	5 232	563
TRANSPORTATION	3 680	711	3 581	688	80	23	-	-	13	-	25	-	834	120
COMMUNICATIONS, UTILITIES AND SANITARY SERVICES	2 837	1 371	2 743	1 307	69	58	-	-	-	-	40	6	679	167
WHOLESALE TRADE	6 254	1 555	6 184	1 535	47	6	3	10	12	-	28	10	1 156	222
RETAIL TRADE	16 777	6 259	16 102	5 980	209	89	28	55	406	122	124	25	2 859	1 049
GENERAL MERCHANDISE STORES	957	617	957	573	-	26	-	12	-	-	-	-	176	69
FOOD, BAKERY, AND DAIRY STORES	1 645	428	1 604	409	22	6	7	13	12	-	2	-	308	77
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	1 684	366	1 672	360	12	6	-	-	-	-	19	-	418	70
EATING AND DRINKING PLACES	7 466	2 575	6 935	2 398	129	31	17	24	360	122	83	19	954	453
OTHER RETAIL TRADE	5 025	2 273	4 934	2 240	46	20	4	6	34	-	20	6	1 003	380
FINANCE, INSURANCE, AND REAL ESTATE	6 551	3 324	6 404	3 222	90	74	-	6	50	22	24	-	1 369	430
BUSINESS AND REPAIR SERVICES	6 212	2 505	5 999	2 432	153	52	21	2	24	19	39	15	1 166	228
PERSONAL SERVICES	1 921	967	1 856	954	28	6	-	-	31	7	12	23	409	203
ALL OTHER INDUSTRIES	13 791	11 725	13 119	11 058	339	389	2	14	242	174	182	222	2 225	1 801
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	7 651	2 104	7 455	2 050	88	16	2	-	78	32	57	12	1 787	598
CONSTRUCTION	1 327	36	1 300	36	17	-	2	-	-	-	2	-	375	5
MANUFACTURING	1 116	242	1 103	226	13	16	-	-	-	-	11	-	293	65
NONDURABLE GOODS	481	143	476	127	5	16	-	-	-	-	-	-	102	43
DURABLE GOODS	635	99	627	99	8	-	-	-	-	-	11	-	191	22
TRANSPORTATION	284	25	278	25	6	-	-	-	-	-	-	-	58	9
COMMUNICATIONS, UTILITIES AND SANITARY SERVICES	8	5	8	5	-	-	-	-	-	-	-	-	8	-
WHOLESALE TRADE	305	51	298	51	-	-	-	-	7	-	-	-	119	38
RETAIL TRADE	2 553	899	2 465	861	16	-	-	-	52	32	44	6	463	260
GENERAL MERCHANDISE STORES	53	19	53	19	-	-	-	-	-	-	-	-	11	3
FOOD, BAKERY, AND DAIRY STORES	124	73	124	73	-	-	-	-	-	-	-	-	12	22
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	120	-	113	-	7	-	-	-	-	-	-	-	35	-
EATING AND DRINKING PLACES	1 738	542	1 661	504	9	-	-	-	48	32	44	6	276	145
OTHER RETAIL TRADE	518	265	514	265	-	-	-	-	4	-	-	-	129	90
FINANCE, INSURANCE, AND REAL ESTATE	296	83	296	83	-	-	-	-	-	-	-	-	53	14
BUSINESS AND REPAIR SERVICES	796	237	781	237	15	-	-	-	-	-	-	6	228	60
PERSONAL SERVICES	574	185	534	185	21	-	-	-	19	-	-	-	122	83
ALL OTHER INDUSTRIES	392	341	392	341	-	-	-	-	-	-	-	-	68	64
MANAGEMENT RELATED OCCUPATIONS	50 007	26 372	48 320	24 755	1 176	1 088	36	42	341	364	365	254	7 533	3 367
ACCOUNTANTS AND AUDITORS	20 799	9 047	20 166	8 487	411	323	20	-	164	219	160	38	2 550	1 219
UNDERWRITERS	445	670	410	614	27	44	-	-	8	-	-	24	73	94
OTHER FINANCIAL OFFICERS	6 182	4 468	6 068	4 254	64	158	-	7	44	41	44	37	1 136	534
MANAGEMENT ANALYSTS	3 392	917	3 285	834	56	53	10	-	28	24	20	6	645	141
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	5 999	5 783	5 561	5 325	341	345	6	10	34	39	100	121	1 109	686
PURCHASING AGENTS AND BUYERS, FARM PRODUCTS	348	21	348	21	-	-	-	-	-	-	-	-	56	7
BUYERS, WHOLESALE AND RETAIL TRADE EXCEPT FARM PRODUCTS	3 219	2 037	3 173	1 992	24	30	-	8	22	7	16	-	460	240
PURCHASING AGENTS AND BUYERS, N.E.C.	4 122	1 892	4 045	1 792	71	71	-	7	6	7	-	7	687	325
BUSINESS AND PROMOTION AGENTS	369	194	369	194	-	-	-	-	-	-	6	-	51	22
CONSTRUCTION INSPECTORS	1 337	50	1 233	44	98	6	-	-	-	-	11	6	182	7
INSPECTORS AND COMPLIANCE OFFICERS, EXC. CONSTRUCTION	3 299	668	3 166	603	84	28	-	10	35	27	8	8	496	41
MANAGEMENT RELATED OCCUPATIONS, N.E.C.	496	625	496	595	-	30	-	-	-	-	-	7	88	51
PROFESSIONAL SPECIALTY OCCUPATIONS	209 154	199 221	199 937	190 512	4 132	5 622	243	242	3 846	1 897	2 564	2 371	36 157	33 158
ENGINEERS, ARCHITECTS, AND SURVEYORS	53 426	2 333	51 272	2 235	730	50	34	-	1 292	48	500	34	10 143	306
ARCHITECTS	3 230	460	3 144	438	33	14	-	-	53	8	24	7	630	72
ENGINEERS	49 673	1 837	47 605	1 761	697	36	34	-	1 239	40	476	27	9 397	232
AEROSPACE	1 725	76	1 652	68	39	8	-	-	34	-	34	-	260	4
METALLURGICAL AND MATERIALS	609	14	547	14	7	-	-	-	46	-	6	-	142	8
MINING	16	14	16	14	-	-	-	-	-	-	-	-	-	-
PETROLEUM	17	6	17	6	-	-	-	-	-	-	-	-	-	-
CHEMICAL	1 282	58	1 187	54	16	4	-	-	69	-	23	-	221	14
NUCLEAR	229	18	220	18	-	-	-	-	9	-	-	-	48	11
CIVIL	6 810	148	6 600	136	46	6	-	-	164	6	93	-	1 138	12
AGRICULTURAL	65	7	65	7	-	-	-	-	-	-	-	-	7	-
ELECTRICAL AND ELECTRONIC	13 947	469	13 250	462	239	-	5	-	425	7	130	-	2 552	40
INDUSTRIAL	6 887	600	6 693	576	116	18	16	-	36	6	16	27	1 429	86
MECHANICAL	7 852	151	7 611	145	59	-	-	-	160	6	81	-	1 653	25
MARINE AND NAVAL ARCHITECTS	493	8	472	8	13	-	-	-	8	-	15	-	147	-
ENGINEERS, N.E.C.	9 741	268	9 275	253	162	-	13	-	288	15	78	-	1 800	32
SURVEYORS AND MAPPING SCIENTISTS	523	36	523	36	-	-	-	-	-	-	-	-	116	2

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MASSACHUSETTS

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	TOTAL												RURAL	
	TOTAL		WHITE		BLACK		AMER. INDIAN, ESKIMO / ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)			
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
MATHEMATICAL AND COMPUTER SCIENTISTS	9 756	3 540	9 200	3 410	251	80	22	-	237	50	73	73	1 718	521
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	6 826	1 851	6 442	1 784	178	39	22	-	156	28	45	37	1 165	319
OPERATIONS AND SYSTEMS RESEARCHERS AND ANALYSTS	1 988	1 050	1 863	987	73	41	-	-	52	22	-	23	375	138
ACTUARIES	348	154	340	154	-	-	-	-	8	-	-	-	72	12
STATISTICIANS	412	464	384	464	-	-	-	-	17	-	11	13	67	52
MATHEMATICAL SCIENTISTS, N.E.C.	182	21	171	21	-	-	-	-	4	-	17	-	39	-
NATURAL SCIENTISTS	7 075	2 168	6 567	1 980	126	20	17	6	331	149	68	17	1 412	329
PHYSICISTS AND ASTRONOMERS	1 232	70	1 131	70	9	-	13	-	65	-	-	-	196	13
CHEMISTS, EXCEPT BIOCHEMISTS	2 579	574	2 360	510	81	6	-	6	131	52	40	5	351	66
ATMOSPHERIC AND SPACE SCIENTISTS	196	64	191	64	-	-	-	-	5	-	-	-	24	5
GEOLOGISTS AND GEODESISTS	376	42	356	42	14	-	-	-	6	-	-	-	146	12
PHYSICAL SCIENTISTS, N.E.C.	209	91	199	91	4	-	-	-	6	-	8	-	41	13
AGRICULTURAL AND FOOD SCIENTISTS	462	159	449	146	-	6	-	-	-	7	13	-	91	56
BIOLOGICAL AND LIFE SCIENTISTS	1 234	759	1 125	717	18	-	-	-	91	42	7	12	322	106
FORESTRY AND CONSERVATION SCIENTISTS	361	55	357	47	-	8	4	-	-	-	-	-	158	25
MEDICAL SCIENTISTS	426	354	399	293	-	-	-	-	27	48	-	-	83	33
HEALTH DIAGNOSING OCCUPATIONS	18 107	2 915	17 091	2 531	188	64	13	-	762	315	250	46	2 665	300
PHYSICIANS	12 572	2 430	11 702	2 085	140	45	-	-	700	295	198	14	1 623	237
DENTISTS	3 670	206	3 558	187	48	19	13	-	41	-	25	32	706	10
VETERINARIANS	503	124	476	124	-	-	-	-	14	-	20	-	182	33
OPTOMETRISTS	683	95	683	81	-	-	-	-	-	14	-	-	68	-
PODIATRISTS	349	13	349	13	-	-	-	-	-	-	-	-	19	6
HEALTH DIAGNOSING PRACTITIONERS, N.E.C.	330	47	323	41	-	-	-	-	7	6	7	-	67	14
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	6 998	57 127	6 671	55 192	207	1 308	7	66	72	453	76	394	1 032	9 766
REGISTERED NURSES	1 501	48 092	1 459	46 697	39	991	-	43	3	326	22	233	195	8 434
PHARMACISTS	3 363	846	3 264	803	63	3	-	7	36	11	6	41	519	119
DIETITIANS	253	2 079	201	1 821	23	161	-	6	16	67	13	62	36	221
THERAPISTS	1 671	5 912	1 547	5 702	72	133	7	10	17	40	35	58	261	944
INHALATION THERAPISTS	730	805	689	780	17	14	7	6	17	5	7	7	133	131
OCCUPATIONAL THERAPISTS	46	997	46	957	-	30	-	-	-	5	-	-	4	152
PHYSICAL THERAPISTS	245	1 723	239	1 660	6	31	-	4	-	19	-	16	41	232
SPEECH THERAPISTS	126	1 392	108	1 345	11	34	-	-	-	-	7	26	15	231
THERAPISTS, N.E.C.	524	995	465	960	38	24	-	-	-	11	21	9	68	198
PHYSICIANS' ASSISTANTS	210	198	200	169	10	20	-	-	-	9	-	-	21	48
TEACHERS, POSTSECONDARY	15 746	9 008	14 809	8 398	302	309	8	6	535	198	254	296	2 474	1 134
BIOLOGICAL SCIENCE TEACHERS	299	154	297	143	-	-	2	6	-	5	-	-	79	23
CHEMISTRY TEACHERS	271	93	247	75	-	-	-	-	12	12	26	6	28	17
PHYSICS TEACHERS	230	12	206	12	-	-	-	-	24	-	-	-	22	-
OTHER NATURAL SCIENCE TEACHERS	28	17	28	17	-	-	-	-	-	-	-	-	3	-
PSYCHOLOGY TEACHERS	119	137	119	137	-	-	-	-	-	-	-	-	33	24
ECONOMICS TEACHERS	271	53	256	53	-	-	-	-	10	-	11	-	30	6
HISTORY TEACHERS	190	50	185	50	-	-	-	-	5	-	-	-	26	6
OTHER SOCIAL SCIENCE TEACHERS	200	89	200	74	-	-	-	-	-	-	-	22	21	16
ENGINEERING TEACHERS	277	34	243	27	6	-	-	-	28	-	-	-	34	-
MATHEMATICAL AND COMPUTER SCIENCE TEACHERS	533	296	477	276	6	-	-	-	35	20	24	4	113	30
MEDICAL SCIENCE TEACHERS	140	81	134	81	-	-	-	-	6	-	-	-	30	27
HEALTH SPECIALTIES TEACHERS	39	493	39	475	-	18	-	-	-	-	-	14	7	55
BUSINESS, COMMERCE, AND MARKETING TEACHERS	56	82	56	66	-	16	-	-	-	-	-	-	16	3
ART, DRAMA, AND MUSIC TEACHERS	573	480	555	457	18	10	-	-	-	13	4	11	113	64
ENGLISH TEACHERS	383	351	373	345	4	6	-	-	6	-	-	-	44	44
FOREIGN LANGUAGE TEACHERS	151	309	145	287	-	6	-	-	6	8	9	68	9	13
OTHER SPECIFIED TEACHERS	639	311	631	294	-	10	-	-	8	7	12	-	107	76
POSTSECONDARY TEACHERS, SUBJECT NOT SPECIFIED	11 347	5 966	10 618	5 529	268	243	6	-	395	133	168	171	1 759	730
TEACHERS, EXCEPT POSTSECONDARY	37 414	74 986	36 271	72 179	729	2 029	61	82	169	293	383	905	8 139	14 320
TEACHERS, PREKINDERGARTEN AND KINDERGARTEN	281	5 125	240	4 758	30	265	-	7	7	31	11	86	45	816
TEACHERS, ELEMENTARY SCHOOL	18 721	46 648	18 154	44 939	378	1 241	18	56	73	175	191	569	3 945	8 621
TEACHERS, SECONDARY SCHOOL	13 838	15 757	13 548	15 356	191	294	19	4	25	29	103	187	3 328	3 562
TEACHERS, SPECIAL EDUCATION	189	760	189	719	-	41	-	-	-	-	-	-	38	140
TEACHERS, N.E.C.	4 385	6 696	4 140	6 407	130	188	24	15	64	58	78	63	783	1 181
COUNSELORS, EDUCATIONAL AND VOCATIONAL	3 361	3 815	3 144	3 405	172	350	2	-	31	29	62	50	522	639
LIBRARIANS, ARCHIVISTS, AND CURATORS	1 832	6 327	1 731	5 963	48	229	9	6	35	104	35	35	177	1 084
LIBRARIANS	1 376	5 906	1 294	5 551	43	229	4	6	35	104	11	35	127	1 031
ARCHIVISTS AND CURATORS	456	421	437	412	5	-	5	-	-	-	24	-	50	53
SOCIAL SCIENTISTS AND URBAN PLANNERS	5 658	3 744	5 440	3 614	94	73	-	8	109	31	52	64	932	480
ECONOMISTS	2 664	1 169	2 564	1 132	34	23	-	-	66	9	19	12	464	116
PSYCHOLOGISTS	2 271	2 227	2 190	2 153	40	37	-	8	26	16	33	47	409	319
SOCIOLOGISTS	81	58	54	58	20	-	-	-	7	-	-	-	-	10
SOCIAL SCIENTISTS, N.E.C.	214	155	214	144	-	5	-	-	-	6	-	-	25	21
URBAN PLANNERS	428	135	418	127	-	8	-	-	10	-	-	5	34	14
SOCIAL, RECREATION, AND RELIGIOUS WORKERS	11 327	13 325	10 410	12 219	571	790	37	29	43	110	399	269	1 668	1 501
SOCIAL WORKERS	6 109	10 973	5 430	9 993	396	709	37	25	13	89	322	250	835	1 133
RECREATION WORKERS	420	1 021	344	928	70	65	-	-	-	8	5	14	38	160
CLERGY	4 350	391	4 198	385	105	6	-	-	30	-	57	-	739	39
RELIGIOUS WORKERS, N.E.C.	448	940	438	913	-	10	-	4	-	13	15	5	56	169
LAWYERS AND JUDGES	14 492	2 648	14 181	2 533	236	86	7	12	25	-	77	26	1 691	249
LAWYERS	13 798	2 537	13 553	2 426	176	82	7	12	25	-	66	26	1 622	228
JUDGES	694	111	628	107	60	4	-	-	-	-	11	-	69	21
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	23 962	17 285	23 150	16 853	478	234	26	27	205	117	335	162	3 584	2 529
AUTHORS	755	724	730	724	8	-	-	-	17	-	5	-	132	160
TECHNICAL WRITERS	1 553	809	1 493	804	44	5	7	-	4	-	7	-	312	125
DESIGNERS	5 772	3 987	5 608	3 870	44	39	-	7	83	43	90	24	917	548
MUSICIANS AND COMPOSERS	2 907	1 041	2 703	1 025	153	-	14	-	37	16	20	-	348	188
ACTORS AND DIRECTORS	783	434	765	422	18	12	-	-	-	-	-	19	65	22
PAINTERS, SCULPTORS, CRAFT-ARTISTS, AND ARTIST PRINTMAKERS	2 184	2 437	2 155	2 407	18	30	-	-	11	-	53	18	380	430
PHOTOGRAPHERS	2 062	664	2 037	664	16	-	-	-	-	-	22	-	275	142
DANCERS	74	123	63	123	11	-	-	-	-	-	-	-	2	10
ARTISTS, PERFORMERS AND RELATED WORKERS, N.E.C.	733	595	697	567	12	19	-	9	10	-	29	-	87	80
EDITORS AND REPORTERS	3 687	4 178	3 585	3 988	34	95	5	11	37	58	74	90	588	593
PUBLIC RELATIONS SPECIALISTS	1 754	1 801	1 712	1 767	36	34	-	-	6	-	19	11	270	139
ANNOUNCERS	673	127	626	127	38	-	-	-	-	-	16	-	64	16
ATHLETES	1 025	365	976	365	46	-	-	-	-	-	-	-	144	76

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	TOTAL		WHITE		BLACK		AMER. INDIAN, ESKIMO / ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)			
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	300 822	541 421	287 310	517 672	8 852	16 964	355	582	2 625	3 469	3 670	6 019	44 067	75 616
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	54 018	42 690	50 584	40 210	1 610	1 551	101	73	1 352	666	746	427	7 986	6 534
HEALTH TECHNOLOGISTS AND TECHNICIANS	5 158	26 700	4 690	25 323	215	954	12	54	182	271	103	221	702	4 340
CLINICAL LABORATORY TECHNOLOGISTS AND TECHNICIANS	1 766	6 177	1 527	5 810	116	194	-	12	89	149	76	58	236	967
DENTAL HYGIENISTS	27	1 960	27	1 933	-	-	-	-	-	12	-	-	3	428
HEALTH RECORD TECHNOLOGISTS AND TECHNICIANS	39	373	39	362	-	6	-	-	-	5	-	5	-	34
RADIOLOGIC TECHNICIANS	630	2 401	610	2 324	8	37	-	14	12	14	-	34	83	261
LICENSED PRACTICAL NURSES	541	12 572	513	11 884	16	544	5	28	7	69	-	96	105	2 174
HEALTH TECHNOLOGISTS AND TECHNICIANS, N.E.C.	2 155	3 217	1 974	3 010	75	173	7	-	74	22	27	28	275	476
ENGINEERING AND RELATED TECHNOLOGISTS AND TECHNICIANS	25 559	4 845	24 253	4 536	724	187	60	-	346	79	365	73	3 872	685
ELECTRICAL AND ELECTRONIC TECHNICIANS	9 439	1 375	8 820	1 302	297	50	27	-	171	23	266	14	1 352	229
INDUSTRIAL ENGINEERING TECHNICIANS	184	48	174	48	10	-	-	-	-	-	-	-	70	17
MECHANICAL ENGINEERING TECHNICIANS	535	51	530	51	-	-	-	-	-	-	5	-	74	8
ENGINEERING TECHNICIANS, N.E.C.	6 101	2 074	5 920	1 933	139	90	6	-	32	14	18	50	956	195
DRAFTING OCCUPATIONS	8 443	1 235	7 972	1 154	261	47	27	-	143	28	73	9	1 236	232
SURVEYING AND MAPPING TECHNICIANS	857	62	837	48	17	-	-	-	-	14	3	-	184	4
SCIENCE TECHNICIANS	3 233	1 577	3 001	1 483	125	69	-	-	82	12	70	24	486	245
BIOLOGICAL TECHNICIANS	381	310	363	297	12	-	-	-	-	-	6	6	50	61
CHEMICAL TECHNICIANS	1 633	400	1 472	362	93	33	-	-	56	5	39	6	259	63
SCIENCE TECHNICIANS, N.E.C.	1 219	867	1 166	824	20	36	-	-	26	7	25	12	177	121
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	20 068	9 568	18 640	8 868	546	341	29	19	742	304	208	109	2 926	1 264
AIRPLANE PILOTS AND NAVIGATORS	818	-	807	-	11	-	-	-	-	-	3	-	288	-
AIR TRAFFIC CONTROLLERS	395	145	385	128	-	10	-	-	-	7	22	-	125	46
BROADCAST EQUIPMENT OPERATORS	970	381	945	357	25	24	-	-	-	-	-	-	157	124
COMPUTER PROGRAMMERS	8 162	4 074	7 561	3 805	264	129	11	6	290	121	92	35	873	574
TOOL PROGRAMMERS, NUMERICAL CONTROL	344	73	335	73	-	-	-	-	9	-	-	-	58	-
LEGAL ASSISTANTS	514	1 338	503	1 302	5	28	-	-	6	-	-	12	16	152
TECHNICIANS, N.E.C.	8 865	3 557	8 104	3 203	241	150	18	13	437	176	91	62	1 409	368
SALES OCCUPATIONS	126 690	117 876	123 606	114 661	2 147	1 995	78	145	501	716	1 006	1 050	22 417	17 912
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS, SALARIED	22 752	8 852	22 400	8 711	186	93	-	7	109	19	153	49	4 391	1 391
MANUFACTURING	1 537	251	1 526	251	6	-	-	-	5	-	-	5	289	74
WHOLESALE TRADE	2 276	206	2 262	206	5	-	-	-	9	-	13	-	513	31
RETAIL TRADE	17 334	7 881	17 014	7 753	168	93	-	7	95	6	129	44	3 299	1 229
ALL OTHER INDUSTRIES	1 605	514	1 598	501	7	-	-	-	-	13	11	-	290	57
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS, SELF-EMPLOYED	6 333	2 226	6 186	2 168	79	24	-	-	61	28	68	28	1 415	656
MANUFACTURING	21	1	14	-	7	-	-	-	-	1	-	-	2	1
WHOLESALE TRADE	743	90	731	90	12	-	-	-	-	-	-	-	112	19
RETAIL TRADE	5 268	2 091	5 155	2 034	45	24	-	-	61	27	68	28	1 243	621
ALL OTHER INDUSTRIES	301	44	286	44	15	-	-	-	-	-	-	-	58	15
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	27 129	15 618	26 647	15 234	354	224	30	28	62	94	95	130	5 169	2 874
INSURANCE SALES OCCUPATIONS	10 073	4 132	9 882	3 936	150	134	13	16	23	46	37	12	1 794	507
REAL ESTATE SALES OCCUPATIONS	5 602	5 745	5 494	5 690	73	28	12	6	-	9	17	41	1 337	1 585
SECURITIES AND FINANCIAL SERVICES SALES OCCUPATIONS	3 348	860	3 303	823	16	16	5	-	24	16	12	19	542	76
ADVERTISING AND RELATED SALES OCCUPATIONS	1 757	1 097	1 718	1 088	39	-	-	-	-	-	6	6	295	162
SALES OCCUPATIONS, OTHER BUSINESS SERVICES	6 349	3 784	6 250	3 697	76	46	-	6	15	23	23	52	1 201	544
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	28 836	4 575	28 475	4 499	287	46	6	-	37	24	111	19	5 473	729
SALES ENGINEERS	1 976	68	1 953	68	14	-	-	-	-	-	10	-	384	-
SALES REPRESENTATIVES, MINING, MANUFACTURING, AND WHOLESALE	26 860	4 507	26 522	4 431	273	46	6	-	37	24	101	19	5 089	729
WHOLESALE TRADE	17 607	2 472	17 413	2 408	146	34	6	-	27	24	68	19	2 989	313
SALES WORKERS, RETAIL AND PERSONAL SERVICES	41 364	86 320	39 636	83 776	1 227	1 608	42	110	232	542	579	824	5 897	12 169
SALES WORKERS, MOTOR VEHICLES AND BOATS	4 675	254	4 554	254	66	-	-	-	14	-	73	-	987	57
SALES WORKERS, APPAREL	2 206	11 086	1 983	10 726	176	277	5	20	21	56	71	76	160	1 470
SALES WORKERS, SHOES	1 248	1 476	1 221	1 448	7	28	-	-	-	-	32	-	135	155
SALES WORKERS, FURNITURE AND HOME FURNISHINGS	1 924	1 316	1 908	1 286	16	13	-	-	-	12	6	16	225	186
SALES WORKERS, RADIO, TV, HI-FI, AND APPLIANCES	1 872	479	1 830	479	37	-	-	-	5	-	-	-	229	61
SALES WORKERS, HARDWARE AND BUILDING SUPPLIES	2 946	720	2 915	720	20	-	5	-	6	-	18	-	654	183
SALES WORKERS, PARTS	3 253	217	3 218	217	6	-	13	-	7	-	35	7	618	64
SALES WORKERS, OTHER COMMODITIES	12 064	31 443	11 554	30 748	353	476	7	25	50	133	191	264	1 831	4 691
RETAIL TRADE	11 541	30 907	11 038	30 225	353	463	7	25	43	133	184	240	1 739	4 643
PERSONAL, BUSINESS AND REPAIR SERVICES	51	99	51	99	-	-	-	-	-	-	-	8	13	8
ALL OTHER INDUSTRIES	472	437	465	424	-	13	-	-	7	-	7	16	79	40
SALES COUNTER CLERKS	669	1 960	629	1 887	29	53	7	-	4	6	-	19	26	277
CASHIERS	7 298	34 181	6 739	32 967	403	673	5	54	115	318	138	396	553	4 424
STREET AND DOOR-TO-DOOR SALES WORKERS	1 407	2 442	1 312	2 308	86	88	-	11	9	7	-	46	230	457
NEWS VENDORS	1 802	746	1 773	736	28	-	-	-	1	10	15	-	249	144
SALES RELATED OCCUPATIONS	276	285	262	273	14	-	-	-	-	9	-	-	72	93
DEMONSTRATORS, PROMOTERS AND MODELS, SALES	28	158	28	146	-	-	-	-	-	9	-	-	24	55
AUCTIONEERS	117	11	117	11	-	-	-	-	-	-	-	-	35	5
SALES SUPPORT OCCUPATIONS, N.E.C.	131	116	117	116	14	-	-	-	-	-	-	-	13	33
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	120 114	380 855	113 120	362 801	5 095	13 418	176	364	772	2 087	1 918	4 542	13 664	51 170
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	17 745	16 309	17 084	15 550	526	658	14	-	88	54	120	180	2 539	2 062
SUPERVISORS, GENERAL OFFICE	7 801	11 741	7 397	11 136	334	546	7	-	40	32	90	144	1 072	1 401
SUPERVISORS, COMPUTER EQUIPMENT OPERATORS	1 218	529	1 201	508	17	11	-	-	-	10	-	-	198	68
SUPERVISORS, FINANCIAL RECORDS PROCESSING	2 797	2 739	2 747	2 684	28	34	2	-	20	12	-	26	377	381
CHIEF COMMUNICATIONS OPERATORS	1 218	468	1 196	437	4	25	-	-	18	-	-	6	225	61
SUPERVISORS; DISTRIBUTION, SCHEDULING, AND ADJUSTING CLERKS	4 711	832	4 543	785	143	42	5	-	10	-	30	4	667	151

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (A) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

MASSACHUSETTS

	THE STATE													
	TOTAL												RURAL	
	TOTAL		WHITE		BLACK		AMER. INDIAN, ESKIMO / ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)			
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
COMPUTER EQUIPMENT OPERATORS	5 497	7 168	5 016	6 742	341	294	21	33	74	70	125	32	556	900
COMPUTER OPERATORS	5 088	6 305	4 614	5 905	334	273	21	33	74	65	125	32	460	716
PERIPHERAL EQUIPMENT OPERATORS	409	863	402	837	7	21	-	-	-	5	-	-	96	184
SECRETARIES, STENOGRAPHERS, AND TYPISTS	1 812	136 557	1 622	131 413	70	3 844	-	113	62	513	64	1 396	160	18 415
SECRETARIES	1 072	114 385	966	110 736	49	2 766	-	89	32	396	35	990	96	16 247
STENOGRAPHERS	149	1 445	149	1 404	-	32	-	-	-	9	-	-	16	158
TYPISTS	591	20 727	507	19 273	21	1 046	-	24	30	108	29	406	48	2 010
INFORMATION CLERKS	3 825	17 722	3 450	16 671	266	703	6	36	54	135	90	285	385	2 039
INTERVIEWERS	896	2 901	807	2 750	63	122	-	6	11	10	20	8	134	389
HOTEL CLERKS	571	572	493	565	57	7	6	-	6	-	15	13	66	69
TRANSPORTATION TICKET AND RESERVATION AGENTS	1 095	1 333	1 040	1 223	37	60	-	-	18	28	20	42	70	103
RECEPTIONISTS	732	11 058	614	10 413	84	437	-	26	9	63	28	179	55	1 336
INFORMATION CLERKS, N.E.C.	531	1 858	496	1 720	25	77	-	4	10	34	7	43	60	142
RECORDS PROCESSING OCCUPATIONS, EXCEPT FINANCIAL	6 828	24 419	6 276	22 692	349	1 323	13	-	114	184	115	457	596	2 802
CLASSIFIED-AD CLERKS	85	367	80	349	5	18	-	-	-	-	-	-	9	60
CORRESPONDENCE CLERKS	123	679	106	663	11	7	-	-	6	9	-	-	21	95
ORDER CLERKS	2 708	6 207	2 528	5 953	124	232	7	-	20	12	43	65	295	761
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	357	2 749	339	2 549	18	128	-	-	-	13	-	112	25	348
LIBRARY CLERKS	1 427	4 968	1 262	4 640	83	225	-	-	49	66	48	53	47	665
FILE CLERKS	1 637	7 127	1 512	6 409	85	566	6	-	29	64	9	215	168	597
RECORDS CLERKS	491	2 322	449	2 129	23	147	-	-	10	20	15	12	31	276
FINANCIAL RECORDS PROCESSING OCCUPATIONS	6 406	55 683	6 001	54 219	298	990	9	25	71	280	117	418	568	8 347
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	4 496	43 972	4 170	42 940	255	692	-	20	71	246	72	292	419	6 673
PAYROLL AND TIMEKEEPING CLERKS	701	4 333	690	4 244	4	52	-	5	-	4	4	39	71	716
BILLING CLERKS	444	4 324	429	4 165	6	96	9	-	-	19	15	81	17	532
COST AND RATE CLERKS	594	1 974	567	1 867	17	96	-	-	-	-	10	6	36	253
BILLING, POSTING, AND CALCULATING MACHINE OPERATORS	171	1 080	145	1 003	16	54	-	-	-	11	16	-	25	173
DUPLICATING, MAIL, AND OTHER OFFICE MACHINE OPERATORS	699	1 076	613	1 021	48	21	-	-	15	30	28	21	49	95
DUPLICATING MACHINE OPERATORS	288	424	245	385	21	14	-	-	15	25	7	9	27	44
MAIL PREPARING AND PAPER HANDLING MACHINE OPERATORS	79	106	79	106	-	-	-	-	-	-	-	-	6	7
OFFICE MACHINE OPERATORS, N.E.C.	332	546	289	530	27	7	-	-	-	5	21	12	16	44
COMMUNICATIONS EQUIPMENT OPERATORS	850	8 989	732	8 594	92	294	-	27	-	21	5	59	76	1 150
TELEPHONE OPERATORS	716	8 557	653	8 205	55	265	-	20	-	14	-	59	57	1 059
TELEGRAPHERS	101	36	46	36	37	-	-	-	-	-	5	-	11	12
COMMUNICATIONS EQUIPMENT OPERATORS, N.E.C.	33	396	33	353	-	29	-	7	-	7	-	-	8	79
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	18 610	4 673	17 653	4 212	827	406	27	-	21	26	178	55	1 907	801
POSTAL CLERKS, EXCEPT MAIL CARRIERS	6 466	1 453	6 127	1 324	263	129	27	-	16	-	52	-	632	347
MAIL CARRIERS, POSTAL SERVICE	7 501	320	7 275	311	210	9	-	-	-	-	60	-	926	155
MAIL CLERKS, EXCEPT POSTAL SERVICE	2 845	2 313	2 625	2 072	189	192	-	-	5	26	37	37	195	231
MESSENGERS	1 798	587	1 626	505	165	76	-	-	-	-	29	18	154	68
MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING CLERKS	37 052	16 555	35 302	15 763	1 281	566	46	41	117	91	640	235	4 421	2 466
DISPATCHERS	1 748	564	1 686	547	62	15	-	-	-	-	-	-	212	113
PRODUCTION COORDINATORS	4 709	3 859	4 519	3 607	112	192	-	9	44	38	66	48	684	561
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	16 849	2 786	15 971	2 707	675	53	35	7	36	14	316	48	1 843	510
STOCK AND INVENTORY CLERKS	9 995	5 491	9 498	5 187	354	220	-	17	23	19	197	69	1 196	757
METER READERS	1 146	71	1 104	71	26	-	5	-	-	-	23	-	181	18
WEIGHERS, MEASURERS, AND CHECKERS	681	704	666	661	6	28	-	8	-	7	22	12	93	74
SAMPLERS	24	33	24	33	-	-	-	-	-	-	-	-	-	9
EXPEDITERS	1 693	1 907	1 641	1 828	46	46	-	-	6	13	10	45	180	300
MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING CLERKS, N.E.C.	207	1 140	193	1 122	-	12	6	-	8	-	6	13	32	124
ADJUSTERS AND INVESTIGATORS	5 549	7 540	5 328	7 028	172	449	17	-	9	30	65	56	941	733
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	2 254	2 888	2 195	2 627	40	229	7	-	3	12	21	28	455	305
INVESTIGATORS AND ADJUSTERS, EXCEPT INSURANCE	2 284	3 274	2 176	3 064	92	192	10	-	6	10	30	8	363	269
ELIGIBILITY CLERKS, SOCIAL WELFARE	39	76	39	64	-	7	-	-	-	-	-	12	-	6
BILL AND ACCOUNT COLLECTORS	972	1 302	918	1 273	40	21	-	-	-	8	14	8	123	153
MISCELLANEOUS ADMINISTRATIVE SUPPORT OCCUPATIONS	15 241	84 164	14 043	78 896	825	3 870	23	89	147	653	371	1 348	1 466	11 360
GENERAL OFFICE CLERKS	6 960	40 666	6 367	38 520	409	1 559	9	35	76	277	164	579	584	5 500
BANK TELLERS	1 666	12 882	1 554	12 329	66	374	-	6	20	106	39	109	130	2 102
PROOFREADERS	243	752	243	741	-	11	-	-	-	-	5	-	2	91
DATA-ENTRY KEYERS	777	11 449	736	10 289	28	921	-	13	13	152	-	198	51	1 351
STATISTICAL CLERKS	785	2 886	719	2 715	58	151	-	9	8	11	16	11	88	326
TEACHERS' AIDES	490	5 966	347	5 341	87	406	-	-	15	48	36	260	39	852
ADMINISTRATIVE SUPPORT OCCUPATIONS, N.E.C.	4 320	9 563	4 077	8 961	177	448	14	26	15	59	111	191	572	1 138
SERVICE OCCUPATIONS	164 339	192 789	150 393	178 522	8 618	10 552	311	317	3 067	1 434	3 548	3 589	20 055	30 109
PRIVATE HOUSEHOLD OCCUPATIONS	643	9 378	567	8 346	32	776	-	21	30	85	27	221	161	2 021
OCCUPATION:														
LAUNDERERS AND IRONERS	16	52	5	47	-	5	-	-	11	-	-	-	-	5
COOKS, PRIVATE HOUSEHOLD	34	212	28	196	-	16	-	-	6	-	-	-	8	49
HOUSEKEEPERS AND BUTLERS	65	1 586	57	1 411	3	103	-	2	5	11	-	90	11	363
CHILD CARE WORKERS, PRIVATE HOUSEHOLD	105	3 156	105	3 022	-	67	-	8	-	54	-	23	18	582
PRIVATE HOUSEHOLD CLEANERS AND SERVANTS	423	4 372	372	3 670	29	585	-	11	8	20	27	108	124	1 022
LIVING ARRANGEMENT:														
LIVING IN	88	896	80	714	3	144	-	-	5	25	-	75	26	107
LIVING OUT	555	8 482	487	7 632	29	632	-	21	25	60	27	146	135	1 914

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MASSACHUSETTS

	THE STATE													
	TOTAL												RURAL	
	TOTAL		WHITE		BLACK		AMER. INDIAN, ESKIMO / ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)			
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
PROTECTIVE SERVICE OCCUPATIONS	47 444	5 701	44 867	5 187	2 045	385	122	38	87	14	573	174	6 032	558
SUPERVISORS, PROTECTIVE SERVICE OCCUPATIONS	3 520	75	3 425	75	70	-	13	-	-	-	15	-	478	2
SUPERVISORS, FIREFIGHTING AND FIRE PREVENTION OCCUPATIONS	1 161	-	1 153	-	-	-	8	-	-	-	-	-	107	-
SUPERVISORS, POLICE AND DETECTIVES	1 848	40	1 794	40	37	-	5	-	-	-	15	-	302	2
SUPERVISORS, GUARDS	511	35	478	35	33	-	-	-	-	-	-	-	69	-
FIREFIGHTING AND FIRE PREVENTION OCCUPATIONS	11 668	104	11 335	104	280	-	18	-	15	-	87	-	1 094	23
FIRE INSPECTION AND FIRE PREVENTION OCCUPATIONS	396	51	390	51	6	-	-	-	-	-	-	-	90	16
FIREFIGHTING OCCUPATIONS	11 272	53	10 945	53	274	-	18	-	15	-	87	-	1 004	7
POLICE AND DETECTIVES	16 041	1 021	15 357	838	541	112	37	22	15	-	137	49	2 642	93
POLICE AND DETECTIVES, PUBLIC SERVICE	12 892	657	12 446	512	355	84	26	12	15	-	85	49	2 094	49
SHERIFFS, BAILIFFS, AND OTHER ENFORCEMENT OFFICERS	799	105	736	105	54	-	-	-	-	-	6	-	76	4
CORRECTIONAL INSTITUTION OFFICERS	2 350	259	2 175	221	132	28	11	10	-	-	46	-	472	40
GUARDS	16 215	4 501	14 750	4 170	1 154	273	54	16	57	14	334	125	1 818	440
CROSSING GUARDS	466	1 693	466	1 646	-	43	-	4	-	-	-	5	41	128
GUARDS AND POLICE, EXCEPT PUBLIC SERVICE	15 114	1 846	13 669	1 660	1 134	152	54	6	57	14	318	66	1 701	216
PROTECTIVE SERVICE OCCUPATIONS, N.E.C.	635	962	615	864	20	78	-	6	-	-	16	54	76	96
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	116 252	177 710	104 959	164 989	6 541	9 391	189	258	2 950	1 335	2 948	3 194	13 862	27 530
FOOD PREPARATION AND SERVICE OCCUPATIONS	46 922	77 708	41 937	75 253	1 721	1 340	58	75	2 573	661	1 112	791	5 590	13 350
SUPERVISORS, FOOD PREPARATION AND SERVICE OCCUPATIONS	4 439	3 571	3 802	3 400	203	82	-	-	371	83	68	29	604	713
BARTENDERS	5 448	2 018	5 107	2 006	66	6	5	-	242	6	56	3	545	402
WAITERS AND WAITRESSES	4 758	37 441	4 094	36 686	129	296	5	50	493	255	101	288	392	6 565
COOKS, EXCEPT SHORT ORDER	14 503	10 098	12 445	9 609	594	302	12	5	1 203	101	409	146	1 818	1 873
SHORT-ORDER COOKS	1 503	778	1 451	726	41	22	-	-	4	16	24	9	201	166
FOOD COUNTER, FOUNTAIN AND RELATED OCCUPATIONS	1 198	4 502	1 169	4 344	23	97	-	5	6	56	-	21	117	675
KITCHEN WORKERS, FOOD PREPARATION	933	1 872	867	1 807	54	42	-	-	-	7	27	18	73	266
WAITERS' AND WAITRESSES' ASSISTANTS	3 335	3 045	3 153	2 872	77	148	-	-	60	-	111	34	410	450
MISCELLANEOUS FOOD PREPARATION OCCUPATIONS	10 805	14 383	9 849	13 803	534	345	36	15	194	137	316	243	1 430	2 240
HEALTH SERVICE OCCUPATIONS	7 291	49 351	6 054	43 831	1 040	4 501	10	106	76	363	270	1 122	782	6 917
DENTAL ASSISTANTS	50	3 974	46	3 896	-	49	-	-	-	-	4	48	8	611
HEALTH AIDES, EXCEPT NURSING	1 461	7 346	1 227	6 678	166	523	5	11	28	59	74	150	45	852
NURSING AIDES, ORDERLIES, AND ATTENDANTS	5 780	38 031	4 781	33 257	874	3 929	5	95	48	304	192	924	729	5 454
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	52 161	16 247	47 989	14 097	3 152	1 677	90	37	212	56	1 323	601	6 486	2 191
SUPERVISORS, CLEANING AND BUILDING SERVICE WORKERS	2 885	735	2 594	676	249	46	8	6	6	-	100	29	436	35
MAIDS AND HOUSEMEN	6 254	10 193	5 451	8 885	562	1 036	12	19	36	39	290	373	552	1 536
JANITORS AND CLEANERS	42 092	5 230	39 093	4 488	2 269	560	70	6	163	17	926	199	5 390	620
ELEVATOR OPERATORS	464	89	397	48	60	35	-	6	7	-	7	-	17	-
PEST CONTROL OCCUPATIONS	466	-	454	-	12	-	-	-	-	-	-	-	91	-
PERSONAL SERVICE OCCUPATIONS	9 878	34 404	8 979	31 808	628	1 873	31	40	89	255	243	680	1 004	5 072
SUPERVISORS, PERSONAL SERVICE OCCUPATIONS	385	191	378	191	7	-	-	-	-	-	-	-	63	36
BARBERS	2 154	249	2 001	232	116	17	12	-	-	-	24	-	253	89
HAIRDRESSERS AND COSMETOLOGISTS	2 667	10 612	2 561	10 320	80	159	-	-	-	70	59	130	260	1 728
ATTENDANTS, AMUSEMENT AND RECREATION FACILITIES	747	397	705	373	30	20	-	-	7	-	5	-	107	67
GUIDES	239	559	206	528	20	24	-	-	13	7	6	6	13	99
USHERS	555	98	496	86	48	-	-	-	4	12	17	-	27	9
PUBLIC TRANSPORTATION ATTENDANTS	472	1 970	402	1 863	37	60	-	3	5	33	28	32	38	175
BAGGAGE PORTERS AND BELLHOPS	300	41	216	36	80	5	-	-	4	-	10	-	14	-
WELFARE SERVICE AIDES	236	4 870	187	4 106	38	672	11	5	-	45	6	101	17	622
CHILD CARE WORKERS, EXCEPT PRIVATE HOUSEHOLD	835	9 931	733	9 048	63	565	-	23	8	73	52	328	108	1 389
PERSONAL SERVICE OCCUPATIONS, N.E.C.	1 288	5 486	1 094	5 025	109	351	8	9	48	15	36	83	104	858
FARMING, FORESTRY, AND FISHING OCCUPATIONS	19 461	3 899	18 887	3 796	272	32	77	6	35	4	459	79	7 172	1 633
FARM OPERATORS AND MANAGERS	3 382	633	3 361	627	5	-	-	6	7	-	37	8	2 102	434
FARMERS, EXCEPT HORTICULTURAL	2 124	455	2 112	449	5	-	-	6	7	-	6	-	1 592	358
AGRICULTURAL PRODUCTION, CROPS	1 024	160	1 024	160	-	-	-	-	-	-	6	-	745	118
HORTICULTURAL SPECIALTY FARMERS	282	21	282	21	-	-	-	-	-	-	4	-	78	-
MANAGERS, FARMS, EXCEPT HORTICULTURAL	664	134	655	134	-	-	-	-	-	-	20	8	349	76
MANAGERS, HORTICULTURAL SPECIALTY FARMS	312	23	312	23	-	-	-	-	-	-	7	-	83	-
FARM OCCUPATIONS, EXCEPT MANAGERIAL	3 095	1 476	2 965	1 422	21	5	7	-	-	4	205	56	1 542	621
SUPERVISORS, FARM WORKERS	260	115	260	115	-	-	-	-	-	-	9	-	132	25
FARM WORKERS	2 370	1 038	2 270	988	6	5	5	-	-	-	181	56	1 287	514
AGRICULTURAL PRODUCTION, CROPS	1 400	677	1 306	632	-	-	5	-	-	-	181	56	649	289
MARINE LIFE CULTIVATION WORKERS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NURSERY WORKERS	465	323	435	319	15	-	2	-	-	4	15	-	123	82
RELATED AGRICULTURAL OCCUPATIONS	8 726	1 597	8 347	1 554	224	27	48	-	28	-	157	15	2 062	497
SUPERVISORS, RELATED AGRICULTURAL OCCUPATIONS	666	44	652	44	-	-	8	-	-	-	15	-	117	12
GROUNDSKEEPERS AND GARDENERS, EXCEPT FARM	7 304	341	6 974	314	204	11	25	-	28	-	132	15	1 743	79
ANIMAL CARETAKERS, EXCEPT FARM	692	1 109	657	1 093	20	16	15	-	-	-	5	-	180	364
GRADERS AND SORTERS, AGRICULTURAL PRODUCTS	42	97	42	97	-	-	-	-	-	-	5	-	15	42
INSPECTORS, AGRICULTURAL PRODUCTS	22	6	22	6	-	-	-	-	-	-	-	-	7	-
FORESTRY AND LOGGING OCCUPATIONS	936	85	929	85	-	-	7	-	-	-	6	-	510	40
SUPERVISORS, FORESTRY AND LOGGING WORKERS	18	7	18	7	-	-	-	-	-	-	-	-	12	7
FORESTRY WORKERS, EXCEPT LOGGING	177	34	177	34	-	-	-	-	-	-	-	-	31	18
TIMBER CUTTING AND LOGGING OCCUPATIONS	741	44	734	44	-	-	7	-	-	-	6	-	467	15
FISHERS, HUNTERS, AND TRAPPERS	3 322	108	3 285	108	22	-	15	-	-	-	54	-	956	41
CAPTAINS AND OTHER OFFICERS, FISHING VESSELS	327	7	327	7	-	-	-	-	-	-	-	-	83	-
FISHERS	2 960	101	2 925	101	20	-	15	-	-	-	54	-	865	41
HUNTERS AND TRAPPERS	35	-	33	-	2	-	-	-	-	-	-	-	8	-

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TABLE 219. (A) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

MASSACHUSETTS

	THE STATE													
	TOTAL												RURAL	
	TOTAL		WHITE		BLACK		AMER. INDIAN, ESKIMO / ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)			
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	277 452	26 430	268 144	24 911	6 472	812	396	26	634	362	3 813	857	53 237	3 808
MECHANICS AND REPAIRERS	84 970	2 729	82 071	2 548	2 022	155	130	6	185	20	1 221	45	16 616	369
SUPERVISORS, MECHANICS AND REPAIRERS	3 787	109	3 751	109	25	-	11	-	-	-	22	-	787	28
MECHANICS AND REPAIRERS, EXCEPT SUPERVISORS	81 183	2 620	78 320	2 439	1 997	155	119	6	185	20	1 199	45	15 829	341
VEHICLE AND MOBILE EQUIPMENT MECHANICS AND REPAIRERS	33 828	293	32 514	285	962	8	55	-	56	-	483	-	7 227	46
AUTOMOBILE MECHANICS	21 297	185	20 383	177	676	8	36	-	56	-	312	-	4 469	31
BUS, TRUCK, AND STATIONARY ENGINE MECHANICS	2 372	26	2 293	26	59	-	-	-	-	-	26	-	511	15
AIRCRAFT MECHANICS	1 509	41	1 468	41	35	-	6	-	-	-	-	-	340	-
SMALL ENGINE REPAIRERS	665	6	659	6	6	-	-	-	-	-	-	-	205	-
AUTOMOBILE BODY AND RELATED REPAIRERS	5 343	31	5 156	31	143	-	-	-	-	-	113	-	1 039	-
HEAVY EQUIPMENT MECHANICS	2 293	4	2 220	4	36	-	13	-	-	-	-	-	544	-
FARM EQUIPMENT MECHANICS	349	-	335	-	7	-	-	-	-	-	32	-	119	-
INDUSTRIAL MACHINERY REPAIRERS	12 223	324	11 740	316	314	8	23	-	20	-	286	-	2 226	60
MACHINERY MAINTENANCE OCCUPATIONS	648	6	607	6	34	-	-	-	-	-	-	-	82	6
ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS	14 795	1 024	14 436	920	260	91	-	-	60	13	137	10	2 800	123
ELECTRONIC REPAIRERS, COMMUNICATIONS AND INDUSTRIAL EQUIPMENT	3 276	284	3 164	254	62	30	-	-	15	-	83	-	591	36
DATA PROCESSING EQUIPMENT REPAIRERS	2 105	295	2 028	250	62	38	-	-	11	7	31	10	413	29
HOUSEHOLD APPLIANCE AND POWER TOOL REPAIRERS	1 706	29	1 648	29	24	-	-	-	34	-	6	-	384	2
TELEPHONE LINE INSTALLERS AND REPAIRERS	1 132	38	1 132	38	-	-	-	-	-	-	-	-	289	14
TELEPHONE INSTALLERS AND REPAIRERS	6 203	353	6 101	330	102	23	-	-	-	-	12	-	1 078	42
MISCELLANEOUS ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS	373	25	363	19	10	-	-	-	-	6	5	-	45	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	4 302	13	4 213	13	61	-	6	-	-	-	58	-	742	13
MISCELLANEOUS MECHANICS AND REPAIRERS	15 387	960	14 810	899	366	48	35	6	49	7	235	35	2 752	93
CAMERA, WATCH, AND MUSICAL INSTRUMENT REPAIRERS	931	183	909	163	16	20	6	-	-	-	5	-	140	23
LOCKSMITHS AND SAFE REPAIRERS	523	8	510	8	7	-	-	-	-	-	-	-	65	8
OFFICE MACHINE REPAIRERS	981	51	948	51	10	-	-	-	23	-	6	-	153	8
MECHANICAL CONTROLS AND VALVE REPAIRERS	799	-	770	-	14	-	10	-	-	-	6	-	87	-
ELEVATOR INSTALLERS AND REPAIRERS	613	-	598	-	15	-	-	-	-	-	6	-	120	-
MILLWRIGHTS	2 350	161	2 310	161	40	-	-	-	-	-	40	29	560	-
SPECIFIED MECHANICS AND REPAIRERS, N.E.C.	5 936	375	5 686	334	156	28	19	6	17	7	66	6	1 039	41
NOT SPECIFIED MECHANICS AND REPAIRERS	3 254	182	3 079	182	108	-	-	-	9	-	106	-	588	13
CONSTRUCTION TRADES	88 468	1 180	85 865	1 114	1 872	32	102	-	96	13	870	31	19 101	200
SUPERVISORS; CONSTRUCTION OCCUPATIONS	14 006	100	13 759	88	157	12	19	-	20	-	47	-	3 487	-
SUPERVISORS; BRICKMASONS, STONEMASONS, AND TILE SETTERS	88	-	88	-	-	-	-	-	-	-	-	-	22	-
SUPERVISORS; CARPENTERS AND RELATED WORKERS	970	-	970	-	-	-	-	-	-	-	-	-	219	-
SUPERVISORS; ELECTRICIANS AND POWER TRANSMISSION INSTALLERS	727	5	709	5	18	-	-	-	-	-	-	-	160	-
SUPERVISORS; PAINTERS, PAPERHANGERS, AND PLASTERERS	356	-	343	-	6	-	-	-	-	-	7	-	95	-
SUPERVISORS; PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	350	6	350	6	-	-	-	-	-	-	-	-	36	-
SUPERVISORS; N.E.C.	11 515	89	11 299	77	133	12	19	-	20	-	40	-	2 955	-
CONSTRUCTION TRADES, EXCEPT SUPERVISORS	74 462	1 080	72 106	1 026	1 715	20	83	-	76	13	823	31	15 614	200
BRICKMASONS AND STONEMASONS	3 054	44	2 993	44	53	-	-	-	-	-	64	-	635	9
TILE SETTERS, HARD AND SOFT	549	7	549	7	-	-	-	-	-	-	5	-	87	-
CARPET INSTALLERS	1 286	26	1 254	26	23	-	-	-	-	-	32	-	277	8
CARPENTERS	26 450	379	25 780	370	480	4	33	-	14	-	207	-	6 580	78
DRYWALL INSTALLERS	766	28	730	28	19	-	-	-	-	-	18	-	234	12
ELECTRICIANS	12 697	163	12 406	147	239	-	6	-	19	-	59	16	2 338	18
ELECTRICAL POWER INSTALLERS AND REPAIRERS	2 130	40	2 024	40	101	-	-	-	-	-	18	-	461	9
PAINTERS, CONSTRUCTION AND MAINTENANCE	7 993	241	7 548	212	275	16	12	-	17	13	221	15	1 424	36
PAPERHANGERS	448	23	432	23	16	-	-	-	-	-	-	-	74	-
PLASTERERS	519	5	495	5	14	-	-	-	-	-	10	-	67	-
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	10 700	43	10 379	43	264	-	3	-	15	-	103	-	1 998	11
CONCRETE AND TERRAZZO FINISHERS	325	6	325	6	-	-	-	-	-	-	-	-	87	-
GLAZIERS	813	17	791	17	10	-	-	-	7	-	13	-	93	2
INSULATION WORKERS	809	8	781	8	16	-	6	-	-	-	11	-	178	-
PAVING, SURFACING, AND TAMPING EQUIPMENT OPERATORS	54	-	54	-	-	-	-	-	-	-	-	-	17	-
ROOFERS	1 697	12	1 612	12	53	-	18	-	-	-	26	-	258	-
SHEETMETAL DUCT INSTALLERS	361	-	356	-	5	-	-	-	-	-	-	-	45	-
STRUCTURAL METAL WORKERS	1 116	10	1 048	10	53	-	-	-	4	-	19	-	207	8
DRILLERS, EARTH	243	15	243	15	-	-	-	-	-	-	-	-	76	3
CONSTRUCTION TRADES, N.E.C.	2 452	13	2 306	13	94	-	5	-	-	-	17	-	478	6
EXTRACTIVE OCCUPATIONS	315	13	300	13	11	-	-	-	-	-	4	-	61	7
SUPERVISORS, EXTRACTIVE OCCUPATIONS	67	-	67	-	-	-	-	-	-	-	-	-	26	-
DRILLERS, OIL WELL	20	-	20	-	-	-	-	-	-	-	-	-	13	-
EXPLOSIVES WORKERS	71	2	60	2	11	-	-	-	-	-	-	-	4	2
MINING MACHINE OPERATORS	90	6	90	6	-	-	-	-	-	-	-	-	10	-
MINING OCCUPATIONS, N.E.C.	67	5	63	5	-	-	-	-	-	-	4	-	8	5

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MASSACHUSETTS

	THE STATE													
	TOTAL												RURAL	
	TOTAL		WHITE		BLACK		AMER. INDIAN, ESKIMO / ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)			
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
PRECISION PRODUCTION OCCUPATIONS	103 699	22 508	99 908	21 236	2 567	625	164	20	353	329	1 718	781	17 459	3 232
SUPERVISORS, PRODUCTION OCCUPATIONS	42 706	7 862	41 372	7 429	926	269	80	7	120	79	484	248	8 213	1 155
NONDURABLE GOODS MANUFACTURING	11 412	2 747	11 057	2 689	206	20	35	-	38	12	197	89	1 897	387
DURABLE GOODS MANUFACTURING	21 196	3 197	20 500	2 927	515	178	34	7	42	33	236	149	4 388	532
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	3 013	105	2 959	105	24	-	11	-	11	-	5	-	611	8
WHOLESALE AND RETAIL TRADE	5 183	1 270	5 060	1 201	96	48	-	-	17	21	33	5	946	188
ALL OTHER INDUSTRIES	1 902	543	1 796	507	85	23	-	-	12	13	13	5	371	40
PRECISION METALWORKING OCCUPATIONS	33 021	2 107	31 596	1 966	1 011	89	57	-	128	10	579	136	5 338	330
TOOL AND DIE MAKERS	5 306	88	5 153	88	128	-	5	-	2	-	65	-	1 075	21
PRECISION ASSEMBLERS, METAL	311	107	306	98	5	9	-	-	-	-	-	15	60	-
MACHINISTS	20 948	853	19 874	739	740	68	32	-	107	10	447	84	3 234	89
BOILERMAKERS	538	-	538	-	-	-	-	-	-	-	-	-	78	-
PRECISION GRINDERS, FILERS, AND TOOL SHARPENERS	368	20	360	20	8	-	-	-	-	-	10	-	67	7
PATTERNMAKERS AND MODEL MAKERS, METAL	492	17	492	17	-	-	-	-	-	-	-	-	106	-
LAY-OUT WORKERS	436	71	407	71	17	-	7	-	5	-	-	-	56	7
PRECIOUS STONES AND METALS WORKERS (JEWELERS)	806	694	801	682	-	6	-	-	-	-	33	31	98	143
ENGRAVERS, METAL	390	165	378	165	6	-	-	-	6	-	-	6	26	44
SHEET METAL WORKERS	3 392	70	3 253	64	107	6	13	-	8	-	24	-	536	9
MISCELLANEOUS PRECISION METAL WORKERS	34	22	34	22	-	-	-	-	-	-	-	-	2	10
PRECISION WOODWORKING OCCUPATIONS	2 266	168	2 206	168	33	-	-	-	11	-	35	-	485	32
PATTERNMAKERS AND MODEL MAKERS, WOOD	149	3	142	3	-	-	-	-	7	-	-	-	18	3
CABINET MAKERS AND BENCH CARPENTERS	1 486	66	1 453	66	17	-	-	-	-	-	35	-	342	13
FURNITURE AND WOOD FINISHERS	430	96	410	96	16	-	-	-	4	-	-	-	81	16
MISCELLANEOUS PRECISION WOODWORKERS	201	3	201	3	-	-	-	-	-	-	-	-	44	-
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	3 564	3 035	3 425	2 826	31	53	8	-	28	66	142	165	294	366
DRESSMAKERS	84	1 748	77	1 601	-	53	-	-	-	46	-	71	8	236
TAILORS	1 377	524	1 319	504	14	-	-	-	21	20	60	28	46	30
UPHOLSTERERS	1 035	118	987	118	13	-	8	-	-	-	16	-	125	11
SHOE REPAIRERS	847	421	821	379	4	-	-	-	7	-	66	43	61	54
APPAREL AND FABRIC PATTERNMAKERS	141	116	141	116	-	-	-	-	-	-	-	17	21	28
MISCELLANEOUS PRECISION APPAREL AND FABRIC WORKERS	80	108	80	108	-	-	-	-	-	-	-	6	33	7
PRECISION WORKERS, ASSORTED MATERIALS	6 498	5 242	6 188	4 898	223	143	13	5	7	136	193	176	784	666
HAND MOLDERS AND SHAPERS, EXCEPT JEWELERS	1 024	164	978	157	35	7	5	-	-	-	44	-	185	31
PATTERNMAKERS, LAY-OUT WORKERS, AND CUTTERS	134	-	128	-	6	-	-	-	-	-	8	-	28	-
OPTICAL GOODS WORKERS	1 150	763	1 132	749	13	7	-	-	-	7	22	14	136	166
DENTAL LABORATORY AND MEDICAL APPLIANCE TECHNICIANS	871	319	834	313	21	-	-	-	7	6	14	-	118	71
BOOKBINDERS	546	495	515	478	6	8	8	-	-	9	16	8	105	72
ELECTRICAL AND ELECTRONIC EQUIPMENT ASSEMBLERS	1 399	3 260	1 277	2 987	103	111	-	5	-	114	73	138	70	308
MISCELLANEOUS PRECISION WORKERS, N.E.C.	1 374	241	1 324	214	39	10	-	-	-	-	16	16	142	18
PRECISION FOOD PRODUCTION OCCUPATIONS	8 172	2 159	7 867	2 076	186	45	-	8	19	18	235	19	940	419
BUTCHERS AND MEAT CUTTERS	4 994	360	4 809	325	106	21	-	-	11	8	106	-	641	58
BAKERS	2 790	1 597	2 710	1 549	48	24	-	8	-	10	95	19	245	307
FOOD BATCHMAKERS	388	202	348	202	32	-	-	-	8	-	34	-	54	54
PRECISION INSPECTORS, TESTERS, AND RELATED WORKERS	2 799	1 778	2 736	1 725	47	17	-	-	7	20	19	37	464	234
INSPECTORS, TESTERS, AND GRADERS	2 743	1 566	2 680	1 520	47	17	-	-	7	13	19	31	441	164
ADJUSTERS AND CALIBRATORS	56	212	56	205	-	-	-	-	-	7	-	6	23	70
PLANT AND SYSTEM OPERATORS	4 673	157	4 518	148	110	9	6	-	33	-	31	-	941	30
WATER AND SEWAGE TREATMENT PLANT OPERATORS	641	40	639	40	2	-	-	-	-	-	-	-	116	4
POWER PLANT OPERATORS	461	24	453	20	2	4	6	-	-	-	6	-	104	4
STATIONARY ENGINEERS	3 166	57	3 025	52	102	5	-	-	33	-	19	-	619	6
MISCELLANEOUS PLANT AND SYSTEM OPERATORS	405	36	401	36	4	-	-	-	-	-	6	-	102	16
OPERATORS, FABRICATORS, AND LABORERS	297 030	150 248	280 009	138 656	10 260	5 818	493	304	909	2 644	9 858	5 827	46 508	19 753
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	148 128	119 482	138 111	109 655	5 558	4 747	226	265	614	2 466	6 872	4 960	22 635	14 676
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	104 963	72 083	98 048	66 193	3 667	2 304	147	142	400	1 819	5 150	3 297	16 206	8 573
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	16 107	2 958	15 473	2 827	352	72	36	14	26	13	402	57	2 901	593
LATHE AND TURNING MACHINE SET-UP OPERATORS	1 383	105	1 354	105	18	-	6	-	-	-	28	-	264	15
LATHE AND TURNING MACHINE OPERATORS	2 963	257	2 858	238	33	13	18	6	2	-	50	-	604	35
MILLING AND PLANING MACHINE OPERATORS	741	83	703	78	22	5	-	-	-	-	10	-	105	26
PUNCHING AND STAMPING PRESS MACHINE OPERATORS	1 797	804	1 702	778	61	10	5	-	-	5	50	9	254	164
ROLLING MACHINE OPERATORS	284	45	274	40	10	-	-	-	-	-	6	5	62	13
DRILLING AND BORING MACHINE OPERATORS	1 235	312	1 193	290	35	-	7	8	-	-	5	28	219	36
GRINDING, ABRADING, BUFFING, AND POLISHING MACHINE OPERATORS	6 755	1 236	6 480	1 196	143	38	-	-	14	-	253	15	1 214	271
FORGING MACHINE OPERATORS	469	6	442	-	17	6	-	-	10	-	-	-	78	-
NUMERICAL CONTROL MACHINE OPERATORS	95	5	95	5	-	-	-	-	-	-	-	-	46	-
MISCELLANEOUS METAL, PLASTIC, STONE, AND GLASS WORKING MACHINE OPERATORS	385	105	372	97	13	-	-	-	-	8	-	-	55	33

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (A) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

MASSACHUSETTS

	THE STATE													
	TOTAL												RURAL	
	TOTAL		WHITE		BLACK		AMER. INDIAN, ESKIMO / ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)			
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
FABRICATING MACHINE OPERATORS, N.E.C.	439	417	411	387	16	20	-	-	-	10	26	8	72	55
METAL AND PLASTIC PROCESSING MACHINE OPERATORS	6 524	2 331	6 106	2 205	240	67	-	5	20	10	388	142	1 115	375
MOLDING AND CASTING MACHINE OPERATORS	4 000	2 086	3 724	1 973	151	54	-	5	13	10	280	142	733	331
METAL PLATING MACHINE OPERATORS	1 658	198	1 549	190	56	8	-	-	7	-	108	-	213	22
HEAT TREATING EQUIPMENT OPERATORS	654	18	642	18	12	-	-	-	-	-	-	-	103	8
MISCELLANEOUS METAL AND PLASTIC PROCESSING MACHINE OPERATORS	212	29	191	24	21	5	-	-	-	-	-	-	66	14
WOODWORKING MACHINE OPERATORS	1 944	314	1 922	308	8	-	-	-	-	6	25	21	603	67
WOOD LATHE, ROUTING, AND PLANING MACHINE OPERATORS	105	-	105	-	-	-	-	-	-	-	-	-	29	-
SAWING MACHINE OPERATORS	848	115	834	115	-	-	-	-	-	-	14	21	343	19
SHAPING AND JOINING MACHINE OPERATORS	103	80	103	74	-	-	-	-	-	6	11	-	17	15
NAILING AND TACKING MACHINE OPERATORS	49	31	49	31	-	-	-	-	-	-	-	-	2	5
MISCELLANEOUS WOODWORKING MACHINE OPERATORS	839	88	831	88	8	-	-	-	-	-	-	-	212	28
PRINTING MACHINE OPERATORS	11 318	3 160	10 855	3 071	325	47	16	6	56	28	193	35	1 631	560
PRINTING MACHINE OPERATORS	8 635	1 178	8 233	1 161	303	17	10	-	44	-	147	6	1 270	226
PHOTOENGRAVERS AND LITHOGRAPHERS	506	93	506	84	-	-	-	-	-	9	8	-	61	29
TYPESETTERS AND COMPOSITORS	1 531	1 067	1 514	1 046	6	9	6	6	5	6	-	4	208	208
MISCELLANEOUS PRINTING MACHINE OPERATORS	646	822	602	780	16	21	-	-	7	13	38	25	92	97
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	10 847	33 718	9 512	30 504	524	934	20	60	93	1 478	1 167	1 589	1 066	3 001
WINDING AND TWISTING MACHINE OPERATORS	497	1 079	484	1 071	5	-	-	8	-	-	46	-	80	181
KNITTING, LOOPING, TAPING, AND WEAVING MACHINE OPERATORS	663	624	643	598	8	7	-	-	6	-	31	53	65	168
TEXTILE CUTTING MACHINE OPERATORS	229	124	211	117	7	-	-	-	-	7	13	21	6	21
TEXTILE SEWING MACHINE OPERATORS	799	22 271	682	19 884	39	562	-	20	4	1 360	97	1 004	78	1 487
SHOE MACHINE OPERATORS	1 772	3 561	1 548	3 342	23	37	14	19	24	61	295	259	116	329
PRESSING MACHINE OPERATORS	1 716	1 599	1 475	1 370	145	168	-	4	8	5	152	71	65	195
LAUNDERING AND DRY CLEANING MACHINE OPERATORS	2 166	3 049	1 832	2 750	177	142	-	9	30	33	147	146	264	369
MISCELLANEOUS TEXTILE MACHINE OPERATORS	3 005	1 411	2 637	1 372	120	18	6	-	21	12	386	35	392	251
MACHINE OPERATORS, ASSORTED MATERIALS	57 784	29 185	53 769	26 891	2 202	1 364	75	57	205	274	2 949	1 445	8 818	3 922
CEMENTING AND GLUING MACHINE OPERATORS	439	875	408	806	16	38	-	-	-	15	20	46	49	151
PACKAGING AND FILLING MACHINE OPERATORS	1 042	883	927	840	66	30	-	-	9	4	71	19	83	208
EXTRUDING AND FORMING MACHINE OPERATORS	904	54	878	54	26	-	-	-	-	-	8	-	185	-
MIXING AND BLENDING MACHINE OPERATORS	2 804	287	2 679	262	79	17	-	-	-	-	127	8	439	49
SEPARATING, FILTERING, AND CLARIFYING MACHINE OPERATORS	874	95	837	70	6	17	-	-	10	-	40	8	142	7
COMPRESSING AND COMPACTING MACHINE OPERATORS	445	245	421	228	11	8	-	-	7	9	-	-	87	34
PAINTING AND PAINT SPRAYING MACHINE OPERATORS	3 321	747	3 105	721	123	5	17	7	-	6	146	30	502	102
ROASTING AND BAKING MACHINE OPERATORS, FOOD	66	6	66	6	-	-	-	-	-	-	5	6	10	-
WASHING, CLEANING, AND PICKLING MACHINE OPERATORS	101	45	94	45	-	-	-	-	-	-	10	-	19	3
FOLDING MACHINE OPERATORS	502	903	490	830	5	16	-	-	-	23	8	47	102	94
FURNACE, KILN, AND OVEN OPERATORS, EXCEPT FOOD	3 042	129	2 933	118	77	6	-	-	12	-	58	5	657	36
CRUSHING AND GRINDING MACHINE OPERATORS	593	65	576	46	12	11	5	8	-	-	12	-	176	6
SLICING AND CUTTING MACHINE OPERATORS	4 443	2 274	4 304	2 202	84	24	5	-	-	14	116	109	633	291
MOTION PICTURE PROJECTIONISTS	254	85	240	80	6	5	-	-	-	-	6	-	10	-
PHOTOGRAPHIC PROCESS MACHINE OPERATORS	1 323	1 251	1 251	1 232	36	5	6	-	20	5	30	33	185	181
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	37 631	21 241	34 560	19 351	1 655	1 182	42	42	147	198	2 292	1 134	5 539	2 760
OCCUPATION:														
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	11 201	6 647	10 562	6 114	342	346	11	9	46	41	395	299	1 947	1 188
MACHINE OPERATORS, NOT SPECIFIED	26 430	14 594	23 998	13 237	1 313	836	31	33	101	157	1 897	835	3 592	1 572
INDUSTRY:														
MANUFACTURING	34 513	19 456	31 712	17 682	1 516	1 073	42	42	124	191	2 209	1 101	5 089	2 517
NONDURABLE GOODS	13 446	7 953	12 366	7 433	568	254	14	15	40	86	992	451	2 190	1 044
FOOD AND KINDRED PRODUCTS	1 221	357	1 097	347	78	7	-	-	-	-	172	27	89	16
TOBACCO MANUFACTURES	14	6	14	6	-	-	-	-	-	-	8	-	-	6
TEXTILE MILL PRODUCTS	1 231	543	1 195	523	7	6	-	2	8	6	114	32	141	127
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	343	1 416	282	1 358	46	-	-	-	-	14	19	85	47	96
PAPER AND ALLIED PRODUCTS	4 104	1 760	3 832	1 629	125	70	9	-	7	35	222	77	925	223
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	1 007	826	923	765	35	28	-	7	6	-	64	48	166	138
CHEMICALS AND ALLIED PRODUCTS	1 617	981	1 464	903	70	48	5	-	14	25	114	46	285	168
PETROLEUM AND COAL PRODUCTS	69	-	59	-	-	-	-	-	-	-	10	-	7	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS	3 025	1 326	2 785	1 223	165	68	-	6	5	6	171	81	430	215
LEATHER AND LEATHER PRODUCTS	815	738	715	679	42	27	-	-	-	-	98	55	100	55
DURABLE GOODS	20 540	11 243	18 911	10 030	896	778	28	27	84	105	1 138	643	2 872	1 446
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE	295	39	271	39	-	-	2	-	-	-	28	-	76	4
FURNITURE AND FIXTURES	332	147	306	132	9	11	-	-	-	-	25	4	70	34
STONE, CLAY, GLASS, AND CONCRETE PRODUCTS	893	191	844	184	29	7	-	-	-	-	45	-	193	63
PRIMARY METAL INDUSTRIES	2 256	552	2 134	468	65	65	-	-	-	-	124	58	298	59
BLAST FURNACES, STEELWORKS, ROLLING AND FINISHING MILLS	459	57	438	57	16	-	-	-	-	-	24	8	76	6

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (A) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

MASSACHUSETTS

	THE STATE													
	TOTAL												RURAL	
	TOTAL		WHITE		BLACK		AMER. INDIAN, ESKIMO / ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)			
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS-CON.														
INDUSTRY-CON.														
FABRICATED METAL INDUSTRIES	4 233	1 082	3 940	981	189	79	10	-	5	-	180	47	573	141
MACHINERY, EXCEPT ELECTRICAL	4 266	1 438	4 073	1 280	79	98	11	-	12	27	134	59	786	187
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	2 896	4 262	2 704	3 829	62	243	5	12	38	44	195	298	275	430
TRANSPORTATION EQUIPMENT	1 392	432	1 219	405	116	27	-	-	13	-	93	15	85	20
MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT	272	138	206	121	31	17	-	-	13	-	23	15	29	13
OTHER TRANSPORTATION EQUIPMENT	1 120	294	1 013	284	85	10	-	-	-	-	70	-	56	7
PROFESSIONAL AND PHOTOGRAPHIC EQUIPMENT, AND WATCHES	1 867	1 232	1 652	1 039	144	119	-	10	9	11	112	63	261	221
MISCELLANEOUS MANUFACTURING INDUSTRIES	2 110	1 868	1 768	1 673	203	129	-	5	7	23	202	99	255	287
NOT SPECIFIED MANUFACTURING INDUSTRIES	527	260	435	219	52	41	-	-	-	-	79	7	27	27
NONMANUFACTURING INDUSTRIES	3 118	1 785	2 848	1 669	139	109	-	-	23	7	83	33	450	243
CONSTRUCTION	297	8	274	8	15	-	-	-	8	-	8	-	80	-
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	759	129	707	116	43	13	-	-	9	-	6	-	141	13
WHOLESALE TRADE	573	305	538	291	-	7	-	-	-	7	24	-	55	42
RETAIL TRADE	399	448	394	435	-	13	-	-	-	-	5	9	48	98
BUSINESS AND REPAIR SERVICES	363	195	330	169	18	26	-	-	6	-	9	9	36	20
PUBLIC ADMINISTRATION	177	120	159	120	18	-	-	-	-	-	-	-	28	6
ALL OTHER INDUSTRIES	550	580	446	530	45	50	-	-	-	-	31	15	62	64
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	30 848	32 673	28 399	29 801	1 547	1 600	51	68	156	492	1 324	1 287	4 636	4 038
WELDERS AND CUTTERS	9 255	1 052	8 426	967	635	29	27	-	37	18	245	44	1 742	113
SOLDERERS AND BRAZERS	427	2 483	410	2 253	-	92	-	11	4	27	32	129	42	299
ASSEMBLERS	19 446	28 157	17 936	25 652	892	1 460	24	52	107	433	972	1 088	2 565	3 400
HAND CUTTING AND TRIMMING OCCUPATIONS	122	150	108	123	-	13	-	-	-	14	14	-	37	9
HAND MOLDING, CASTING, AND FORMING OCCUPATIONS	209	191	207	181	-	-	-	-	2	-	-	-	59	58
HAND PAINTING, COATING AND DECORATING OCCUPATIONS	847	279	794	268	12	6	-	5	-	-	34	12	140	98
HAND ENGRAVING AND PRINTING OCCUPATIONS	44	39	44	39	-	-	-	-	-	-	-	-	11	7
HAND GRINDING AND POLISHING OCCUPATIONS	127	14	123	14	-	-	-	-	-	-	21	-	14	-
MISCELLANEOUS HAND WORKING OCCUPATIONS	371	308	351	304	8	-	-	-	6	-	6	14	26	54
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	12 317	14 726	11 664	13 661	344	643	28	55	58	155	398	376	1 793	2 065
PRODUCTION INSPECTORS, CHECKERS, AND EXAMINERS	9 045	12 336	8 639	11 445	222	545	16	55	43	129	256	317	1 404	1 693
PRODUCTION TESTERS	2 418	1 146	2 223	1 060	87	44	12	-	15	17	101	32	277	193
PRODUCTION SAMPLERS AND WEIGHERS	107	138	107	129	-	-	-	-	-	9	-	-	11	23
GRADERS AND SORTERS, EXCEPT AGRICULTURAL	747	1 106	695	1 027	35	54	-	-	-	-	41	27	101	156
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	77 572	8 483	74 050	8 000	2 512	349	105	13	136	24	1 229	165	13 949	2 001
MOTOR VEHICLE OPERATORS	58 525	6 705	55 831	6 324	2 053	309	81	13	124	11	802	82	9 900	1 724
SUPERVISORS, MOTOR VEHICLE OPERATORS	604	27	588	27	9	-	-	-	-	-	7	-	64	7
TRUCK DRIVERS, HEAVY	29 144	530	28 173	471	658	40	59	-	34	-	357	19	5 905	86
TRUCK DRIVERS, LIGHT	13 298	526	12 912	526	259	-	9	-	62	-	136	5	2 062	41
DRIVER-SALES WORKERS	3 882	226	3 843	226	32	-	-	-	-	-	32	-	592	49
BUS DRIVERS	5 706	4 847	5 032	4 554	560	246	13	7	-	11	190	50	856	1 458
TAXICAB DRIVERS AND CHAUFFEURS	4 946	501	4 430	472	478	23	-	6	14	-	63	8	352	83
PARKING LOT ATTENDANTS	840	42	764	42	49	-	-	-	14	-	9	-	54	-
MOTOR TRANSPORTATION OCCUPATIONS, N.E.C.	105	6	89	6	8	-	-	-	-	-	8	-	15	-
RAIL TRANSPORTATION OCCUPATIONS	1 868	36	1 804	36	39	-	6	-	-	-	28	3	334	-
RAILROAD CONDUCTORS AND YARDMASTERS	444	-	434	-	-	-	6	-	-	-	4	-	102	-
LOCOMOTIVE OPERATING OCCUPATIONS	912	16	867	16	30	-	-	-	-	-	19	3	153	-
RAILROAD BRAKE, SIGNAL, AND SWITCH OPERATORS	297	-	288	-	9	-	-	-	-	-	5	-	58	-
RAIL VEHICLE OPERATORS, N.E.C.	215	20	215	20	-	-	-	-	-	-	-	-	21	-
WATER TRANSPORTATION OCCUPATIONS	1 138	25	1 069	25	33	-	-	-	-	-	39	-	353	14
SHIP CAPTAINS AND MATES, EXCEPT FISHING BOATS	485	6	485	6	-	-	-	-	-	-	12	-	186	6
SAILORS AND DECKHANDS	479	8	417	8	33	-	-	-	-	-	12	-	126	8
MARINE ENGINEERS	50	-	50	-	-	-	-	-	-	-	-	-	11	-
BRIDGE, LOCK, AND LIGHTHOUSE TENDERS	124	11	117	11	-	-	-	-	-	-	15	-	30	-
MATERIAL MOVING EQUIPMENT OPERATORS	16 041	1 717	15 346	1 615	387	40	18	-	12	13	360	80	3 362	263
SUPERVISORS, MATERIAL MOVING EQUIPMENT OPERATORS	455	36	449	36	-	-	-	-	6	-	-	-	94	14
OPERATING ENGINEERS	3 161	12	3 085	12	45	-	6	-	-	-	30	-	949	2
LONGSHORE EQUIPMENT OPERATORS	35	5	35	5	-	-	-	-	-	-	-	-	15	-
HOIST AND WINCH OPERATORS	136	16	122	16	14	-	-	-	-	-	-	-	40	1
CRANE AND TOWER OPERATORS	1 025	33	978	33	32	-	7	-	-	-	14	-	218	6
EXCAVATING AND LOADING MACHINE OPERATORS	911	35	865	28	28	7	-	-	-	-	12	-	333	3
GRADER, DOZER, AND SCRAPER OPERATORS	486	-	486	-	-	-	-	-	-	-	6	-	200	-
INDUSTRIAL TRUCK AND TRACTOR EQUIPMENT OPERATORS	5 649	175	5 373	175	172	-	-	-	6	-	104	-	963	46
MISCELLANEOUS MATERIAL MOVING EQUIPMENT OPERATORS	4 183	1 405	3 953	1 310	96	33	5	-	-	13	194	80	550	191

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MASSACHUSETTS

	THE STATE													
	TOTAL												RURAL	
	TOTAL		WHITE		BLACK		AMER. INDIAN, ESKIMO / ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)			
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	71 330	22 283	67 848	21 001	2 190	722	162	26	159	154	1 757	702	9 924	3 076
SUPERVISORS; HANDLERS, EQUIPMENT CLEANERS, AND LABORERS, N.E.C.	111	-	96	-	15	-	-	-	-	-	-	-	7	-
HELPERS, MECHANICS AND REPAIRERS	281	10	275	10	-	-	-	-	-	-	6	-	43	-
HELPERS, CONSTRUCTION AND EXTRACTIVE OCCUPATIONS	1 952	43	1 911	43	20	-	16	-	-	-	17	-	343	8
HELPERS, CONSTRUCTION TRADES	1 660	43	1 619	43	20	-	16	-	-	-	12	-	295	8
HELPERS, SURVEYOR	226	-	226	-	-	-	-	-	-	-	5	-	43	-
HELPERS, EXTRACTIVE OCCUPATIONS	66	-	66	-	-	-	-	-	-	-	-	-	5	-
CONSTRUCTION LABORERS	9 856	221	9 300	204	364	17	52	-	17	-	172	5	1 665	41
PRODUCTION HELPERS	2 013	343	1 893	293	88	32	-	-	8	6	49	7	263	42
FREIGHT, STOCK, AND MATERIAL HANDLERS	26 401	4 350	25 290	4 116	675	136	64	-	51	34	516	89	3 124	674
GARBAGE COLLECTORS	1 254	22	1 097	22	80	-	5	-	-	-	81	-	153	5
STEVEDORES	278	-	263	-	-	-	-	-	-	-	23	-	17	-
STOCK HANDLERS AND BAGGERS	15 735	3 244	15 236	3 099	319	97	37	-	46	16	182	37	1 944	554
MACHINE FEEDERS AND OFFBEARERS	1 120	765	1 080	717	9	14	-	-	-	8	70	38	147	76
FREIGHT, STOCK, AND MATERIAL HANDLERS, N.E.C.	8 014	319	7 614	278	267	25	22	-	5	10	160	14	863	39
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	5 871	318	5 749	307	68	-	-	-	20	-	73	17	1 149	54
VEHICLE WASHERS AND EQUIPMENT CLEANERS	2 189	334	2 020	297	113	6	-	-	7	24	90	12	269	34
HAND PACKERS AND PACKAGERS	6 022	12 654	5 558	11 899	273	422	8	15	24	76	321	458	834	1 579
LABORERS, EXCEPT CONSTRUCTION	16 634	4 010	15 756	3 832	574	109	22	11	32	14	513	114	2 227	644
MANUFACTURING	5 999	1 894	5 615	1 808	235	53	10	3	5	5	355	71	803	335
NONDURABLE GOODS	2 790	1 070	2 645	1 016	78	33	3	-	5	5	158	30	287	132
FOOD AND KINDRED PRODUCTS	541	79	490	69	24	10	-	-	5	-	22	-	62	10
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	598	340	572	333	-	7	-	-	-	-	60	-	64	33
PAPER AND ALLIED PRODUCTS	390	117	379	107	11	-	-	-	-	-	21	18	68	19
CHEMICALS AND ALLIED PRODUCTS	308	119	302	107	6	7	-	-	-	5	20	-	14	12
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS	266	34	258	34	8	-	-	-	-	-	9	5	18	3
OTHER NONDURABLE GOODS	687	381	644	366	29	9	3	-	-	-	26	7	61	55
DURABLE GOODS	3 044	800	2 831	768	131	20	7	3	-	-	172	41	510	194
FURNITURE, LUMBER, AND WOOD PRODUCTS	224	44	194	44	19	-	-	-	-	-	-	-	58	18
STONE, CLAY, GLASS, AND CONCRETE PRODUCTS	373	24	347	24	26	-	-	-	-	-	7	-	83	-
PRIMARY METAL INDUSTRIES	343	27	319	27	16	-	-	-	-	-	39	-	72	-
FABRICATED METAL INDUSTRIES	576	102	555	96	8	6	-	-	-	-	34	-	61	11
MACHINERY, EXCEPT ELECTRICAL	575	89	507	89	36	-	7	-	-	-	40	-	85	10
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	186	165	178	148	8	8	-	-	-	-	-	27	62	48
TRANSPORTATION EQUIPMENT	265	37	253	37	-	-	-	-	-	-	12	-	30	22
MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT	57	9	57	9	-	-	-	-	-	-	-	-	19	-
OTHER DURABLE GOODS	502	312	478	303	18	6	-	3	-	-	40	14	59	85
NOT SPECIFIED MANUFACTURING INDUSTRIES	165	24	139	24	26	-	-	-	-	-	25	-	6	9
NONMANUFACTURING INDUSTRIES	10 635	2 116	10 141	2 024	339	56	12	8	27	9	158	43	1 424	309
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	2 232	140	2 108	135	101	5	2	-	-	-	23	5	291	29
WHOLESALE TRADE	3 200	645	3 109	640	48	-	-	-	-	5	39	-	385	102
RETAIL TRADE	2 238	579	2 171	541	49	26	10	-	-	-	4	17	298	78
BUSINESS AND REPAIR SERVICES	558	62	519	62	26	-	-	-	13	-	-	-	109	9
PUBLIC ADMINISTRATION	1 081	107	996	101	70	6	-	-	-	-	15	-	97	12
ALL OTHER INDUSTRIES	1 326	583	1 238	545	45	19	-	8	14	4	77	21	244	79

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

BOSTON, MA SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
EMPLOYED PERSONS 16 YEARS AND OVER	728 468	607 752	681 318	562 926	30 814	31 966	861	722	10 148	8 044	12 657	10 497
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	236 542	164 476	225 605	155 173	5 777	6 177	134	197	4 200	2 191	2 443	2 047
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	114 852	51 441	110 548	48 304	2 699	2 047	56	76	1 281	770	895	623
LEGISLATORS, CHIEF EXECUTIVES AND GENERAL ADMINISTRATORS; PUBLIC ADMINISTRATION	624	153	558	153	59	-	-	-	7	-	-	-
ADMINISTRATORS AND OFFICIALS, PUBLIC ADMINISTRATION	3 049	1 883	2 889	1 670	147	134	-	9	13	34	39	56
FEDERAL	989	393	941	357	41	28	-	-	7	-	28	18
STATE	1 060	808	998	731	62	41	-	-	-	18	11	28
LOCAL	1 000	682	950	582	44	65	-	9	6	16	-	10
ADMINISTRATORS, PROTECTIVE SERVICES	307	7	285	7	22	-	-	-	-	-	-	-
FINANCIAL MANAGERS	5 537	2 409	5 404	2 333	70	61	-	-	56	15	20	25
PERSONNEL AND LABOR RELATIONS MANAGERS	2 097	1 448	1 998	1 378	88	65	5	-	6	5	12	37
PURCHASING MANAGERS	1 037	178	1 037	157	-	14	-	-	-	7	6	-
MANAGERS, MARKETING, ADVERTISING, AND PUBLIC RELATIONS	9 985	2 314	9 849	2 269	78	18	-	9	37	3	60	18
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	4 080	3 683	3 770	3 342	255	267	-	-	45	44	49	47
MANAGERS, MEDICINE AND HEALTH	1 336	1 576	1 273	1 453	52	100	-	8	11	6	6	18
MANAGERS, PROPERTIES AND REAL ESTATE	1 797	675	1 682	660	82	15	-	-	-	-	53	-
POSTMASTERS AND MAIL SUPERINTENDENTS	46	23	46	23	-	-	-	-	-	-	-	-
FUNERAL DIRECTORS	439	19	432	19	7	-	-	-	-	-	-	-
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	50 792	19 965	48 960	19 009	892	552	26	26	786	315	380	237
CONSTRUCTION	2 174	217	2 121	206	41	11	-	-	-	-	18	-
MANUFACTURING	15 154	2 881	14 918	2 782	105	51	-	-	124	34	54	35
NONDURABLE GOODS	4 790	1 261	4 719	1 240	37	21	-	-	34	-	12	21
DURABLE GOODS	10 364	1 620	10 199	1 542	68	30	-	-	90	34	42	14
TRANSPORTATION	1 891	458	1 817	452	61	6	-	-	13	-	8	-
COMMUNICATIONS, UTILITIES AND SANITARY SERVICES	1 531	817	1 470	766	48	51	-	-	-	-	19	-
WHOLESALE TRADE	3 725	938	3 679	922	32	6	-	10	6	-	23	10
RETAIL TRADE	8 474	3 123	7 926	2 942	146	55	16	9	366	117	60	25
GENERAL MERCHANDISE STORES	480	296	480	278	-	18	-	-	-	-	-	-
FOOD, BAKERY, AND DAIRY STORES	827	200	793	200	22	-	-	-	12	-	-	-
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	675	171	671	165	4	6	-	-	-	-	12	-
EATING AND DRINKING PLACES	3 788	1 303	3 340	1 152	96	31	12	3	320	117	48	19
OTHER RETAIL TRADE	2 704	1 153	2 642	1 147	24	-	4	6	34	-	-	6
FINANCE, INSURANCE, AND REAL ESTATE	4 224	2 218	4 102	2 157	78	46	-	-	44	15	17	-
BUSINESS AND REPAIR SERVICES	4 322	1 833	4 157	1 785	116	36	10	-	24	12	39	9
PERSONAL SERVICES	1 086	450	1 040	443	22	-	-	-	18	7	6	18
ALL OTHER INDUSTRIES	8 211	7 030	7 730	6 554	243	290	-	7	191	130	136	140
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	3 387	834	3 294	813	39	-	-	-	34	15	33	6
CONSTRUCTION	626	26	618	26	8	-	-	-	-	-	-	-
MANUFACTURING	407	102	407	102	-	-	-	-	-	-	6	-
NONDURABLE GOODS	180	51	180	51	-	-	-	-	-	-	-	-
DURABLE GOODS	227	51	227	51	-	-	-	-	-	-	6	-
TRANSPORTATION	125	5	125	5	-	-	-	-	-	-	-	-
COMMUNICATIONS, UTILITIES AND SANITARY SERVICES	-	5	-	5	-	-	-	-	-	-	-	-
WHOLESALE TRADE	127	27	120	27	-	-	-	-	7	-	-	-
RETAIL TRADE	1 035	282	980	261	16	-	-	-	19	15	27	6
GENERAL MERCHANDISE STORES	20	8	20	8	-	-	-	-	-	-	-	-
FOOD, BAKERY, AND DAIRY STORES	31	20	31	20	-	-	-	-	-	-	-	-
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	42	-	35	-	7	-	-	-	-	-	-	-
EATING AND DRINKING PLACES	717	164	669	143	9	-	-	-	19	15	27	6
OTHER RETAIL TRADE	225	90	225	90	-	-	-	-	-	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE	233	47	233	47	-	-	-	-	-	-	-	-
BUSINESS AND REPAIR SERVICES	340	121	340	121	-	-	-	-	-	-	-	-
PERSONAL SERVICES	263	51	240	51	15	-	-	-	8	-	-	-
ALL OTHER INDUSTRIES	231	168	231	168	-	-	-	-	-	-	-	-
MANAGEMENT RELATED OCCUPATIONS	30 339	16 274	29 071	15 018	908	821	25	24	286	326	237	179
ACCOUNTANTS AND AUDITORS	13 292	5 262	12 779	4 811	330	241	15	-	153	204	123	31
UNDERWRITERS	285	500	256	461	21	31	-	-	8	-	-	14
OTHER FINANCIAL OFFICERS	3 889	2 657	3 797	2 461	50	140	-	7	36	41	29	20
MANAGEMENT ANALYSTS	2 478	684	2 393	625	50	38	4	-	26	15	10	6
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	3 168	3 634	2 857	3 329	255	227	6	-	27	26	48	88
PURCHASING AGENTS AND BUYERS, FARM PRODUCTS	200	7	200	7	-	-	-	-	-	-	-	-
BUYERS, WHOLESALE AND RETAIL TRADE EXCEPT FARM PRODUCTS	1 944	1 367	1 931	1 338	13	23	-	-	-	6	10	-
PURCHASING AGENTS AND BUYERS, N.E.C.	1 890	1 094	1 828	1 018	56	57	-	7	6	7	-	7
BUSINESS AND PROMOTION AGENTS	214	132	214	132	-	-	-	-	-	-	6	-
CONSTRUCTION INSPECTORS	793	37	718	31	75	6	-	-	-	-	5	6
INSPECTORS AND COMPLIANCE OFFICERS, EXC. CONSTRUCTION	1 812	419	1 724	354	58	28	-	10	30	27	6	-
MANAGEMENT RELATED OCCUPATIONS, N.E.C.	374	481	374	451	-	30	-	-	-	-	-	7
PROFESSIONAL SPECIALTY OCCUPATIONS	121 690	113 035	115 057	106 869	3 078	4 130	98	121	2 919	1 421	1 548	1 424
ENGINEERS, ARCHITECTS, AND SURVEYORS	30 287	1 577	28 660	1 493	572	42	14	-	970	42	321	29
ARCHITECTS	2 381	400	2 306	378	22	14	-	-	53	8	14	7
ENGINEERS	27 754	1 167	26 202	1 105	550	28	14	-	917	34	307	22
AEROSPACE	1 120	46	1 065	46	27	-	-	-	28	-	34	-
METALLURGICAL AND MATERIALS	269	12	234	12	7	-	-	-	19	-	6	-
MINING	16	14	16	14	-	-	-	-	-	-	-	-
PETROLEUM	6	-	6	-	-	-	-	-	-	-	-	-
CHEMICAL	653	33	595	29	7	4	-	-	41	-	17	-
NUCLEAR	126	7	117	7	-	-	-	-	9	-	-	-
CIVIL	4 338	128	4 138	116	41	6	-	-	159	6	55	-
AGRICULTURAL	44	-	44	-	-	-	-	-	-	-	-	-
ELECTRICAL AND ELECTRONIC	8 161	310	7 661	303	199	-	-	-	286	7	87	-
INDUSTRIAL	2 676	354	2 543	336	94	18	9	-	15	-	6	22
MECHANICAL	4 130	100	3 931	94	54	-	-	-	123	6	58	-
MARINE AND NAVAL ARCHITECTS	258	8	250	8	-	-	-	-	8	-	-	-
ENGINEERS, N.E.C.	5 957	155	5 602	140	121	-	5	-	229	15	44	-
SURVEYORS AND MAPPING SCIENTISTS	152	10	152	10	-	-	-	-	-	-	-	-

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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BOSTON, MA SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
MATHEMATICAL AND COMPUTER SCIENTISTS	6 003	2 491	5 600	2 400	199	62	-	-	170	29	54	66
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	4 185	1 274	3 930	1 229	135	26	-	-	104	19	26	30
OPERATIONS AND SYSTEMS RESEARCHERS AND ANALYSTS	1 197	773	1 088	727	64	36	-	-	45	10	-	23
ACTUARIES	180	121	180	121	-	-	-	-	-	-	-	-
STATISTICIANS	286	310	258	310	-	-	-	-	17	-	11	13
MATHEMATICAL SCIENTISTS, N.E.C.	155	13	144	13	-	-	-	-	4	-	17	-
NATURAL SCIENTISTS	4 328	1 508	3 955	1 368	74	14	13	-	272	113	20	11
PHYSICISTS AND ASTRONOMERS	1 001	51	915	51	9	-	13	-	50	-	-	-
CHEMISTS, EXCEPT BIOCHEMISTS	1 521	446	1 346	403	61	6	-	-	114	37	13	5
ATMOSPHERIC AND SPACE SCIENTISTS	86	19	81	19	-	-	-	-	5	-	-	-
GEOLOGISTS AND GEODESISTS	200	30	194	30	-	-	-	-	6	-	-	-
PHYSICAL SCIENTISTS, N.E.C.	148	70	138	70	4	-	-	-	6	-	-	-
AGRICULTURAL AND FOOD SCIENTISTS	195	44	195	44	-	-	-	-	-	-	-	-
BIOLOGICAL AND LIFE SCIENTISTS	824	550	744	514	-	-	-	-	80	36	7	6
FORESTRY AND CONSERVATION SCIENTISTS	72	19	72	11	-	8	-	-	-	-	-	-
MEDICAL SCIENTISTS	281	279	270	226	-	-	-	-	11	40	-	-
HEALTH DIAGNOSING OCCUPATIONS	12 083	2 226	11 346	1 965	171	53	13	-	533	208	167	31
PHYSICIANS	8 933	1 902	8 301	1 670	130	38	-	-	492	194	144	11
DENTISTS	2 065	164	1 974	149	41	15	13	-	27	-	8	20
VETERINARIANS	257	70	250	70	-	-	-	-	7	-	8	-
OPTOMETRISTS	414	63	414	49	-	-	-	-	-	14	-	-
PODIATRISTS	230	-	230	-	-	-	-	-	-	-	-	-
HEALTH DIAGNOSING PRACTITIONERS, N.E.C.	184	27	177	27	-	-	-	-	7	-	7	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	3 991	31 340	3 706	29 858	172	1 004	7	45	72	362	59	254
REGISTERED NURSES	831	25 782	797	24 724	31	748	-	35	3	245	12	145
PHARMACISTS	1 919	447	1 820	421	63	3	-	-	36	11	6	31
DIETITIANS	146	1 391	94	1 161	23	148	-	6	16	64	13	40
THERAPISTS	975	3 618	880	3 472	50	92	7	4	17	33	28	38
INHALATION THERAPISTS	441	358	411	344	6	14	7	-	17	-	7	-
OCCUPATIONAL THERAPISTS	26	666	26	638	-	23	-	-	-	5	-	-
PHYSICAL THERAPISTS	122	1 158	116	1 106	6	22	-	4	-	17	-	16
SPEECH THERAPISTS	73	818	62	796	11	14	-	-	-	-	-	13
THERAPISTS, N.E.C.	313	618	265	588	27	19	-	-	-	11	21	9
PHYSICIANS' ASSISTANTS	120	102	115	80	5	13	-	-	-	9	-	-
TEACHERS, POSTSECONDARY	9 851	5 710	9 177	5 271	232	210	-	6	376	158	153	173
BIOLOGICAL SCIENCE TEACHERS	179	95	179	84	-	-	-	6	-	5	-	-
CHEMISTRY TEACHERS	158	41	140	29	-	-	-	-	6	12	26	-
PHYSICS TEACHERS	187	6	170	6	-	-	-	-	17	-	-	-
OTHER NATURAL SCIENCE TEACHERS	19	7	19	7	-	-	-	-	-	-	-	-
PSYCHOLOGY TEACHERS	63	82	63	82	-	-	-	-	-	-	-	-
ECONOMICS TEACHERS	182	37	172	37	-	-	-	-	10	-	6	-
HISTORY TEACHERS	82	28	77	28	-	-	-	-	5	-	-	-
OTHER SOCIAL SCIENCE TEACHERS	139	58	139	47	-	-	-	-	-	-	-	11
ENGINEERING TEACHERS	145	21	118	14	6	-	-	-	21	-	-	-
MATHEMATICAL AND COMPUTER SCIENCE TEACHERS	349	166	306	146	-	-	-	-	28	20	21	4
MEDICAL SCIENCE TEACHERS	111	26	105	26	-	-	-	-	6	-	-	-
HEALTH SPECIALTIES TEACHERS	39	344	39	334	-	10	-	-	-	-	-	6
BUSINESS, COMMERCE, AND MARKETING TEACHERS	34	44	34	31	-	13	-	-	-	-	-	-
ART, DRAMA, AND MUSIC TEACHERS	320	290	302	267	18	10	-	-	-	13	-	-
ENGLISH TEACHERS	219	260	219	254	-	6	-	-	-	-	-	-
FOREIGN LANGUAGE TEACHERS	76	197	70	177	-	6	-	-	6	6	-	41
OTHER SPECIFIED TEACHERS	359	170	351	153	-	10	-	-	8	7	12	-
POSTSECONDARY TEACHERS, SUBJECT NOT SPECIFIED	7 190	3 838	6 674	3 549	208	155	-	-	269	95	88	111
TEACHERS, EXCEPT POSTSECONDARY	17 565	38 080	16 826	36 164	516	1 483	27	14	123	226	207	513
TEACHERS, PREKINDERGARTEN AND KINDERGARTEN	155	2 792	121	2 500	30	219	-	-	-	24	11	50
TEACHERS, ELEMENTARY SCHOOL	8 937	23 564	8 567	22 443	296	873	6	7	41	128	68	312
TEACHERS, SECONDARY SCHOOL	6 018	7 561	5 854	7 291	111	225	-	-	25	22	60	120
TEACHERS, SPECIAL EDUCATION	104	358	104	325	-	33	-	-	-	-	-	-
TEACHERS, N.E.C.	2 351	3 805	2 180	3 605	79	133	21	7	57	52	68	31
COUNSELORS, EDUCATIONAL AND VOCATIONAL	1 578	2 197	1 470	1 943	89	216	-	-	19	23	42	21
LIBRARIANS, ARCHIVISTS, AND CURATORS	1 202	3 687	1 115	3 402	43	183	-	6	35	71	21	35
LIBRARIANS	905	3 445	827	3 169	43	183	-	6	35	71	5	35
ARCHIVISTS AND CURATORS	297	242	288	233	-	-	-	-	-	-	16	-
SOCIAL SCIENTISTS AND URBAN PLANNERS	3 624	2 716	3 452	2 606	66	66	-	8	98	31	31	44
ECONOMISTS	1 814	953	1 729	916	30	23	-	-	55	9	11	12
PSYCHOLOGISTS	1 286	1 506	1 231	1 452	21	30	-	8	26	16	20	27
SOCIOLOGISTS	76	35	54	35	15	-	-	-	7	-	-	-
SOCIAL SCIENTISTS, N.E.C.	146	121	146	110	-	5	-	-	-	6	-	-
URBAN PLANNERS	302	101	292	93	-	8	-	-	10	-	-	5
SOCIAL, RECREATION, AND RELIGIOUS WORKERS	5 721	7 981	5 188	7 302	375	523	10	8	38	79	202	143
SOCIAL WORKERS	3 161	6 711	2 772	6 112	272	469	10	8	8	64	149	124
RECREATION WORKERS	260	510	218	448	42	43	-	-	-	8	5	14
CLERGY	2 040	256	1 938	250	61	6	-	-	30	-	48	-
RELIGIOUS WORKERS, N.E.C.	260	504	260	492	-	5	-	-	-	7	-	5
LAWYERS AND JUDGES	10 468	2 128	10 199	2 013	203	86	7	12	25	-	42	26
LAWYERS	10 092	2 059	9 868	1 948	164	82	7	12	25	-	31	26
JUDGES	376	69	331	65	39	4	-	-	-	-	11	-
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	14 989	11 394	14 363	11 084	366	188	7	22	188	79	229	78
AUTHORS	570	545	545	545	8	-	-	-	17	-	5	-
TECHNICAL WRITERS	908	616	858	611	34	5	7	-	4	-	7	-
DESIGNERS	3 461	2 557	3 356	2 489	14	32	-	7	69	22	56	4
MUSICIANS AND COMPOSERS	1 932	636	1 768	620	127	-	-	-	37	16	19	-
ACTORS AND DIRECTORS	544	372	531	360	13	12	-	-	-	-	-	19
PAINTERS, SCULPTORS, CRAFT-ARTISTS, AND ARTIST PRINTMAKERS	1 288	1 442	1 266	1 420	11	22	-	-	11	-	34	6
PHOTOGRAPHERS	1 347	371	1 322	371	16	-	-	-	-	-	15	-
DANCERS	65	96	54	96	11	-	-	-	-	-	-	-
ARTISTS, PERFORMERS AND RELATED WORKERS, N.E.C.	454	357	418	329	12	19	-	9	10	-	22	-
EDITORS AND REPORTERS	2 189	2 859	2 129	2 730	11	68	-	6	34	41	52	38
PUBLIC RELATIONS SPECIALISTS	1 212	1 325	1 175	1 295	31	30	-	-	6	-	19	11
ANNOUNCERS	419	64	381	64	38	-	-	-	-	-	-	-
ATHLETES	600	154	560	154	40	-	-	-	-	-	-	-

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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BOSTON, MA SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	165 264	291 837	155 065	274 031	6 953	13 503	187	269	2 140	2 831	2 353	3 642
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	30 192	22 371	27 572	20 491	1 240	1 246	85	44	1 072	498	524	284
HEALTH TECHNOLOGISTS AND TECHNICIANS	3 167	12 711	2 740	11 686	198	739	12	38	163	205	101	170
CLINICAL LABORATORY TECHNOLOGISTS AND TECHNICIANS	1 096	3 713	868	3 404	116	167	-	7	83	123	76	50
DENTAL HYGIENISTS	16	954	16	942	-	-	-	-	-	12	-	-
HEALTH RECORD TECHNOLOGISTS AND TECHNICIANS	31	207	31	202	-	-	-	-	-	5	-	5
RADIOLOGIC TECHNICIANS	336	1 269	322	1 205	8	30	-	8	6	14	-	28
LICENSED PRACTICAL NURSES	226	4 843	205	4 362	16	415	5	23	-	29	-	74
HEALTH TECHNOLOGISTS AND TECHNICIANS, N.E.C.	1 462	1 725	1 298	1 571	58	127	7	-	74	22	25	13
ENGINEERING AND RELATED TECHNOLOGISTS AND TECHNICIANS	12 757	2 518	11 847	2 280	525	152	49	-	261	71	218	29
ELECTRICAL AND ELECTRONIC TECHNICIANS	4 509	623	4 109	561	198	39	27	-	134	23	132	14
INDUSTRIAL ENGINEERING TECHNICIANS	40	-	30	-	10	-	-	-	-	-	-	-
MECHANICAL ENGINEERING TECHNICIANS	304	34	299	34	-	-	-	-	-	-	5	-
ENGINEERING TECHNICIANS, N.E.C.	3 155	1 165	3 035	1 070	97	66	-	-	19	14	13	15
DRAFTING OCCUPATIONS	4 348	674	3 993	599	203	47	22	-	108	28	65	-
SURVEYING AND MAPPING TECHNICIANS	401	22	381	16	17	-	-	-	-	6	3	-
SCIENCE TECHNICIANS	1 589	783	1 422	701	82	64	-	-	68	5	44	24
BIOLOGICAL TECHNICIANS	209	143	191	130	12	-	-	-	-	-	6	6
CHEMICAL TECHNICIANS	759	210	648	177	65	28	-	-	42	5	18	6
SCIENCE TECHNICIANS, N.E.C.	621	430	583	394	5	36	-	-	26	-	20	12
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	12 679	6 359	11 563	5 824	435	291	24	6	580	217	161	61
AIRPLANE PILOTS AND NAVIGATORS	371	-	371	-	-	-	-	-	-	-	3	-
AIR TRAFFIC CONTROLLERS	197	61	187	51	-	10	-	-	-	-	22	-
BROADCAST EQUIPMENT OPERATORS	575	191	550	167	25	24	-	-	-	-	-	-
COMPUTER PROGRAMMERS	5 429	2 695	4 994	2 511	204	98	11	-	198	82	70	15
TOOL PROGRAMMERS, NUMERICAL CONTROL	180	33	171	33	-	-	-	-	9	-	-	-
LEGAL ASSISTANTS	347	904	336	868	5	28	-	-	6	-	-	12
TECHNICIANS, N.E.C.	5 580	2 475	4 954	2 194	201	131	13	6	367	135	66	34
SALES OCCUPATIONS	67 057	61 115	64 655	58 795	1 750	1 523	21	77	433	534	643	624
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS, SALARIED	10 630	4 249	10 355	4 145	135	79	-	-	102	19	107	12
MANUFACTURING	782	113	771	113	6	-	-	-	5	-	-	-
WHOLESALE TRADE	1 182	149	1 168	149	5	-	-	-	9	-	13	-
RETAIL TRADE	7 724	3 689	7 481	3 598	117	79	-	-	88	6	83	12
ALL OTHER INDUSTRIES	942	298	935	285	7	-	-	-	-	13	11	-
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS, SELF-EMPLOYED	2 783	852	2 691	817	51	14	-	-	41	15	51	12
MANUFACTURING	6	-	6	-	-	-	-	-	-	-	-	-
WHOLESALE TRADE	394	46	382	46	12	-	-	-	-	-	-	-
RETAIL TRADE	2 215	792	2 150	757	24	14	-	-	41	15	51	12
ALL OTHER INDUSTRIES	168	14	153	14	15	-	-	-	-	-	-	-
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	15 935	9 380	15 550	9 083	279	190	16	20	62	63	65	100
INSURANCE SALES OCCUPATIONS	5 511	2 711	5 364	2 544	113	110	6	14	23	43	24	12
REAL ESTATE SALES OCCUPATIONS	2 902	2 934	2 819	2 891	55	28	5	-	-	3	17	27
SECURITIES AND FINANCIAL SERVICES SALES OCCUPATIONS	2 501	730	2 456	700	16	16	5	-	24	9	6	19
ADVERTISING AND RELATED SALES OCCUPATIONS	1 080	767	1 048	767	32	-	-	-	-	-	-	-
SALES OCCUPATIONS, OTHER BUSINESS SERVICES	3 941	2 238	3 863	2 181	63	36	-	6	15	8	18	42
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	16 014	2 730	15 789	2 665	186	35	-	-	32	24	50	19
SALES ENGINEERS	1 076	61	1 062	61	14	-	-	-	-	-	-	-
SALES REPRESENTATIVES, MINING, MANUFACTURING, AND WHOLESALE	14 938	2 669	14 727	2 604	172	35	-	-	32	24	50	19
WHOLESALE TRADE	10 284	1 677	10 139	1 617	111	30	-	-	27	24	31	19
SALES WORKERS, RETAIL AND PERSONAL SERVICES	21 583	43 778	20 172	41 968	1 085	1 205	5	57	196	404	370	481
SALES WORKERS, MOTOR VEHICLES AND BOATS	1 869	92	1 760	92	66	-	-	-	14	-	44	-
SALES WORKERS, APPAREL	1 399	6 288	1 196	5 998	176	225	-	20	15	38	45	52
SALES WORKERS, SHOES	756	705	742	697	-	8	-	-	-	-	26	-
SALES WORKERS, FURNITURE AND HOME FURNISHINGS	1 010	722	997	701	13	4	-	-	-	12	-	16
SALES WORKERS, RADIO, TV, HI-FI, AND APPLIANCES	1 023	255	986	255	32	-	-	-	5	-	-	-
SALES WORKERS, HARDWARE AND BUILDING SUPPLIES	1 224	296	1 210	296	14	-	-	-	-	-	4	-
SALES WORKERS, PARTS	1 473	72	1 458	72	6	-	-	-	-	-	24	7
SALES WORKERS, OTHER COMMODITIES	6 334	15 639	5 956	15 185	291	345	-	4	45	84	120	130
RETAIL TRADE	6 068	15 308	5 697	14 861	291	338	-	4	38	84	113	106
PERSONAL, BUSINESS AND REPAIR SERVICES	35	69	35	69	-	-	-	-	-	-	-	8
ALL OTHER INDUSTRIES	231	262	224	255	-	7	-	-	7	-	7	16
SALES COUNTER CLERKS	396	1 097	370	1 042	22	35	-	-	4	6	-	14
CASHIERS	4 452	17 090	3 950	16 191	366	525	5	27	112	257	102	233
STREET AND DOOR-TO-DOOR SALES WORKERS	790	1 237	704	1 154	86	63	-	6	-	7	-	29
NEWS VENDORS	857	285	843	285	13	-	-	-	1	-	5	-
SALES RELATED OCCUPATIONS	112	126	98	117	14	-	-	-	-	9	-	-
DEMONSTRATORS, PROMOTERS AND MODELS, SALES	7	58	7	49	-	-	-	-	-	9	-	-
AUCTIONEERS	35	-	35	-	-	-	-	-	-	-	-	-
SALES SUPPORT OCCUPATIONS, N.E.C.	70	68	56	68	14	-	-	-	-	-	-	-
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	68 015	208 351	62 838	194 745	3 963	10 734	81	148	635	1 799	1 186	2 734
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	9 888	9 435	9 339	8 826	447	556	7	-	84	38	66	95
SUPERVISORS, GENERAL OFFICE	4 426	7 005	4 070	6 519	298	449	7	-	40	22	56	90
SUPERVISORS, COMPUTER EQUIPMENT OPERATORS	684	285	667	270	17	11	-	-	-	4	-	-
SUPERVISORS, FINANCIAL RECORDS PROCESSING	1 584	1 468	1 542	1 427	22	29	-	-	20	12	-	5
CHIEF COMMUNICATIONS OPERATORS	738	261	720	236	-	25	-	-	18	-	-	-
SUPERVISORS; DISTRIBUTION, SCHEDULING, AND ADJUSTING CLERKS	2 456	416	2 340	374	110	42	-	-	6	-	10	-

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TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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BOSTON, MA SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
COMPUTER EQUIPMENT OPERATORS	3 313	3 747	2 912	3 446	307	207	7	19	61	58	108	19
COMPUTER OPERATORS	3 256	3 623	2 855	3 328	307	201	7	19	61	58	108	19
PERIPHERAL EQUIPMENT OPERATORS	57	124	57	118	-	6	-	-	-	-	-	-
SECRETARIES, STENOGRAPHERS, AND TYPISTS	1 322	78 147	1 161	74 244	61	3 160	-	44	62	412	54	882
SECRETARIES	766	65 531	665	62 717	44	2 277	-	20	32	313	35	676
STENOGRAPHERS	104	805	104	789	-	7	-	-	-	9	-	-
TYPISTS	452	11 811	392	10 738	17	876	-	24	30	90	19	206
INFORMATION CLERKS	2 498	10 169	2 205	9 415	209	533	6	7	38	126	53	207
INTERVIEWERS	492	1 477	418	1 386	59	81	-	-	-	10	20	-
HOTEL CLERKS	292	332	238	325	33	7	6	-	6	-	9	7
TRANSPORTATION TICKET AND RESERVATION AGENTS	904	1 044	864	953	27	48	-	-	13	28	12	42
RECEPTIONISTS	478	6 156	376	5 716	77	329	-	7	9	54	12	115
INFORMATION CLERKS, N.E.C.	332	1 160	309	1 035	13	68	-	-	10	34	-	43
RECORDS PROCESSING OCCUPATIONS, EXCEPT FINANCIAL	4 286	13 663	3 861	12 304	282	1 055	-	-	93	171	83	301
CLASSIFIED-AD CLERKS	58	195	58	183	-	12	-	-	-	-	-	-
CORRESPONDENCE CLERKS	79	400	62	384	11	7	-	-	6	9	-	-
ORDER CLERKS	1 509	3 342	1 359	3 146	119	180	-	-	14	6	27	46
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	270	1 317	252	1 149	18	115	-	-	-	6	-	84
LIBRARY CLERKS	1 039	2 692	902	2 467	62	139	-	-	42	66	48	35
FILE CLERKS	977	4 358	893	3 788	63	462	-	-	21	64	2	136
RECORDS CLERKS	354	1 359	335	1 187	9	140	-	-	10	20	6	-
FINANCIAL RECORDS PROCESSING OCCUPATIONS	3 902	28 814	3 576	27 705	257	771	-	4	59	255	58	256
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	2 922	23 108	2 637	22 288	226	555	-	4	59	223	45	195
PAYROLL AND TIMEKEEPING CLERKS	333	1 804	322	1 756	4	44	-	-	-	4	4	-
BILLING CLERKS	246	2 177	240	2 055	6	68	-	-	-	19	-	55
COST AND RATE CLERKS	299	1 137	291	1 065	5	66	-	-	-	-	3	6
BILLING, POSTING, AND CALCULATING MACHINE OPERATORS	102	588	86	541	16	38	-	-	-	9	6	-
DUPLICATING, MAIL, AND OTHER OFFICE MACHINE OPERATORS	501	761	433	717	48	21	-	-	11	19	9	21
DUPLICATING MACHINE OPERATORS	194	305	162	272	21	14	-	-	11	19	-	9
MAIL PREPARING AND PAPER HANDLING MACHINE OPERATORS	66	55	66	55	-	-	-	-	-	-	-	-
OFFICE MACHINE OPERATORS, N.E.C.	241	401	205	390	27	7	-	-	-	-	9	12
COMMUNICATIONS EQUIPMENT OPERATORS	472	4 476	384	4 220	76	229	-	13	-	14	5	29
TELEPHONE OPERATORS	391	4 247	352	4 014	39	206	-	13	-	14	-	29
TELEGRAPHERS	73	32	24	32	37	-	-	-	-	-	5	-
COMMUNICATIONS EQUIPMENT OPERATORS, N.E.C.	8	197	8	174	-	23	-	-	-	-	-	-
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	10 914	2 593	10 233	2 186	607	366	15	-	21	21	141	45
POSTAL CLERKS, EXCEPT MAIL CARRIERS	3 726	762	3 537	652	145	110	15	-	16	-	30	-
MAIL CARRIERS, POSTAL SERVICE	4 026	87	3 880	78	139	9	-	-	-	-	55	-
MAIL CLERKS, EXCEPT POSTAL SERVICE	1 995	1 394	1 795	1 182	177	177	-	-	5	21	29	32
MESSENGERS	1 167	350	1 021	274	146	70	-	-	-	-	27	13
MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING CLERKS	18 110	7 618	17 035	7 127	832	369	15	5	65	69	330	140
DISPATCHERS	958	236	914	229	44	7	-	-	-	-	-	-
PRODUCTION COORDINATORS	2 228	1 735	2 110	1 563	53	128	-	-	31	31	56	31
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	8 468	1 141	7 901	1 108	466	27	15	-	23	6	165	30
STOCK AND INVENTORY CLERKS	4 869	2 496	4 549	2 320	243	131	-	5	11	12	80	42
METER READERS	454	20	447	20	7	-	-	-	-	-	7	-
WEIGHERS, MEASURERS, AND CHECKERS	260	389	260	357	-	25	-	-	-	7	6	9
SAMPLERS	17	9	17	9	-	-	-	-	-	-	-	-
EXPEDITERS	747	949	728	890	19	39	-	-	-	13	10	22
MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING CLERKS, N.E.C.	109	643	109	631	-	12	-	-	-	-	6	6
ADJUSTERS AND INVESTIGATORS	3 173	4 672	2 994	4 280	145	362	17	-	-	22	49	24
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	1 212	1 859	1 164	1 664	32	183	7	-	-	12	18	8
INVESTIGATORS AND ADJUSTERS, EXCEPT INSURANCE	1 323	2 098	1 240	1 914	73	166	10	-	-	10	17	8
ELIGIBILITY CLERKS, SOCIAL WELFARE	14	21	14	21	-	-	-	-	-	-	-	-
BILL AND ACCOUNT COLLECTORS	624	694	576	681	40	13	-	-	-	-	14	8
MISCELLANEOUS ADMINISTRATIVE SUPPORT OCCUPATIONS	9 636	44 256	8 705	40 275	692	3 105	14	56	141	594	230	715
GENERAL OFFICE CLERKS	4 443	21 186	3 991	19 589	333	1 206	-	20	76	264	124	321
BANK TELLERS	1 094	5 992	1 009	5 597	62	286	-	-	20	88	13	35
PROOFREADERS	160	457	160	446	-	11	-	-	-	-	5	-
DATA-ENTRY KEYERS	509	6 513	487	5 562	15	760	-	13	7	139	-	143
STATISTICAL CLERKS	530	1 557	473	1 418	49	119	-	9	8	11	14	6
TEACHERS' AIDES	338	2 825	224	2 400	82	350	-	-	15	41	17	98
ADMINISTRATIVE SUPPORT OCCUPATIONS, N.E.C.	2 562	5 726	2 361	5 263	151	373	14	14	15	51	57	112
SERVICE OCCUPATIONS	87 004	91 755	76 179	81 382	6 763	8 264	174	160	2 761	937	2 374	2 302
PRIVATE HOUSEHOLD OCCUPATIONS	392	4 858	316	4 106	32	624	-	8	30	82	27	173
OCCUPATION:												
LAUNDERERS AND IRONERS	11	20	-	15	-	5	-	-	11	-	-	-
COOKS, PRIVATE HOUSEHOLD	14	93	8	77	-	16	-	-	6	-	-	-
HOUSEKEEPERS AND BUTLERS	37	821	29	702	3	89	-	-	5	11	-	78
CHILD CARE WORKERS, PRIVATE HOUSEHOLD	63	1 683	63	1 564	-	60	-	8	-	51	-	-
PRIVATE HOUSEHOLD CLEANERS AND SERVANTS	267	2 241	216	1 748	29	454	-	-	8	20	27	95
LIVING ARRANGEMENT:												
LIVING IN	76	706	68	546	3	135	-	-	5	25	-	70
LIVING OUT	316	4 152	248	3 560	29	489	-	8	25	57	27	103

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	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
PROTECTIVE SERVICE OCCUPATIONS	25 258	3 203	23 377	2 803	1 575	328	69	28	70	9	388	76
SUPERVISORS, PROTECTIVE SERVICE OCCUPATIONS	1 915	54	1 856	54	39	-	13	-	-	-	7	-
SUPERVISORS, FIREFIGHTING AND FIRE PREVENTION OCCUPATIONS	696	-	688	-	-	-	8	-	-	-	-	-
SUPERVISORS, POLICE AND DETECTIVES	956	27	931	27	13	-	5	-	-	-	7	-
SUPERVISORS, GUARDS	263	27	237	27	26	-	-	-	-	-	-	-
FIREFIGHTING AND FIRE PREVENTION OCCUPATIONS	6 376	34	6 114	34	224	-	13	-	10	-	65	-
FIRE INSPECTION AND FIRE PREVENTION OCCUPATIONS	199	17	199	17	-	-	-	-	-	-	-	-
FIREFIGHTING OCCUPATIONS	6 177	17	5 915	17	224	-	13	-	10	-	65	-
POLICE AND DETECTIVES	8 120	689	7 690	556	370	94	16	18	10	-	82	21
POLICE AND DETECTIVES, PUBLIC SERVICE	6 880	452	6 628	357	213	66	11	8	10	-	51	21
SHERIFFS, BAILIFFS, AND OTHER ENFORCEMENT OFFICERS	492	71	438	71	54	-	-	-	-	-	6	-
CORRECTIONAL INSTITUTION OFFICERS	748	166	624	128	103	28	5	10	-	-	25	-
GUARDS	8 847	2 426	7 717	2 159	942	234	27	10	50	9	234	55
CROSSING GUARDS	282	1 034	282	987	-	43	-	4	-	-	-	5
GUARDS AND POLICE, EXCEPT PUBLIC SERVICE	8 255	942	7 145	779	922	134	27	6	50	9	230	43
PROTECTIVE SERVICE OCCUPATIONS, N.E.C.	310	450	290	393	20	57	-	-	-	-	4	7
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	*61 354*	*83 694*	*52 486*	*74 473*	*5 156*	*7 312*	*105*	*124*	*2 661*	*846*	*1 959*	*2 053*
FOOD PREPARATION AND SERVICE OCCUPATIONS	26 542	34 520	22 458	33 026	1 280	904	26	40	2 352	371	817	454
SUPERVISORS, FOOD PREPARATION AND SERVICE OCCUPATIONS	2 511	1 693	1 973	1 589	151	54	-	-	338	50	68	29
BARTENDERS	3 119	923	2 852	911	47	6	-	-	220	6	39	3
WAITERS AND WAITRESSES	3 231	17 227	2 626	16 816	108	188	-	35	478	143	71	122
COOKS, EXCEPT SHORT ORDER	7 994	4 022	6 262	3 689	459	227	-	5	1 093	50	325	123
SHORT-ORDER COOKS	827	267	797	237	30	11	-	-	-	10	12	9
FOOD COUNTER, FOUNTAIN AND RELATED OCCUPATIONS	751	2 330	724	2 248	21	58	-	-	6	24	-	4
KITCHEN WORKERS, FOOD PREPARATION	552	807	494	749	46	35	-	-	-	7	27	13
WAITERS' AND WAITRESSES' ASSISTANTS	1 983	1 388	1 867	1 280	51	97	-	-	50	-	54	24
MISCELLANEOUS FOOD PREPARATION OCCUPATIONS	5 574	5 863	4 863	5 507	367	228	26	-	167	81	221	127
HEALTH SERVICE OCCUPATIONS	3 877	24 137	2 865	19 949	866	3 614	10	31	58	233	193	757
DENTAL ASSISTANTS	27	2 036	23	1 969	-	45	-	-	-	-	4	33
HEALTH AIDES, EXCEPT NURSING	951	3 810	745	3 285	150	444	5	-	22	40	68	83
NURSING AIDES, ORDERLIES, AND ATTENDANTS	2 899	18 291	2 097	14 695	716	3 125	5	31	36	193	121	641
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	25 169	7 746	22 065	6 094	2 530	1 322	50	30	167	31	807	437
SUPERVISORS, CLEANING AND BUILDING SERVICE WORKERS	1 444	429	1 225	377	195	39	8	6	-	-	80	23
MAIDS AND HOUSEMEN	3 495	4 757	2 881	3 731	464	847	12	12	16	24	199	291
JANITORS AND CLEANERS	19 635	2 500	17 435	1 967	1 807	401	30	6	144	7	528	123
ELEVATOR OPERATORS	325	60	266	19	52	35	-	6	7	-	-	-
PEST CONTROL OCCUPATIONS	270	-	258	-	12	-	-	-	-	-	-	-
PERSONAL SERVICE OCCUPATIONS	5 766	17 291	5 098	15 404	480	1 472	19	23	84	211	142	405
SUPERVISORS, PERSONAL SERVICE OCCUPATIONS	180	91	173	91	7	-	-	-	-	-	-	-
BARBERS	970	119	884	110	75	9	-	-	-	-	12	-
HAIRDRESSERS AND COSMETOLOGISTS	1 651	4 437	1 583	4 252	57	127	-	-	-	43	25	53
ATTENDANTS, AMUSEMENT AND RECREATION FACILITIES	335	200	318	186	10	14	-	-	7	-	-	-
GUIDES	167	355	134	344	20	4	-	-	13	7	6	6
USHERS	381	63	322	51	48	-	-	-	4	12	11	-
PUBLIC TRANSPORTATION ATTENDANTS	431	1 667	382	1 566	31	54	-	3	-	33	12	32
BAGGAGE PORTERS AND BELLHOPS	268	36	188	36	76	-	-	-	4	-	10	-
WELFARE SERVICE AIDES	124	2 565	90	1 894	23	592	11	5	-	45	-	81
CHILD CARE WORKERS, EXCEPT PRIVATE HOUSEHOLD	419	4 856	358	4 322	44	369	-	15	8	58	30	178
PERSONAL SERVICE OCCUPATIONS, N.E.C.	840	2 902	666	2 552	89	303	8	-	48	13	36	55
FARMING, FORESTRY, AND FISHING *OCCUPATIONS*	*5 749*	*1 224*	*5 485*	*1 186*	*170*	*21*	*15*	-	18	4	124	28
FARM OPERATORS AND MANAGERS	658	95	658	95	-	-	-	-	-	-	11	-
FARMERS, EXCEPT HORTICULTURAL	265	51	265	51	-	-	-	-	-	-	-	-
AGRICULTURAL PRODUCTION, CROPS	180	7	180	7	-	-	-	-	-	-	-	-
HORTICULTURAL SPECIALTY FARMERS	152	5	152	5	-	-	-	-	-	-	4	-
MANAGERS, FARMS, EXCEPT HORTICULTURAL	110	39	110	39	-	-	-	-	-	-	-	-
MANAGERS, HORTICULTURAL SPECIALTY FARMS	131	-	131	-	-	-	-	-	-	-	7	-
FARM OCCUPATIONS, EXCEPT MANAGERIAL	568	411	537	394	14	-	-	-	-	4	36	21
SUPERVISORS, FARM WORKERS	39	6	39	6	-	-	-	-	-	-	-	-
FARM WORKERS	357	257	347	244	6	-	-	-	-	-	21	21
AGRICULTURAL PRODUCTION, CROPS	210	188	206	175	-	-	-	-	-	-	21	21
MARINE LIFE CULTIVATION WORKERS	-	-	-	-	-	-	-	-	-	-	-	-
NURSERY WORKERS	172	148	151	144	8	-	-	-	-	4	15	-
RELATED AGRICULTURAL OCCUPATIONS	3 760	688	3 533	667	150	21	15	-	18	-	71	7
SUPERVISORS, RELATED AGRICULTURAL OCCUPATIONS	271	7	271	7	-	-	-	-	-	-	9	-
GROUNDSKEEPERS AND GARDENERS, EXCEPT FARM	3 115	139	2 917	134	130	5	6	-	18	-	52	7
ANIMAL CARETAKERS, EXCEPT FARM	354	521	325	505	20	16	9	-	-	-	5	-
GRADERS AND SORTERS, AGRICULTURAL PRODUCTS	11	15	11	15	-	-	-	-	-	-	5	-
INSPECTORS, AGRICULTURAL PRODUCTS	9	6	9	6	-	-	-	-	-	-	-	-
FORESTRY AND LOGGING OCCUPATIONS	201	-	201	-	-	-	-	-	-	-	6	-
SUPERVISORS, FORESTRY AND LOGGING WORKERS	13	-	13	-	-	-	-	-	-	-	-	-
FORESTRY WORKERS, EXCEPT LOGGING	88	-	88	-	-	-	-	-	-	-	-	-
TIMBER CUTTING AND LOGGING OCCUPATIONS	100	-	100	-	-	-	-	-	-	-	6	-
FISHERS, HUNTERS, AND TRAPPERS	562	30	556	30	6	-	-	-	-	-	-	-
CAPTAINS AND OTHER OFFICERS, FISHING VESSELS	26	7	26	7	-	-	-	-	-	-	-	-
FISHERS	530	23	524	23	6	-	-	-	-	-	-	-
HUNTERS AND TRAPPERS	6	-	6	-	-	-	-	-	-	-	-	-

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

BOSTON, MA SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	118 899	10 535	113 223	9 719	4 442	491	152	8	426	193	1 801	370
MECHANICS AND REPAIRERS	36 656	1 284	34 865	1 137	1 369	127	51	-	128	20	658	32
SUPERVISORS, MECHANICS AND REPAIRERS	1 812	52	1 795	52	11	-	6	-	-	-	15	-
MECHANICS AND REPAIRERS, EXCEPT SUPERVISORS	34 844	1 232	33 070	1 085	1 358	127	45	-	128	20	643	32
VEHICLE AND MOBILE EQUIPMENT MECHANICS AND REPAIRERS	14 771	138	13 866	130	726	8	29	-	30	-	317	-
AUTOMOBILE MECHANICS	9 205	91	8 543	83	530	8	16	-	30	-	216	-
BUS, TRUCK, AND STATIONARY ENGINE MECHANICS	1 004	11	964	11	40	-	-	-	-	-	6	-
AIRCRAFT MECHANICS	776	26	756	26	20	-	-	-	-	-	-	-
SMALL ENGINE REPAIRERS	223	-	223	-	-	-	-	-	-	-	-	-
AUTOMOBILE BODY AND RELATED REPAIRERS	2 357	10	2 224	10	106	-	-	-	-	-	63	-
HEAVY EQUIPMENT MECHANICS	1 090	-	1 047	-	30	-	13	-	-	-	-	-
FARM EQUIPMENT MECHANICS	116	-	109	-	-	-	-	-	-	-	32	-
INDUSTRIAL MACHINERY REPAIRERS	4 061	78	3 831	70	169	8	6	-	6	-	133	-
MACHINERY MAINTENANCE OCCUPATIONS	259	-	251	-	8	-	-	-	-	-	-	-
ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS	6 986	558	6 748	479	169	66	-	-	52	13	68	10
ELECTRONIC REPAIRERS, COMMUNICATIONS AND INDUSTRIAL EQUIPMENT	1 497	149	1 431	119	34	30	-	-	15	-	58	-
DATA PROCESSING EQUIPMENT REPAIRERS	924	146	872	120	41	19	-	-	11	7	5	10
HOUSEHOLD APPLIANCE AND POWER TOOL REPAIRERS	709	14	667	14	16	-	-	-	26	-	-	-
TELEPHONE LINE INSTALLERS AND REPAIRERS	450	8	450	8	-	-	-	-	-	-	-	-
TELEPHONE INSTALLERS AND REPAIRERS	3 221	230	3 153	213	68	17	-	-	-	-	5	-
MISCELLANEOUS ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS	185	11	175	5	10	-	-	-	-	6	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	2 108	-	2 040	-	54	-	-	-	-	-	40	-
MISCELLANEOUS MECHANICS AND REPAIRERS	6 659	458	6 334	406	232	45	10	-	40	7	85	22
CAMERA, WATCH, AND MUSICAL INSTRUMENT REPAIRERS	498	118	482	98	16	20	-	-	-	-	5	-
LOCKSMITHS AND SAFE REPAIRERS	295	-	288	-	7	-	-	-	-	-	-	-
OFFICE MACHINE REPAIRERS	522	30	506	30	-	-	-	-	16	-	6	-
MECHANICAL CONTROLS AND VALVE REPAIRERS	383	-	365	-	8	-	10	-	-	-	-	-
ELEVATOR INSTALLERS AND REPAIRERS	362	-	347	-	15	-	-	-	-	-	-	-
MILLWRIGHTS	739	104	699	104	40	-	-	-	-	-	8	22
SPECIFIED MECHANICS AND REPAIRERS, N.E.C.	2 541	149	2 413	117	92	25	-	-	17	7	19	-
NOT SPECIFIED MECHANICS AND REPAIRERS	1 319	57	1 234	57	54	-	-	-	7	-	47	-
CONSTRUCTION TRADES	40 715	561	39 065	520	1 391	32	32	-	77	-	361	17
SUPERVISORS; CONSTRUCTION OCCUPATIONS	6 620	50	6 474	38	104	12	5	-	20	-	30	-
SUPERVISORS; BRICKMASONS, STONEMASONS, AND TILE SETTERS	37	-	37	-	-	-	-	-	-	-	-	-
SUPERVISORS; CARPENTERS AND RELATED WORKERS	487	-	487	-	-	-	-	-	-	-	-	-
SUPERVISORS; ELECTRICIANS AND POWER TRANSMISSION INSTALLERS	346	-	338	-	8	-	-	-	-	-	-	-
SUPERVISORS; PAINTERS, PAPERHANGERS, AND PLASTERERS	221	-	208	-	6	-	-	-	-	-	7	-
SUPERVISORS; PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	178	6	178	6	-	-	-	-	-	-	-	-
SUPERVISORS; N.E.C.	5 351	44	5 226	32	90	12	5	-	20	-	23	-
CONSTRUCTION TRADES, EXCEPT SUPERVISORS	34 095	511	32 591	482	1 287	20	27	-	57	-	331	17
BRICKMASONS AND STONEMASONS	1 272	30	1 244	30	28	-	-	-	-	-	28	-
TILE SETTERS, HARD AND SOFT	323	7	323	7	-	-	-	-	-	-	5	-
CARPET INSTALLERS	600	6	595	6	5	-	-	-	-	-	14	-
CARPENTERS	11 146	149	10 736	145	334	4	10	-	14	-	75	-
DRYWALL INSTALLERS	255	4	247	4	8	-	-	-	-	-	5	-
ELECTRICIANS	6 081	99	5 863	90	198	-	-	-	6	-	37	9
ELECTRICAL POWER INSTALLERS AND REPAIRERS	942	12	876	12	61	-	-	-	-	-	12	-
PAINTERS, CONSTRUCTION AND MAINTENANCE	4 049	135	3 765	119	234	16	6	-	11	-	70	8
PAPERHANGERS	255	9	239	9	16	-	-	-	-	-	-	-
PLASTERERS	334	-	314	-	14	-	-	-	-	-	6	-
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	5 097	31	4 838	31	230	-	-	-	15	-	61	-
CONCRETE AND TERRAZZO FINISHERS	104	-	104	-	-	-	-	-	-	-	-	-
GLAZIERS	442	15	420	15	10	-	-	-	7	-	5	-
INSULATION WORKERS	391	8	375	8	16	-	-	-	-	-	5	-
PAVING, SURFACING, AND TAMPING EQUIPMENT OPERATORS	19	-	19	-	-	-	-	-	-	-	-	-
ROOFERS	781	-	745	-	30	-	6	-	-	-	4	-
SHEETMETAL DUCT INSTALLERS	200	-	200	-	-	-	-	-	-	-	-	-
STRUCTURAL METAL WORKERS	551	-	506	-	37	-	-	-	4	-	4	-
DRILLERS, EARTH	108	-	108	-	-	-	-	-	-	-	-	-
CONSTRUCTION TRADES, N.E.C.	1 145	6	1 074	6	66	-	5	-	-	-	-	-
EXTRACTIVE OCCUPATIONS	165	5	159	5	6	-	-	-	-	-	-	-
SUPERVISORS, EXTRACTIVE OCCUPATIONS	30	-	30	-	-	-	-	-	-	-	-	-
DRILLERS, OIL WELL	-	-	-	-	-	-	-	-	-	-	-	-
EXPLOSIVES WORKERS	49	-	43	-	6	-	-	-	-	-	-	-
MINING MACHINE OPERATORS	62	-	62	-	-	-	-	-	-	-	-	-
MINING OCCUPATIONS, N.E.C.	24	5	24	5	-	-	-	-	-	-	-	-

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

BOSTON, MA SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
PRECISION PRODUCTION OCCUPATIONS	41 363	8 685	39 134	8 057	1 676	332	69	8	221	173	782	321
SUPERVISORS, PRODUCTION OCCUPATIONS	15 924	2 829	15 169	2 611	625	141	31	-	63	39	166	104
NONDURABLE GOODS MANUFACTURING	3 549	669	3 355	642	140	13	21	-	16	6	78	15
DURABLE GOODS MANUFACTURING	7 494	1 172	7 126	1 032	336	87	10	-	12	23	45	89
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	1 370	83	1 340	83	19	-	-	-	11	-	5	-
WHOLESALE AND RETAIL TRADE	2 567	619	2 480	575	70	34	-	-	17	10	25	-
ALL OTHER INDUSTRIES	944	286	868	279	60	7	-	-	7	-	13	-
PRECISION METALWORKING OCCUPATIONS	13 053	639	12 251	597	605	39	30	-	74	3	259	36
TOOL AND DIE MAKERS	1 148	34	1 030	34	112	-	-	-	-	-	17	-
PRECISION ASSEMBLERS, METAL	164	46	159	46	5	-	-	-	-	-	-	7
MACHINISTS	8 812	322	8 227	292	412	27	18	-	68	3	221	23
BOILERMAKERS	270	-	270	-	-	-	-	-	-	-	-	-
PRECISION GRINDERS, FILERS, AND TOOL SHARPENERS	94	-	86	-	8	-	-	-	-	-	-	-
PATTERNMAKERS AND MODEL MAKERS, METAL	250	8	250	8	-	-	-	-	-	-	-	-
LAY-OUT WORKERS	231	17	207	17	17	-	7	-	-	-	-	-
PRECIOUS STONES AND METALS WORKERS (JEWELERS)	203	122	203	116	-	6	-	-	-	-	15	-
ENGRAVERS, METAL	186	43	180	43	-	-	-	-	6	-	-	6
SHEET METAL WORKERS	1 685	41	1 629	35	51	6	5	-	-	-	6	-
MISCELLANEOUS PRECISION METAL WORKERS	10	6	10	6	-	-	-	-	-	-	-	-
PRECISION WOODWORKING OCCUPATIONS	874	18	847	18	23	-	-	-	4	-	15	-
PATTERNMAKERS AND MODEL MAKERS, WOOD	42	-	42	-	-	-	-	-	-	-	-	-
CABINET MAKERS AND BENCH CARPENTERS	652	13	635	13	17	-	-	-	-	-	15	-
FURNITURE AND WOOD FINISHERS	146	5	136	5	6	-	-	-	4	-	-	-
MISCELLANEOUS PRECISION WOODWORKERS	34	-	34	-	-	-	-	-	-	-	-	-
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	1 598	1 391	1 523	1 274	27	38	-	-	21	28	49	109
DRESSMAKERS	38	942	38	843	-	38	-	-	-	21	-	63
TAILORS	731	240	685	233	14	-	-	-	21	7	26	19
UPHOLSTERERS	446	24	417	24	13	-	-	-	-	-	16	-
SHOE REPAIRERS	332	112	332	101	-	-	-	-	-	-	7	11
APPAREL AND FABRIC PATTERNMAKERS	29	16	29	16	-	-	-	-	-	-	-	10
MISCELLANEOUS PRECISION APPAREL AND FABRIC WORKERS	22	57	22	57	-	-	-	-	-	-	-	6
PRECISION WORKERS, ASSORTED MATERIALS	2 833	2 377	2 648	2 188	140	84	8	-	7	85	106	72
HAND MOLDERS AND SHAPERS, EXCEPT JEWELERS	224	37	202	37	22	-	-	-	-	-	26	-
PATTERNMAKERS, LAY-OUT WORKERS, AND CUTTERS	11	-	11	-	-	-	-	-	-	-	-	-
OPTICAL GOODS WORKERS	527	231	521	224	6	7	-	-	-	-	4	7
DENTAL LABORATORY AND MEDICAL APPLIANCE TECHNICIANS	516	189	479	183	21	-	-	-	7	6	14	-
BOOKBINDERS	220	184	206	184	6	-	8	-	-	-	-	-
ELECTRICAL AND ELECTRONIC EQUIPMENT ASSEMBLERS	780	1 639	696	1 482	74	67	-	-	-	79	51	56
MISCELLANEOUS PRECISION WORKERS, N.E.C.	555	97	533	78	11	10	-	-	-	-	11	9
PRECISION FOOD PRODUCTION OCCUPATIONS	3 938	887	3 711	846	146	17	-	8	19	10	150	-
BUTCHERS AND MEAT CUTTERS	2 271	88	2 144	77	86	5	-	-	11	-	31	-
BAKERS	1 400	698	1 340	668	28	12	-	8	-	10	90	-
FOOD BATCHMAKERS	267	101	227	101	32	-	-	-	8	-	29	-
PRECISION INSPECTORS, TESTERS, AND RELATED WORKERS	1 100	503	1 056	487	35	8	-	-	-	8	18	-
INSPECTORS, TESTERS, AND GRADERS	1 094	450	1 050	434	35	8	-	-	-	8	18	-
ADJUSTERS AND CALIBRATORS	6	53	6	53	-	-	-	-	-	-	-	-
PLANT AND SYSTEM OPERATORS	2 043	41	1 929	36	75	5	-	-	33	-	19	-
WATER AND SEWAGE TREATMENT PLANT OPERATORS	189	-	189	-	-	-	-	-	-	-	-	-
POWER PLANT OPERATORS	216	8	216	8	-	-	-	-	-	-	-	-
STATIONARY ENGINEERS	1 522	27	1 408	22	75	5	-	-	33	-	13	-
MISCELLANEOUS PLANT AND SYSTEM OPERATORS	116	6	116	6	-	-	-	-	-	-	6	-
OPERATORS, FABRICATORS, AND LABORERS	115 010	47 925	105 761	41 435	6 709	3 510	179	88	603	1 888	3 562	2 108
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	48 504	36 069	43 562	30 631	3 379	2 772	56	79	367	1 798	2 380	1 767
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	31 365	19 926	28 304	16 584	2 076	1 443	25	43	214	1 405	1 610	1 080
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	3 980	494	3 761	480	180	10	-	-	6	-	88	11
LATHE AND TURNING MACHINE SET-UP OPERATORS	363	19	354	19	9	-	-	-	-	-	3	-
LATHE AND TURNING MACHINE OPERATORS	923	48	909	42	14	6	-	-	-	-	7	-
MILLING AND PLANING MACHINE OPERATORS	201	29	201	29	-	-	-	-	-	-	-	-
PUNCHING AND STAMPING PRESS MACHINE OPERATORS	615	98	560	98	55	-	-	-	-	-	21	-
ROLLING MACHINE OPERATORS	30	6	30	6	-	-	-	-	-	-	-	-
DRILLING AND BORING MACHINE OPERATORS	410	91	387	87	23	-	-	-	-	-	-	11
GRINDING, ABRADING, BUFFING, AND POLISHING MACHINE OPERATORS	1 284	175	1 179	171	66	4	-	-	6	-	57	-
FORGING MACHINE OPERATORS	46	-	46	-	-	-	-	-	-	-	-	-
NUMERICAL CONTROL MACHINE OPERATORS	26	5	26	5	-	-	-	-	-	-	-	-
MISCELLANEOUS METAL, PLASTIC, STONE, AND GLASS WORKING MACHINE OPERATORS	82	23	69	23	13	-	-	-	-	-	-	-

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TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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BOSTON, MA SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
FABRICATING MACHINE OPERATORS, N.E.C.	69	95	69	95	-	-	-	-	-	-	14	-
METAL AND PLASTIC PROCESSING MACHINE OPERATORS	1 306	263	1 143	239	121	24	-	-	-	-	119	6
MOLDING AND CASTING MACHINE OPERATORS	522	194	439	178	71	16	-	-	-	-	60	6
METAL PLATING MACHINE OPERATORS	584	59	523	51	31	8	-	-	-	-	59	-
HEAT TREATING EQUIPMENT OPERATORS	149	10	143	10	6	-	-	-	-	-	-	-
MISCELLANEOUS METAL AND PLASTIC PROCESSING MACHINE OPERATORS	51	-	38	-	13	-	-	-	-	-	-	-
WOODWORKING MACHINE OPERATORS	535	83	535	83	-	-	-	-	-	-	-	21
WOOD LATHE, ROUTING, AND PLANING MACHINE OPERATORS	49	-	49	-	-	-	-	-	-	-	-	-
SAWING MACHINE OPERATORS	158	32	158	32	-	-	-	-	-	-	-	21
SHAPING AND JOINING MACHINE OPERATORS	24	14	24	14	-	-	-	-	-	-	-	-
NAILING AND TACKING MACHINE OPERATORS	-	7	-	7	-	-	-	-	-	-	-	-
MISCELLANEOUS WOODWORKING MACHINE OPERATORS	304	30	304	30	-	-	-	-	-	-	-	-
PRINTING MACHINE OPERATORS	5 514	1 375	5 201	1 330	214	30	-	6	46	9	96	21
PRINTING MACHINE OPERATORS	4 185	418	3 918	418	201	-	-	-	34	-	75	6
PHOTOENGRAVERS AND LITHOGRAPHERS	285	41	285	32	-	-	-	-	-	9	-	-
TYPESETTERS AND COMPOSITORS	786	555	775	540	6	9	-	6	5	-	-	4
MISCELLANEOUS PRINTING MACHINE OPERATORS	258	361	223	340	7	21	-	-	7	-	21	11
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	2 948	9 537	2 311	7 363	375	608	-	20	54	1 312	327	523
WINDING AND TWISTING MACHINE OPERATORS	44	38	39	38	5	-	-	-	-	-	8	-
KNITTING, LOOPING, TAPING, AND WEAVING MACHINE OPERATORS	36	96	36	89	-	-	-	-	-	-	-	28
TEXTILE CUTTING MACHINE OPERATORS	72	30	72	30	-	-	-	-	-	-	8	-
TEXTILE SEWING MACHINE OPERATORS	320	6 590	247	4 873	31	349	-	8	4	1 213	49	320
SHOE MACHINE OPERATORS	534	808	453	696	6	31	-	7	12	54	85	63
PRESSING MACHINE OPERATORS	586	438	432	324	124	103	-	-	8	-	34	28
LAUNDERING AND DRY CLEANING MACHINE OPERATORS	1 015	1 396	754	1 190	159	119	-	5	24	33	86	84
MISCELLANEOUS TEXTILE MACHINE OPERATORS	341	141	278	123	50	6	-	-	6	12	57	-
MACHINE OPERATORS, ASSORTED MATERIALS	17 013	8 079	15 284	6 994	1 186	771	25	17	108	84	966	498
CEMENTING AND GLUING MACHINE OPERATORS	90	209	74	178	16	24	-	-	-	-	-	13
PACKAGING AND FILLING MACHINE OPERATORS	469	283	418	257	42	17	-	-	9	-	18	9
EXTRUDING AND FORMING MACHINE OPERATORS	124	14	124	14	-	-	-	-	-	-	-	-
MIXING AND BLENDING MACHINE OPERATORS	849	93	805	85	36	8	-	-	-	-	47	-
SEPARATING, FILTERING, AND CLARIFYING MACHINE OPERATORS	294	46	278	29	6	9	-	-	10	-	13	8
COMPRESSING AND COMPACTING MACHINE OPERATORS	81	13	70	13	11	-	-	-	-	-	-	-
PAINTING AND PAINT SPRAYING MACHINE OPERATORS	1 087	176	964	168	81	-	10	-	-	-	45	8
ROASTING AND BAKING MACHINE OPERATORS, FOOD	23	6	23	6	-	-	-	-	-	-	5	6
WASHING, CLEANING, AND PICKLING MACHINE OPERATORS	31	18	24	18	-	-	-	-	-	-	7	-
FOLDING MACHINE OPERATORS	111	206	104	167	-	16	-	-	-	11	8	12
FURNACE, KILN, AND OVEN OPERATORS, EXCEPT FOOD	1 013	18	937	12	44	6	-	-	12	-	23	-
CRUSHING AND GRINDING MACHINE OPERATORS	146	36	146	25	-	11	-	-	-	-	-	-
SLICING AND CUTTING MACHINE OPERATORS	1 378	449	1 299	420	47	-	-	-	-	14	64	39
MOTION PICTURE PROJECTIONISTS	144	80	130	75	6	5	-	-	-	-	-	-
PHOTOGRAPHIC PROCESS MACHINE OPERATORS	745	591	692	572	30	5	6	-	12	5	21	15
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	10 428	5 841	9 196	4 955	867	670	9	17	65	54	715	388
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	2 777	1 708	2 512	1 394	164	270	-	7	34	7	116	76
MACHINE OPERATORS, NOT SPECIFIED	7 651	4 133	6 684	3 561	703	400	9	10	31	47	599	312
INDUSTRY:												
MANUFACTURING	8 989	4 914	7 861	4 144	783	561	9	17	56	47	704	371
NONDURABLE GOODS	3 334	1 732	2 947	1 559	260	93	9	7	14	14	322	166
FOOD AND KINDRED PRODUCTS	622	178	545	171	56	7	-	-	-	-	109	-
TOBACCO MANUFACTURES	-	-	-	-	-	-	-	-	-	-	-	-
TEXTILE MILL PRODUCTS	121	64	113	64	-	-	-	-	8	-	-	-
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	136	165	88	140	39	-	-	-	-	14	9	23
PAPER AND ALLIED PRODUCTS	756	502	662	469	55	15	9	-	-	-	68	52
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	268	242	227	207	27	28	-	7	6	-	25	7
CHEMICALS AND ALLIED PRODUCTS	417	189	396	179	11	10	-	-	-	-	19	9
PETROLEUM AND COAL PRODUCTS	47	-	47	-	-	-	-	-	-	-	-	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS	656	283	581	245	49	23	-	-	-	-	65	53
LEATHER AND LEATHER PRODUCTS	311	109	288	84	23	10	-	-	-	-	27	22
DURABLE GOODS	5 453	3 083	4 759	2 515	480	439	-	10	42	33	363	205
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE	69	16	69	16	-	-	-	-	-	-	-	-
FURNITURE AND FIXTURES	65	57	53	51	5	6	-	-	-	-	7	-
STONE, CLAY, GLASS, AND CONCRETE PRODUCTS	153	15	139	15	7	-	-	-	-	-	7	-
PRIMARY METAL INDUSTRIES	242	98	199	38	31	60	-	-	-	-	22	34
BLAST FURNACES, STEELWORKS, ROLLING AND FINISHING MILLS	62	-	50	-	12	-	-	-	-	-	-	-

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

BOSTON, MA SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS-CON. INDUSTRY-CON.												
FABRICATED METAL INDUSTRIES	907	384	786	324	114	50	-	-	-	-	68	27
MACHINERY, EXCEPT ELECTRICAL	1 128	337	1 048	261	51	72	-	-	12	4	40	5
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	861	1 231	770	1 062	34	124	-	-	23	15	74	75
TRANSPORTATION EQUIPMENT	685	207	605	199	54	8	-	-	7	-	53	-
MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT	93	75	62	67	14	8	-	-	7	-	13	-
OTHER TRANSPORTATION EQUIPMENT	592	132	543	132	40	-	-	-	-	-	40	-
PROFESSIONAL AND PHOTOGRAPHIC EQUIPMENT, AND WATCHES	924	561	764	400	126	119	-	10	-	-	48	50
MISCELLANEOUS MANUFACTURING INDUSTRIES	419	177	326	149	58	-	-	-	-	14	44	14
NOT SPECIFIED MANUFACTURING INDUSTRIES	202	99	155	70	43	29	-	-	-	-	19	-
NONMANUFACTURING INDUSTRIES	1 439	927	1 335	811	84	109	-	-	9	7	11	17
CONSTRUCTION	113	-	98	-	15	-	-	-	-	-	-	-
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	342	72	302	59	31	13	-	-	9	-	6	-
WHOLESALE TRADE	262	141	262	127	-	7	-	-	-	7	-	-
RETAIL TRADE	176	239	171	226	-	13	-	-	-	-	5	-
BUSINESS AND REPAIR SERVICES	177	141	171	115	6	26	-	-	-	-	-	9
PUBLIC ADMINISTRATION	77	68	65	68	12	-	-	-	-	-	-	-
ALL OTHER INDUSTRIES	292	266	266	216	20	50	-	-	-	-	-	8
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	12 602	11 904	11 023	10 302	1 111	996	18	19	123	323	626	551
WELDERS AND CUTTERS	3 785	350	3 176	304	498	20	11	-	24	18	142	8
SOLDERERS AND BRAZERS	179	732	171	672	-	45	-	-	4	15	9	25
ASSEMBLERS	7 946	10 506	7 030	9 034	605	931	7	19	89	276	452	506
HAND CUTTING AND TRIMMING OCCUPATIONS	54	48	40	34	-	-	-	-	-	14	14	-
HAND MOLDING, CASTING, AND FORMING OCCUPATIONS	40	99	40	89	-	-	-	-	-	-	-	-
HAND PAINTING, COATING AND DECORATING OCCUPATIONS	415	75	397	75	-	-	-	-	-	-	9	6
HAND ENGRAVING AND PRINTING OCCUPATIONS	20	-	20	-	-	-	-	-	-	-	-	-
HAND GRINDING AND POLISHING OCCUPATIONS	8	-	8	-	-	-	-	-	-	-	-	-
MISCELLANEOUS HAND WORKING OCCUPATIONS	155	94	141	94	8	-	-	-	6	-	-	6
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	4 537	4 239	4 235	3 745	192	333	13	17	30	70	144	136
PRODUCTION INSPECTORS, CHECKERS, AND EXAMINERS	3 058	3 431	2 910	3 016	106	303	6	17	22	56	69	101
PRODUCTION TESTERS	1 095	443	962	412	65	7	7	-	8	5	53	19
PRODUCTION SAMPLERS AND WEIGHERS	52	20	52	11	-	-	-	-	-	9	-	-
GRADERS AND SORTERS, EXCEPT AGRICULTURAL	332	345	311	306	21	23	-	-	-	-	22	16
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	33 732	3 056	31 530	2 776	1 839	259	39	-	106	5	452	48
MOTOR VEHICLE OPERATORS	27 047	2 688	25 226	2 433	1 555	243	21	-	106	5	331	28
SUPERVISORS, MOTOR VEHICLE OPERATORS	284	13	268	13	9	-	-	-	-	-	7	-
TRUCK DRIVERS, HEAVY	11 534	243	11 063	212	397	31	12	-	26	-	103	-
TRUCK DRIVERS, LIGHT	6 681	269	6 423	269	185	-	3	-	52	-	67	5
DRIVER-SALES WORKERS	1 476	54	1 437	54	32	-	-	-	-	-	17	-
BUS DRIVERS	2 942	1 838	2 451	1 637	437	189	6	-	-	5	94	15
TAXICAB DRIVERS AND CHAUFFEURS	3 433	230	2 962	207	442	23	-	-	14	-	31	8
PARKING LOT ATTENDANTS	636	35	577	35	45	-	-	-	14	-	4	-
MOTOR TRANSPORTATION OCCUPATIONS, N.E.C.	61	6	45	6	8	-	-	-	-	-	8	-
RAIL TRANSPORTATION OCCUPATIONS	1 027	33	979	33	31	-	6	-	-	-	20	-
RAILROAD CONDUCTORS AND YARDMASTERS	204	-	194	-	-	-	6	-	-	-	4	-
LOCOMOTIVE OPERATING OCCUPATIONS	597	13	568	13	22	-	-	-	-	-	11	-
RAILROAD BRAKE, SIGNAL, AND SWITCH OPERATORS	127	-	118	-	9	-	-	-	-	-	5	-
RAIL VEHICLE OPERATORS, N.E.C.	99	20	99	20	-	-	-	-	-	-	-	-
WATER TRANSPORTATION OCCUPATIONS	543	12	494	12	29	-	-	-	-	-	33	-
SHIP CAPTAINS AND MATES, EXCEPT FISHING BOATS	209	6	209	6	-	-	-	-	-	-	6	-
SAILORS AND DECKHANDS	240	-	198	-	29	-	-	-	-	-	12	-
MARINE ENGINEERS	22	-	22	-	-	-	-	-	-	-	-	-
BRIDGE, LOCK, AND LIGHTHOUSE TENDERS	72	6	65	6	-	-	-	-	-	-	15	-
MATERIAL MOVING EQUIPMENT OPERATORS	5 115	323	4 831	298	224	16	12	-	-	-	68	20
SUPERVISORS, MATERIAL MOVING EQUIPMENT OPERATORS	196	22	196	22	-	-	-	-	-	-	-	-
OPERATING ENGINEERS	1 196	5	1 175	5	21	-	-	-	-	-	14	-
LONGSHORE EQUIPMENT OPERATORS	20	5	20	5	-	-	-	-	-	-	-	-
HOIST AND WINCH OPERATORS	45	-	41	-	4	-	-	-	-	-	-	-
CRANE AND TOWER OPERATORS	427	22	404	22	16	-	7	-	-	-	-	-
EXCAVATING AND LOADING MACHINE OPERATORS	297	13	265	6	26	7	-	-	-	-	6	-
GRADER, DOZER, AND SCRAPER OPERATORS	102	-	102	-	-	-	-	-	-	-	-	-
INDUSTRIAL TRUCK AND TRACTOR EQUIPMENT OPERATORS	1 774	27	1 650	27	109	-	-	-	-	-	15	-
MISCELLANEOUS MATERIAL MOVING EQUIPMENT OPERATORS	1 058	229	978	211	48	9	5	-	-	-	33	20

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

BOSTON, MA SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS.	32 774	8 800	30 669	8 028	1 491	479	84	9	130	85	730	293
SUPERVISORS; HANDLERS, EQUIPMENT CLEANERS, AND LABORERS, N.E.C.. . . .	92	-	81	-	11	-	-	-	-	-	-	-
HELPERS, MECHANICS AND REPAIRERS . . .	109	4	103	4	-	-	-	-	-	-	6	-
HELPERS, CONSTRUCTION AND EXTRACTIVE OCCUPATIONS.	879	21	838	21	20	-	16	-	-	-	5	-
HELPERS, CONSTRUCTION TRADES.	799	21	758	21	20	-	16	-	-	-	5	-
HELPERS, SURVEYOR	65	-	65	-	-	-	-	-	-	-	-	-
HELPERS, EXTRACTIVE OCCUPATIONS . . .	15	-	15	-	-	-	-	-	-	-	-	-
CONSTRUCTION LABORERS.	4 642	103	4 302	86	254	17	31	-	17	-	56	5
PRODUCTION HELPERS	862	111	773	77	69	22	-	-	8	-	17	-
FREIGHT, STOCK, AND MATERIAL HANDLERS.	12 214	1 917	11 577	1 766	394	82	28	-	50	19	250	70
GARBAGE COLLECTORS.	496	6	468	6	15	-	-	-	-	-	21	-
STEVEDORES.	156	-	156	-	-	-	-	-	-	-	-	-
STOCK HANDLERS AND BAGGERS.	7 406	1 480	7 069	1 396	187	49	16	-	45	9	140	26
MACHINE FEEDERS AND OFFBEARERS. . . .	221	299	211	273	-	8	-	-	-	-	16	30
FREIGHT, STOCK, AND MATERIAL HANDLERS, N.E.C.	3 935	132	3 673	91	192	25	12	-	5	10	73	14
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	2 864	115	2 772	104	52	-	-	-	13	-	27	11
VEHICLE WASHERS AND EQUIPMENT CLEANERS.	1 199	137	1 083	107	99	6	-	-	-	24	34	12
HAND PACKERS AND PACKAGERS	2 448	4 827	2 201	4 398	159	279	6	9	24	37	117	128
LABORERS, EXCEPT CONSTRUCTION.	7 465	1 565	6 939	1 465	433	73	3	-	18	5	218	67
MANUFACTURING	2 200	545	1 964	496	178	40	3	-	5	-	138	41
NONDURABLE GOODS	1 160	352	1 081	326	60	26	3	-	5	-	49	12
FOOD AND KINDRED PRODUCTS	240	46	206	36	18	10	-	-	5	-	11	-
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	110	92	110	85	-	7	-	-	-	-	5	-
PAPER AND ALLIED PRODUCTS	128	30	117	30	11	-	-	-	-	-	16	-
CHEMICALS AND ALLIED PRODUCTS . . .	181	43	175	43	6	-	-	-	-	-	8	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS.	91	11	91	11	-	-	-	-	-	-	9	5
OTHER NONDURABLE GOODS.	410	130	382	121	25	9	3	-	-	-	-	7
DURABLE GOODS.	964	193	827	170	98	14	-	-	-	-	78	29
FURNITURE, LUMBER, AND WOOD PRODUCTS	80	13	61	13	19	-	-	-	-	-	-	-
STONE, CLAY, GLASS, AND CONCRETE PRODUCTS	69	-	47	-	22	-	-	-	-	-	7	-
PRIMARY METAL INDUSTRIES.	57	6	47	6	10	-	-	-	-	-	9	-
FABRICATED METAL INDUSTRIES	195	31	195	25	-	6	-	-	-	-	5	-
MACHINERY, EXCEPT ELECTRICAL. . . .	267	38	218	38	28	-	-	-	-	-	30	-
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	67	55	59	38	8	8	-	-	-	-	-	22
TRANSPORTATION EQUIPMENT.	75	-	63	-	-	-	-	-	-	-	12	-
MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT	12	-	12	-	-	-	-	-	-	-	-	-
OTHER DURABLE GOODS	154	50	137	50	11	-	-	-	-	-	15	7
NOT SPECIFIED MANUFACTURING INDUSTRIES.	76	-	56	-	20	-	-	-	-	-	11	-
NONMANUFACTURING INDUSTRIES	5 265	1 020	4 975	969	255	33	-	-	13	5	80	26
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES.	1 148	70	1 059	70	89	-	-	-	-	-	10	-
WHOLESALE TRADE.	1 493	249	1 459	244	21	-	-	-	-	5	13	-
RETAIL TRADE	1 106	363	1 065	331	41	26	-	-	-	-	-	11
BUSINESS AND REPAIR SERVICES	309	34	275	34	26	-	-	-	8	-	-	-
PUBLIC ADMINISTRATION.	603	48	546	48	48	-	-	-	-	-	15	-
ALL OTHER INDUSTRIES	606	256	571	242	30	7	-	-	5	-	42	15

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

LAWRENCE-HAVERHILL, MA-NH SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
EMPLOYED PERSONS 16 YEARS AND OVER	72 910	56 878	70 733	55 317	634	519	150	59	265	240	2 197	1 587
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	18 411	11 787	18 093	11 577	137	77	39	-	99	64	216	156
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	9 669	3 820	9 557	3 761	74	38	13	-	25	6	86	34
LEGISLATORS, CHIEF EXECUTIVES AND GENERAL ADMINISTRATORS; PUBLIC ADMINISTRATION	40	21	40	21	-	-	-	-	-	-	-	-
ADMINISTRATORS AND OFFICIALS, PUBLIC ADMINISTRATION	228	81	228	81	-	-	-	-	-	-	12	5
FEDERAL	115	26	115	26	-	-	-	-	-	-	6	-
STATE	6	12	6	12	-	-	-	-	-	-	-	-
LOCAL	107	43	107	43	-	-	-	-	-	-	6	5
ADMINISTRATORS, PROTECTIVE SERVICES	35	-	35	-	-	-	-	-	-	-	6	-
FINANCIAL MANAGERS	473	244	473	244	-	-	-	-	-	-	-	-
PERSONNEL AND LABOR RELATIONS MANAGERS	244	103	237	98	7	5	-	-	-	-	-	-
PURCHASING MANAGERS	92	5	92	5	-	-	-	-	-	-	-	-
MANAGERS, MARKETING, ADVERTISING, AND PUBLIC RELATIONS	801	146	795	139	-	7	6	-	-	-	-	-
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	318	232	296	225	22	7	-	-	-	-	14	6
MANAGERS, MEDICINE AND HEALTH	64	57	64	57	-	-	-	-	-	-	-	-
MANAGERS, PROPERTIES AND REAL ESTATE	84	44	84	44	-	-	-	-	-	-	5	-
POSTMASTERS AND MAIL SUPERINTENDENTS	18	-	18	-	-	-	-	-	-	-	-	-
FUNERAL DIRECTORS	33	18	33	18	-	-	-	-	-	-	-	-
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	4 544	1 289	4 484	1 284	35	-	7	-	18	-	38	16
CONSTRUCTION	147	21	147	21	-	-	-	-	-	-	-	-
MANUFACTURING	2 021	223	1 979	223	24	-	7	-	11	-	16	-
NONDURABLE GOODS	615	70	584	70	18	-	7	-	6	-	5	-
DURABLE GOODS	1 406	153	1 395	153	6	-	-	-	5	-	11	-
TRANSPORTATION	153	19	153	19	-	-	-	-	-	-	3	-
COMMUNICATIONS, UTILITIES AND SANITARY SERVICES	201	61	201	61	-	-	-	-	-	-	-	-
WHOLESALE TRADE	224	75	224	75	-	-	-	-	-	-	-	-
RETAIL TRADE	733	326	726	326	-	-	-	-	7	-	10	-
GENERAL MERCHANDISE STORES	39	35	39	35	-	-	-	-	-	-	-	-
FOOD, BAKERY, AND DAIRY STORES	58	34	58	34	-	-	-	-	-	-	-	-
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	101	23	101	23	-	-	-	-	-	-	-	-
EATING AND DRINKING PLACES	307	132	300	132	-	-	-	-	7	-	10	-
OTHER RETAIL TRADE	228	102	228	102	-	-	-	-	-	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE	249	133	249	133	-	-	-	-	-	-	-	-
BUSINESS AND REPAIR SERVICES	257	56	257	56	-	-	-	-	-	-	-	-
PERSONAL SERVICES	44	18	44	18	-	-	-	-	-	-	-	-
ALL OTHER INDUSTRIES	515	357	504	352	11	-	-	-	-	-	9	16
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	392	134	392	134	-	-	-	-	-	-	-	-
CONSTRUCTION	68	7	68	7	-	-	-	-	-	-	-	-
MANUFACTURING	91	-	91	-	-	-	-	-	-	-	-	-
NONDURABLE GOODS	46	-	46	-	-	-	-	-	-	-	-	-
DURABLE GOODS	45	-	45	-	-	-	-	-	-	-	-	-
TRANSPORTATION	6	6	6	6	-	-	-	-	-	-	-	-
COMMUNICATIONS, UTILITIES AND SANITARY SERVICES	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE TRADE	23	-	23	-	-	-	-	-	-	-	-	-
RETAIL TRADE	127	28	127	28	-	-	-	-	-	-	-	-
GENERAL MERCHANDISE STORES	-	-	-	-	-	-	-	-	-	-	-	-
FOOD, BAKERY, AND DAIRY STORES	13	4	13	4	-	-	-	-	-	-	-	-
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	17	-	17	-	-	-	-	-	-	-	-	-
EATING AND DRINKING PLACES	97	5	97	5	-	-	-	-	-	-	-	-
OTHER RETAIL TRADE	-	19	-	19	-	-	-	-	-	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE	8	10	8	10	-	-	-	-	-	-	-	-
BUSINESS AND REPAIR SERVICES	48	13	48	13	-	-	-	-	-	-	-	-
PERSONAL SERVICES	14	13	14	13	-	-	-	-	-	-	-	-
ALL OTHER INDUSTRIES	7	57	7	57	-	-	-	-	-	-	-	-
MANAGEMENT RELATED OCCUPATIONS	2 303	1 446	2 286	1 411	10	19	-	-	7	6	11	7
ACCOUNTANTS AND AUDITORS	949	766	949	761	-	5	-	-	-	-	-	-
UNDERWRITERS	5	13	5	13	-	-	-	-	-	-	-	-
OTHER FINANCIAL OFFICERS	253	207	253	201	-	-	-	-	-	6	-	-
MANAGEMENT ANALYSTS	139	24	139	24	-	-	-	-	-	-	-	-
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	264	187	253	180	4	7	-	-	7	-	5	7
PURCHASING AGENTS AND BUYERS, FARM PRODUCTS	-	7	-	7	-	-	-	-	-	-	-	-
BUYERS, WHOLESALE AND RETAIL TRADE EXCEPT FARM PRODUCTS	159	56	159	56	-	-	-	-	-	-	-	-
PURCHASING AGENTS AND BUYERS, N.E.C.	247	108	247	91	-	7	-	-	-	-	-	-
BUSINESS AND PROMOTION AGENTS	14	5	14	5	-	-	-	-	-	-	-	-
CONSTRUCTION INSPECTORS	86	-	80	-	6	-	-	-	-	-	6	-
INSPECTORS AND COMPLIANCE OFFICERS, EXC. CONSTRUCTION	176	68	176	68	-	-	-	-	-	-	-	-
MANAGEMENT RELATED OCCUPATIONS, N.E.C.	11	5	11	5	-	-	-	-	-	-	-	-
PROFESSIONAL SPECIALTY OCCUPATIONS	8 742	7 967	8 536	7 816	63	39	26	-	74	58	130	122
ENGINEERS, ARCHITECTS, AND SURVEYORS	3 270	108	3 208	108	20	-	-	-	38	-	21	-
ARCHITECTS	70	6	70	6	-	-	-	-	-	-	-	-
ENGINEERS	3 162	102	3 100	102	20	-	-	-	38	-	21	-
AEROSPACE	188	18	181	18	7	-	-	-	-	-	-	-
METALLURGICAL AND MATERIALS	15	-	15	-	-	-	-	-	-	-	-	-
MINING	-	-	-	-	-	-	-	-	-	-	-	-
PETROLEUM	-	-	-	-	-	-	-	-	-	-	-	-
CHEMICAL	43	5	38	5	-	-	-	-	5	-	-	-
NUCLEAR	-	-	-	-	-	-	-	-	-	-	-	-
CIVIL	285	-	285	-	-	-	-	-	-	-	-	-
AGRICULTURAL	-	-	-	-	-	-	-	-	-	-	-	-
ELECTRICAL AND ELECTRONIC	1 078	45	1 057	45	-	-	-	-	21	-	17	-
INDUSTRIAL	624	18	620	18	-	-	-	-	-	-	4	-
MECHANICAL	442	4	423	4	7	-	-	-	12	-	-	-
MARINE AND NAVAL ARCHITECTS	6	-	6	-	-	-	-	-	-	-	-	-
ENGINEERS, N.E.C.	481	12	475	12	6	-	-	-	-	-	-	-
SURVEYORS AND MAPPING SCIENTISTS	38	-	38	-	-	-	-	-	-	-	-	-

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

LAWRENCE-HAVERHILL, MA-NH SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
MATHEMATICAL AND COMPUTER SCIENTISTS	407	109	383	103	5	-	7	-	12	6	-	-
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	294	79	270	79	5	-	7	-	12	-	-	-
OPERATIONS AND SYSTEMS RESEARCHERS AND ANALYSTS	73	6	73	-	-	-	-	-	-	6	-	-
ACTUARIES	7	7	7	7	-	-	-	-	-	-	-	-
STATISTICIANS	33	17	33	17	-	-	-	-	-	-	-	-
MATHEMATICAL SCIENTISTS, N.E.C.	-	-	-	-	-	-	-	-	-	-	-	-
NATURAL SCIENTISTS	268	57	263	43	5	-	-	-	-	14	-	-
PHYSICISTS AND ASTRONOMERS	21	-	21	-	-	-	-	-	-	-	-	-
CHEMISTS, EXCEPT BIOCHEMISTS	122	25	117	18	5	-	-	-	-	7	-	-
ATMOSPHERIC AND SPACE SCIENTISTS	13	6	13	6	-	-	-	-	-	-	-	-
GEOLOGISTS AND GEODESISTS	14	-	14	-	-	-	-	-	-	-	-	-
PHYSICAL SCIENTISTS, N.E.C.	7	-	7	-	-	-	-	-	-	-	-	-
AGRICULTURAL AND FOOD SCIENTISTS	11	12	11	5	-	-	-	-	-	7	-	-
BIOLOGICAL AND LIFE SCIENTISTS	45	10	45	10	-	-	-	-	-	-	-	-
FORESTRY AND CONSERVATION SCIENTISTS	22	-	22	-	-	-	-	-	-	-	-	-
MEDICAL SCIENTISTS	13	4	13	4	-	-	-	-	-	-	-	-
HEALTH DIAGNOSING OCCUPATIONS	532	31	532	31	-	-	-	-	-	-	19	-
PHYSICIANS	293	20	293	20	-	-	-	-	-	-	12	-
DENTISTS	133	6	133	6	-	-	-	-	-	-	7	-
VETERINARIANS	41	5	41	5	-	-	-	-	-	-	-	-
OPTOMETRISTS	25	-	25	-	-	-	-	-	-	-	-	-
PODIATRISTS	7	-	7	-	-	-	-	-	-	-	-	-
HEALTH DIAGNOSING PRACTITIONERS, N.E.C.	33	-	33	-	-	-	-	-	-	-	-	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	214	2 324	214	2 295	-	10	-	-	-	9	-	10
REGISTERED NURSES	41	1 987	41	1 978	-	-	-	-	-	9	-	-
PHARMACISTS	122	55	122	45	-	-	-	-	-	-	-	10
DIETITIANS	-	67	-	67	-	-	-	-	-	-	-	-
THERAPISTS	45	205	45	200	-	5	-	-	-	-	-	-
INHALATION THERAPISTS	27	52	27	52	-	-	-	-	-	-	-	-
OCCUPATIONAL THERAPISTS	10	55	10	55	-	-	-	-	-	-	-	-
PHYSICAL THERAPISTS	-	46	-	41	-	5	-	-	-	-	-	-
SPEECH THERAPISTS	-	37	-	37	-	-	-	-	-	-	-	-
THERAPISTS, N.E.C.	8	15	8	15	-	-	-	-	-	-	-	-
PHYSICIANS' ASSISTANTS	6	10	6	5	-	5	-	-	-	-	-	-
TEACHERS, POSTSECONDARY	311	190	305	177	-	13	-	-	6	-	-	8
BIOLOGICAL SCIENCE TEACHERS	6	-	6	-	-	-	-	-	-	-	-	-
CHEMISTRY TEACHERS	-	5	-	5	-	-	-	-	-	-	-	-
PHYSICS TEACHERS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER NATURAL SCIENCE TEACHERS	-	-	-	-	-	-	-	-	-	-	-	-
PSYCHOLOGY TEACHERS	-	-	-	-	-	-	-	-	-	-	-	-
ECONOMICS TEACHERS	6	-	6	-	-	-	-	-	-	-	-	-
HISTORY TEACHERS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER SOCIAL SCIENCE TEACHERS	-	5	-	5	-	-	-	-	-	-	-	-
ENGINEERING TEACHERS	10	-	10	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENCE TEACHERS	13	6	13	6	-	-	-	-	-	-	-	-
MEDICAL SCIENCE TEACHERS	-	-	-	-	-	-	-	-	-	-	-	-
HEALTH SPECIALTIES TEACHERS	-	27	-	19	-	8	-	-	-	-	-	8
BUSINESS, COMMERCE, AND MARKETING TEACHERS	-	7	-	7	-	-	-	-	-	-	-	-
ART, DRAMA, AND MUSIC TEACHERS	27	5	27	5	-	-	-	-	-	-	-	-
ENGLISH TEACHERS	5	5	5	5	-	-	-	-	-	-	-	-
FOREIGN LANGUAGE TEACHERS	6	5	6	5	-	-	-	-	-	-	-	-
OTHER SPECIFIED TEACHERS	13	9	13	9	-	-	-	-	-	-	-	-
POSTSECONDARY TEACHERS, SUBJECT NOT SPECIFIED	225	116	219	111	-	5	-	-	6	-	-	-
TEACHERS, EXCEPT POSTSECONDARY	1 683	3 622	1 629	3 594	14	4	19	-	7	10	27	41
TEACHERS, PREKINDERGARTEN AND KINDERGARTEN	25	269	18	269	-	-	-	-	7	-	-	5
TEACHERS, ELEMENTARY SCHOOL	792	2 249	784	2 232	-	-	-	-	-	10	8	17
TEACHERS, SECONDARY SCHOOL	698	698	675	698	4	-	19	-	-	-	9	-
TEACHERS, SPECIAL EDUCATION	-	34	-	34	-	-	-	-	-	-	-	6
TEACHERS, N.E.C.	168	372	152	361	10	4	-	-	-	-	10	13
COUNSELORS, EDUCATIONAL AND VOCATIONAL	99	159	94	159	5	-	-	-	-	-	-	-
LIBRARIANS, ARCHIVISTS, AND CURATORS	30	226	30	213	-	-	-	-	-	13	-	-
LIBRARIANS	24	220	24	207	-	-	-	-	-	13	-	-
ARCHIVISTS AND CURATORS	6	6	6	6	-	-	-	-	-	-	-	-
SOCIAL SCIENTISTS AND URBAN PLANNERS	231	69	219	56	7	-	-	-	5	-	-	13
ECONOMISTS	155	28	143	28	7	-	-	-	5	-	-	-
PSYCHOLOGISTS	41	33	41	20	-	-	-	-	-	-	-	13
SOCIOLOGISTS	-	-	-	-	-	-	-	-	-	-	-	-
SOCIAL SCIENTISTS, N.E.C.	22	8	22	8	-	-	-	-	-	-	-	-
URBAN PLANNERS	13	-	13	-	-	-	-	-	-	-	-	-
SOCIAL, RECREATION, AND RELIGIOUS WORKERS	444	473	426	438	-	12	-	-	-	6	39	37
SOCIAL WORKERS	268	342	250	307	-	12	-	-	-	6	39	37
RECREATION WORKERS	7	62	7	62	-	-	-	-	-	-	-	-
CLERGY	162	41	162	41	-	-	-	-	-	-	-	-
RELIGIOUS WORKERS, N.E.C.	7	28	7	28	-	-	-	-	-	-	-	-
LAWYERS AND JUDGES	421	61	421	61	-	-	-	-	-	-	-	-
LAWYERS	399	55	399	55	-	-	-	-	-	-	-	-
JUDGES	22	6	22	6	-	-	-	-	-	-	-	-
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	832	538	812	538	7	-	-	-	6	-	24	13
AUTHORS	5	12	5	12	-	-	-	-	-	-	-	-
TECHNICAL WRITERS	93	18	93	18	-	-	-	-	-	-	-	-
DESIGNERS	297	158	277	158	7	-	-	-	6	-	24	-
MUSICIANS AND COMPOSERS	69	35	69	35	-	-	-	-	-	-	-	-
ACTORS AND DIRECTORS	6	10	6	10	-	-	-	-	-	-	-	-
PAINTERS, SCULPTORS, CRAFT-ARTISTS, AND ARTIST PRINTMAKERS	108	71	108	71	-	-	-	-	-	-	-	-
PHOTOGRAPHERS	59	23	59	23	-	-	-	-	-	-	-	-
DANCERS	-	-	-	-	-	-	-	-	-	-	-	-
ARTISTS, PERFORMERS AND RELATED WORKERS, N.E.C.	23	27	23	27	-	-	-	-	-	-	-	-
EDITORS AND REPORTERS	81	131	81	131	-	-	-	-	-	-	-	13
PUBLIC RELATIONS SPECIALISTS	52	33	52	33	-	-	-	-	-	-	-	-
ANNOUNCERS	6	-	6	-	-	-	-	-	-	-	-	-
ATHLETES	33	20	33	20	-	-	-	-	-	-	-	-

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

LAWRENCE-HAVERHILL, MA-NH SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	14 451	23 641	14 174	23 258	102	180	19	19	40	46	218	384
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	3 198	1 987	3 103	1 947	33	24	-	-	22	6	48	30
HEALTH TECHNOLOGISTS AND TECHNICIANS	211	1 199	206	1 175	-	24	-	-	-	-	-	8
CLINICAL LABORATORY TECHNOLOGISTS AND TECHNICIANS	84	176	79	176	-	-	-	-	-	-	-	8
DENTAL HYGIENISTS	-	104	-	104	-	-	-	-	-	-	-	-
HEALTH RECORD TECHNOLOGISTS AND TECHNICIANS	-	31	-	31	-	-	-	-	-	-	-	-
RADIOLOGIC TECHNICIANS	41	126	41	126	-	-	-	-	-	-	-	-
LICENSED PRACTICAL NURSES	20	648	20	624	-	24	-	-	-	-	-	-
HEALTH TECHNOLOGISTS AND TECHNICIANS, N.E.C.	66	114	66	114	-	-	-	-	-	-	-	-
ENGINEERING AND RELATED TECHNOLOGISTS AND TECHNICIANS	1 964	346	1 914	330	21	-	-	-	6	6	36	10
ELECTRICAL AND ELECTRONIC TECHNICIANS	942	164	905	158	14	-	-	-	-	6	29	-
INDUSTRIAL ENGINEERING TECHNICIANS	-	-	-	-	-	-	-	-	-	-	-	-
MECHANICAL ENGINEERING TECHNICIANS	22	7	22	7	-	-	-	-	-	-	-	-
ENGINEERING TECHNICIANS, N.E.C.	279	70	279	60	-	-	-	-	-	-	-	10
DRAFTING OCCUPATIONS	655	105	642	105	7	-	-	-	6	-	-	-
SURVEYING AND MAPPING TECHNICIANS	66	-	66	-	-	-	-	-	-	-	7	-
SCIENCE TECHNICIANS	196	87	196	87	-	-	-	-	-	-	-	-
BIOLOGICAL TECHNICIANS	14	11	14	11	-	-	-	-	-	-	-	-
CHEMICAL TECHNICIANS	100	12	100	12	-	-	-	-	-	-	-	-
SCIENCE TECHNICIANS, N.E.C.	82	64	82	64	-	-	-	-	-	-	-	-
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	827	355	787	355	12	-	-	-	16	-	12	12
AIRPLANE PILOTS AND NAVIGATORS	73	-	73	-	-	-	-	-	-	-	-	-
AIR TRAFFIC CONTROLLERS	18	6	18	6	-	-	-	-	-	-	-	-
BROADCAST EQUIPMENT OPERATORS	41	39	41	39	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	278	188	259	188	12	-	-	-	7	-	-	12
TOOL PROGRAMMERS, NUMERICAL CONTROL	27	-	27	-	-	-	-	-	-	-	-	-
LEGAL ASSISTANTS	17	33	17	33	-	-	-	-	-	-	-	-
TECHNICIANS, N.E.C.	373	89	352	89	-	-	-	-	9	-	12	-
SALES OCCUPATIONS	5 955	5 317	5 923	5 265	5	15	12	13	6	10	44	60
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS, SALARIED	1 067	379	1 067	372	-	-	-	7	-	-	-	20
MANUFACTURING	69	28	69	28	-	-	-	-	-	-	-	-
WHOLESALE TRADE	144	6	144	6	-	-	-	-	-	-	-	-
RETAIL TRADE	810	334	810	327	-	-	-	7	-	-	-	20
ALL OTHER INDUSTRIES	44	11	44	11	-	-	-	-	-	-	-	-
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS, SELF-EMPLOYED	294	135	294	135	-	-	-	-	-	-	-	-
MANUFACTURING	6	-	6	-	-	-	-	-	-	-	-	-
WHOLESALE TRADE	21	-	21	-	-	-	-	-	-	-	-	-
RETAIL TRADE	248	135	248	135	-	-	-	-	-	-	-	-
ALL OTHER INDUSTRIES	19	-	19	-	-	-	-	-	-	-	-	-
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	1 146	559	1 146	553	-	-	-	6	-	-	-	6
INSURANCE SALES OCCUPATIONS	471	128	471	128	-	-	-	-	-	-	-	-
REAL ESTATE SALES OCCUPATIONS	307	309	307	303	-	-	-	6	-	-	-	6
SECURITIES AND FINANCIAL SERVICES SALES OCCUPATIONS	93	12	93	12	-	-	-	-	-	-	-	-
ADVERTISING AND RELATED SALES OCCUPATIONS	53	6	53	6	-	-	-	-	-	-	-	-
SALES OCCUPATIONS, OTHER BUSINESS SERVICES	222	104	222	104	-	-	-	-	-	-	-	-
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	1 509	220	1 503	220	-	-	-	-	6	-	-	-
SALES ENGINEERS	127	-	127	-	-	-	-	-	-	-	-	-
SALES REPRESENTATIVES, MINING, MANUFACTURING, AND WHOLESALE	1 382	220	1 376	220	-	-	-	-	6	-	-	-
WHOLESALE TRADE	766	103	766	103	-	-	-	-	-	-	-	-
SALES WORKERS, RETAIL AND PERSONAL SERVICES	1 939	4 016	1 913	3 977	5	15	12	-	-	10	44	34
SALES WORKERS, MOTOR VEHICLES AND BOATS	258	-	258	-	-	-	-	-	-	-	-	-
SALES WORKERS, APPAREL	111	459	102	444	-	15	-	-	-	-	9	-
SALES WORKERS, SHOES	45	60	45	60	-	-	-	-	-	-	-	-
SALES WORKERS, FURNITURE AND HOME FURNISHINGS	84	31	84	31	-	-	-	-	-	-	6	-
SALES WORKERS, RADIO, TV, HI-FI, AND APPLIANCES	72	13	72	13	-	-	-	-	-	-	-	-
SALES WORKERS, HARDWARE AND BUILDING SUPPLIES	184	20	184	20	-	-	-	-	-	-	-	-
SALES WORKERS, PARTS	211	6	211	6	-	-	-	-	-	-	6	-
SALES WORKERS, OTHER COMMODITIES	559	1 431	554	1 426	5	-	-	-	-	-	18	15
RETAIL TRADE	539	1 399	534	1 394	5	-	-	-	-	-	18	15
PERSONAL, BUSINESS AND REPAIR SERVICES	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER INDUSTRIES	20	32	20	32	-	-	-	-	-	-	-	-
SALES COUNTER CLERKS	22	92	15	92	-	-	7	-	-	-	-	-
CASHIERS	260	1 740	255	1 721	-	-	5	-	-	10	5	19
STREET AND DOOR-TO-DOOR SALES WORKERS	76	106	76	106	-	-	-	-	-	-	-	-
NEWS VENDORS	57	58	57	58	-	-	-	-	-	-	-	-
SALES RELATED OCCUPATIONS	-	8	-	8	-	-	-	-	-	-	-	-
DEMONSTRATORS, PROMOTERS AND MODELS, SALES	-	-	-	-	-	-	-	-	-	-	-	-
AUCTIONEERS	-	-	-	-	-	-	-	-	-	-	-	-
SALES SUPPORT OCCUPATIONS, N.E.C.	-	8	-	8	-	-	-	-	-	-	-	-
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	5 298	16 337	5 148	16 046	64	141	7	6	12	30	126	294
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	757	798	740	782	-	16	-	-	-	-	22	-
SUPERVISORS, GENERAL OFFICE	286	580	274	564	-	16	-	-	-	-	12	-
SUPERVISORS, COMPUTER EQUIPMENT OPERATORS	65	22	65	22	-	-	-	-	-	-	-	-
SUPERVISORS, FINANCIAL RECORDS PROCESSING	127	120	127	120	-	-	-	-	-	-	-	-
CHIEF COMMUNICATIONS OPERATORS	50	37	50	37	-	-	-	-	-	-	-	-
SUPERVISORS; DISTRIBUTION, SCHEDULING, AND ADJUSTING CLERKS	229	39	224	39	-	-	-	-	-	-	10	-

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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LAWRENCE-HAVERHILL, MA-NH SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
COMPUTER EQUIPMENT OPERATORS	290	422	273	422	11	-	-	-	6	-	-	13
COMPUTER OPERATORS	290	388	273	388	11	-	-	-	6	-	-	13
PERIPHERAL EQUIPMENT OPERATORS	-	34	-	34	-	-	-	-	-	-	-	-
SECRETARIES, STENOGRAPHERS, AND TYPISTS	58	5 257	58	5 171	-	53	-	-	-	11	-	104
SECRETARIES	33	4 388	33	4 328	-	27	-	-	-	11	-	60
STENOGRAPHERS	20	79	20	73	-	6	-	-	-	-	-	-
TYPISTS	5	790	5	770	-	20	-	-	-	-	-	44
INFORMATION CLERKS	107	784	101	767	-	9	-	-	6	-	8	17
INTERVIEWERS	30	136	24	128	-	-	-	-	6	-	-	8
HOTEL CLERKS	20	29	20	29	-	-	-	-	-	-	-	-
TRANSPORTATION TICKET AND RESERVATION AGENTS	19	41	19	41	-	-	-	-	-	-	8	-
RECEPTIONISTS	13	506	13	497	-	9	-	-	-	-	-	9
INFORMATION CLERKS, N.E.C.	25	72	25	72	-	-	-	-	-	-	-	-
RECORDS PROCESSING OCCUPATIONS, EXCEPT FINANCIAL	228	1 076	221	1 051	7	19	-	-	-	-	-	20
CLASSIFIED-AD CLERKS	-	5	-	5	-	-	-	-	-	-	-	-
CORRESPONDENCE CLERKS	-	10	-	10	-	-	-	-	-	-	-	-
ORDER CLERKS	119	278	119	278	-	-	-	-	-	-	-	-
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	-	101	-	89	-	6	-	-	-	-	-	6
LIBRARY CLERKS	7	215	-	215	7	-	-	-	-	-	-	7
FILE CLERKS	86	392	86	379	-	13	-	-	-	-	-	7
RECORDS CLERKS	16	75	16	75	-	-	-	-	-	-	-	-
FINANCIAL RECORDS PROCESSING OCCUPATIONS	241	2 438	236	2 438	5	-	-	-	-	-	7	7
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	135	1 948	135	1 948	-	-	-	-	-	-	7	7
PAYROLL AND TIMEKEEPING CLERKS	54	268	54	268	-	-	-	-	-	-	-	-
BILLING CLERKS	6	108	6	108	-	-	-	-	-	-	-	-
COST AND RATE CLERKS	46	29	41	29	5	-	-	-	-	-	-	-
BILLING, POSTING, AND CALCULATING MACHINE OPERATORS	-	85	-	85	-	-	-	-	-	-	-	-
DUPLICATING, MAIL, AND OTHER OFFICE MACHINE OPERATORS	30	23	23	23	-	-	-	-	-	-	7	-
DUPLICATING MACHINE OPERATORS	11	15	4	15	-	-	-	-	-	-	7	-
MAIL PREPARING AND PAPER HANDLING MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
OFFICE MACHINE OPERATORS, N.E.C.	19	8	19	8	-	-	-	-	-	-	-	-
COMMUNICATIONS EQUIPMENT OPERATORS	21	484	21	484	-	-	-	-	-	-	-	-
TELEPHONE OPERATORS	21	464	21	464	-	-	-	-	-	-	-	-
TELEGRAPHERS	-	-	-	-	-	-	-	-	-	-	-	-
COMMUNICATIONS EQUIPMENT OPERATORS, N.E.C.	-	20	-	20	-	-	-	-	-	-	-	-
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	693	113	693	113	-	-	-	-	-	-	-	-
POSTAL CLERKS, EXCEPT MAIL CARRIERS	204	6	204	6	-	-	-	-	-	-	-	-
MAIL CARRIERS, POSTAL SERVICE	365	16	365	16	-	-	-	-	-	-	-	-
MAIL CLERKS, EXCEPT POSTAL SERVICE	20	91	20	91	-	-	-	-	-	-	-	-
MESSENGERS	104	-	104	-	-	-	-	-	-	-	-	-
MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING CLERKS	1 961	878	1 887	827	29	22	7	-	-	6	70	34
DISPATCHERS	90	48	90	48	-	-	-	-	-	-	-	-
PRODUCTION COORDINATORS	314	242	307	231	7	11	-	-	-	-	-	-
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	876	83	828	83	15	-	7	-	-	-	47	-
STOCK AND INVENTORY CLERKS	447	291	435	264	-	11	-	-	-	6	18	16
METER READERS	80	6	73	6	7	-	-	-	-	-	5	-
WEIGHERS, MEASURERS, AND CHECKERS	38	22	38	22	-	-	-	-	-	-	-	-
SAMPLERS	-	-	-	-	-	-	-	-	-	-	-	-
EXPEDITERS	116	144	116	131	-	-	-	-	-	-	-	18
MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING CLERKS, N.E.C.	-	42	-	42	-	-	-	-	-	-	-	-
ADJUSTERS AND INVESTIGATORS	170	254	170	254	-	-	-	-	-	-	-	-
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	97	94	97	94	-	-	-	-	-	-	-	-
INVESTIGATORS AND ADJUSTERS, EXCEPT INSURANCE	45	91	45	91	-	-	-	-	-	-	-	-
ELIGIBILITY CLERKS, SOCIAL WELFARE	-	-	-	-	-	-	-	-	-	-	-	-
BILL AND ACCOUNT COLLECTORS	28	69	28	69	-	-	-	-	-	-	-	-
MISCELLANEOUS ADMINISTRATIVE SUPPORT OCCUPATIONS	742	3 810	725	3 714	12	22	-	6	-	13	12	99
GENERAL OFFICE CLERKS	273	1 540	268	1 487	5	22	-	6	-	6	-	46
BANK TELLERS	31	566	31	554	-	-	-	-	-	-	7	12
PROOFREADERS	5	11	5	11	-	-	-	-	-	-	-	6
DATA-ENTRY KEYERS	36	640	36	640	-	-	-	-	-	-	-	-
STATISTICAL CLERKS	52	146	52	146	-	-	-	-	-	-	-	5
TEACHERS' AIDES	-	410	-	395	-	-	-	-	-	7	-	14
ADMINISTRATIVE SUPPORT OCCUPATIONS, N.E.C.	345	497	333	481	7	-	-	-	-	-	5	16
SERVICE OCCUPATIONS	6 750	7 644	6 661	7 501	16	56	8	5	17	24	73	129
PRIVATE HOUSEHOLD OCCUPATIONS	34	302	34	289	-	13	-	-	-	-	-	12
OCCUPATION:												
LAUNDERERS AND IRONERS	-	-	-	-	-	-	-	-	-	-	-	-
COOKS, PRIVATE HOUSEHOLD	-	6	-	6	-	-	-	-	-	-	-	-
HOUSEKEEPERS AND BUTLERS	10	44	10	44	-	-	-	-	-	-	-	-
CHILD CARE WORKERS, PRIVATE HOUSEHOLD	18	124	18	117	-	7	-	-	-	-	-	7
PRIVATE HOUSEHOLD CLEANERS AND SERVANTS	6	128	6	122	-	6	-	-	-	-	-	5
LIVING ARRANGEMENT:												
LIVING IN	-	-	-	-	-	-	-	-	-	-	-	-
LIVING OUT	34	302	34	289	-	13	-	-	-	-	-	12

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TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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LAWRENCE-HAVERHILL, MA-NH SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
PROTECTIVE SERVICE OCCUPATIONS	2 194	145	2 181	134	5	-	8	-	-	-	-	11
SUPERVISORS, PROTECTIVE SERVICE OCCUPATIONS	221	-	221	-	-	-	-	-	-	-	-	-
SUPERVISORS, FIREFIGHTING AND FIRE PREVENTION OCCUPATIONS	95	-	95	-	-	-	-	-	-	-	-	-
SUPERVISORS, POLICE AND DETECTIVES	80	-	80	-	-	-	-	-	-	-	-	-
SUPERVISORS, GUARDS	46	-	46	-	-	-	-	-	-	-	-	-
FIREFIGHTING AND FIRE PREVENTION OCCUPATIONS	560	-	560	-	-	-	-	-	-	-	-	-
FIRE INSPECTION AND FIRE PREVENTION OCCUPATIONS	17	-	17	-	-	-	-	-	-	-	-	-
FIREFIGHTING OCCUPATIONS	543	-	543	-	-	-	-	-	-	-	-	-
POLICE AND DETECTIVES	609	17	604	6	5	-	-	-	-	-	-	11
POLICE AND DETECTIVES, PUBLIC SERVICE	539	11	539	-	-	-	-	-	-	-	-	11
SHERIFFS, BAILIFFS, AND OTHER ENFORCEMENT OFFICERS	20	-	20	-	-	-	-	-	-	-	-	-
CORRECTIONAL INSTITUTION OFFICERS	50	6	45	6	5	-	-	-	-	-	-	-
GUARDS	804	128	796	128	-	-	8	-	-	-	-	-
CROSSING GUARDS	12	77	12	77	-	-	-	-	-	-	-	-
GUARDS AND POLICE, EXCEPT PUBLIC SERVICE	736	39	728	39	-	-	8	-	-	-	-	-
PROTECTIVE SERVICE OCCUPATIONS, N.E.C.	56	12	56	12	-	-	-	-	-	-	-	-
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	4 522	7 197	4 446	7 078	11	43	-	5	17	24	73	106
FOOD PREPARATION AND SERVICE OCCUPATIONS	1 589	3 208	1 563	3 184	6	10	-	-	11	14	14	21
SUPERVISORS, FOOD PREPARATION AND SERVICE OCCUPATIONS	133	137	128	137	-	-	-	-	5	-	-	-
BARTENDERS	181	104	181	104	-	-	-	-	-	-	-	-
WAITERS AND WAITRESSES	120	1 438	120	1 431	-	-	-	-	-	7	-	13
COOKS, EXCEPT SHORT ORDER	527	419	521	419	-	-	-	-	6	-	5	-
SHORT-ORDER COOKS	83	44	83	44	-	-	-	-	-	-	-	-
FOOD COUNTER, FOUNTAIN AND RELATED OCCUPATIONS	42	207	42	207	-	-	-	-	-	-	-	-
KITCHEN WORKERS, FOOD PREPARATION	33	90	33	90	-	-	-	-	-	-	-	-
WAITERS' AND WAITRESSES' ASSISTANTS	87	95	87	95	-	-	-	-	-	-	-	-
MISCELLANEOUS FOOD PREPARATION OCCUPATIONS	383	674	368	657	6	10	-	-	-	7	9	8
HEALTH SERVICE OCCUPATIONS	194	1 899	182	1 843	-	17	-	5	6	6	15	29
DENTAL ASSISTANTS	7	242	7	242	-	-	-	-	-	-	-	-
HEALTH AIDES, EXCEPT NURSING	57	280	51	274	-	-	-	-	-	6	6	-
NURSING AIDES, ORDERLIES, AND ATTENDANTS	130	1 377	124	1 327	-	17	-	5	6	-	9	29
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	2 216	594	2 178	578	5	16	-	-	-	-	44	18
SUPERVISORS, CLEANING AND BUILDING SERVICE WORKERS	106	12	106	12	-	-	-	-	-	-	-	-
MAIDS AND HOUSEMEN	146	314	134	307	-	7	-	-	-	-	18	18
JANITORS AND CLEANERS	1 939	268	1 913	259	5	9	-	-	-	-	26	-
ELEVATOR OPERATORS	13	-	13	-	-	-	-	-	-	-	-	-
PEST CONTROL OCCUPATIONS	12	-	12	-	-	-	-	-	-	-	-	-
PERSONAL SERVICE OCCUPATIONS	523	1 496	523	1 473	-	-	-	-	-	4	-	38
SUPERVISORS, PERSONAL SERVICE OCCUPATIONS	15	-	15	-	-	-	-	-	-	-	-	-
BARBERS	144	9	144	9	-	-	-	-	-	-	-	-
HAIRDRESSERS AND COSMETOLOGISTS	200	543	200	543	-	-	-	-	-	-	-	-
ATTENDANTS, AMUSEMENT AND RECREATION FACILITIES	55	7	55	7	-	-	-	-	-	-	-	-
GUIDES	3	13	3	13	-	-	-	-	-	-	-	-
USHERS	21	-	21	-	-	-	-	-	-	-	-	-
PUBLIC TRANSPORTATION ATTENDANTS	23	56	23	56	-	-	-	-	-	-	-	-
BAGGAGE PORTERS AND BELLHOPS	10	-	10	-	-	-	-	-	-	-	-	-
WELFARE SERVICE AIDES	-	158	-	158	-	-	-	-	-	-	-	-
CHILD CARE WORKERS, EXCEPT PRIVATE HOUSEHOLD	35	441	35	418	-	-	-	-	-	4	-	38
PERSONAL SERVICE OCCUPATIONS, N.E.C.	17	269	17	269	-	-	-	-	-	-	-	-
FARMING, FORESTRY, AND FISHING OCCUPATIONS	687	216	687	216	-	-	-	-	-	-	12	8
FARM OPERATORS AND MANAGERS	173	52	173	52	-	-	-	-	-	-	-	-
FARMERS, EXCEPT HORTICULTURAL	83	33	83	33	-	-	-	-	-	-	-	-
AGRICULTURAL PRODUCTION, CROPS	20	9	20	9	-	-	-	-	-	-	-	-
HORTICULTURAL SPECIALTY FARMERS	15	-	15	-	-	-	-	-	-	-	-	-
MANAGERS, FARMS, EXCEPT HORTICULTURAL	47	19	47	19	-	-	-	-	-	-	-	-
MANAGERS, HORTICULTURAL SPECIALTY FARMS	28	-	28	-	-	-	-	-	-	-	-	-
FARM OCCUPATIONS, EXCEPT MANAGERIAL	159	57	159	57	-	-	-	-	-	-	-	-
SUPERVISORS, FARM WORKERS	8	15	8	15	-	-	-	-	-	-	-	-
FARM WORKERS	142	36	142	36	-	-	-	-	-	-	-	-
AGRICULTURAL PRODUCTION, CROPS	57	19	57	19	-	-	-	-	-	-	-	-
MARINE LIFE CULTIVATION WORKERS	-	-	-	-	-	-	-	-	-	-	-	-
NURSERY WORKERS	9	6	9	6	-	-	-	-	-	-	-	-
RELATED AGRICULTURAL OCCUPATIONS	300	86	300	86	-	-	-	-	-	-	12	8
SUPERVISORS, RELATED AGRICULTURAL OCCUPATIONS	7	6	7	6	-	-	-	-	-	-	-	-
GROUNDSKEEPERS AND GARDENERS, EXCEPT FARM	243	20	243	20	-	-	-	-	-	-	12	8
ANIMAL CARETAKERS, EXCEPT FARM	44	54	44	54	-	-	-	-	-	-	-	-
GRADERS AND SORTERS, AGRICULTURAL PRODUCTS	-	6	-	6	-	-	-	-	-	-	-	-
INSPECTORS, AGRICULTURAL PRODUCTS	6	-	6	-	-	-	-	-	-	-	-	-
FORESTRY AND LOGGING OCCUPATIONS	34	14	34	14	-	-	-	-	-	-	-	-
SUPERVISORS, FORESTRY AND LOGGING WORKERS	-	-	-	-	-	-	-	-	-	-	-	-
FORESTRY WORKERS, EXCEPT LOGGING	13	-	13	-	-	-	-	-	-	-	-	-
TIMBER CUTTING AND LOGGING OCCUPATIONS	21	14	21	14	-	-	-	-	-	-	-	-
FISHERS, HUNTERS, AND TRAPPERS	21	7	21	7	-	-	-	-	-	-	-	-
CAPTAINS AND OTHER OFFICERS, FISHING VESSELS	-	-	-	-	-	-	-	-	-	-	-	-
FISHERS	14	7	14	7	-	-	-	-	-	-	-	-
HUNTERS AND TRAPPERS	7	-	7	-	-	-	-	-	-	-	-	-

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	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	15 774	2 245	15 364	2 139	140	16	30	5	48	10	411	121
MECHANICS AND REPAIRERS	4 554	344	4 482	344	45	-	-	-	13	-	69	-
SUPERVISORS, MECHANICS AND REPAIRERS	176	11	176	11	-	-	-	-	-	-	-	-
MECHANICS AND REPAIRERS, EXCEPT SUPERVISORS	4 378	333	4 306	333	45	-	-	-	13	-	69	-
VEHICLE AND MOBILE EQUIPMENT MECHANICS AND REPAIRERS	1 848	38	1 822	38	6	-	-	-	13	-	16	-
AUTOMOBILE MECHANICS	1 228	22	1 202	22	6	-	-	-	13	-	7	-
BUS, TRUCK, AND STATIONARY ENGINE MECHANICS	60	-	60	-	-	-	-	-	-	-	-	-
AIRCRAFT MECHANICS	93	7	93	7	-	-	-	-	-	-	-	-
SMALL ENGINE REPAIRERS	24	-	24	-	-	-	-	-	-	-	-	-
AUTOMOBILE BODY AND RELATED REPAIRERS	334	9	334	9	-	-	-	-	-	-	9	-
HEAVY EQUIPMENT MECHANICS	89	-	89	-	-	-	-	-	-	-	-	-
FARM EQUIPMENT MECHANICS	20	-	20	-	-	-	-	-	-	-	-	-
INDUSTRIAL MACHINERY REPAIRERS	736	16	722	16	7	-	-	-	-	-	18	-
MACHINERY MAINTENANCE OCCUPATIONS	6	-	6	-	-	-	-	-	-	-	-	-
ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS	768	158	761	158	7	-	-	-	-	-	-	-
ELECTRONIC REPAIRERS, COMMUNICATIONS AND INDUSTRIAL EQUIPMENT	178	53	178	53	-	-	-	-	-	-	-	-
DATA PROCESSING EQUIPMENT REPAIRERS	111	40	111	40	-	-	-	-	-	-	-	-
HOUSEHOLD APPLIANCE AND POWER TOOL REPAIRERS	77	-	77	-	-	-	-	-	-	-	-	-
TELEPHONE LINE INSTALLERS AND REPAIRERS	56	-	56	-	-	-	-	-	-	-	-	-
TELEPHONE INSTALLERS AND REPAIRERS	335	57	328	57	7	-	-	-	-	-	-	-
MISCELLANEOUS ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS	11	8	11	8	-	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	194	6	194	6	-	-	-	-	-	-	-	-
MISCELLANEOUS MECHANICS AND REPAIRERS	826	115	801	115	25	-	-	-	-	-	35	-
CAMERA, WATCH, AND MUSICAL INSTRUMENT REPAIRERS	78	-	78	-	-	-	-	-	-	-	-	-
LOCKSMITHS AND SAFE REPAIRERS	19	-	19	-	-	-	-	-	-	-	-	-
OFFICE MACHINE REPAIRERS	39	-	39	-	-	-	-	-	-	-	-	-
MECHANICAL CONTROLS AND VALVE REPAIRERS	49	-	49	-	-	-	-	-	-	-	-	-
ELEVATOR INSTALLERS AND REPAIRERS	13	-	13	-	-	-	-	-	-	-	-	-
MILLWRIGHTS	152	12	152	12	-	-	-	-	-	-	8	-
SPECIFIED MECHANICS AND REPAIRERS, N.E.C.	283	60	277	60	6	-	-	-	-	-	-	-
NOT SPECIFIED MECHANICS AND REPAIRERS	193	43	174	43	19	-	-	-	-	-	27	-
CONSTRUCTION TRADES	4 588	61	4 474	61	23	-	12	-	-	-	136	7
SUPERVISORS; CONSTRUCTION OCCUPATIONS	763	-	757	-	-	-	6	-	-	-	4	-
SUPERVISORS; BRICKMASONS, STONEMASONS, AND TILE SETTERS	-	-	-	-	-	-	-	-	-	-	-	-
SUPERVISORS; CARPENTERS AND RELATED WORKERS	57	-	57	-	-	-	-	-	-	-	-	-
SUPERVISORS; ELECTRICIANS AND POWER TRANSMISSION INSTALLERS	27	-	27	-	-	-	-	-	-	-	-	-
SUPERVISORS; PAINTERS, PAPERHANGERS, AND PLASTERERS	9	-	9	-	-	-	-	-	-	-	-	-
SUPERVISORS; PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	17	-	17	-	-	-	-	-	-	-	-	-
SUPERVISORS; N.E.C.	653	-	647	-	-	-	6	-	-	-	4	-
CONSTRUCTION TRADES, EXCEPT SUPERVISORS	3 825	61	3 717	61	23	-	6	-	-	-	132	7
BRICKMASONS AND STONEMASONS	152	-	152	-	-	-	-	-	-	-	-	-
TILE SETTERS, HARD AND SOFT	12	8	12	8	-	-	-	-	-	-	-	-
CARPET INSTALLERS	69	-	69	-	-	-	-	-	-	-	-	-
CARPENTERS	1 294	12	1 288	12	-	-	6	-	-	-	6	-
DRYWALL INSTALLERS	65	8	65	8	-	-	-	-	-	-	-	-
ELECTRICIANS	653	-	641	-	12	-	-	-	-	-	-	-
ELECTRICAL POWER INSTALLERS AND REPAIRERS	99	-	99	-	-	-	-	-	-	-	-	-
PAINTERS, CONSTRUCTION AND MAINTENANCE	453	21	376	21	5	-	-	-	-	-	106	7
PAPERHANGERS	18	-	18	-	-	-	-	-	-	-	-	-
PLASTERERS	7	-	7	-	-	-	-	-	-	-	-	-
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	555	-	549	-	6	-	-	-	-	-	5	-
CONCRETE AND TERRAZZO FINISHERS	5	-	5	-	-	-	-	-	-	-	-	-
GLAZIERS	21	-	21	-	-	-	-	-	-	-	-	-
INSULATION WORKERS	19	-	19	-	-	-	-	-	-	-	-	-
PAVING, SURFACING, AND TAMPING EQUIPMENT OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
ROOFERS	107	-	107	-	-	-	-	-	-	-	-	-
SHEETMETAL DUCT INSTALLERS	15	-	15	-	-	-	-	-	-	-	-	-
STRUCTURAL METAL WORKERS	112	-	105	-	-	-	-	-	-	-	15	-
DRILLERS, EARTH	28	12	28	12	-	-	-	-	-	-	-	-
CONSTRUCTION TRADES, N.E.C.	141	-	141	-	-	-	-	-	-	-	-	-
EXTRACTIVE OCCUPATIONS	24	-	24	-	-	-	-	-	-	-	-	-
SUPERVISORS, EXTRACTIVE OCCUPATIONS	11	-	11	-	-	-	-	-	-	-	-	-
DRILLERS, OIL WELL	-	-	-	-	-	-	-	-	-	-	-	-
EXPLOSIVES WORKERS	6	-	6	-	-	-	-	-	-	-	-	-
MINING MACHINE OPERATORS	7	-	7	-	-	-	-	-	-	-	-	-
MINING OCCUPATIONS, N.E.C.	-	-	-	-	-	-	-	-	-	-	-	-

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

LAWRENCE-HAVERHILL, MA-NH SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
PRECISION PRODUCTION OCCUPATIONS	6 608	1 840	6 384	1 734	72	16	18	5	35	10	206	114
SUPERVISORS, PRODUCTION OCCUPATIONS	2 867	387	2 753	381	31	6	18	-	18	-	74	13
NONDURABLE GOODS MANUFACTURING	767	125	730	125	8	-	-	-	5	-	42	-
DURABLE GOODS MANUFACTURING	1 682	211	1 616	205	23	6	7	-	13	-	32	13
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	154	-	143	-	-	-	11	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	199	40	199	40	-	-	-	-	-	-	-	-
ALL OTHER INDUSTRIES	65	11	65	11	-	-	-	-	-	-	-	-
PRECISION METALWORKING OCCUPATIONS	1 862	204	1 808	175	29	-	-	-	5	-	54	29
TOOL AND DIE MAKERS	270	-	270	-	-	-	-	-	-	-	-	-
PRECISION ASSEMBLERS, METAL	16	-	16	-	-	-	-	-	-	-	-	-
MACHINISTS	1 093	59	1 050	36	23	-	-	-	-	-	34	23
BOILERMAKERS	25	-	25	-	-	-	-	-	-	-	-	-
PRECISION GRINDERS, FILERS, AND TOOL SHARPENERS	16	-	16	-	-	-	-	-	-	-	10	-
PATTERNMAKERS AND MODEL MAKERS, METAL	37	-	37	-	-	-	-	-	-	-	-	-
LAY-OUT WORKERS	73	50	68	50	-	-	-	-	5	-	-	-
PRECIOUS STONES AND METALS WORKERS (JEWELERS)	109	69	109	63	-	-	-	-	-	-	-	6
ENGRAVERS, METAL	6	7	-	7	6	-	-	-	-	-	-	-
SHEET METAL WORKERS	217	13	217	13	-	-	-	-	-	-	10	-
MISCELLANEOUS PRECISION METAL WORKERS	-	6	-	6	-	-	-	-	-	-	-	-
PRECISION WOODWORKING OCCUPATIONS	108	-	108	-	-	-	-	-	-	-	-	-
PATTERNMAKERS AND MODEL MAKERS, WOOD	17	-	17	-	-	-	-	-	-	-	-	-
CABINET MAKERS AND BENCH CARPENTERS	67	-	67	-	-	-	-	-	-	-	-	-
FURNITURE AND WOOD FINISHERS	18	-	18	-	-	-	-	-	-	-	-	-
MISCELLANEOUS PRECISION WOODWORKERS	6	-	6	-	-	-	-	-	-	-	-	-
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	375	206	352	173	-	-	-	-	-	-	58	33
DRESSMAKERS	-	70	-	62	-	-	-	-	-	-	-	8
TAILORS	85	44	77	44	-	-	-	-	-	-	8	-
UPHOLSTERERS	107	13	107	13	-	-	-	-	-	-	-	-
SHOE REPAIRERS	169	79	154	54	-	-	-	-	-	-	50	25
APPAREL AND FABRIC PATTERNMAKERS	7	-	7	-	-	-	-	-	-	-	-	-
MISCELLANEOUS PRECISION APPAREL AND FABRIC WORKERS	7	-	7	-	-	-	-	-	-	-	-	-
PRECISION WORKERS, ASSORTED MATERIALS	322	518	302	497	6	5	-	5	5	5	9	26
HAND MOLDERS AND SHAPERS, EXCEPT JEWELERS	34	9	34	9	-	-	-	-	-	-	-	-
PATTERNMAKERS, LAY-OUT WORKERS, AND CUTTERS	11	-	11	-	-	-	-	-	-	-	-	-
OPTICAL GOODS WORKERS	25	21	25	21	-	-	-	-	-	-	-	-
DENTAL LABORATORY AND MEDICAL APPLIANCE TECHNICIANS	38	11	38	11	-	-	-	-	-	-	-	-
BOOKBINDERS	18	5	18	5	-	-	-	-	-	-	-	-
ELECTRICAL AND ELECTRONIC EQUIPMENT ASSEMBLERS	166	467	146	446	6	5	-	5	5	5	9	26
MISCELLANEOUS PRECISION WORKERS, N.E.C.	30	5	30	5	-	-	-	-	-	-	-	-
PRECISION FOOD PRODUCTION OCCUPATIONS	405	74	405	74	-	-	-	-	-	-	5	-
BUTCHERS AND MEAT CUTTERS	261	8	261	8	-	-	-	-	-	-	-	-
BAKERS	133	56	133	56	-	-	-	-	-	-	-	-
FOOD BATCHMAKERS	11	10	11	10	-	-	-	-	-	-	5	-
PRECISION INSPECTORS, TESTERS, AND RELATED WORKERS	443	445	430	428	6	5	-	-	7	5	-	13
INSPECTORS, TESTERS, AND GRADERS	435	439	422	422	6	5	-	-	7	5	-	13
ADJUSTERS AND CALIBRATORS	8	6	8	6	-	-	-	-	-	-	-	-
PLANT AND SYSTEM OPERATORS	226	6	226	6	-	-	-	-	-	-	6	-
WATER AND SEWAGE TREATMENT PLANT OPERATORS	32	-	32	-	-	-	-	-	-	-	-	-
POWER PLANT OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
STATIONARY ENGINEERS	178	6	178	6	-	-	-	-	-	-	6	-
MISCELLANEOUS PLANT AND SYSTEM OPERATORS	16	-	16	-	-	-	-	-	-	-	-	-
OPERATORS, FABRICATORS, AND LABORERS	16 837	11 345	15 754	10 626	239	190	54	30	61	96	1 267	789
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	9 399	9 743	8 502	9 134	208	143	11	24	54	96	1 040	681
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	6 011	4 801	5 352	4 451	135	70	5	4	54	46	768	470
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	624	189	612	189	6	-	-	-	-	-	6	-
LATHE AND TURNING MACHINE SET-UP OPERATORS	96	-	96	-	-	-	-	-	-	-	-	-
LATHE AND TURNING MACHINE OPERATORS	127	35	127	35	-	-	-	-	-	-	-	-
MILLING AND PLANING MACHINE OPERATORS	16	-	16	-	-	-	-	-	-	-	-	-
PUNCHING AND STAMPING PRESS MACHINE OPERATORS	118	41	118	41	-	-	-	-	-	-	-	-
ROLLING MACHINE OPERATORS	6	7	6	7	-	-	-	-	-	-	-	-
DRILLING AND BORING MACHINE OPERATORS	49	7	43	7	6	-	-	-	-	-	-	-
GRINDING, ABRADING, BUFFING, AND POLISHING MACHINE OPERATORS	185	85	179	85	-	-	-	-	-	-	6	-
FORGING MACHINE OPERATORS	5	-	5	-	-	-	-	-	-	-	-	-
NUMERICAL CONTROL MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
MISCELLANEOUS METAL, PLASTIC, STONE, AND GLASS WORKING MACHINE OPERATORS	22	14	22	14	-	-	-	-	-	-	-	-

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

LAWRENCE-HAVERHILL, MA-NH SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
FABRICATING MACHINE OPERATORS, N.E.C.	29	36	29	36	-	-	-	-	-	-	-	-
METAL AND PLASTIC PROCESSING MACHINE OPERATORS	279	110	254	110	-	-	-	-	7	-	37	6
MOLDING AND CASTING MACHINE OPERATORS	80	43	62	43	-	-	-	-	-	-	26	6
METAL PLATING MACHINE OPERATORS	178	62	171	62	-	-	-	-	7	-	11	-
HEAT TREATING EQUIPMENT OPERATORS	9	-	9	-	-	-	-	-	-	-	-	-
MISCELLANEOUS METAL AND PLASTIC PROCESSING MACHINE OPERATORS	12	5	12	5	-	-	-	-	-	-	-	-
WOODWORKING MACHINE OPERATORS	80	18	71	18	-	-	-	-	-	-	9	-
WOOD LATHE, ROUTING, AND PLANING MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
SAWING MACHINE OPERATORS	30	6	21	6	-	-	-	-	-	-	9	-
SHAPING AND JOINING MACHINE OPERATORS	8	6	8	6	-	-	-	-	-	-	-	-
NAILING AND TACKING MACHINE OPERATORS	-	6	-	6	-	-	-	-	-	-	-	-
MISCELLANEOUS WOODWORKING MACHINE OPERATORS	42	-	42	-	-	-	-	-	-	-	-	-
PRINTING MACHINE OPERATORS	414	70	414	70	-	-	-	-	-	-	20	-
PRINTING MACHINE OPERATORS	356	35	356	35	-	-	-	-	-	-	10	-
PHOTOENGRAVERS AND LITHOGRAPHERS	-	-	-	-	-	-	-	-	-	-	-	-
TYPESETTERS AND COMPOSITORS	35	25	35	25	-	-	-	-	-	-	-	-
MISCELLANEOUS PRINTING MACHINE OPERATORS	23	10	23	10	-	-	-	-	-	-	10	-
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	1 095	2 089	803	1 903	36	14	-	4	15	24	331	270
WINDING AND TWISTING MACHINE OPERATORS	10	42	10	42	-	-	-	-	-	-	-	-
KNITTING, LOOPING, TAPING, AND WEAVING MACHINE OPERATORS	32	20	32	20	-	-	-	-	-	-	-	-
TEXTILE CUTTING MACHINE OPERATORS	5	6	-	6	-	-	-	-	-	-	5	-
TEXTILE SEWING MACHINE OPERATORS	58	882	22	799	-	8	-	4	-	24	36	114
SHOE MACHINE OPERATORS	281	806	202	723	7	6	-	-	7	-	116	136
PRESSING MACHINE OPERATORS	138	112	115	106	-	-	-	-	-	-	39	6
LAUNDERING AND DRY CLEANING MACHINE OPERATORS	99	112	99	98	-	-	-	-	-	-	-	14
MISCELLANEOUS TEXTILE MACHINE OPERATORS	472	109	323	109	29	-	-	-	8	-	135	-
MACHINE OPERATORS, ASSORTED MATERIALS	3 490	2 289	3 169	2 125	93	56	5	-	32	22	365	194
CEMENTING AND GLUING MACHINE OPERATORS	42	42	42	42	-	-	-	-	-	-	-	9
PACKAGING AND FILLING MACHINE OPERATORS	43	56	38	56	-	-	-	-	-	-	16	-
EXTRUDING AND FORMING MACHINE OPERATORS	63	-	63	-	-	-	-	-	-	-	-	-
MIXING AND BLENDING MACHINE OPERATORS	219	55	205	47	14	-	-	-	-	-	8	8
SEPARATING, FILTERING, AND CLARIFYING MACHINE OPERATORS	84	-	66	-	-	-	-	-	9	-	15	-
COMPRESSING AND COMPACTING MACHINE OPERATORS	29	28	29	28	-	-	-	-	-	-	-	-
PAINTING AND PAINT SPRAYING MACHINE OPERATORS	146	79	146	79	-	-	-	-	-	-	-	-
ROASTING AND BAKING MACHINE OPERATORS, FOOD	-	-	-	-	-	-	-	-	-	-	-	-
WASHING, CLEANING, AND PICKLING MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
FOLDING MACHINE OPERATORS	7	14	7	14	-	-	-	-	-	-	-	7
FURNACE, KILN, AND OVEN OPERATORS, EXCEPT FOOD	93	12	93	7	-	-	-	-	-	-	10	5
CRUSHING AND GRINDING MACHINE OPERATORS	48	-	48	-	-	-	-	-	-	-	-	-
SLICING AND CUTTING MACHINE OPERATORS	292	173	283	173	-	-	-	-	-	-	9	17
MOTION PICTURE PROJECTIONISTS	12	-	12	-	-	-	-	-	-	-	-	-
PHOTOGRAPHIC PROCESS MACHINE OPERATORS	60	55	60	55	-	-	-	-	-	-	9	-
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	2 352	1 775	2 077	1 624	79	56	5	-	23	22	298	148
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	555	588	524	548	8	11	5	-	-	-	26	35
MACHINE OPERATORS, NOT SPECIFIED	1 797	1 187	1 553	1 076	71	45	-	-	23	22	272	113
INDUSTRY:												
MANUFACTURING	2 220	1 701	1 975	1 550	72	56	5	-	23	22	279	148
NONDURABLE GOODS	924	357	793	325	52	-	-	-	-	-	176	41
FOOD AND KINDRED PRODUCTS	42	19	16	19	8	-	-	-	-	-	26	-
TOBACCO MANUFACTURES	-	-	-	-	-	-	-	-	-	-	-	-
TEXTILE MILL PRODUCTS	185	36	185	30	-	-	-	-	-	-	36	6
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	-	86	-	76	-	-	-	-	-	-	-	10
PAPER AND ALLIED PRODUCTS	261	37	231	37	8	-	-	-	-	-	30	6
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	36	25	36	17	-	-	-	-	-	-	-	8
CHEMICALS AND ALLIED PRODUCTS	128	48	117	48	-	-	-	-	-	-	11	-
PETROLEUM AND COAL PRODUCTS	-	-	-	-	-	-	-	-	-	-	-	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS	208	27	163	27	36	-	-	-	-	-	47	-
LEATHER AND LEATHER PRODUCTS	64	79	45	71	-	-	-	-	-	-	26	11
DURABLE GOODS	1 272	1 333	1 158	1 214	20	56	5	-	23	22	103	107
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE	14	-	14	-	-	-	-	-	-	-	-	-
FURNITURE AND FIXTURES	11	-	11	-	-	-	-	-	-	-	-	-
STONE, CLAY, GLASS, AND CONCRETE PRODUCTS	31	10	31	10	-	-	-	-	-	-	8	-
PRIMARY METAL INDUSTRIES	50	11	50	11	-	-	-	-	-	-	-	-
BLAST FURNACES, STEELWORKS, ROLLING AND FINISHING MILLS	32	-	32	-	-	-	-	-	-	-	-	-

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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LAWRENCE-HAVERHILL, MA-NH SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS-CON. INDUSTRY-CON.												
FABRICATED METAL INDUSTRIES	107	35	100	35	-	-	-	-	-	-	7	-
MACHINERY, EXCEPT ELECTRICAL	178	119	166	114	-	-	-	-	-	5	12	-
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	641	1 016	588	902	12	56	5	-	8	17	45	98
TRANSPORTATION EQUIPMENT	100	75	94	75	-	-	-	-	6	-	8	9
MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT	30	16	24	16	-	-	-	-	6	-	-	9
OTHER TRANSPORTATION EQUIPMENT	70	59	70	59	-	-	-	-	-	-	8	-
PROFESSIONAL AND PHOTOGRAPHIC EQUIPMENT, AND WATCHES	78	55	69	55	-	-	-	-	9	-	-	-
MISCELLANEOUS MANUFACTURING INDUSTRIES	62	12	35	12	8	-	-	-	-	-	23	-
NOT SPECIFIED MANUFACTURING INDUSTRIES	24	11	24	11	-	-	-	-	-	-	-	-
NONMANUFACTURING INDUSTRIES	132	74	102	74	7	-	-	-	-	-	19	-
CONSTRUCTION	6	-	6	-	-	-	-	-	-	-	-	-
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	27	5	20	5	7	-	-	-	-	-	-	-
WHOLESALE TRADE	47	13	24	13	-	-	-	-	-	-	19	-
RETAIL TRADE	20	5	20	5	-	-	-	-	-	-	-	-
BUSINESS AND REPAIR SERVICES	21	-	21	-	-	-	-	-	-	-	-	-
PUBLIC ADMINISTRATION	11	12	11	12	-	-	-	-	-	-	-	-
ALL OTHER INDUSTRIES	-	39	-	39	-	-	-	-	-	-	-	-
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	2 345	3 363	2 191	3 180	59	45	6	11	-	44	187	151
WELDERS AND CUTTERS	516	70	494	63	12	-	-	-	-	-	26	7
SOLDERERS AND BRAZERS	35	392	35	330	-	12	-	5	-	6	-	54
ASSEMBLERS	1 739	2 820	1 628	2 710	39	33	6	6	-	38	140	86
HAND CUTTING AND TRIMMING OCCUPATIONS	-	5	-	5	-	-	-	-	-	-	-	-
HAND MOLDING, CASTING, AND FORMING OCCUPATIONS	9	6	9	6	-	-	-	-	-	-	-	-
HAND PAINTING, COATING AND DECORATING OCCUPATIONS	34	24	13	24	8	-	-	-	-	-	21	-
HAND ENGRAVING AND PRINTING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
HAND GRINDING AND POLISHING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
MISCELLANEOUS HAND WORKING OCCUPATIONS	12	46	12	42	-	-	-	-	-	-	-	4
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 043	1 579	959	1 503	14	28	-	9	-	6	85	60
PRODUCTION INSPECTORS, CHECKERS, AND EXAMINERS	691	1 347	613	1 277	8	28	-	9	-	-	70	60
PRODUCTION TESTERS	285	165	285	159	-	-	-	-	-	6	15	-
PRODUCTION SAMPLERS AND WEIGHERS	4	7	4	7	-	-	-	-	-	-	-	-
GRADERS AND SORTERS, EXCEPT AGRICULTURAL	63	60	57	60	6	-	-	-	-	-	-	-
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	3 563	426	3 518	415	17	11	12	-	-	-	37	4
MOTOR VEHICLE OPERATORS	2 571	334	2 559	323	6	11	6	-	-	-	6	-
SUPERVISORS, MOTOR VEHICLE OPERATORS	24	7	24	7	-	-	-	-	-	-	-	-
TRUCK DRIVERS, HEAVY	1 371	42	1 359	42	6	-	6	-	-	-	6	-
TRUCK DRIVERS, LIGHT	682	21	682	21	-	-	-	-	-	-	-	-
DRIVER-SALES WORKERS	200	7	200	7	-	-	-	-	-	-	-	-
BUS DRIVERS	79	257	79	246	-	11	-	-	-	-	-	-
TAXICAB DRIVERS AND CHAUFFEURS	170	-	170	-	-	-	-	-	-	-	-	-
PARKING LOT ATTENDANTS	45	-	45	-	-	-	-	-	-	-	-	-
MOTOR TRANSPORTATION OCCUPATIONS, N.E.C.	-	-	-	-	-	-	-	-	-	-	-	-
RAIL TRANSPORTATION OCCUPATIONS	28	-	28	-	-	-	-	-	-	-	-	-
RAILROAD CONDUCTORS AND YARDMASTERS	11	-	11	-	-	-	-	-	-	-	-	-
LOCOMOTIVE OPERATING OCCUPATIONS	4	-	4	-	-	-	-	-	-	-	-	-
RAILROAD BRAKE, SIGNAL, AND SWITCH OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
RAIL VEHICLE OPERATORS, N.E.C.	13	-	13	-	-	-	-	-	-	-	-	-
WATER TRANSPORTATION OCCUPATIONS	7	-	7	-	-	-	-	-	-	-	-	-
SHIP CAPTAINS AND MATES, EXCEPT FISHING BOATS	-	-	-	-	-	-	-	-	-	-	-	-
SAILORS AND DECKHANDS	7	-	7	-	-	-	-	-	-	-	-	-
MARINE ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-
BRIDGE, LOCK, AND LIGHTHOUSE TENDERS	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	957	92	924	92	11	-	6	-	-	-	31	4
SUPERVISORS, MATERIAL MOVING EQUIPMENT OPERATORS	35	-	35	-	-	-	-	-	-	-	-	-
OPERATING ENGINEERS	181	-	175	-	-	-	6	-	-	-	-	-
LONGSHORE EQUIPMENT OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
HOIST AND WINCH OPERATORS	4	-	-	-	4	-	-	-	-	-	-	-
CRANE AND TOWER OPERATORS	43	-	43	-	-	-	-	-	-	-	-	-
EXCAVATING AND LOADING MACHINE OPERATORS	43	6	43	6	-	-	-	-	-	-	-	-
GRADER, DOZER, AND SCRAPER OPERATORS	17	-	17	-	-	-	-	-	-	-	-	-
INDUSTRIAL TRUCK AND TRACTOR EQUIPMENT OPERATORS	359	5	352	5	7	-	-	-	-	-	-	-
MISCELLANEOUS MATERIAL MOVING EQUIPMENT OPERATORS	275	81	259	81	-	-	-	-	-	-	31	4

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

LAWRENCE-HAVERHILL, MA-NH SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	3 875	1 176	3 734	1 077	14	36	31	6	7	-	190	104
SUPERVISORS; HANDLERS, EQUIPMENT CLEANERS, AND LABORERS, N.E.C.	7	-	7	-	-	-	-	-	-	-	-	-
HELPERS, MECHANICS AND REPAIRERS	-	-	-	-	-	-	-	-	-	-	-	-
HELPERS, CONSTRUCTION AND EXTRACTIVE OCCUPATIONS	72	-	72	-	-	-	-	-	-	-	5	-
HELPERS, CONSTRUCTION TRADES	67	-	67	-	-	-	-	-	-	-	-	-
HELPERS, SURVEYOR	5	-	5	-	-	-	-	-	-	-	5	-
HELPERS, EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
CONSTRUCTION LABORERS	508	8	490	8	-	-	8	-	-	-	17	-
PRODUCTION HELPERS	47	8	47	8	-	-	-	-	-	-	6	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	1 447	253	1 409	253	-	-	9	-	-	-	55	-
GARBAGE COLLECTORS	77	7	67	7	-	-	-	-	-	-	10	-
STEVEDORES	-	-	-	-	-	-	-	-	-	-	-	-
STOCK HANDLERS AND BAGGERS	995	176	981	176	-	-	9	-	-	-	9	-
MACHINE FEEDERS AND OFFBEARERS	76	36	76	36	-	-	-	-	-	-	17	-
FREIGHT, STOCK, AND MATERIAL HANDLERS, N.E.C.	299	34	285	34	-	-	-	-	-	-	19	-
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	338	20	338	20	-	-	-	-	-	-	-	-
VEHICLE WASHERS AND EQUIPMENT CLEANERS	137	12	111	12	-	-	-	-	7	-	24	-
HAND PACKERS AND PACKAGERS	354	731	322	632	14	36	-	6	-	-	27	98
LABORERS, EXCEPT CONSTRUCTION	965	144	938	144	-	-	14	-	-	-	56	6
MANUFACTURING	365	73	345	73	-	-	7	-	-	-	52	-
NONDURABLE GOODS	224	48	215	48	-	-	-	-	-	-	40	-
FOOD AND KINDRED PRODUCTS	34	5	34	5	-	-	-	-	-	-	-	-
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	66	32	57	32	-	-	-	-	-	-	33	-
PAPER AND ALLIED PRODUCTS	23	-	23	-	-	-	-	-	-	-	-	-
CHEMICALS AND ALLIED PRODUCTS	32	-	32	-	-	-	-	-	-	-	-	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS	5	-	5	-	-	-	-	-	-	-	-	-
OTHER NONDURABLE GOODS	64	11	64	11	-	-	-	-	-	-	7	-
DURABLE GOODS	135	25	124	25	-	-	7	-	-	-	12	-
FURNITURE, LUMBER, AND WOOD PRODUCTS	13	10	13	10	-	-	-	-	-	-	-	-
STONE, CLAY, GLASS, AND CONCRETE PRODUCTS	-	-	-	-	-	-	-	-	-	-	-	-
PRIMARY METAL INDUSTRIES	-	-	-	-	-	-	-	-	-	-	-	-
FABRICATED METAL INDUSTRIES	24	-	24	-	-	-	-	-	-	-	-	-
MACHINERY, EXCEPT ELECTRICAL	31	-	20	-	-	-	7	-	-	-	12	-
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	20	8	20	8	-	-	-	-	-	-	-	-
TRANSPORTATION EQUIPMENT	43	7	43	7	-	-	-	-	-	-	-	-
MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT	18	-	18	-	-	-	-	-	-	-	-	-
OTHER DURABLE GOODS	4	-	4	-	-	-	-	-	-	-	-	-
NOT SPECIFIED MANUFACTURING INDUSTRIES	6	-	6	-	-	-	-	-	-	-	-	-
NONMANUFACTURING INDUSTRIES	600	71	593	71	-	-	7	-	-	-	4	6
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	137	-	130	-	-	-	7	-	-	-	-	-
WHOLESALE TRADE	144	19	144	19	-	-	-	-	-	-	-	-
RETAIL TRADE	116	6	116	6	-	-	-	-	-	-	-	6
BUSINESS AND REPAIR SERVICES	54	-	54	-	-	-	-	-	-	-	-	-
PUBLIC ADMINISTRATION	55	8	55	8	-	-	-	-	-	-	-	-
ALL OTHER INDUSTRIES	94	38	94	38	-	-	-	-	-	-	4	-

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

PROVIDENCE-WARWICK-PAWTUCKET, RI-MA SMSA	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
EMPLOYED PERSONS 16 YEARS AND OVER	232 838	189 530	224 462	182 377	4 618	4 116	411	466	1 326	904	4 354	3 104
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	53 834	34 110	52 480	33 175	672	576	37	59	506	170	388	289
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	29 737	9 989	29 115	9 758	378	138	26	13	157	54	133	59
LEGISLATORS, CHIEF EXECUTIVES AND GENERAL ADMINISTRATORS; PUBLIC ADMINISTRATION	217	24	207	24	7	-	-	-	3	-	-	-
ADMINISTRATORS AND OFFICIALS, PUBLIC ADMINISTRATION	852	317	816	317	28	-	-	-	8	-	-	-
FEDERAL	233	36	210	36	15	-	-	-	8	-	-	-
STATE	348	144	340	144	8	-	-	-	-	-	-	-
LOCAL	271	137	266	137	5	-	-	-	-	-	-	-
ADMINISTRATORS, PROTECTIVE SERVICES	94	-	84	-	10	-	-	-	-	-	-	-
FINANCIAL MANAGERS	1 368	579	1 356	560	12	12	-	-	-	7	12	-
PERSONNEL AND LABOR RELATIONS MANAGERS	602	193	571	193	31	-	-	-	-	-	-	-
PURCHASING MANAGERS	256	32	256	32	-	-	-	-	-	-	-	-
MANAGERS, MARKETING, ADVERTISING, AND PUBLIC RELATIONS	2 539	374	2 510	374	12	-	-	-	12	-	5	-
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	1 232	683	1 210	664	8	19	6	-	8	-	-	16
MANAGERS, MEDICINE AND HEALTH	280	204	280	204	-	-	-	-	-	-	-	-
MANAGERS, PROPERTIES AND REAL ESTATE	364	177	349	177	9	-	-	-	-	-	-	-
POSTMASTERS AND MAIL SUPERINTENDENTS	38	7	38	7	-	-	-	-	-	-	-	-
FUNERAL DIRECTORS	188	21	188	21	-	-	-	-	-	-	-	-
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	14 308	4 492	14 046	4 393	119	55	13	4	103	20	63	36
CONSTRUCTION	586	92	586	83	-	-	-	-	-	-	-	9
MANUFACTURING	5 747	881	5 678	881	35	-	-	-	28	-	41	-
NONDURABLE GOODS	1 705	295	1 699	295	-	-	-	-	-	-	9	-
DURABLE GOODS	4 042	586	3 979	586	35	-	-	-	28	-	32	-
TRANSPORTATION	454	58	447	58	7	-	-	-	-	-	7	-
COMMUNICATIONS, UTILITIES AND SANITARY SERVICES	328	162	328	156	-	6	-	-	-	-	-	-
WHOLESALE TRADE	1 122	149	1 104	149	7	-	-	-	11	-	-	-
RETAIL TRADE	2 630	1 017	2 566	999	18	3	6	-	40	9	6	13
GENERAL MERCHANDISE STORES	169	95	169	95	-	-	-	-	-	-	-	-
FOOD, BAKERY, AND DAIRY STORES	380	77	373	77	7	-	-	-	-	-	-	-
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	289	73	289	73	-	-	-	-	-	-	-	-
EATING AND DRINKING PLACES	1 085	425	1 039	413	6	3	-	-	40	9	-	-
OTHER RETAIL TRADE	707	347	696	341	5	-	6	-	-	-	6	13
FINANCE, INSURANCE, AND REAL ESTATE	814	383	814	379	-	-	-	4	-	-	-	-
BUSINESS AND REPAIR SERVICES	654	174	654	174	-	-	-	-	-	-	-	-
PERSONAL SERVICES	225	148	212	144	-	-	-	-	13	4	-	-
ALL OTHER INDUSTRIES	1 748	1 428	1 657	1 370	52	46	7	-	11	7	9	14
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	1 220	296	1 199	296	14	-	7	-	-	-	6	-
CONSTRUCTION	132	7	132	7	-	-	-	-	-	-	-	-
MANUFACTURING	293	78	293	78	-	-	-	-	-	-	-	-
NONDURABLE GOODS	69	15	69	15	-	-	-	-	-	-	-	-
DURABLE GOODS	224	63	224	63	-	-	-	-	-	-	-	-
TRANSPORTATION	44	-	40	-	4	-	-	-	-	-	-	-
COMMUNICATIONS, UTILITIES AND SANITARY SERVICES	23	-	23	-	-	-	-	-	-	-	-	-
WHOLESALE TRADE	43	-	43	-	-	-	-	-	-	-	-	-
RETAIL TRADE	435	162	428	162	-	-	7	-	-	-	6	-
GENERAL MERCHANDISE STORES	7	-	7	-	-	-	-	-	-	-	-	-
FOOD, BAKERY, AND DAIRY STORES	30	24	30	24	-	-	-	-	-	-	-	-
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	33	-	33	-	-	-	-	-	-	-	-	-
EATING AND DRINKING PLACES	299	85	292	85	-	-	7	-	-	-	6	-
OTHER RETAIL TRADE	66	53	66	53	-	-	-	-	-	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE	20	-	20	-	-	-	-	-	-	-	-	-
BUSINESS AND REPAIR SERVICES	98	17	88	17	10	-	-	-	-	-	-	-
PERSONAL SERVICES	84	10	84	10	-	-	-	-	-	-	-	-
ALL OTHER INDUSTRIES	48	22	48	22	-	-	-	-	-	-	-	-
MANAGEMENT RELATED OCCUPATIONS	6 179	2 590	6 005	2 496	128	52	-	9	23	27	47	7
ACCOUNTANTS AND AUDITORS	2 519	777	2 452	765	62	-	-	-	5	12	12	-
UNDERWRITERS	48	75	48	75	-	-	-	-	-	-	-	-
OTHER FINANCIAL OFFICERS	904	486	881	462	-	10	-	5	-	9	13	-
MANAGEMENT ANALYSTS	171	74	155	74	4	-	-	-	12	-	-	-
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	724	566	706	515	18	35	-	4	-	6	-	-
PURCHASING AGENTS AND BUYERS, FARM PRODUCTS	22	-	22	-	-	-	-	-	-	-	-	-
BUYERS, WHOLESALE AND RETAIL TRADE EXCEPT FARM PRODUCTS	457	257	451	257	-	-	-	-	6	-	12	-
PURCHASING AGENTS AND BUYERS, N.E.C.	539	259	501	259	38	-	-	-	-	-	-	-
BUSINESS AND PROMOTION AGENTS	57	9	57	9	-	-	-	-	-	-	-	-
CONSTRUCTION INSPECTORS	195	-	189	-	6	-	-	-	-	-	10	-
INSPECTORS AND COMPLIANCE OFFICERS, EXC. CONSTRUCTION	523	52	523	45	-	7	-	-	-	-	-	7
MANAGEMENT RELATED OCCUPATIONS, N.E.C.	20	35	20	35	-	-	-	-	-	-	-	-
PROFESSIONAL SPECIALTY OCCUPATIONS	24 097	24 121	23 365	23 417	294	438	11	46	349	116	255	230
ENGINEERS, ARCHITECTS, AND SURVEYORS	4 653	171	4 462	171	59	-	6	-	120	-	43	-
ARCHITECTS	250	5	242	5	-	-	-	-	8	-	-	-
ENGINEERS	4 273	166	4 090	166	59	-	6	-	112	-	43	-
AEROSPACE	31	-	25	-	-	-	-	-	6	-	-	-
METALLURGICAL AND MATERIALS	113	-	86	-	-	-	-	-	27	-	-	-
MINING	6	-	6	-	-	-	-	-	-	-	-	-
PETROLEUM	12	-	6	-	6	-	-	-	-	-	-	-
CHEMICAL	48	-	40	-	-	-	-	-	8	-	-	-
NUCLEAR	6	-	6	-	-	-	-	-	-	-	-	-
CIVIL	474	-	449	-	15	-	-	-	4	-	22	-
AGRICULTURAL	5	5	5	5	-	-	-	-	-	-	-	-
ELECTRICAL AND ELECTRONIC	831	59	781	59	6	-	6	-	38	-	-	-
INDUSTRIAL	911	56	882	56	15	-	-	-	14	-	-	-
MECHANICAL	860	33	848	33	12	-	-	-	-	-	-	-
MARINE AND NAVAL ARCHITECTS	29	-	29	-	-	-	-	-	-	-	-	-
ENGINEERS, N.E.C.	947	13	927	13	5	-	-	-	15	-	21	-
SURVEYORS AND MAPPING SCIENTISTS	130	-	130	-	-	-	-	-	-	-	-	-

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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PROVIDENCE-WARWICK-PAWTUCKET, RI-MA SMSA	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
MATHEMATICAL AND COMPUTER SCIENTISTS	725	229	708	222	-	-	-	-	11	7	-	8
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	507	96	501	89	-	-	-	-	6	7	-	-
OPERATIONS AND SYSTEMS RESEARCHERS AND ANALYSTS	159	46	153	46	-	-	-	-	-	-	-	8
ACTUARIES	25	32	25	32	-	-	-	-	-	-	-	-
STATISTICIANS	34	55	29	55	-	-	-	-	5	-	-	-
MATHEMATICAL SCIENTISTS, N.E.C.	-	-	-	-	-	-	-	-	-	-	-	-
NATURAL SCIENTISTS	626	251	609	239	-	7	-	-	17	5	13	-
PHYSICISTS AND ASTRONOMERS	36	-	36	-	-	-	-	-	-	-	-	-
CHEMISTS, EXCEPT BIOCHEMISTS	276	65	276	58	-	7	-	-	-	-	-	-
ATMOSPHERIC AND SPACE SCIENTISTS	12	-	12	-	-	-	-	-	-	-	-	-
GEOLOGISTS AND GEODESISTS	61	19	55	19	-	-	-	-	6	-	-	-
PHYSICAL SCIENTISTS, N.E.C.	24	4	24	4	-	-	-	-	-	-	-	-
AGRICULTURAL AND FOOD SCIENTISTS	6	21	6	21	-	-	-	-	-	-	-	-
BIOLOGICAL AND LIFE SCIENTISTS	146	84	135	84	-	-	-	-	11	-	6	-
FORESTRY AND CONSERVATION SCIENTISTS	16	11	16	11	-	-	-	-	-	-	-	-
MEDICAL SCIENTISTS	49	47	49	42	-	-	-	-	-	5	7	-
HEALTH DIAGNOSING OCCUPATIONS	2 281	264	2 203	222	16	7	-	-	62	35	37	7
PHYSICIANS	1 530	247	1 464	205	16	7	-	-	50	35	37	7
DENTISTS	490	11	482	11	-	-	-	-	8	-	-	-
VETERINARIANS	87	-	87	-	-	-	-	-	-	-	-	-
OPTOMETRISTS	136	6	136	6	-	-	-	-	-	-	-	-
PODIATRISTS	26	-	22	-	-	-	-	-	4	-	-	-
HEALTH DIAGNOSING PRACTITIONERS, N.E.C.	12	-	12	-	-	-	-	-	-	-	-	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	952	7 107	923	6 955	10	115	-	-	14	20	14	52
REGISTERED NURSES	178	6 141	163	6 043	10	75	-	-	-	6	-	35
PHARMACISTS	492	162	478	155	-	-	-	-	14	7	14	-
DIETITIANS	34	192	34	185	-	-	-	-	-	7	-	7
THERAPISTS	206	576	206	546	-	30	-	-	-	-	-	-
INHALATION THERAPISTS	108	132	108	129	-	3	-	-	-	-	-	-
OCCUPATIONAL THERAPISTS	-	48	-	48	-	-	-	-	-	-	-	-
PHYSICAL THERAPISTS	30	140	30	121	-	19	-	-	-	-	-	-
SPEECH THERAPISTS	20	182	20	182	-	-	-	-	-	-	-	-
THERAPISTS, N.E.C.	48	74	48	66	-	8	-	-	-	-	-	-
PHYSICIANS' ASSISTANTS	42	36	42	26	-	10	-	-	-	-	-	10
TEACHERS, POSTSECONDARY	2 063	1 083	1 970	1 052	38	19	-	-	55	12	19	-
BIOLOGICAL SCIENCE TEACHERS	27	29	27	29	-	-	-	-	-	-	-	-
CHEMISTRY TEACHERS	89	6	84	6	-	-	-	-	5	-	-	-
PHYSICS TEACHERS	37	8	37	8	-	-	-	-	-	-	-	-
OTHER NATURAL SCIENCE TEACHERS	13	-	13	-	-	-	-	-	-	-	-	-
PSYCHOLOGY TEACHERS	28	-	28	-	-	-	-	-	-	-	-	-
ECONOMICS TEACHERS	25	-	25	-	-	-	-	-	-	-	-	-
HISTORY TEACHERS	50	20	50	20	-	-	-	-	-	-	-	-
OTHER SOCIAL SCIENCE TEACHERS	11	23	11	23	-	-	-	-	-	-	-	-
ENGINEERING TEACHERS	57	-	53	-	4	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENCE TEACHERS	58	19	58	19	-	-	-	-	-	-	-	-
MEDICAL SCIENCE TEACHERS	-	-	-	-	-	-	-	-	-	-	-	-
HEALTH SPECIALTIES TEACHERS	13	69	13	66	-	3	-	-	-	-	-	-
BUSINESS, COMMERCE, AND MARKETING TEACHERS	6	12	6	12	-	-	-	-	-	-	-	-
ART, DRAMA, AND MUSIC TEACHERS	52	55	52	55	-	-	-	-	-	-	-	-
ENGLISH TEACHERS	50	70	50	63	-	7	-	-	-	-	-	-
FOREIGN LANGUAGE TEACHERS	21	-	15	-	6	-	-	-	-	-	-	-
OTHER SPECIFIED TEACHERS	99	43	99	43	-	-	-	-	-	-	-	-
POSTSECONDARY TEACHERS, SUBJECT NOT SPECIFIED	1 427	729	1 349	708	28	9	-	-	50	12	19	-
TEACHERS, EXCEPT POSTSECONDARY	4 918	9 818	4 835	9 620	46	131	-	26	16	18	58	97
TEACHERS, PREKINDERGARTEN AND KINDERGARTEN	13	473	13	443	-	21	-	-	-	-	-	5
TEACHERS, ELEMENTARY SCHOOL	2 412	6 313	2 363	6 234	19	50	-	9	16	13	31	41
TEACHERS, SECONDARY SCHOOL	1 994	1 927	1 974	1 885	20	37	-	-	-	5	27	12
TEACHERS, SPECIAL EDUCATION	34	140	34	140	-	-	-	-	-	-	-	5
TEACHERS, N.E.C.	465	965	451	918	7	23	-	17	-	-	-	34
COUNSELORS, EDUCATIONAL AND VOCATIONAL	370	467	357	417	13	34	-	-	-	2	-	3
LIBRARIANS, ARCHIVISTS, AND CURATORS	191	863	181	848	-	-	-	-	5	-	5	9
LIBRARIANS	172	819	162	804	-	-	-	-	5	-	5	9
ARCHIVISTS AND CURATORS	19	44	19	44	-	-	-	-	-	-	-	-
SOCIAL SCIENTISTS AND URBAN PLANNERS	478	314	452	314	14	-	-	-	12	-	4	-
ECONOMISTS	187	53	179	53	-	-	-	-	8	-	-	-
PSYCHOLOGISTS	223	228	205	228	14	-	-	-	4	-	4	-
SOCIOLOGISTS	-	-	-	-	-	-	-	-	-	-	-	-
SOCIAL SCIENTISTS, N.E.C.	29	18	29	18	-	-	-	-	-	-	-	-
URBAN PLANNERS	39	15	39	15	-	-	-	-	-	-	-	-
SOCIAL, RECREATION, AND RELIGIOUS WORKERS	1 912	1 806	1 875	1 663	26	94	-	14	-	-	19	31
SOCIAL WORKERS	883	1 439	854	1 343	18	74	-	8	-	-	6	-
RECREATION WORKERS	80	151	80	125	-	20	-	6	-	-	-	-
CLERGY	926	95	918	74	8	-	-	-	-	-	13	31
RELIGIOUS WORKERS, N.E.C.	23	121	23	121	-	-	-	-	-	-	-	-
LAWYERS AND JUDGES	1 600	152	1 575	146	14	6	5	-	6	-	7	10
LAWYERS	1 491	131	1 466	125	14	6	5	-	6	-	7	10
JUDGES	109	21	109	21	-	-	-	-	-	-	-	-
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	3 328	1 596	3 215	1 548	58	25	-	6	31	17	36	13
AUTHORS	110	36	110	36	-	-	-	-	-	-	-	6
TECHNICAL WRITERS	59	33	50	33	9	-	-	-	-	-	-	-
DESIGNERS	1 155	563	1 126	552	18	-	-	-	6	11	12	-
MUSICIANS AND COMPOSERS	399	71	394	71	-	-	-	-	-	-	12	-
ACTORS AND DIRECTORS	143	46	143	36	-	10	-	-	-	-	-	-
PAINTERS, SCULPTORS, CRAFT-ARTISTS, AND ARTIST PRINTMAKERS	287	219	287	213	-	-	-	-	-	6	-	-
PHOTOGRAPHERS	271	44	266	44	-	-	-	-	5	-	-	-
DANCERS	7	13	7	13	-	-	-	-	-	-	-	-
ARTISTS, PERFORMERS AND RELATED WORKERS, N.E.C.	96	50	89	44	-	-	-	6	-	-	7	-
EDITORS AND REPORTERS	448	250	428	244	-	6	-	-	20	-	5	7
PUBLIC RELATIONS SPECIALISTS	141	196	141	187	-	9	-	-	-	-	-	-
ANNOUNCERS	137	12	112	12	18	-	-	-	-	-	-	-
ATHLETES	75	63	62	63	13	-	-	-	-	-	-	-

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

PROVIDENCE-WARWICK-PAWTUCKET, RI-MA SMSA	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	43 065	78 528	41 831	76 319	794	1 454	87	219	178	219	306	522
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	5 797	5 659	5 589	5 511	111	99	-	6	84	38	29	29
HEALTH TECHNOLOGISTS AND TECHNICIANS	715	4 124	684	3 995	25	99	-	6	6	19	-	29
CLINICAL LABORATORY TECHNOLOGISTS AND TECHNICIANS	323	827	311	788	6	28	-	-	6	6	-	6
DENTAL HYGIENISTS	-	213	-	213	-	-	-	-	-	-	-	5
HEALTH RECORD TECHNOLOGISTS AND TECHNICIANS	-	35	-	27	-	8	-	-	-	-	-	-
RADIOLOGIC TECHNICIANS	71	472	65	464	6	8	-	-	-	-	-	-
LICENSED PRACTICAL NURSES	42	2 165	42	2 111	-	35	-	6	-	13	-	18
HEALTH TECHNOLOGISTS AND TECHNICIANS, N.E.C.	279	412	266	392	13	20	-	-	-	-	-	-
ENGINEERING AND RELATED TECHNOLOGISTS AND TECHNICIANS	2 897	542	2 785	542	46	-	-	-	53	-	10	-
ELECTRICAL AND ELECTRONIC TECHNICIANS	768	74	742	74	10	-	-	-	3	-	10	-
INDUSTRIAL ENGINEERING TECHNICIANS	17	9	17	9	-	-	-	-	-	-	-	-
MECHANICAL ENGINEERING TECHNICIANS	27	-	27	-	-	-	-	-	-	-	-	-
ENGINEERING TECHNICIANS, N.E.C.	700	293	677	293	5	-	-	-	18	-	-	-
DRAFTING OCCUPATIONS	1 259	161	1 196	161	31	-	-	-	32	-	-	-
SURVEYING AND MAPPING TECHNICIANS	126	5	126	5	-	-	-	-	-	-	-	-
SCIENCE TECHNICIANS	443	244	443	244	-	-	-	-	-	-	-	-
BIOLOGICAL TECHNICIANS	36	7	36	7	-	-	-	-	-	-	-	-
CHEMICAL TECHNICIANS	232	120	232	120	-	-	-	-	-	-	-	-
SCIENCE TECHNICIANS, N.E.C.	175	117	175	117	-	-	-	-	-	-	-	-
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	1 742	749	1 677	730	40	-	-	-	25	19	19	-
AIRPLANE PILOTS AND NAVIGATORS	73	-	67	-	6	-	-	-	-	-	-	-
AIR TRAFFIC CONTROLLERS	27	-	27	-	-	-	-	-	-	-	-	-
BROADCAST EQUIPMENT OPERATORS	170	24	164	24	6	-	-	-	-	-	6	-
COMPUTER PROGRAMMERS	592	340	592	328	-	-	-	-	-	12	-	-
TOOL PROGRAMMERS, NUMERICAL CONTROL	27	16	27	16	-	-	-	-	-	-	-	-
LEGAL ASSISTANTS	73	134	61	134	12	-	-	-	-	-	-	-
TECHNICIANS, N.E.C.	780	235	739	228	16	-	-	-	25	7	13	-
SALES OCCUPATIONS	20 171	17 273	19 843	16 996	180	144	28	36	57	60	60	81
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS, SALARIED	3 755	1 181	3 703	1 174	23	7	6	-	19	-	12	6
MANUFACTURING	172	73	172	73	-	-	-	-	-	-	-	-
WHOLESALE TRADE	326	20	326	20	-	-	-	-	-	-	-	-
RETAIL TRADE	3 056	1 032	3 004	1 032	23	-	6	-	19	-	12	6
ALL OTHER INDUSTRIES	201	56	201	49	-	7	-	-	-	-	-	-
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS, SELF-EMPLOYED	843	344	793	344	24	-	-	-	10	-	10	-
MANUFACTURING	18	12	18	12	-	-	-	-	-	-	-	-
WHOLESALE TRADE	70	30	64	30	-	-	-	-	-	-	-	-
RETAIL TRADE	740	294	696	294	24	-	-	-	10	-	10	-
ALL OTHER INDUSTRIES	15	8	15	8	-	-	-	-	-	-	-	-
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	4 018	2 037	3 985	2 001	13	18	7	-	-	7	13	11
INSURANCE SALES OCCUPATIONS	1 848	528	1 841	510	-	11	7	-	-	7	6	-
REAL ESTATE SALES OCCUPATIONS	932	822	919	811	7	-	-	-	-	-	-	11
SECURITIES AND FINANCIAL SERVICES SALES OCCUPATIONS	214	33	207	33	-	-	-	-	-	-	7	-
ADVERTISING AND RELATED SALES OCCUPATIONS	277	115	277	108	-	7	-	-	-	-	-	-
SALES OCCUPATIONS, OTHER BUSINESS SERVICES	747	539	741	539	6	-	-	-	-	-	-	-
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	4 663	661	4 599	661	45	-	8	-	-	-	22	-
SALES ENGINEERS	330	5	330	5	-	-	-	-	-	-	-	-
SALES REPRESENTATIVES, MINING, MANUFACTURING, AND WHOLESALE	4 333	656	4 269	656	45	-	8	-	-	-	22	-
WHOLESALE TRADE	2 803	316	2 747	316	37	-	8	-	-	-	22	-
SALES WORKERS, RETAIL AND PERSONAL SERVICES	6 805	13 000	6 688	12 766	68	119	7	36	28	53	3	64
SALES WORKERS, MOTOR VEHICLES AND BOATS	928	66	921	66	-	-	7	-	-	-	-	-
SALES WORKERS, APPAREL	291	1 587	291	1 583	-	4	-	-	-	-	-	6
SALES WORKERS, SHOES	180	224	180	216	-	8	-	-	-	-	-	-
SALES WORKERS, FURNITURE AND HOME FURNISHINGS	315	134	315	126	-	-	-	-	-	-	-	-
SALES WORKERS, RADIO, TV, HI-FI, AND APPLIANCES	304	94	291	94	-	-	-	-	13	-	-	-
SALES WORKERS, HARDWARE AND BUILDING SUPPLIES	507	64	500	64	7	-	-	-	-	-	-	-
SALES WORKERS, PARTS	437	40	437	40	-	-	-	-	-	-	-	-
SALES WORKERS, OTHER COMMODITIES	1 693	4 299	1 665	4 254	21	25	-	-	7	20	-	19
RETAIL TRADE	1 545	4 241	1 532	4 196	6	25	-	-	7	20	-	19
PERSONAL, BUSINESS AND REPAIR SERVICES	19	24	19	24	-	-	-	-	-	-	-	-
ALL OTHER INDUSTRIES	129	34	114	34	15	-	-	-	-	-	-	-
SALES COUNTER CLERKS	52	257	52	257	-	-	-	-	-	-	-	-
CASHIERS	1 716	5 820	1 663	5 670	31	68	-	31	8	33	3	39
STREET AND DOOR-TO-DOOR SALES WORKERS	114	299	114	280	-	14	-	5	-	-	-	-
NEWS VENDORS	268	116	259	116	9	-	-	-	-	-	-	-
SALES RELATED OCCUPATIONS	87	50	75	50	7	-	-	-	-	-	-	-
DEMONSTRATORS, PROMOTERS AND MODELS, SALES	52	18	40	18	7	-	-	-	-	-	-	-
AUCTIONEERS	7	-	7	-	-	-	-	-	-	-	-	-
SALES SUPPORT OCCUPATIONS, N.E.C.	28	32	28	32	-	-	-	-	-	-	-	-
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	17 097	55 596	16 399	53 812	503	1 211	59	177	37	121	217	412
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	2 623	2 434	2 575	2 345	28	83	9	-	4	-	18	17
SUPERVISORS, GENERAL OFFICE	1 216	1 810	1 176	1 747	24	57	9	-	-	-	18	11
SUPERVISORS, COMPUTER EQUIPMENT OPERATORS	74	74	74	74	-	-	-	-	-	-	-	-
SUPERVISORS, FINANCIAL RECORDS PROCESSING	329	322	329	308	-	14	-	-	-	-	-	6
CHIEF COMMUNICATIONS OPERATORS	168	56	168	56	-	-	-	-	-	-	-	-
SUPERVISORS; DISTRIBUTION, SCHEDULING, AND ADJUSTING CLERKS	836	172	828	160	4	12	-	-	4	-	-	-

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TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

PROVIDENCE-WARWICK-PAWTUCKET, RI-MA SMSA	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
COMPUTER EQUIPMENT OPERATORS	496	1 223	476	1 166	15	37	-	-	-	-	19	20
COMPUTER OPERATORS	489	1 156	469	1 112	15	37	-	-	-	-	19	-
PERIPHERAL EQUIPMENT OPERATORS	7	67	7	54	-	-	-	-	-	-	-	20
SECRETARIES, STENOGRAPHERS, AND TYPISTS	178	18 333	168	17 866	5	304	-	55	5	24	-	66
SECRETARIES	132	14 704	132	14 410	-	189	-	36	-	18	-	66
STENOGRAPHERS	4	430	4	424	-	6	-	-	-	-	-	-
TYPISTS	42	3 199	32	3 032	5	109	-	19	5	6	-	-
INFORMATION CLERKS	357	2 618	324	2 550	29	26	-	5	4	-	-	50
INTERVIEWERS	111	428	92	406	19	6	-	-	-	-	-	16
HOTEL CLERKS	24	67	20	67	-	-	-	-	4	-	-	-
TRANSPORTATION TICKET AND RESERVATION AGENTS	41	75	41	75	-	-	-	-	-	-	-	-
RECEPTIONISTS	89	1 754	83	1 719	6	14	-	5	-	-	-	19
INFORMATION CLERKS, N.E.C.	92	294	88	283	4	6	-	-	-	-	-	15
RECORDS PROCESSING OCCUPATIONS, EXCEPT FINANCIAL	1 071	3 841	1 020	3 605	31	192	6	7	-	15	12	47
CLASSIFIED-AD CLERKS	5	84	5	84	-	-	-	-	-	-	-	-
CORRESPONDENCE CLERKS	19	153	19	149	-	4	-	-	-	-	-	-
ORDER CLERKS	506	1 065	506	1 005	-	52	-	-	-	8	6	15
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	37	315	37	275	-	40	-	-	-	-	-	-
LIBRARY CLERKS	173	703	173	680	-	16	-	-	-	7	6	11
FILE CLERKS	268	1 167	223	1 085	31	53	-	7	-	-	-	21
RECORDS CLERKS	63	354	57	327	-	27	6	-	-	-	-	-
FINANCIAL RECORDS PROCESSING OCCUPATIONS	948	8 878	908	8 730	31	85	9	23	-	22	8	56
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	568	6 810	542	6 681	17	74	9	15	-	22	-	40
PAYROLL AND TIMEKEEPING CLERKS	166	829	166	829	-	-	-	-	-	-	-	9
BILLING CLERKS	54	744	54	740	-	4	-	-	-	-	8	7
COST AND RATE CLERKS	118	295	104	295	14	-	-	-	-	-	-	-
BILLING, POSTING, AND CALCULATING MACHINE OPERATORS	42	200	42	185	-	7	-	8	-	-	-	-
DUPLICATING, MAIL, AND OTHER OFFICE MACHINE OPERATORS	74	138	74	133	-	5	-	-	-	-	-	-
DUPLICATING MACHINE OPERATORS	29	40	29	35	-	5	-	-	-	-	-	-
MAIL PREPARING AND PAPER HANDLING MACHINE OPERATORS	20	20	20	20	-	-	-	-	-	-	-	-
OFFICE MACHINE OPERATORS, N.E.C.	25	78	25	78	-	-	-	-	-	-	-	-
COMMUNICATIONS EQUIPMENT OPERATORS	15	1 056	15	1 024	-	7	-	11	-	7	-	5
TELEPHONE OPERATORS	10	1 031	10	1 006	-	7	-	11	-	-	-	5
TELEGRAPHERS	-	8	-	8	-	-	-	-	-	-	-	-
COMMUNICATIONS EQUIPMENT OPERATORS, N.E.C.	5	17	5	10	-	-	-	-	-	7	-	-
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	2 573	586	2 474	532	77	45	-	5	-	4	48	7
POSTAL CLERKS, EXCEPT MAIL CARRIERS	888	190	846	178	42	12	-	-	-	-	-	-
MAIL CARRIERS, POSTAL SERVICE	1 148	52	1 139	52	4	-	-	-	-	-	31	-
MAIL CLERKS, EXCEPT POSTAL SERVICE	298	244	275	220	6	20	-	-	-	4	17	-
MESSENGERS	239	100	214	82	25	13	-	5	-	-	-	7
MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING CLERKS	6 036	3 060	5 747	2 987	219	39	23	12	20	22	98	25
DISPATCHERS	218	62	218	62	-	-	-	-	-	-	-	-
PRODUCTION COORDINATORS	735	767	691	741	44	19	-	7	-	-	12	-
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	2 839	646	2 700	638	106	5	15	-	5	3	34	-
STOCK AND INVENTORY CLERKS	1 571	953	1 494	932	48	7	-	-	15	14	35	15
METER READERS	158	-	144	-	14	-	-	-	-	-	-	-
WEIGHERS, MEASURERS, AND CHECKERS	130	152	122	134	-	8	8	5	-	5	-	10
SAMPLERS	6	-	6	-	-	-	-	-	-	-	-	-
EXPEDITERS	338	317	331	317	7	-	-	-	-	-	17	-
MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING CLERKS, N.E.C.	41	163	41	163	-	-	-	-	-	-	-	-
ADJUSTERS AND INVESTIGATORS	771	1 270	729	1 209	35	33	-	8	-	-	-	-
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	377	403	367	373	10	14	-	8	-	-	-	-
INVESTIGATORS AND ADJUSTERS, EXCEPT INSURANCE	241	484	223	466	18	6	-	-	-	-	-	-
ELIGIBILITY CLERKS, SOCIAL WELFARE	40	144	40	138	-	6	-	-	-	-	-	-
BILL AND ACCOUNT COLLECTORS	113	239	99	232	7	7	-	-	-	-	-	-
MISCELLANEOUS ADMINISTRATIVE SUPPORT OCCUPATIONS	1 955	12 159	1 889	11 665	33	355	12	51	4	27	14	119
GENERAL OFFICE CLERKS	774	5 713	745	5 511	11	165	6	11	-	9	-	39
BANK TELLERS	174	2 093	163	2 059	11	28	-	-	-	-	10	21
PROOFREADERS	42	80	42	80	-	-	-	-	-	-	4	-
DATA-ENTRY KEYERS	176	1 720	166	1 589	6	74	-	12	4	14	-	26
STATISTICAL CLERKS	151	468	151	432	-	36	-	-	-	-	-	-
TEACHERS' AIDES	59	952	59	898	-	15	-	28	-	4	-	33
ADMINISTRATIVE SUPPORT OCCUPATIONS, N.E.C.	579	1 133	563	1 096	5	37	6	-	-	-	-	-
SERVICE OCCUPATIONS	26 330	28 994	24 930	27 455	921	1 097	70	94	234	168	433	328
PRIVATE HOUSEHOLD OCCUPATIONS	51	1 105	51	979	-	88	-	7	-	7	-	10
OCCUPATION:												
LAUNDERERS AND IRONERS	-	-	-	-	-	-	-	-	-	-	-	-
COOKS, PRIVATE HOUSEHOLD	13	37	13	27	-	6	-	-	-	4	-	-
HOUSEKEEPERS AND BUTLERS	4	98	4	84	-	14	-	-	-	-	-	-
CHILD CARE WORKERS, PRIVATE HOUSEHOLD	9	358	9	352	-	6	-	-	-	-	-	6
PRIVATE HOUSEHOLD CLEANERS AND SERVANTS	25	612	25	516	-	62	-	7	-	3	-	4
LIVING ARRANGEMENT:												
LIVING IN	8	69	8	65	-	-	-	-	-	4	-	6
LIVING OUT	43	1 036	43	914	-	88	-	7	-	3	-	4

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

PROVIDENCE-WARWICK-PAWTUCKET, RI-MA SMSA	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
PROTECTIVE SERVICE OCCUPATIONS	6 513	816	6 286	808	198	-	-	-	16	8	45	8
SUPERVISORS, PROTECTIVE SERVICE OCCUPATIONS	388	11	365	11	23	-	-	-	-	-	5	-
SUPERVISORS, FIREFIGHTING AND FIRE PREVENTION OCCUPATIONS	87	-	76	-	11	-	-	-	-	-	-	-
SUPERVISORS, POLICE AND DETECTIVES	235	-	235	-	-	-	-	-	-	-	-	-
SUPERVISORS, GUARDS	66	11	54	11	12	-	-	-	-	-	5	-
FIREFIGHTING AND FIRE PREVENTION OCCUPATIONS	1 502	15	1 467	15	35	-	-	-	-	-	-	-
FIRE INSPECTION AND FIRE PREVENTION OCCUPATIONS	72	15	72	15	-	-	-	-	-	-	-	-
FIREFIGHTING OCCUPATIONS	1 430	-	1 395	-	35	-	-	-	-	-	-	-
POLICE AND DETECTIVES	2 438	99	2 381	99	46	-	-	-	11	-	6	-
POLICE AND DETECTIVES, PUBLIC SERVICE	2 059	40	2 025	40	23	-	-	-	11	-	-	-
SHERIFFS, BAILIFFS, AND OTHER ENFORCEMENT OFFICERS	74	38	67	38	7	-	-	-	-	-	-	-
CORRECTIONAL INSTITUTION OFFICERS	305	21	289	21	16	-	-	-	-	-	6	-
GUARDS	2 185	691	2 073	683	94	-	-	-	5	8	34	8
CROSSING GUARDS	47	304	47	304	-	-	-	-	-	-	-	-
GUARDS AND POLICE, EXCEPT PUBLIC SERVICE	2 028	289	1 916	281	94	-	-	-	5	8	34	8
PROTECTIVE SERVICE OCCUPATIONS, N.E.C.	110	98	110	98	-	-	-	-	-	-	-	-
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	19 766	27 073	18 593	25 668	723	1 009	70	87	218	153	388	310
FOOD PREPARATION AND SERVICE OCCUPATIONS	8 234	12 433	7 724	12 143	229	161	24	-	196	91	106	133
SUPERVISORS, FOOD PREPARATION AND SERVICE OCCUPATIONS	558	495	517	487	4	-	-	-	29	-	6	16
BARTENDERS	968	400	935	400	8	-	-	-	18	-	7	-
WAITERS AND WAITRESSES	583	6 004	543	5 895	6	33	-	-	34	52	7	69
COOKS, EXCEPT SHORT ORDER	2 950	1 610	2 772	1 563	53	36	-	-	98	5	39	36
SHORT-ORDER COOKS	404	100	395	91	9	9	-	-	-	-	-	-
FOOD COUNTER, FOUNTAIN AND RELATED OCCUPATIONS	162	926	155	906	7	16	-	-	-	4	-	-
KITCHEN WORKERS, FOOD PREPARATION	95	261	95	255	-	6	-	-	-	-	-	-
WAITERS' AND WAITRESSES' ASSISTANTS	524	534	488	524	31	10	5	-	-	-	-	-
MISCELLANEOUS FOOD PREPARATION OCCUPATIONS	1 990	2 103	1 824	2 022	111	51	19	-	17	30	47	12
HEALTH SERVICE OCCUPATIONS	1 360	8 133	1 236	7 442	104	536	12	43	8	38	6	111
DENTAL ASSISTANTS	7	578	7	578	-	-	-	-	-	-	-	8
HEALTH AIDES, EXCEPT NURSING	263	1 271	235	1 237	20	5	-	11	8	-	-	13
NURSING AIDES, ORDERLIES, AND ATTENDANTS	1 090	6 284	994	5 627	84	531	12	32	-	38	6	90
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	8 523	2 027	8 035	1 817	346	159	34	15	14	15	246	34
SUPERVISORS, CLEANING AND BUILDING SERVICE WORKERS	365	56	365	56	-	-	-	-	-	-	-	-
MAIDS AND HOUSEMEN	920	1 166	845	999	60	123	4	15	1	15	33	28
JANITORS AND CLEANERS	7 124	794	6 721	751	276	36	30	-	13	-	205	6
ELEVATOR OPERATORS	57	11	47	11	10	-	-	-	-	-	8	-
PEST CONTROL OCCUPATIONS	57	-	57	-	-	-	-	-	-	-	-	-
PERSONAL SERVICE OCCUPATIONS	1 649	4 480	1 598	4 266	44	153	-	29	-	9	30	32
SUPERVISORS, PERSONAL SERVICE OCCUPATIONS	81	44	81	31	-	13	-	-	-	-	-	-
BARBERS	405	15	405	7	-	8	-	-	-	-	6	-
HAIRDRESSERS AND COSMETOLOGISTS	393	1 882	393	1 859	-	23	-	-	-	-	-	6
ATTENDANTS, AMUSEMENT AND RECREATION FACILITIES	164	85	161	85	3	-	-	-	-	-	-	-
GUIDES	26	125	13	113	13	12	-	-	-	-	-	-
USHERS	98	-	98	-	-	-	-	-	-	-	-	-
PUBLIC TRANSPORTATION ATTENDANTS	55	91	55	86	-	5	-	-	-	-	-	-
BAGGAGE PORTERS AND BELLHOPS	56	-	28	-	28	-	-	-	-	-	-	-
WELFARE SERVICE AIDES	9	265	9	239	-	26	-	-	-	-	-	7
CHILD CARE WORKERS, EXCEPT PRIVATE HOUSEHOLD	91	1 274	91	1 194	-	44	-	24	-	-	-	13
PERSONAL SERVICE OCCUPATIONS, N.E.C.	271	699	264	652	-	22	-	5	-	9	24	6
FARMING, FORESTRY, AND FISHING OCCUPATIONS	2 390	420	2 342	420	5	-	7	-	5	-	60	9
FARM OPERATORS AND MANAGERS	309	66	304	66	5	-	-	-	-	-	-	-
FARMERS, EXCEPT HORTICULTURAL	192	46	187	46	5	-	-	-	-	-	-	-
AGRICULTURAL PRODUCTION, CROPS	81	17	81	17	-	-	-	-	-	-	-	-
HORTICULTURAL SPECIALTY FARMERS	22	-	22	-	-	-	-	-	-	-	-	-
MANAGERS, FARMS, EXCEPT HORTICULTURAL	56	20	56	20	-	-	-	-	-	-	-	-
MANAGERS, HORTICULTURAL SPECIALTY FARMS	39	-	39	-	-	-	-	-	-	-	-	-
FARM OCCUPATIONS, EXCEPT MANAGERIAL	253	71	253	71	-	-	-	-	-	-	-	-
SUPERVISORS, FARM WORKERS	17	7	17	7	-	-	-	-	-	-	-	-
FARM WORKERS	192	54	192	54	-	-	-	-	-	-	-	-
AGRICULTURAL PRODUCTION, CROPS	125	12	125	12	-	-	-	-	-	-	-	-
MARINE LIFE CULTIVATION WORKERS	-	-	-	-	-	-	-	-	-	-	-	-
NURSERY WORKERS	44	10	44	10	-	-	-	-	-	-	-	-
RELATED AGRICULTURAL OCCUPATIONS	1 087	246	1 056	246	-	-	-	-	-	-	60	9
SUPERVISORS, RELATED AGRICULTURAL OCCUPATIONS	69	-	69	-	-	-	-	-	-	-	-	-
GROUNDSKEEPERS AND GARDENERS, EXCEPT FARM	935	18	911	18	-	-	-	-	-	-	60	-
ANIMAL CARETAKERS, EXCEPT FARM	83	201	76	201	-	-	-	-	-	-	-	9
GRADERS AND SORTERS, AGRICULTURAL PRODUCTS	-	13	-	13	-	-	-	-	-	-	-	-
INSPECTORS, AGRICULTURAL PRODUCTS	-	14	-	14	-	-	-	-	-	-	-	-
FORESTRY AND LOGGING OCCUPATIONS	77	-	70	-	-	-	7	-	-	-	-	-
SUPERVISORS, FORESTRY AND LOGGING WORKERS	-	-	-	-	-	-	-	-	-	-	-	-
FORESTRY WORKERS, EXCEPT LOGGING	9	-	9	-	-	-	-	-	-	-	-	-
TIMBER CUTTING AND LOGGING OCCUPATIONS	68	-	61	-	-	-	7	-	-	-	-	-
FISHERS, HUNTERS, AND TRAPPERS	664	37	659	37	-	-	-	-	5	-	-	-
CAPTAINS AND OTHER OFFICERS, FISHING VESSELS	52	-	52	-	-	-	-	-	-	-	-	-
FISHERS	596	37	591	37	-	-	-	-	5	-	-	-
HUNTERS AND TRAPPERS	16	-	16	-	-	-	-	-	-	-	-	-

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

PROVIDENCE-WARWICK-PAWTUCKET, RI-MA SMSA	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	49 235	8 646	47 840	8 144	771	215	56	36	169	77	803	227
MECHANICS AND REPAIRERS	13 938	778	13 594	739	203	5	6	6	34	-	223	18
SUPERVISORS, MECHANICS AND REPAIRERS	375	15	375	15	-	-	-	-	-	-	-	-
MECHANICS AND REPAIRERS, EXCEPT SUPERVISORS	13 563	763	13 219	724	203	5	6	6	34	-	223	18
VEHICLE AND MOBILE EQUIPMENT MECHANICS AND REPAIRERS	5 572	44	5 452	44	78	-	6	-	21	-	40	-
AUTOMOBILE MECHANICS	3 741	26	3 630	26	69	-	6	-	21	-	35	-
BUS, TRUCK, AND STATIONARY ENGINE MECHANICS	330	-	330	-	-	-	-	-	-	-	-	-
AIRCRAFT MECHANICS	109	5	109	5	-	-	-	-	-	-	-	-
SMALL ENGINE REPAIRERS	167	8	167	8	-	-	-	-	-	-	-	-
AUTOMOBILE BODY AND RELATED REPAIRERS	817	5	808	5	9	-	-	-	-	-	5	-
HEAVY EQUIPMENT MECHANICS	365	-	365	-	-	-	-	-	-	-	-	-
FARM EQUIPMENT MECHANICS	43	-	43	-	-	-	-	-	-	-	-	-
INDUSTRIAL MACHINERY REPAIRERS	2 920	426	2 803	405	70	5	-	6	-	-	146	-
MACHINERY MAINTENANCE OCCUPATIONS	119	5	119	5	-	-	-	-	-	-	-	-
ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS	1 986	79	1 933	79	36	-	-	-	-	-	7	-
ELECTRONIC REPAIRERS, COMMUNICATIONS AND INDUSTRIAL EQUIPMENT	443	41	443	41	-	-	-	-	-	-	7	-
DATA PROCESSING EQUIPMENT REPAIRERS	212	9	188	9	20	-	-	-	-	-	-	-
HOUSEHOLD APPLIANCE AND POWER TOOL REPAIRERS	206	6	200	6	-	-	-	-	-	-	-	-
TELEPHONE LINE INSTALLERS AND REPAIRERS	158	-	151	-	7	-	-	-	-	-	-	-
TELEPHONE INSTALLERS AND REPAIRERS	908	23	892	23	9	-	-	-	-	-	-	-
MISCELLANEOUS ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS	59	-	59	-	-	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	682	6	669	6	-	-	-	-	6	-	-	-
MISCELLANEOUS MECHANICS AND REPAIRERS	2 284	203	2 243	185	19	-	-	-	7	-	30	18
CAMERA, WATCH, AND MUSICAL INSTRUMENT REPAIRERS	105	42	98	42	-	-	-	-	-	-	-	-
LOCKSMITHS AND SAFE REPAIRERS	71	-	71	-	-	-	-	-	-	-	-	-
OFFICE MACHINE REPAIRERS	115	-	115	-	-	-	-	-	-	-	-	-
MECHANICAL CONTROLS AND VALVE REPAIRERS	145	-	132	-	13	-	-	-	-	-	-	-
ELEVATOR INSTALLERS AND REPAIRERS	50	5	50	5	-	-	-	-	-	-	-	-
MILLWRIGHTS	393	16	393	16	-	-	-	-	-	-	8	-
SPECIFIED MECHANICS AND REPAIRERS, N.E.C.	1 023	111	1 016	93	-	-	-	-	7	-	7	18
NOT SPECIFIED MECHANICS AND REPAIRERS	382	29	368	29	6	-	-	-	-	-	15	-
CONSTRUCTION TRADES	14 183	234	13 860	228	180	6	32	-	42	-	113	-
SUPERVISORS; CONSTRUCTION OCCUPATIONS	2 016	21	1 978	21	29	-	-	-	-	-	14	-
SUPERVISORS; BRICKMASONS, STONEMASONS, AND TILE SETTERS	12	-	12	-	-	-	-	-	-	-	-	-
SUPERVISORS; CARPENTERS AND RELATED WORKERS	194	-	194	-	-	-	-	-	-	-	-	-
SUPERVISORS; ELECTRICIANS AND POWER TRANSMISSION INSTALLERS	88	-	88	-	-	-	-	-	-	-	-	-
SUPERVISORS; PAINTERS, PAPERHANGERS, AND PLASTERERS	28	-	28	-	-	-	-	-	-	-	-	-
SUPERVISORS; PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	40	-	40	-	-	-	-	-	-	-	-	-
SUPERVISORS; N.E.C.	1 654	21	1 616	21	29	-	-	-	-	-	14	-
CONSTRUCTION TRADES, EXCEPT SUPERVISORS	12 167	213	11 882	207	151	6	32	-	42	-	99	-
BRICKMASONS AND STONEMASONS	284	5	279	5	5	-	-	-	-	-	-	-
TILE SETTERS, HARD AND SOFT	116	-	116	-	-	-	-	-	-	-	-	-
CARPET INSTALLERS	236	-	227	-	-	-	9	-	-	-	-	-
CARPENTERS	4 415	43	4 326	37	43	6	9	-	-	-	45	-
DRYWALL INSTALLERS	175	-	159	-	-	-	-	-	16	-	-	-
ELECTRICIANS	1 936	32	1 868	32	44	-	7	-	11	-	13	-
ELECTRICAL POWER INSTALLERS AND REPAIRERS	270	6	256	6	8	-	-	-	-	-	-	-
PAINTERS, CONSTRUCTION AND MAINTENANCE	1 240	80	1 219	80	-	-	-	-	15	-	15	-
PAPERHANGERS	41	-	41	-	-	-	-	-	-	-	-	-
PLASTERERS	135	-	135	-	-	-	-	-	-	-	-	-
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	1 863	23	1 844	23	7	-	7	-	-	-	13	-
CONCRETE AND TERRAZZO FINISHERS	22	-	22	-	-	-	-	-	-	-	-	-
GLAZIERS	154	8	154	8	-	-	-	-	-	-	-	-
INSULATION WORKERS	209	16	190	16	19	-	-	-	-	-	-	-
PAVING, SURFACING, AND TAMPING EQUIPMENT OPERATORS	24	-	24	-	-	-	-	-	-	-	-	-
ROOFERS	320	-	295	-	25	-	-	-	-	-	8	-
SHEETMETAL DUCT INSTALLERS	102	-	102	-	-	-	-	-	-	-	-	-
STRUCTURAL METAL WORKERS	144	-	144	-	-	-	-	-	-	-	5	-
DRILLERS, EARTH	77	-	77	-	-	-	-	-	-	-	-	-
CONSTRUCTION TRADES, N.E.C.	404	-	404	-	-	-	-	-	-	-	-	-
EXTRACTIVE OCCUPATIONS	95	-	95	-	-	-	-	-	-	-	-	-
SUPERVISORS, EXTRACTIVE OCCUPATIONS	39	-	39	-	-	-	-	-	-	-	-	-
DRILLERS, OIL WELL	29	-	29	-	-	-	-	-	-	-	-	-
EXPLOSIVES WORKERS	7	-	7	-	-	-	-	-	-	-	-	-
MINING MACHINE OPERATORS	11	-	11	-	-	-	-	-	-	-	-	-
MINING OCCUPATIONS, N.E.C.	9	-	9	-	-	-	-	-	-	-	-	-

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	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
PRECISION PRODUCTION OCCUPATIONS	21 019	7 634	20 291	7 177	388	204	18	30	93	77	467	209
SUPERVISORS, PRODUCTION OCCUPATIONS	9 349	2 572	9 108	2 477	152	21	8	21	31	31	127	14
NONDURABLE GOODS MANUFACTURING	2 359	420	2 314	420	21	-	-	-	5	-	35	-
DURABLE GOODS MANUFACTURING	5 300	1 758	5 209	1 674	68	21	-	17	5	24	79	14
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	501	14	485	14	16	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	917	226	838	222	37	-	8	4	21	-	13	-
ALL OTHER INDUSTRIES	272	154	262	147	10	-	-	-	-	7	-	-
PRECISION METALWORKING OCCUPATIONS	7 786	3 310	7 437	3 002	154	144	-	9	51	40	276	152
TOOL AND DIE MAKERS	2 344	26	2 295	26	24	-	-	-	11	-	34	-
PRECISION ASSEMBLERS, METAL	6	7	6	7	-	-	-	-	-	-	-	-
MACHINISTS	3 025	127	2 865	102	85	6	-	-	18	-	96	8
BOILERMAKERS	83	-	83	-	-	-	-	-	-	-	-	-
PRECISION GRINDERS, FILERS, AND TOOL SHARPENERS	41	-	41	-	-	-	-	-	-	-	-	-
PATTERNMAKERS AND MODEL MAKERS, METAL	60	30	60	30	-	-	-	-	-	-	5	6
LAY-OUT WORKERS	253	48	253	48	-	-	-	-	-	-	-	-
PRECIOUS STONES AND METALS WORKERS (JEWELERS)	1 401	2 950	1 261	2 672	45	133	-	9	22	40	128	138
ENGRAVERS, METAL	147	102	147	97	-	5	-	-	-	-	6	-
SHEET METAL WORKERS	407	11	407	11	-	-	-	-	-	-	7	-
MISCELLANEOUS PRECISION METAL WORKERS	19	9	19	9	-	-	-	-	-	-	-	-
PRECISION WOODWORKING OCCUPATIONS	449	27	432	27	17	-	-	-	-	-	-	-
PATTERNMAKERS AND MODEL MAKERS, WOOD	12	8	12	8	-	-	-	-	-	-	-	-
CABINET MAKERS AND BENCH CARPENTERS	315	15	298	15	17	-	-	-	-	-	-	-
FURNITURE AND WOOD FINISHERS	105	-	105	-	-	-	-	-	-	-	-	-
MISCELLANEOUS PRECISION WOODWORKERS	17	4	17	4	-	-	-	-	-	-	-	-
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	406	441	406	441	-	-	-	-	-	-	-	-
DRESSMAKERS	18	333	18	333	-	-	-	-	-	-	-	-
TAILORS	165	61	165	61	-	-	-	-	-	-	-	-
UPHOLSTERERS	150	11	150	11	-	-	-	-	-	-	-	-
SHOE REPAIRERS	50	29	50	29	-	-	-	-	-	-	-	-
APPAREL AND FABRIC PATTERNMAKERS	8	-	8	-	-	-	-	-	-	-	-	-
MISCELLANEOUS PRECISION APPAREL AND FABRIC WORKERS	15	7	15	7	-	-	-	-	-	-	-	-
PRECISION WORKERS, ASSORTED MATERIALS	967	718	885	688	37	24	5	-	11	6	33	18
HAND MOLDERS AND SHAPERS, EXCEPT JEWELERS	271	133	243	126	22	7	-	-	-	-	6	11
PATTERNMAKERS, LAY-OUT WORKERS, AND CUTTERS	94	34	94	29	-	5	-	-	-	-	9	-
OPTICAL GOODS WORKERS	139	139	139	139	-	-	-	-	-	-	-	-
DENTAL LABORATORY AND MEDICAL APPLIANCE TECHNICIANS	198	20	191	20	-	-	-	-	-	-	7	-
BOOKBINDERS	23	18	23	18	-	-	-	-	-	-	-	-
ELECTRICAL AND ELECTRONIC EQUIPMENT ASSEMBLERS	134	353	104	335	8	12	-	-	11	6	6	7
MISCELLANEOUS PRECISION WORKERS, N.E.C.	108	21	91	21	7	-	5	-	-	-	5	-
PRECISION FOOD PRODUCTION OCCUPATIONS	1 261	367	1 261	350	-	8	-	-	-	-	31	25
BUTCHERS AND MEAT CUTTERS	791	80	791	80	-	-	-	-	-	-	22	-
BAKERS	418	212	418	212	-	-	-	-	-	-	9	25
FOOD BATCHMAKERS	52	75	52	58	-	8	-	-	-	-	-	-
PRECISION INSPECTORS, TESTERS, AND RELATED WORKERS	228	146	221	146	7	-	-	-	-	-	-	-
INSPECTORS, TESTERS, AND GRADERS	222	135	215	135	7	-	-	-	-	-	-	-
ADJUSTERS AND CALIBRATORS	6	11	6	11	-	-	-	-	-	-	-	-
PLANT AND SYSTEM OPERATORS	573	53	541	46	21	7	5	-	-	-	-	-
WATER AND SEWAGE TREATMENT PLANT OPERATORS	148	-	137	-	-	-	5	-	-	-	-	-
POWER PLANT OPERATORS	43	-	43	-	-	-	-	-	-	-	-	-
STATIONARY ENGINEERS	324	18	303	18	21	-	-	-	-	-	-	-
MISCELLANEOUS PLANT AND SYSTEM OPERATORS	58	35	58	28	-	7	-	-	-	-	-	-
OPERATORS, FABRICATORS, AND LABORERS	57 984	38 832	55 039	36 864	1 455	774	154	58	234	270	2 364	1 729
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	33 241	32 220	31 265	30 491	834	656	99	47	158	234	1 994	1 606
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	24 982	18 438	23 405	17 463	649	346	71	10	126	116	1 721	1 122
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	5 162	1 889	4 788	1 762	145	36	29	5	39	25	393	137
LATHE AND TURNING MACHINE SET-UP OPERATORS	308	42	308	42	-	-	-	-	-	-	-	-
LATHE AND TURNING MACHINE OPERATORS	819	77	796	77	6	-	-	-	-	-	23	-
MILLING AND PLANING MACHINE OPERATORS	205	20	205	20	-	-	-	-	-	-	-	-
PUNCHING AND STAMPING PRESS MACHINE OPERATORS	613	1 209	594	1 140	-	23	-	-	14	17	22	77
ROLLING MACHINE OPERATORS	205	33	205	33	-	-	-	-	-	-	-	-
DRILLING AND BORING MACHINE OPERATORS	186	79	181	74	5	-	-	-	-	-	-	11
GRINDING, ABRADING, BUFFING, AND POLISHING MACHINE OPERATORS	2 513	380	2 206	327	128	13	15	5	25	8	348	49
FORGING MACHINE OPERATORS	135	15	128	15	-	-	7	-	-	-	-	-
NUMERICAL CONTROL MACHINE OPERATORS	8	-	8	-	-	-	-	-	-	-	-	-
MISCELLANEOUS METAL, PLASTIC, STONE, AND GLASS WORKING MACHINE OPERATORS	170	34	157	34	6	-	7	-	-	-	-	-

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

PROVIDENCE-WARWICK-PAWTUCKET, RI-MA SMSA	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
FABRICATING MACHINE OPERATORS, N.E.C.	90	79	82	79	-	-	-	-	-	-	8	-
METAL AND PLASTIC PROCESSING MACHINE OPERATORS	2 010	1 128	1 804	1 060	86	52	-	-	8	7	146	34
MOLDING AND CASTING MACHINE OPERATORS	758	1 056	699	1 006	40	41	-	-	-	-	31	34
METAL PLATING MACHINE OPERATORS	1 051	72	908	54	42	11	-	-	8	7	115	-
HEAT TREATING EQUIPMENT OPERATORS	105	-	101	-	4	-	-	-	-	-	-	-
MISCELLANEOUS METAL AND PLASTIC PROCESSING MACHINE OPERATORS	96	-	96	-	-	-	-	-	-	-	-	-
WOODWORKING MACHINE OPERATORS	211	119	189	119	-	-	8	-	7	-	21	-
WOOD LATHE, ROUTING, AND PLANING MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
SAWING MACHINE OPERATORS	112	14	112	14	-	-	-	-	-	-	-	-
SHAPING AND JOINING MACHINE OPERATORS	16	64	9	64	-	-	-	-	-	-	7	-
NAILING AND TACKING MACHINE OPERATORS	7	15	7	15	-	-	-	-	-	-	-	-
MISCELLANEOUS WOODWORKING MACHINE OPERATORS	76	26	61	26	-	-	8	-	7	-	14	-
PRINTING MACHINE OPERATORS	1 677	368	1 652	368	25	-	-	-	-	-	-	13
PRINTING MACHINE OPERATORS	1 274	170	1 249	170	25	-	-	-	-	-	-	-
PHOTOENGRAVERS AND LITHOGRAPHERS	123	20	123	20	-	-	-	-	-	-	-	-
TYPESETTERS AND COMPOSITORS	178	80	178	80	-	-	-	-	-	-	-	-
MISCELLANEOUS PRINTING MACHINE OPERATORS	102	98	102	98	-	-	-	-	-	-	-	13
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	2 600	5 351	2 450	5 148	24	84	7	-	5	23	295	234
WINDING AND TWISTING MACHINE OPERATORS	281	1 174	274	1 152	-	13	-	-	-	-	18	20
KNITTING, LOOPING, TAPING, AND WEAVING MACHINE OPERATORS	487	479	445	479	-	-	-	-	-	-	103	23
TEXTILE CUTTING MACHINE OPERATORS	31	53	31	53	-	-	-	-	-	-	-	-
TEXTILE SEWING MACHINE OPERATORS	216	2 048	207	1 973	-	14	-	-	-	17	47	90
SHOE MACHINE OPERATORS	20	101	20	101	-	-	-	-	-	-	-	4
PRESSING MACHINE OPERATORS	89	226	73	209	16	11	-	-	-	-	-	-
LAUNDERING AND DRY CLEANING MACHINE OPERATORS	434	485	412	439	-	31	-	-	5	-	-	27
MISCELLANEOUS TEXTILE MACHINE OPERATORS	1 042	785	988	742	8	15	7	-	-	6	127	70
MACHINE OPERATORS, ASSORTED MATERIALS	13 232	9 504	12 440	8 927	369	174	27	5	67	61	858	704
CEMENTING AND GLUING MACHINE OPERATORS	145	444	129	415	-	-	-	-	7	16	23	27
PACKAGING AND FILLING MACHINE OPERATORS	140	1 123	117	1 061	-	30	-	-	-	-	27	58
EXTRUDING AND FORMING MACHINE OPERATORS	301	63	287	47	6	-	-	-	-	16	14	16
MIXING AND BLENDING MACHINE OPERATORS	758	74	728	74	15	-	-	-	-	-	34	-
SEPARATING, FILTERING, AND CLARIFYING MACHINE OPERATORS	291	22	291	22	-	-	-	-	-	-	7	-
COMPRESSING AND COMPACTING MACHINE OPERATORS	65	37	65	37	-	-	-	-	-	-	-	-
PAINTING AND PAINT SPRAYING MACHINE OPERATORS	659	446	621	429	26	10	-	-	-	-	18	17
ROASTING AND BAKING MACHINE OPERATORS, FOOD	14	-	14	-	-	-	-	-	-	-	-	-
WASHING, CLEANING, AND PICKLING MACHINE OPERATORS	107	7	107	7	-	-	-	-	-	-	-	-
FOLDING MACHINE OPERATORS	95	230	86	230	9	-	-	-	-	-	-	-
FURNACE, KILN, AND OVEN OPERATORS, EXCEPT FOOD	787	23	782	23	5	-	-	-	-	-	19	-
CRUSHING AND GRINDING MACHINE OPERATORS	240	31	183	31	41	-	7	-	9	-	5	-
SLICING AND CUTTING MACHINE OPERATORS	848	303	798	284	26	6	-	-	-	-	47	32
MOTION PICTURE PROJECTIONISTS	81	-	67	-	14	-	-	-	-	-	14	-
PHOTOGRAPHIC PROCESS MACHINE OPERATORS	119	153	119	153	-	-	-	-	-	-	9	-
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	8 582	6 548	8 046	6 114	227	128	20	5	51	29	641	554
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	2 263	1 675	2 222	1 637	31	18	5	-	-	-	109	62
MACHINE OPERATORS, NOT SPECIFIED	6 319	4 873	5 824	4 477	196	110	15	5	51	29	532	492
INDUSTRY:												
MANUFACTURING	8 172	6 270	7 668	5 848	211	116	20	5	51	29	636	554
NONDURABLE GOODS	2 170	2 067	2 054	1 981	44	16	9	-	6	12	126	211
FOOD AND KINDRED PRODUCTS	110	40	99	34	6	-	-	-	-	-	-	-
TOBACCO MANUFACTURES	-	-	-	-	-	-	-	-	-	-	-	-
TEXTILE MILL PRODUCTS	458	697	436	671	7	-	-	-	-	-	23	77
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	64	93	64	86	-	7	-	-	-	-	-	-
PAPER AND ALLIED PRODUCTS	462	331	439	318	17	-	-	-	-	6	48	6
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	225	94	217	94	8	-	-	-	-	-	14	-
CHEMICALS AND ALLIED PRODUCTS	298	127	270	127	6	-	9	-	6	-	7	9
PETROLEUM AND COAL PRODUCTS	8	7	8	7	-	-	-	-	-	-	-	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS	404	326	380	306	-	9	-	-	-	6	24	21
LEATHER AND LEATHER PRODUCTS	141	352	141	338	-	-	-	-	-	-	10	98
DURABLE GOODS	5 921	4 131	5 554	3 802	163	93	11	5	45	17	498	343
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE	29	12	19	12	10	-	-	-	-	-	-	-
FURNITURE AND FIXTURES	75	24	68	24	7	-	-	-	-	-	-	-
STONE, CLAY, GLASS, AND CONCRETE PRODUCTS	296	37	291	32	-	-	-	-	5	-	-	5
PRIMARY METAL INDUSTRIES	1 838	355	1 761	348	32	-	5	-	-	7	168	16
BLAST FURNACES, STEELWORKS, ROLLING AND FINISHING MILLS	258	10	253	10	-	-	-	-	-	-	5	-

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

PROVIDENCE-WARWICK-PAWTUCKET, RI-MA SMSA	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS-CON.												
INDUSTRY-CON.												
FABRICATED METAL INDUSTRIES	828	436	787	399	30	13	-	-	11	-	37	39
MACHINERY, EXCEPT ELECTRICAL	679	128	648	128	19	-	-	-	12	-	25	6
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	600	886	579	815	-	20	-	-	6	5	39	45
TRANSPORTATION EQUIPMENT	176	39	156	39	6	-	-	-	-	-	37	-
MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT	99	28	85	28	6	-	-	-	-	-	15	-
OTHER TRANSPORTATION EQUIPMENT	77	11	71	11	-	-	-	-	-	-	22	-
PROFESSIONAL AND PHOTOGRAPHIC EQUIPMENT, AND WATCHES	253	460	253	442	-	13	-	-	-	-	11	34
MISCELLANEOUS MANUFACTURING INDUSTRIES	1 147	1 754	992	1 563	59	47	6	5	11	5	181	198
NOT SPECIFIED MANUFACTURING INDUSTRIES	81	72	60	65	4	7	-	-	-	-	12	-
NONMANUFACTURING INDUSTRIES	410	278	378	266	16	12	-	-	-	-	5	-
CONSTRUCTION	34	6	27	6	7	-	-	-	-	-	-	-
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	78	19	73	19	-	-	-	-	-	-	-	-
WHOLESALE TRADE	110	79	95	79	9	-	-	-	-	-	-	-
RETAIL TRADE	41	59	41	59	-	-	-	-	-	-	-	-
BUSINESS AND REPAIR SERVICES	50	18	45	18	-	-	-	-	-	-	5	-
PUBLIC ADMINISTRATION	34	-	34	-	-	-	-	-	-	-	-	-
ALL OTHER INDUSTRIES	63	97	63	85	-	12	-	-	-	-	-	-
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	6 334	9 242	6 047	8 698	132	240	13	29	32	87	207	292
WELDERS AND CUTTERS	2 561	369	2 492	357	37	6	6	6	6	-	31	6
SOLDERERS AND BRAZERS	77	447	77	418	-	23	-	-	-	-	-	9
ASSEMBLERS	3 174	7 820	2 968	7 343	87	211	7	23	26	87	155	251
HAND CUTTING AND TRIMMING OCCUPATIONS	37	29	37	29	-	-	-	-	-	-	-	-
HAND MOLDING, CASTING, AND FORMING OCCUPATIONS	233	65	233	65	-	-	-	-	-	-	-	-
HAND PAINTING, COATING AND DECORATING OCCUPATIONS	127	355	119	329	8	-	-	-	-	-	-	26
HAND ENGRAVING AND PRINTING OCCUPATIONS	6	28	6	28	-	-	-	-	-	-	-	-
HAND GRINDING AND POLISHING OCCUPATIONS	67	33	63	33	-	-	-	-	-	-	21	-
MISCELLANEOUS HAND WORKING OCCUPATIONS	52	96	52	96	-	-	-	-	-	-	-	-
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 925	4 540	1 813	4 330	53	70	15	8	-	31	66	192
PRODUCTION INSPECTORS, CHECKERS, AND EXAMINERS	1 553	4 166	1 469	3 962	25	70	15	8	-	31	58	181
PRODUCTION TESTERS	232	120	204	120	28	-	-	-	-	-	-	-
PRODUCTION SAMPLERS AND WEIGHERS	50	77	50	77	-	-	-	-	-	-	8	11
GRADERS AND SORTERS, EXCEPT AGRICULTURAL	90	177	90	171	-	-	-	-	-	-	-	-
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	13 763	962	13 236	949	347	6	46	7	34	-	140	5
MOTOR VEHICLE OPERATORS	10 116	759	9 723	752	282	-	32	7	21	-	51	-
SUPERVISORS, MOTOR VEHICLE OPERATORS	86	5	79	5	-	-	-	-	-	-	-	-
TRUCK DRIVERS, HEAVY	5 251	49	5 032	49	172	-	12	-	8	-	39	-
TRUCK DRIVERS, LIGHT	2 522	53	2 441	53	48	-	7	-	13	-	-	-
DRIVER-SALES WORKERS	769	38	769	38	-	-	-	-	-	-	-	-
BUS DRIVERS	949	578	867	571	58	-	13	7	-	-	12	-
TAXICAB DRIVERS AND CHAUFFEURS	410	36	410	36	-	-	-	-	-	-	-	-
PARKING LOT ATTENDANTS	122	-	118	-	4	-	-	-	-	-	-	-
MOTOR TRANSPORTATION OCCUPATIONS, N.E.C.	7	-	7	-	-	-	-	-	-	-	-	-
RAIL TRANSPORTATION OCCUPATIONS	168	8	168	8	-	-	-	-	-	-	-	-
RAILROAD CONDUCTORS AND YARDMASTERS	76	-	76	-	-	-	-	-	-	-	-	-
LOCOMOTIVE OPERATING OCCUPATIONS	62	-	62	-	-	-	-	-	-	-	-	-
RAILROAD BRAKE, SIGNAL, AND SWITCH OPERATORS	-	8	-	8	-	-	-	-	-	-	-	-
RAIL VEHICLE OPERATORS, N.E.C.	30	-	30	-	-	-	-	-	-	-	-	-
WATER TRANSPORTATION OCCUPATIONS	199	-	191	-	8	-	-	-	-	-	-	-
SHIP CAPTAINS AND MATES, EXCEPT FISHING BOATS	86	-	78	-	8	-	-	-	-	-	-	-
SAILORS AND DECKHANDS	113	-	113	-	-	-	-	-	-	-	-	-
MARINE ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-
BRIDGE, LOCK, AND LIGHTHOUSE TENDERS	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	3 280	195	3 154	189	57	6	14	-	13	-	89	5
SUPERVISORS, MATERIAL MOVING EQUIPMENT OPERATORS	116	7	116	7	-	-	-	-	-	-	-	-
OPERATING ENGINEERS	360	12	360	12	-	-	-	-	-	-	-	-
LONGSHORE EQUIPMENT OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
HOIST AND WINCH OPERATORS	71	-	71	-	-	-	-	-	-	-	-	-
CRANE AND TOWER OPERATORS	285	-	226	-	44	-	-	-	-	-	-	-
EXCAVATING AND LOADING MACHINE OPERATORS	238	-	224	-	-	-	8	-	-	-	6	-
GRADER, DOZER, AND SCRAPER OPERATORS	93	-	93	-	-	-	-	-	-	-	-	-
INDUSTRIAL TRUCK AND TRACTOR EQUIPMENT OPERATORS	1 103	9	1 084	9	7	-	6	-	6	-	14	-
MISCELLANEOUS MATERIAL MOVING EQUIPMENT OPERATORS	1 014	167	980	161	6	6	-	-	7	-	69	5

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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PROVIDENCE-WARWICK-PAWTUCKET, RI-MA SMSA	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
HANDLERS, EQUIPMENT CLEANERS, *HELPERS, AND LABORERS*	*10 980*	*5 650*	*10 538*	*5 424*	*274*	*112*	*9*	*4*	*42*	*36*	*230*	*118*
SUPERVISORS; HANDLERS, EQUIPMENT CLEANERS, AND LABORERS, N.E.C.	13	-	13	-	-	-	-	-	-	-	-	-
HELPERS, MECHANICS AND REPAIRERS	50	-	41	-	-	-	9	-	-	-	-	-
HELPERS, CONSTRUCTION AND EXTRACTIVE OCCUPATIONS	302	28	296	17	-	11	-	-	-	-	6	-
HELPERS, CONSTRUCTION TRADES	283	28	277	17	-	11	-	-	-	-	6	-
HELPERS, SURVEYOR	13	-	13	-	-	-	-	-	-	-	-	-
HELPERS, EXTRACTIVE OCCUPATIONS	6	-	6	-	-	-	-	-	-	-	-	-
CONSTRUCTION LABORERS	1 570	-	1 535	-	35	-	-	-	-	-	19	-
PRODUCTION HELPERS	374	95	341	86	16	-	-	-	9	-	22	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	3 904	728	3 774	688	84	26	-	-	19	7	63	34
GARBAGE COLLECTORS	181	-	176	-	5	-	-	-	-	-	-	-
STEVEDORES	21	-	9	-	7	-	-	-	-	-	-	-
STOCK HANDLERS AND BAGGERS	2 172	335	2 139	315	19	20	-	-	-	-	37	19
MACHINE FEEDERS AND OFFBEARERS	286	325	286	305	-	6	-	-	-	7	7	15
FREIGHT, STOCK, AND MATERIAL HANDLERS, N.E.C.	1 244	68	1 164	68	53	-	-	-	19	-	19	-
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	694	13	694	13	-	-	-	-	-	-	-	-
VEHICLE WASHERS AND EQUIPMENT CLEANERS	378	114	366	110	12	4	-	-	-	-	7	-
HAND PACKERS AND PACKAGERS	972	3 336	874	3 244	57	44	-	-	14	16	47	68
LABORERS, EXCEPT CONSTRUCTION	*2 723*	*1 336*	*2 604*	*1 266*	*70*	*27*	-	*4*	-	*13*	*66*	*16*
MANUFACTURING	1 200	1 014	1 115	944	47	27	-	4	-	13	62	11
NONDURABLE GOODS	285	224	262	212	7	-	-	-	-	7	19	5
FOOD AND KINDRED PRODUCTS	14	-	14	-	-	-	-	-	-	-	-	-
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	93	88	88	83	-	-	-	-	-	-	14	5
PAPER AND ALLIED PRODUCTS	30	31	12	31	7	-	-	-	-	-	5	-
CHEMICALS AND ALLIED PRODUCTS	56	24	56	17	-	-	-	-	-	7	-	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS	47	13	47	13	-	-	-	-	-	-	-	-
OTHER NONDURABLE GOODS	45	68	45	68	-	-	-	-	-	-	-	-
DURABLE GOODS	915	771	853	713	40	27	-	4	-	6	43	6
FURNITURE, LUMBER, AND WOOD PRODUCTS	36	13	36	13	-	-	-	-	-	-	-	6
STONE, CLAY, GLASS, AND CONCRETE PRODUCTS	99	-	91	-	8	-	-	-	-	-	8	-
PRIMARY METAL INDUSTRIES	159	12	145	12	6	-	-	-	-	-	14	-
FABRICATED METAL INDUSTRIES	127	44	121	32	6	-	-	-	-	6	-	-
MACHINERY, EXCEPT ELECTRICAL	77	14	57	14	11	-	-	-	-	-	-	-
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	47	27	47	27	-	-	-	-	-	-	-	-
TRANSPORTATION EQUIPMENT	95	13	95	13	-	-	-	-	-	-	9	-
MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT	33	13	33	13	-	-	-	-	-	-	9	-
OTHER DURABLE GOODS	275	648	261	602	9	27	-	4	-	-	12	-
NOT SPECIFIED MANUFACTURING INDUSTRIES	-	19	-	19	-	-	-	-	-	-	-	-
NONMANUFACTURING INDUSTRIES	1 523	322	1 489	322	23	-	-	-	-	-	4	5
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	270	23	257	23	13	-	-	-	-	-	-	-
WHOLESALE TRADE	535	119	520	119	10	-	-	-	-	-	4	-
RETAIL TRADE	241	94	235	94	-	-	-	-	-	-	-	5
BUSINESS AND REPAIR SERVICES	64	26	64	26	-	-	-	-	-	-	-	-
PUBLIC ADMINISTRATION	217	-	217	-	-	-	-	-	-	-	-	-
ALL OTHER INDUSTRIES	196	60	196	60	-	-	-	-	-	-	-	-

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

SPRINGFIELD-CHICOPEE-HOLYOKE, MA-CT SMSA	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
EMPLOYED PERSONS 16 YEARS AND OVER	131 619	108 143	124 399	101 215	4 796	5 156	190	203	448	551	3 107	1 970
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	29 523	22 284	28 555	21 116	655	816	23	52	193	136	262	299
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	15 236	6 379	14 827	6 030	354	270	-	48	38	10	91	53
LEGISLATORS, CHIEF EXECUTIVES AND GENERAL ADMINISTRATORS; PUBLIC ADMINISTRATION	105	20	105	20	-	-	-	-	-	-	-	-
ADMINISTRATORS AND OFFICIALS, PUBLIC ADMINISTRATION	345	193	345	182	-	11	-	-	-	-	-	-
FEDERAL	80	21	80	21	-	-	-	-	-	-	-	-
STATE	58	46	58	46	-	-	-	-	-	-	-	-
LOCAL	207	126	207	115	-	11	-	-	-	-	-	-
ADMINISTRATORS, PROTECTIVE SERVICES	81	-	74	-	7	-	-	-	-	-	-	-
FINANCIAL MANAGERS	746	399	726	390	20	9	-	-	-	-	-	6
PERSONNEL AND LABOR RELATIONS MANAGERS	258	123	238	116	20	7	-	-	-	-	-	-
PURCHASING MANAGERS	185	17	185	17	-	-	-	-	-	-	-	-
MANAGERS, MARKETING, ADVERTISING, AND PUBLIC RELATIONS	1 319	160	1 314	152	5	8	-	-	-	-	-	-
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	584	574	563	536	21	38	-	-	-	-	-	-
MANAGERS, MEDICINE AND HEALTH	214	189	203	180	11	9	-	-	-	-	-	-
MANAGERS, PROPERTIES AND REAL ESTATE	167	72	167	72	-	-	-	-	-	-	-	-
POSTMASTERS AND MAIL SUPERINTENDENTS	44	6	44	6	-	-	-	-	-	-	-	-
FUNERAL DIRECTORS	122	5	122	5	-	-	-	-	-	-	-	-
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	6 875	2 650	6 713	2 516	124	63	-	40	21	10	65	40
CONSTRUCTION	189	35	182	35	7	-	-	-	-	-	-	-
MANUFACTURING	2 282	310	2 258	298	14	5	-	7	-	-	33	-
NONDURABLE GOODS	962	130	962	130	-	-	-	-	-	-	7	-
DURABLE GOODS	1 320	180	1 296	168	14	5	-	7	-	-	26	-
TRANSPORTATION	380	37	369	37	11	-	-	-	-	-	-	-
COMMUNICATIONS, UTILITIES AND SANITARY SERVICES	99	105	99	92	-	7	-	-	-	-	-	6
WHOLESALE TRADE	455	194	455	194	-	-	-	-	-	-	5	-
RETAIL TRADE	1 536	565	1 473	512	42	8	-	33	21	5	13	-
GENERAL MERCHANDISE STORES	49	87	49	67	-	8	-	12	-	-	-	-
FOOD, BAKERY, AND DAIRY STORES	149	38	149	25	-	-	-	13	-	-	-	-
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	158	20	152	20	6	-	-	-	-	-	-	-
EATING AND DRINKING PLACES	803	232	759	219	23	-	-	8	21	5	6	-
OTHER RETAIL TRADE	377	188	364	181	13	-	-	-	-	-	7	-
FINANCE, INSURANCE, AND REAL ESTATE	540	285	532	276	8	9	-	-	-	-	7	-
BUSINESS AND REPAIR SERVICES	379	110	379	110	-	-	-	-	-	-	-	-
PERSONAL SERVICES	71	96	71	96	-	-	-	-	-	-	-	-
ALL OTHER INDUSTRIES	944	913	895	866	42	34	-	-	-	5	7	34
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	629	232	589	223	23	9	-	-	17	-	5	-
CONSTRUCTION	73	-	73	-	-	-	-	-	-	-	-	-
MANUFACTURING	118	38	110	29	8	9	-	-	-	-	5	-
NONDURABLE GOODS	62	31	62	22	-	9	-	-	-	-	-	-
DURABLE GOODS	56	7	48	7	8	-	-	-	-	-	5	-
TRANSPORTATION	13	-	13	-	-	-	-	-	-	-	-	-
COMMUNICATIONS, UTILITIES AND SANITARY SERVICES	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE TRADE	40	-	40	-	-	-	-	-	-	-	-	-
RETAIL TRADE	177	86	165	86	-	-	-	-	12	-	-	-
GENERAL MERCHANDISE STORES	14	-	14	-	-	-	-	-	-	-	-	-
FOOD, BAKERY, AND DAIRY STORES	16	5	16	5	-	-	-	-	-	-	-	-
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	5	-	5	-	-	-	-	-	-	-	-	-
EATING AND DRINKING PLACES	112	67	104	67	-	-	-	-	8	-	-	-
OTHER RETAIL TRADE	30	14	26	14	-	-	-	-	4	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE	34	6	34	6	-	-	-	-	-	-	-	-
BUSINESS AND REPAIR SERVICES	92	36	77	36	15	-	-	-	-	-	-	-
PERSONAL SERVICES	44	14	39	14	-	-	-	-	5	-	-	-
ALL OTHER INDUSTRIES	38	52	38	52	-	-	-	-	-	-	-	-
MANAGEMENT RELATED OCCUPATIONS	3 562	1 739	3 439	1 615	123	116	-	8	-	-	21	7
ACCOUNTANTS AND AUDITORS	1 435	464	1 388	442	47	22	-	-	-	-	7	-
UNDERWRITERS	36	63	30	50	6	13	-	-	-	-	-	-
OTHER FINANCIAL OFFICERS	458	355	444	344	14	11	-	-	-	-	7	-
MANAGEMENT ANALYSTS	160	46	160	31	-	15	-	-	-	-	-	-
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	447	402	411	354	36	48	-	-	-	-	7	7
PURCHASING AGENTS AND BUYERS, FARM PRODUCTS	5	-	5	-	-	-	-	-	-	-	-	-
BUYERS, WHOLESALE AND RETAIL TRADE EXCEPT FARM PRODUCTS	219	199	219	184	-	7	-	8	-	-	-	-
PURCHASING AGENTS AND BUYERS, N.E.C.	415	149	407	149	8	-	-	-	-	-	-	-
BUSINESS AND PROMOTION AGENTS	23	18	23	18	-	-	-	-	-	-	-	-
CONSTRUCTION INSPECTORS	118	-	118	-	-	-	-	-	-	-	-	-
INSPECTORS AND COMPLIANCE OFFICERS, EXC. CONSTRUCTION	235	43	223	43	12	-	-	-	-	-	-	-
MANAGEMENT RELATED OCCUPATIONS, N.E.C.	11	-	11	-	-	-	-	-	-	-	-	-
PROFESSIONAL SPECIALTY OCCUPATIONS	14 287	15 905	13 728	15 086	301	546	23	4	155	126	171	246
ENGINEERS, ARCHITECTS, AND SURVEYORS	3 120	60	3 049	52	41	8	7	-	23	-	31	-
ARCHITECTS	86	17	75	17	11	-	-	-	-	-	-	-
ENGINEERS	2 984	43	2 924	35	30	8	7	-	23	-	31	-
AEROSPACE	156	8	156	-	-	8	-	-	-	-	-	-
METALLURGICAL AND MATERIALS	45	-	45	-	-	-	-	-	-	-	-	-
MINING	-	-	-	-	-	-	-	-	-	-	-	-
PETROLEUM	-	-	-	-	-	-	-	-	-	-	-	-
CHEMICAL	229	-	220	-	9	-	-	-	-	-	6	-
NUCLEAR	6	-	6	-	-	-	-	-	-	-	-	-
CIVIL	300	-	300	-	-	-	-	-	-	-	-	-
AGRICULTURAL	-	-	-	-	-	-	-	-	-	-	-	-
ELECTRICAL AND ELECTRONIC	418	9	401	9	11	-	-	-	6	-	6	-
INDUSTRIAL	746	17	734	17	5	-	7	-	13	-	13	-
MECHANICAL	565	-	547	-	5	-	-	-	-	-	-	-
MARINE AND NAVAL ARCHITECTS	5	-	5	-	-	-	-	-	4	-	6	-
ENGINEERS, N.E.C.	514	9	510	9	-	-	-	-	-	-	-	-
SURVEYORS AND MAPPING SCIENTISTS	50	-	50	-	-	-	-	-	-	-	-	-

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TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

SPRINGFIELD-CHICOPEE-HOLYOKE, MA-CT SMSA	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
MATHEMATICAL AND COMPUTER SCIENTISTS	569	154	555	154	-	-	6	-	8	-	5	-
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	290	97	284	97	-	-	6	-	-	-	5	-
OPERATIONS AND SYSTEMS RESEARCHERS AND ANALYSTS	142	20	142	20	-	-	-	-	-	-	-	-
ACTUARIES	108	13	100	13	-	-	-	-	8	-	-	-
STATISTICIANS	29	24	29	24	-	-	-	-	-	-	-	-
MATHEMATICAL SCIENTISTS, N.E.C.	-	-	-	-	-	-	-	-	-	-	-	-
NATURAL SCIENTISTS	306	87	289	81	-	-	-	-	17	6	-	-
PHYSICISTS AND ASTRONOMERS	6	-	-	-	-	-	-	-	6	-	-	-
CHEMISTS, EXCEPT BIOCHEMISTS	136	12	136	12	-	-	-	-	-	-	-	-
ATMOSPHERIC AND SPACE SCIENTISTS	8	17	8	17	-	-	-	-	-	-	-	-
GEOLOGISTS AND GEODESISTS	-	-	-	-	-	-	-	-	-	-	-	-
PHYSICAL SCIENTISTS, N.E.C.	-	-	-	-	-	-	-	-	-	-	-	-
AGRICULTURAL AND FOOD SCIENTISTS	28	13	28	13	-	-	-	-	-	-	-	-
BIOLOGICAL AND LIFE SCIENTISTS	11	15	5	15	-	-	-	-	6	-	-	-
FORESTRY AND CONSERVATION SCIENTISTS	92	11	92	11	-	-	-	-	-	-	-	-
MEDICAL SCIENTISTS	25	19	20	13	-	-	-	-	5	6	-	-
HEALTH DIAGNOSING OCCUPATIONS	1 163	151	1 057	109	7	7	-	-	79	35	21	-
PHYSICIANS	745	108	646	72	-	7	-	-	79	29	21	-
DENTISTS	292	5	285	5	7	-	-	-	-	-	-	-
VETERINARIANS	26	16	26	16	-	-	-	-	-	-	-	-
OPTOMETRISTS	52	16	52	16	-	-	-	-	-	-	-	-
PODIATRISTS	18	-	18	-	-	-	-	-	-	-	-	-
HEALTH DIAGNOSING PRACTITIONERS, N.E.C.	30	6	30	-	-	-	-	-	-	6	-	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	535	4 897	519	4 726	16	126	-	-	-	28	-	23
REGISTERED NURSES	93	4 041	93	3 910	-	108	-	-	-	23	-	6
PHARMACISTS	310	65	310	65	-	-	-	-	-	-	-	-
DIETITIANS	10	168	10	150	-	6	-	-	-	-	-	12
THERAPISTS	105	579	89	557	16	12	-	-	-	5	-	5
INHALATION THERAPISTS	25	94	20	89	5	-	-	-	-	5	-	-
OCCUPATIONAL THERAPISTS	-	78	-	78	-	-	-	-	-	-	-	-
PHYSICAL THERAPISTS	20	127	20	123	-	4	-	-	-	-	-	-
SPEECH THERAPISTS	-	143	-	130	-	8	-	-	-	-	-	5
THERAPISTS, N.E.C.	60	137	49	137	11	-	-	-	-	-	-	-
PHYSICIANS' ASSISTANTS	17	44	17	44	-	-	-	-	-	-	-	-
TEACHERS, POSTSECONDARY	1 059	919	1 043	877	-	24	-	-	10	12	6	24
BIOLOGICAL SCIENCE TEACHERS	20	25	20	25	-	-	-	-	-	-	-	-
CHEMISTRY TEACHERS	26	26	26	26	-	-	-	-	-	-	-	-
PHYSICS TEACHERS	-	6	-	6	-	-	-	-	-	-	-	-
OTHER NATURAL SCIENCE TEACHERS	-	10	-	10	-	-	-	-	-	-	-	-
PSYCHOLOGY TEACHERS	14	27	14	27	-	-	-	-	-	-	-	-
ECONOMICS TEACHERS	25	4	25	4	-	-	-	-	-	-	-	-
HISTORY TEACHERS	6	11	6	11	-	-	-	-	-	-	-	-
OTHER SOCIAL SCIENCE TEACHERS	20	-	20	-	-	-	-	-	-	-	-	-
ENGINEERING TEACHERS	13	-	13	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENCE TEACHERS	36	34	36	34	-	-	-	-	-	-	-	-
MEDICAL SCIENCE TEACHERS	6	22	6	22	-	-	-	-	-	-	-	-
HEALTH SPECIALTIES TEACHERS	-	31	-	31	-	-	-	-	-	-	-	-
BUSINESS, COMMERCE, AND MARKETING TEACHERS	-	22	-	19	-	3	-	-	-	-	-	-
ART, DRAMA, AND MUSIC TEACHERS	54	83	54	83	-	-	-	-	-	-	-	-
ENGLISH TEACHERS	38	11	38	11	-	-	-	-	-	-	-	-
FOREIGN LANGUAGE TEACHERS	2	27	2	27	-	-	-	-	-	-	-	6
OTHER SPECIFIED TEACHERS	44	22	44	22	-	-	-	-	-	-	-	-
POSTSECONDARY TEACHERS, SUBJECT NOT SPECIFIED	755	558	739	519	-	21	-	-	10	12	6	18
TEACHERS, EXCEPT POSTSECONDARY	3 162	6 446	3 049	6 124	79	232	-	4	18	6	37	135
TEACHERS, PREKINDERGARTEN AND KINDERGARTEN	40	432	40	404	-	18	-	-	-	-	-	23
TEACHERS, ELEMENTARY SCHOOL	1 614	3 968	1 548	3 773	39	135	-	4	11	6	32	73
TEACHERS, SECONDARY SCHOOL	1 102	1 418	1 072	1 374	30	31	-	-	-	-	5	25
TEACHERS, SPECIAL EDUCATION	12	85	12	79	-	6	-	-	-	-	-	-
TEACHERS, N.E.C.	394	543	377	494	10	42	-	-	7	-	-	14
COUNSELORS, EDUCATIONAL AND VOCATIONAL	356	351	345	306	11	32	-	-	-	6	7	7
LIBRARIANS, ARCHIVISTS, AND CURATORS	82	465	77	428	5	17	-	-	-	20	-	-
LIBRARIANS	64	441	64	404	-	17	-	-	-	20	-	-
ARCHIVISTS AND CURATORS	18	24	13	24	5	-	-	-	-	-	-	-
SOCIAL SCIENTISTS AND URBAN PLANNERS	371	187	371	187	-	-	-	-	-	-	-	-
ECONOMISTS	108	49	108	49	-	-	-	-	-	-	-	-
PSYCHOLOGISTS	212	131	212	131	-	-	-	-	-	-	-	-
SOCIOLOGISTS	-	-	-	-	-	-	-	-	-	-	-	-
SOCIAL SCIENTISTS, N.E.C.	6	-	6	-	-	-	-	-	-	-	-	-
URBAN PLANNERS	45	7	45	7	-	-	-	-	-	-	-	-
SOCIAL, RECREATION, AND RELIGIOUS WORKERS	980	1 047	849	921	95	93	5	-	-	-	46	37
SOCIAL WORKERS	601	939	522	813	53	93	5	-	-	-	31	37
RECREATION WORKERS	26	63	10	63	16	-	-	-	-	-	-	-
CLERGY	324	-	298	-	26	-	-	-	-	-	5	-
RELIGIOUS WORKERS, N.E.C.	29	45	19	45	-	-	-	-	-	-	10	-
LAWYERS AND JUDGES	1 040	116	1 027	116	13	-	-	-	-	-	-	-
LAWYERS	953	100	948	100	5	-	-	-	-	-	-	-
JUDGES	87	16	79	16	8	-	-	-	-	-	-	-
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	1 544	1 025	1 498	1 005	34	7	5	-	-	13	18	20
AUTHORS	36	54	36	54	-	-	-	-	-	-	-	-
TECHNICAL WRITERS	48	20	48	20	-	-	-	-	-	-	-	-
DESIGNERS	346	247	335	235	11	7	-	-	-	5	-	5
MUSICIANS AND COMPOSERS	170	73	154	73	16	-	-	-	-	-	-	-
ACTORS AND DIRECTORS	64	13	64	13	-	-	-	-	-	-	-	-
PAINTERS, SCULPTORS, CRAFT-ARTISTS, AND ARTIST PRINTMAKERS	122	189	115	189	7	-	-	-	-	-	6	-
PHOTOGRAPHERS	181	55	181	55	-	-	-	-	-	-	-	-
DANCERS	-	13	-	13	-	-	-	-	-	-	-	-
ARTISTS, PERFORMERS AND RELATED WORKERS, N.E.C.	50	70	50	70	-	-	-	-	-	-	-	-
EDITORS AND REPORTERS	243	185	231	177	-	-	5	-	-	8	12	15
PUBLIC RELATIONS SPECIALISTS	135	66	135	66	-	-	-	-	-	-	-	-
ANNOUNCERS	83	24	83	24	-	-	-	-	-	-	-	-
ATHLETES	66	16	66	16	-	-	-	-	-	-	-	-

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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SPRINGFIELD-CHICOPEE-HOLYOKE, MA-CT SMSA	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	25 044	47 486	24 085	45 359	727	1 630	25	72	83	105	252	608
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	3 561	3 700	3 406	3 530	116	141	-	11	39	-	35	42
HEALTH TECHNOLOGISTS AND TECHNICIANS	272	2 752	265	2 636	-	99	-	11	7	-	-	22
CLINICAL LABORATORY TECHNOLOGISTS AND TECHNICIANS	87	432	87	416	-	11	-	5	-	-	-	-
DENTAL HYGIENISTS	-	270	-	270	-	-	-	-	-	-	-	-
HEALTH RECORD TECHNOLOGISTS AND TECHNICIANS	-	32	-	26	-	6	-	-	-	-	-	-
RADIOLOGIC TECHNICIANS	44	282	44	276	-	-	-	6	-	-	-	-
LICENSED PRACTICAL NURSES	48	1 378	41	1 305	-	67	-	-	7	-	-	14
HEALTH TECHNOLOGISTS AND TECHNICIANS, N.E.C.	93	358	93	343	-	15	-	-	-	-	-	8
ENGINEERING AND RELATED TECHNOLOGISTS AND TECHNICIANS	1 770	275	1 713	264	57	5	-	-	-	-	10	6
ELECTRICAL AND ELECTRONIC TECHNICIANS	561	83	529	78	32	5	-	-	-	-	10	-
INDUSTRIAL ENGINEERING TECHNICIANS	22	24	22	24	-	-	-	-	-	-	-	-
MECHANICAL ENGINEERING TECHNICIANS	11	-	11	-	-	-	-	-	-	-	-	-
ENGINEERING TECHNICIANS, N.E.C.	444	103	444	103	-	-	-	-	-	-	-	-
DRAFTING OCCUPATIONS	688	58	663	52	25	-	-	-	-	-	-	6
SURVEYING AND MAPPING TECHNICIANS	44	7	44	7	-	-	-	-	-	-	-	-
SCIENCE TECHNICIANS	343	189	322	184	21	5	-	-	-	-	-	-
BIOLOGICAL TECHNICIANS	34	42	34	42	-	-	-	-	-	-	-	-
CHEMICAL TECHNICIANS	172	18	151	13	21	5	-	-	-	-	-	-
SCIENCE TECHNICIANS, N.E.C.	137	129	137	129	-	-	-	-	-	-	-	-
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	1 176	484	1 106	446	38	32	-	-	32	-	25	14
AIRPLANE PILOTS AND NAVIGATORS	68	-	68	-	-	-	-	-	-	-	-	-
AIR TRAFFIC CONTROLLERS	37	17	37	17	-	-	-	-	-	-	-	-
BROADCAST EQUIPMENT OPERATORS	104	13	104	13	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	500	222	456	200	30	22	-	-	14	-	12	-
TOOL PROGRAMMERS, NUMERICAL CONTROL	11	-	11	-	-	-	-	-	-	-	-	-
LEGAL ASSISTANTS	30	76	30	76	-	-	-	-	-	-	-	-
TECHNICIANS, N.E.C.	426	156	400	140	8	10	-	-	18	-	13	14
SALES OCCUPATIONS	11 706	11 536	11 477	11 176	146	234	14	29	26	41	98	110
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS, SALARIED	2 293	1 093	2 264	1 086	24	-	-	-	5	-	17	7
MANUFACTURING	112	-	112	-	-	-	-	-	-	-	-	-
WHOLESALE TRADE	185	11	185	11	-	-	-	-	-	-	-	-
RETAIL TRADE	1 820	1 051	1 791	1 044	24	-	-	-	5	-	12	7
ALL OTHER INDUSTRIES	176	31	176	31	-	-	-	-	-	-	5	-
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS, SELF-EMPLOYED	586	286	565	270	7	10	-	-	7	6	13	6
MANUFACTURING	7	-	-	-	7	-	-	-	-	-	-	-
WHOLESALE TRADE	42	6	42	6	-	-	-	-	-	-	-	-
RETAIL TRADE	513	267	499	251	-	10	-	-	7	6	13	6
ALL OTHER INDUSTRIES	24	13	24	13	-	-	-	-	-	-	-	-
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	2 222	1 246	2 162	1 219	53	16	7	-	-	6	-	5
INSURANCE SALES OCCUPATIONS	1 073	351	1 045	345	21	6	7	-	-	-	-	-
REAL ESTATE SALES OCCUPATIONS	426	452	408	446	18	-	-	-	-	6	-	-
SECURITIES AND FINANCIAL SERVICES SALES OCCUPATIONS	175	26	175	26	-	-	-	-	-	-	-	-
ADVERTISING AND RELATED SALES OCCUPATIONS	125	95	118	95	7	-	-	-	-	-	-	-
SALES OCCUPATIONS, OTHER BUSINESS SERVICES	423	322	416	307	7	10	-	-	-	-	-	5
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	2 708	303	2 695	299	5	4	-	-	-	-	24	-
SALES ENGINEERS	164	7	164	7	-	-	-	-	-	-	10	-
SALES REPRESENTATIVES, MINING, MANUFACTURING, AND WHOLESALE	2 544	296	2 531	292	5	4	-	-	-	-	14	-
WHOLESALE TRADE	1 735	168	1 727	164	-	4	-	-	-	-	14	-
SALES WORKERS, RETAIL AND PERSONAL SERVICES	3 859	8 580	3 753	8 274	57	204	7	29	14	29	44	92
SALES WORKERS, MOTOR VEHICLES AND BOATS	602	24	597	24	-	-	-	-	-	-	10	-
SALES WORKERS, APPAREL	184	915	178	887	-	21	-	-	6	7	-	-
SALES WORKERS, SHOES	121	158	108	158	7	-	-	-	-	-	6	-
SALES WORKERS, FURNITURE AND HOME FURNISHINGS	224	189	221	180	3	9	-	-	-	-	-	-
SALES WORKERS, RADIO, TV, HI-FI, AND APPLIANCES	189	46	184	46	5	-	-	-	-	-	-	-
SALES WORKERS, HARDWARE AND BUILDING SUPPLIES	253	66	247	66	6	-	-	-	-	-	-	-
SALES WORKERS, PARTS	270	23	270	23	-	-	-	-	-	-	11	-
SALES WORKERS, OTHER COMMODITIES	1 156	3 199	1 127	3 098	17	50	7	16	5	22	-	35
RETAIL TRADE	1 100	3 149	1 071	3 048	17	50	7	16	5	22	-	35
PERSONAL, BUSINESS AND REPAIR SERVICES	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER INDUSTRIES	56	50	56	50	-	-	-	-	-	-	-	-
SALES COUNTER CLERKS	82	125	75	107	7	18	-	-	-	-	-	-
CASHIERS	494	3 512	462	3 386	12	88	-	13	3	-	17	51
STREET AND DOOR-TO-DOOR SALES WORKERS	44	270	44	246	-	18	-	-	-	-	-	6
NEWS VENDORS	240	53	240	53	-	-	-	-	-	-	-	-
SALES RELATED OCCUPATIONS	38	28	38	28	-	-	-	-	-	-	-	-
DEMONSTRATORS, PROMOTERS AND MODELS, SALES	-	23	-	23	-	-	-	-	-	-	-	-
AUCTIONEERS	32	5	32	5	-	-	-	-	-	-	-	-
SALES SUPPORT OCCUPATIONS, N.E.C.	6	-	6	-	-	-	-	-	-	-	-	-
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	9 777	32 250	9 202	30 653	465	1 255	11	32	18	64	119	456
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	1 570	1 295	1 543	1 227	27	62	-	-	-	-	-	17
SUPERVISORS, GENERAL OFFICE	799	941	790	884	9	57	-	-	-	-	-	7
SUPERVISORS, COMPUTER EQUIPMENT OPERATORS	41	32	41	32	-	-	-	-	-	-	-	-
SUPERVISORS, FINANCIAL RECORDS PROCESSING	209	214	209	209	-	5	-	-	-	-	-	-
CHIEF COMMUNICATIONS OPERATORS	101	33	97	27	4	-	-	-	-	-	-	6
SUPERVISORS; DISTRIBUTION, SCHEDULING, AND ADJUSTING CLERKS	420	75	406	75	14	-	-	-	-	-	-	4

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

SPRINGFIELD-CHICOPEE-HOLYOKE, MA-CT SMSA	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
COMPUTER EQUIPMENT OPERATORS	313	547	306	500	7	35	-	-	-	-	-	-
COMPUTER OPERATORS	297	493	290	446	7	35	-	-	-	-	-	-
PERIPHERAL EQUIPMENT OPERATORS	16	54	16	54	-	-	-	-	-	-	-	-
SECRETARIES, STENOGRAPHERS, AND TYPISTS	81	10 455	67	10 054	4	273	-	21	-	35	10	135
SECRETARIES	28	8 084	28	7 825	-	182	-	21	-	35	-	63
STENOGRAPHERS	11	120	11	120	-	-	-	-	-	-	-	-
TYPISTS	42	2 251	28	2 109	4	91	-	-	-	-	10	72
INFORMATION CLERKS	196	1 623	186	1 515	10	76	-	6	-	9	-	31
INTERVIEWERS	53	289	53	281	-	8	-	-	-	-	-	-
HOTEL CLERKS	21	40	21	40	-	-	-	-	-	-	-	-
TRANSPORTATION TICKET AND RESERVATION AGENTS	62	66	52	60	10	6	-	-	-	-	-	-
RECEPTIONISTS	33	1 064	33	979	-	53	-	6	-	9	-	31
INFORMATION CLERKS, N.E.C.	27	164	27	155	-	9	-	-	-	-	-	-
RECORDS PROCESSING OCCUPATIONS, EXCEPT FINANCIAL	481	2 512	449	2 380	19	108	-	-	6	-	5	38
CLASSIFIED-AD CLERKS	-	37	-	31	-	6	-	-	-	-	-	-
CORRESPONDENCE CLERKS	14	31	14	31	-	-	-	-	-	-	-	-
ORDER CLERKS	251	573	233	558	5	15	-	-	6	-	5	5
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	8	374	8	370	-	4	-	-	-	-	-	-
LIBRARY CLERKS	52	547	38	516	14	31	-	-	-	-	-	-
FILE CLERKS	144	803	144	727	-	52	-	-	-	-	-	33
RECORDS CLERKS	12	147	12	147	-	-	-	-	-	-	-	-
FINANCIAL RECORDS PROCESSING OCCUPATIONS	435	5 123	407	5 017	11	95	-	5	-	6	22	18
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	242	3 802	231	3 751	11	45	-	-	-	6	5	13
PAYROLL AND TIMEKEEPING CLERKS	57	546	57	533	-	8	-	5	-	-	-	5
BILLING CLERKS	57	441	57	426	-	15	-	-	-	-	-	-
COST AND RATE CLERKS	61	218	54	201	-	17	-	-	-	-	7	-
BILLING, POSTING, AND CALCULATING MACHINE OPERATORS	18	116	8	106	-	10	-	-	-	-	10	-
DUPLICATING, MAIL, AND OTHER OFFICE MACHINE OPERATORS	20	86	20	80	-	-	-	-	-	6	-	-
DUPLICATING MACHINE OPERATORS	3	25	3	19	-	-	-	-	-	6	-	-
MAIL PREPARING AND PAPER HANDLING MACHINE OPERATORS	-	6	-	6	-	-	-	-	-	-	-	-
OFFICE MACHINE OPERATORS, N.E.C.	17	55	17	55	-	-	-	-	-	-	-	-
COMMUNICATIONS EQUIPMENT OPERATORS	142	759	142	716	-	37	-	-	-	-	-	18
TELEPHONE OPERATORS	130	734	130	697	-	31	-	-	-	-	-	18
TELEGRAPHERS	-	-	-	-	-	-	-	-	-	-	-	-
COMMUNICATIONS EQUIPMENT OPERATORS, N.E.C.	12	25	12	19	-	6	-	-	-	-	-	-
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	1 930	591	1 778	568	140	23	6	-	-	-	12	5
POSTAL CLERKS, EXCEPT MAIL CARRIERS	951	253	835	241	104	12	6	-	-	-	12	-
MAIL CARRIERS, POSTAL SERVICE	691	44	655	44	36	-	-	-	-	-	-	-
MAIL CLERKS, EXCEPT POSTAL SERVICE	204	214	204	209	-	5	-	-	-	-	-	5
MESSENGERS	84	80	84	74	-	6	-	-	-	-	-	-
MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING CLERKS	3 195	1 531	2 968	1 391	182	125	5	-	12	8	51	7
DISPATCHERS	146	53	138	45	8	8	-	-	-	-	-	-
PRODUCTION COORDINATORS	387	260	348	221	39	39	-	-	-	-	-	-
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	1 378	366	1 329	347	49	11	-	-	-	8	6	-
STOCK AND INVENTORY CLERKS	994	586	902	519	63	60	-	-	12	-	34	7
METER READERS	93	-	77	-	-	-	5	-	-	-	11	-
WEIGHERS, MEASURERS, AND CHECKERS	52	37	46	37	6	-	-	-	-	-	-	-
SAMPLERS	-	15	-	15	-	-	-	-	-	-	-	-
EXPEDITERS	145	124	128	117	17	7	-	-	-	-	-	-
MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING CLERKS, N.E.C.	-	90	-	90	-	-	-	-	-	-	-	-
ADJUSTERS AND INVESTIGATORS	441	662	428	593	13	57	-	-	-	-	-	18
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	233	286	233	240	-	34	-	-	-	-	-	12
INVESTIGATORS AND ADJUSTERS, EXCEPT INSURANCE	146	253	133	245	13	8	-	-	-	-	-	6
ELIGIBILITY CLERKS, SOCIAL WELFARE	-	20	-	13	-	7	-	-	-	-	-	-
BILL AND ACCOUNT COLLECTORS	62	103	62	95	-	8	-	-	-	-	-	-
MISCELLANEOUS ADMINISTRATIVE SUPPORT OCCUPATIONS	973	7 066	908	6 612	52	364	-	-	-	-	19	169
GENERAL OFFICE CLERKS	426	3 179	398	2 970	28	195	-	-	-	-	6	49
BANK TELLERS	77	1 338	77	1 278	-	50	-	-	-	-	-	18
PROOFREADERS	6	92	6	92	-	-	-	-	-	-	-	-
DATA-ENTRY KEYERS	58	869	45	815	13	43	-	-	-	-	-	18
STATISTICAL CLERKS	63	308	63	287	-	21	-	-	-	-	-	-
TEACHERS' AIDES	78	698	60	614	5	37	-	-	-	-	13	71
ADMINISTRATIVE SUPPORT OCCUPATIONS, N.E.C.	265	582	259	556	6	18	-	-	-	-	-	13
SERVICE OCCUPATIONS	13 986	20 325	12 941	18 662	772	1 301	44	26	46	148	311	383
PRIVATE HOUSEHOLD OCCUPATIONS	30	739	30	678	-	28	-	11	-	-	-	22
OCCUPATION:												
LAUNDERERS AND IRONERS	-	21	-	21	-	-	-	-	-	-	-	-
COOKS, PRIVATE HOUSEHOLD	5	34	5	34	-	-	-	-	-	-	-	-
HOUSEKEEPERS AND BUTLERS	-	93	-	89	-	-	-	-	-	-	-	4
CHILD CARE WORKERS, PRIVATE HOUSEHOLD	-	248	-	243	-	-	-	-	-	-	-	5
PRIVATE HOUSEHOLD CLEANERS AND SERVANTS	25	343	25	291	-	28	-	11	-	-	-	13
LIVING ARRANGEMENT:												
LIVING IN	-	57	-	52	-	-	-	-	-	-	-	5
LIVING OUT	30	682	30	626	-	28	-	11	-	-	-	17

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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SPRINGFIELD-CHICOPEE-HOLYOKE, MA-CT SMSA	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
PROTECTIVE SERVICE OCCUPATIONS	4 208	628	3 956	549	186	52	17	4	7	5	58	41
SUPERVISORS, PROTECTIVE SERVICE OCCUPATIONS	281	8	263	8	18	-	-	-	-	-	-	-
SUPERVISORS, FIREFIGHTING AND FIRE PREVENTION OCCUPATIONS	64	-	64	-	-	-	-	-	-	-	-	-
SUPERVISORS, POLICE AND DETECTIVES	175	-	164	-	11	-	-	-	-	-	-	-
SUPERVISORS, GUARDS	42	8	35	8	7	-	-	-	-	-	-	-
FIREFIGHTING AND FIRE PREVENTION OCCUPATIONS	1 061	-	1 056	-	-	-	5	-	-	-	6	-
FIRE INSPECTION AND FIRE PREVENTION OCCUPATIONS	29	-	29	-	-	-	-	-	-	-	-	-
FIREFIGHTING OCCUPATIONS	1 032	-	1 027	-	-	-	5	-	-	-	6	-
POLICE AND DETECTIVES	1 442	69	1 371	37	65	18	6	4	-	-	6	10
POLICE AND DETECTIVES, PUBLIC SERVICE	1 138	55	1 073	23	65	18	-	4	-	-	6	10
SHERIFFS, BAILIFFS, AND OTHER ENFORCEMENT OFFICERS	67	6	67	6	-	-	-	-	-	-	-	-
CORRECTIONAL INSTITUTION OFFICERS	237	8	231	8	-	-	6	-	-	-	-	-
GUARDS	1 424	551	1 266	504	103	34	6	-	7	5	46	31
CROSSING GUARDS	46	181	46	181	-	-	-	-	-	-	-	-
GUARDS AND POLICE, EXCEPT PUBLIC SERVICE	1 322	184	1 164	166	103	13	6	-	7	5	46	6
PROTECTIVE SERVICE OCCUPATIONS, N.E.C.	56	186	56	157	-	21	-	-	-	-	-	25
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	9 748	18 958	8 955	17 435	586	1 221	27	11	39	143	253	320
FOOD PREPARATION AND SERVICE OCCUPATIONS	3 523	8 784	3 268	8 452	153	193	27	-	33	125	65	63
SUPERVISORS, FOOD PREPARATION AND SERVICE OCCUPATIONS	298	429	269	403	24	16	-	-	5	10	-	-
BARTENDERS	440	197	421	197	5	-	5	-	-	-	17	-
WAITERS AND WAITRESSES	327	3 897	316	3 789	-	70	-	-	-	38	1	25
COOKS, EXCEPT SHORT ORDER	977	1 289	866	1 239	69	25	12	-	23	19	13	6
SHORT-ORDER COOKS	93	107	88	95	5	6	-	-	-	6	-	-
FOOD COUNTER, FOUNTAIN AND RELATED OCCUPATIONS	102	371	102	327	-	24	-	-	-	20	-	-
KITCHEN WORKERS, FOOD PREPARATION	41	223	33	216	8	7	-	-	-	-	-	-
WAITERS' AND WAITRESSES' ASSISTANTS	293	467	266	467	12	-	-	-	-	-	15	-
MISCELLANEOUS FOOD PREPARATION OCCUPATIONS	952	1 804	907	1 719	30	45	10	-	5	32	9	32
HEALTH SERVICE OCCUPATIONS	786	5 185	658	4 541	109	596	-	11	6	10	20	99
DENTAL ASSISTANTS	16	368	16	364	-	4	-	-	-	-	-	-
HEALTH AIDES, EXCEPT NURSING	123	582	106	530	11	46	-	-	6	-	-	10
NURSING AIDES, ORDERLIES, AND ATTENDANTS	647	4 235	536	3 647	98	546	-	11	-	10	20	89
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	4 791	1 755	4 446	1 523	283	209	-	-	-	-	141	67
SUPERVISORS, CLEANING AND BUILDING SERVICE WORKERS	339	85	321	78	18	7	-	-	-	-	-	-
MAIDS AND HOUSEMEN	509	887	431	746	66	118	-	-	-	-	27	43
JANITORS AND CLEANERS	3 893	767	3 652	683	191	84	-	-	-	-	114	24
ELEVATOR OPERATORS	29	16	21	16	8	-	-	-	-	-	-	-
PEST CONTROL OCCUPATIONS	21	-	21	-	-	-	-	-	-	-	-	-
PERSONAL SERVICE OCCUPATIONS	648	3 234	583	2 919	41	223	-	-	-	8	27	91
SUPERVISORS, PERSONAL SERVICE OCCUPATIONS	19	41	19	41	-	-	-	-	-	-	-	-
BARBERS	193	38	172	30	15	8	-	-	-	-	6	-
HAIRDRESSERS AND COSMETOLOGISTS	187	1 266	171	1 236	8	14	-	-	-	8	8	14
ATTENDANTS, AMUSEMENT AND RECREATION FACILITIES	61	27	56	27	-	-	-	-	-	-	5	-
GUIDES	6	6	6	6	-	-	-	-	-	-	-	-
USHERS	37	5	37	5	-	-	-	-	-	-	-	-
PUBLIC TRANSPORTATION ATTENDANTS	-	31	-	25	-	6	-	-	-	-	-	-
BAGGAGE PORTERS AND BELLHOPS	4	5	-	-	4	5	-	-	-	-	-	-
WELFARE SERVICE AIDES	7	414	7	395	-	19	-	-	-	-	-	-
CHILD CARE WORKERS, EXCEPT PRIVATE HOUSEHOLD	78	1 044	66	838	7	143	-	-	-	-	8	64
PERSONAL SERVICE OCCUPATIONS, N.E.C.	56	357	49	316	7	28	-	-	-	-	-	13
FARMING, FORESTRY, AND FISHING OCCUPATIONS	1 690	443	1 538	411	37	-	15	-	-	-	178	32
FARM OPERATORS AND MANAGERS	402	75	393	75	-	-	-	-	-	-	26	-
FARMERS, EXCEPT HORTICULTURAL	273	59	273	59	-	-	-	-	-	-	6	-
AGRICULTURAL PRODUCTION, CROPS	122	13	122	13	-	-	-	-	-	-	6	-
HORTICULTURAL SPECIALTY FARMERS	16	5	16	5	-	-	-	-	-	-	-	-
MANAGERS, FARMS, EXCEPT HORTICULTURAL	94	5	85	5	-	-	-	-	-	-	20	-
MANAGERS, HORTICULTURAL SPECIALTY FARMS	19	6	19	6	-	-	-	-	-	-	-	-
FARM OCCUPATIONS, EXCEPT MANAGERIAL	419	174	350	142	-	-	-	-	-	-	130	32
SUPERVISORS, FARM WORKERS	14	12	14	12	-	-	-	-	-	-	-	-
FARM WORKERS	356	136	287	104	-	-	-	-	-	-	130	32
AGRICULTURAL PRODUCTION, CROPS	285	100	216	68	-	-	-	-	-	-	130	32
MARINE LIFE CULTIVATION WORKERS	-	-	-	-	-	-	-	-	-	-	-	-
NURSERY WORKERS	49	26	49	26	-	-	-	-	-	-	-	-
RELATED AGRICULTURAL OCCUPATIONS	788	154	714	154	37	-	15	-	-	-	22	-
SUPERVISORS, RELATED AGRICULTURAL OCCUPATIONS	88	7	74	7	-	-	8	-	-	-	6	-
GROUNDSKEEPERS AND GARDENERS, EXCEPT FARM	650	20	590	20	37	-	7	-	-	-	16	-
ANIMAL CARETAKERS, EXCEPT FARM	50	121	50	121	-	-	-	-	-	-	-	-
GRADERS AND SORTERS, AGRICULTURAL PRODUCTS	-	6	-	6	-	-	-	-	-	-	-	-
INSPECTORS, AGRICULTURAL PRODUCTS	-	-	-	-	-	-	-	-	-	-	-	-
FORESTRY AND LOGGING OCCUPATIONS	76	36	76	36	-	-	-	-	-	-	-	-
SUPERVISORS, FORESTRY AND LOGGING WORKERS	-	7	-	7	-	-	-	-	-	-	-	-
FORESTRY WORKERS, EXCEPT LOGGING	6	-	6	-	-	-	-	-	-	-	-	-
TIMBER CUTTING AND LOGGING OCCUPATIONS	70	29	70	29	-	-	-	-	-	-	-	-
FISHERS, HUNTERS, AND TRAPPERS	5	4	5	4	-	-	-	-	-	-	-	-
CAPTAINS AND OTHER OFFICERS, FISHING VESSELS	-	-	-	-	-	-	-	-	-	-	-	-
FISHERS	5	4	5	4	-	-	-	-	-	-	-	-
HUNTERS AND TRAPPERS	-	-	-	-	-	-	-	-	-	-	-	-

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

SPRINGFIELD-CHICOPEE-HOLYOKE, MA-CT SMSA	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	28 218	2 343	27 009	2 110	844	168	47	6	54	38	489	58
MECHANICS AND REPAIRERS	9 272	205	8 843	199	273	-	10	6	27	-	160	6
SUPERVISORS, MECHANICS AND REPAIRERS	343	-	334	-	9	-	-	-	-	-	-	-
MECHANICS AND REPAIRERS, EXCEPT SUPERVISORS	8 929	205	8 509	199	264	-	10	6	27	-	160	6
VEHICLE AND MOBILE EQUIPMENT MECHANICS AND REPAIRERS	3 530	31	3 377	31	106	-	6	-	6	-	46	-
AUTOMOBILE MECHANICS	2 191	25	2 102	25	63	-	6	-	6	-	22	-
BUS, TRUCK, AND STATIONARY ENGINE MECHANICS	299	-	285	-	6	-	-	-	-	-	8	-
AIRCRAFT MECHANICS	186	-	178	-	8	-	-	-	-	-	-	-
SMALL ENGINE REPAIRERS	88	6	82	6	6	-	-	-	-	-	-	-
AUTOMOBILE BODY AND RELATED REPAIRERS	529	-	493	-	23	-	-	-	-	-	16	-
HEAVY EQUIPMENT MECHANICS	215	-	215	-	-	-	-	-	-	-	-	-
FARM EQUIPMENT MECHANICS	22	-	22	-	-	-	-	-	-	-	-	-
INDUSTRIAL MACHINERY REPAIRERS	2 011	61	1 896	61	71	-	-	-	14	-	44	-
MACHINERY MAINTENANCE OCCUPATIONS	85	6	73	6	12	-	-	-	-	-	-	-
ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS	1 277	18	1 235	18	24	-	-	-	-	-	18	-
ELECTRONIC REPAIRERS, COMMUNICATIONS AND INDUSTRIAL EQUIPMENT	405	7	378	7	9	-	-	-	-	-	18	-
DATA PROCESSING EQUIPMENT REPAIRERS	155	7	140	7	15	-	-	-	-	-	-	-
HOUSEHOLD APPLIANCE AND POWER TOOL REPAIRERS	154	-	154	-	-	-	-	-	-	-	-	-
TELEPHONE LINE INSTALLERS AND REPAIRERS	80	-	80	-	-	-	-	-	-	-	-	-
TELEPHONE INSTALLERS AND REPAIRERS	441	4	441	4	-	-	-	-	-	-	-	-
MISCELLANEOUS ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS	42	-	42	-	-	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	450	-	450	-	-	-	-	-	-	-	5	-
MISCELLANEOUS MECHANICS AND REPAIRERS	1 576	89	1 478	83	51	-	4	6	7	-	47	6
CAMERA, WATCH, AND MUSICAL INSTRUMENT REPAIRERS	64	10	64	10	-	-	-	-	-	-	-	-
LOCKSMITHS AND SAFE REPAIRERS	29	-	29	-	-	-	-	-	-	-	-	-
OFFICE MACHINE REPAIRERS	90	-	83	-	-	-	-	-	7	-	-	-
MECHANICAL CONTROLS AND VALVE REPAIRERS	118	-	118	-	-	-	-	-	-	-	-	-
ELEVATOR INSTALLERS AND REPAIRERS	50	-	50	-	-	-	-	-	-	-	-	-
MILLWRIGHTS	242	-	242	-	-	-	-	-	-	-	-	-
SPECIFIED MECHANICS AND REPAIRERS, N.E.C.	723	73	668	67	30	-	4	6	-	-	28	6
NOT SPECIFIED MECHANICS AND REPAIRERS	260	6	224	6	21	-	-	-	-	-	19	-
CONSTRUCTION TRADES	7 061	142	6 839	129	153	-	6	-	-	6	130	7
SUPERVISORS; CONSTRUCTION OCCUPATIONS	1 184	-	1 171	-	13	-	-	-	-	-	6	-
SUPERVISORS; BRICKMASONS, STONEMASONS, AND TILE SETTERS	17	-	17	-	-	-	-	-	-	-	-	-
SUPERVISORS; CARPENTERS AND RELATED WORKERS	72	-	72	-	-	-	-	-	-	-	-	-
SUPERVISORS; ELECTRICIANS AND POWER TRANSMISSION INSTALLERS	85	-	85	-	-	-	-	-	-	-	-	-
SUPERVISORS; PAINTERS, PAPERHANGERS, AND PLASTERERS	6	-	6	-	-	-	-	-	-	-	-	-
SUPERVISORS; PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	42	-	42	-	-	-	-	-	-	-	-	-
SUPERVISORS; N.E.C.	962	-	949	-	13	-	-	-	-	-	6	-
CONSTRUCTION TRADES, EXCEPT SUPERVISORS	5 877	142	5 668	129	140	-	6	-	-	6	124	7
BRICKMASONS AND STONEMASONS	362	-	347	-	7	-	-	-	-	-	8	-
TILE SETTERS, HARD AND SOFT	33	-	33	-	-	-	-	-	-	-	-	-
CARPET INSTALLERS	73	-	64	-	-	-	-	-	-	-	9	-
CARPENTERS	2 063	59	2 018	59	33	-	-	-	-	-	36	-
DRYWALL INSTALLERS	106	-	104	-	2	-	-	-	-	-	-	-
ELECTRICIANS	956	41	943	34	13	-	-	-	-	-	10	7
ELECTRICAL POWER INSTALLERS AND REPAIRERS	192	6	166	6	26	-	-	-	-	-	6	-
PAINTERS, CONSTRUCTION AND MAINTENANCE	578	28	549	22	19	-	-	-	-	6	10	-
PAPERHANGERS	34	-	34	-	-	-	-	-	-	-	-	-
PLASTERERS	17	-	17	-	-	-	-	-	-	-	-	-
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	732	6	698	6	15	-	-	-	-	-	26	-
CONCRETE AND TERRAZZO FINISHERS	38	-	38	-	-	-	-	-	-	-	-	-
GLAZIERS	45	-	45	-	-	-	-	-	-	-	-	-
INSULATION WORKERS	92	-	86	-	-	-	6	-	-	-	-	-
PAVING, SURFACING, AND TAMPING EQUIPMENT OPERATORS	5	-	5	-	-	-	-	-	-	-	-	-
ROOFERS	177	-	168	-	9	-	-	-	-	-	14	-
SHEETMETAL DUCT INSTALLERS	33	-	33	-	-	-	-	-	-	-	-	-
STRUCTURAL METAL WORKERS	127	2	111	2	16	-	-	-	-	-	-	-
DRILLERS, EARTH	14	-	14	-	-	-	-	-	-	-	-	-
CONSTRUCTION TRADES, N.E.C.	200	-	195	-	-	-	-	-	-	-	5	-
EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
SUPERVISORS, EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
DRILLERS, OIL WELL	-	-	-	-	-	-	-	-	-	-	-	-
EXPLOSIVES WORKERS	-	-	-	-	-	-	-	-	-	-	-	-
MINING MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
MINING OCCUPATIONS, N.E.C.	-	-	-	-	-	-	-	-	-	-	-	-

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

SPRINGFIELD-CHICOPEE-HOLYOKE, MA-CT SMSA	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
PRECISION PRODUCTION OCCUPATIONS	11 885	1 996	11 327	1 782	418	168	31	-	27	32	199	45
SUPERVISORS, PRODUCTION OCCUPATIONS	5 025	715	4 862	602	104	105	23	-	6	-	66	8
NONDURABLE GOODS MANUFACTURING	1 806	268	1 758	264	31	4	6	-	6	-	14	8
DURABLE GOODS MANUFACTURING	2 228	255	2 140	176	46	71	17	-	-	-	52	-
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	301	-	296	-	5	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	535	130	523	116	12	14	-	-	-	-	-	-
ALL OTHER INDUSTRIES	155	62	145	46	10	16	-	-	-	-	-	-
PRECISION METALWORKING OCCUPATIONS	4 497	210	4 235	174	223	29	8	-	14	7	81	15
TOOL AND DIE MAKERS	1 053	7	1 041	7	12	-	-	-	-	-	13	-
PRECISION ASSEMBLERS, METAL	11	19	11	10	-	9	-	-	-	-	-	-
MACHINISTS	2 894	148	2 684	121	171	20	8	-	14	7	60	15
BOILERMAKERS	36	-	36	-	-	-	-	-	-	-	-	-
PRECISION GRINDERS, FILERS, AND TOOL SHARPENERS	51	9	51	9	-	-	-	-	-	-	-	-
PATTERNMAKERS AND MODEL MAKERS, METAL	37	-	37	-	-	-	-	-	-	-	-	-
LAY-OUT WORKERS	14	-	14	-	-	-	-	-	-	-	-	-
PRECIOUS STONES AND METALS WORKERS (JEWELERS)	18	-	18	-	-	-	-	-	-	-	-	-
ENGRAVERS, METAL	23	13	23	13	-	-	-	-	-	-	-	-
SHEET METAL WORKERS	360	14	320	14	40	-	-	-	-	-	8	-
MISCELLANEOUS PRECISION METAL WORKERS	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION WOODWORKING OCCUPATIONS	214	-	197	-	10	-	-	-	7	-	-	-
PATTERNMAKERS AND MODEL MAKERS, WOOD	37	-	30	-	-	-	-	-	7	-	-	-
CABINET MAKERS AND BENCH CARPENTERS	102	-	102	-	-	-	-	-	-	-	-	-
FURNITURE AND WOOD FINISHERS	37	-	27	-	10	-	-	-	-	-	-	-
MISCELLANEOUS PRECISION WOODWORKERS	38	-	38	-	-	-	-	-	-	-	-	-
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	268	210	257	199	4	6	-	-	-	5	-	-
DRESSMAKERS	12	144	12	133	-	6	-	-	-	5	-	-
TAILORS	106	31	106	31	-	-	-	-	-	-	-	-
UPHOLSTERERS	116	19	109	19	-	-	-	-	-	-	-	-
SHOE REPAIRERS	25	6	21	6	4	-	-	-	-	-	-	-
APPAREL AND FABRIC PATTERNMAKERS	9	5	9	5	-	-	-	-	-	-	-	-
MISCELLANEOUS PRECISION APPAREL AND FABRIC WORKERS	-	5	-	5	-	-	-	-	-	-	-	-
PRECISION WORKERS, ASSORTED MATERIALS	633	529	572	486	50	17	-	-	-	20	29	11
HAND MOLDERS AND SHAPERS, EXCEPT JEWELERS	98	31	88	31	4	-	-	-	-	-	6	-
PATTERNMAKERS, LAY-OUT WORKERS, AND CUTTERS	15	-	9	-	6	-	-	-	-	-	-	-
OPTICAL GOODS WORKERS	124	34	124	34	-	-	-	-	-	-	-	-
DENTAL LABORATORY AND MEDICAL APPLIANCE TECHNICIANS	57	29	57	29	-	-	-	-	-	-	-	-
BOOKBINDERS	23	102	18	102	-	-	-	-	-	-	5	-
ELECTRICAL AND ELECTRONIC EQUIPMENT ASSEMBLERS	80	272	68	229	12	17	-	-	-	20	13	11
MISCELLANEOUS PRECISION WORKERS, N.E.C.	236	61	208	61	28	-	-	-	-	-	5	-
PRECISION FOOD PRODUCTION OCCUPATIONS	638	186	604	179	17	7	-	-	-	-	17	-
BUTCHERS AND MEAT CUTTERS	398	42	377	42	4	-	-	-	-	-	17	-
BAKERS	215	124	202	117	13	7	-	-	-	-	-	-
FOOD BATCHMAKERS	25	20	25	20	-	-	-	-	-	-	-	-
PRECISION INSPECTORS, TESTERS, AND RELATED WORKERS	235	116	229	112	6	4	-	-	-	-	-	11
INSPECTORS, TESTERS, AND GRADERS	235	116	229	112	6	4	-	-	-	-	-	11
ADJUSTERS AND CALIBRATORS	-	-	-	-	-	-	-	-	-	-	-	-
PLANT AND SYSTEM OPERATORS	375	30	371	30	4	-	-	-	-	-	6	-
WATER AND SEWAGE TREATMENT PLANT OPERATORS	81	17	81	17	-	-	-	-	-	-	-	-
POWER PLANT OPERATORS	23	6	23	6	-	-	-	-	-	-	-	-
STATIONARY ENGINEERS	230	7	230	7	-	-	-	-	-	-	6	-
MISCELLANEOUS PLANT AND SYSTEM OPERATORS	41	-	37	-	4	-	-	-	-	-	-	-
OPERATORS, FABRICATORS, AND LABORERS	33 158	15 262	30 271	13 557	1 761	1 241	36	47	72	124	1 615	590
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	18 717	12 550	16 850	11 058	1 078	1 108	19	41	54	108	1 101	514
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	14 030	7 937	12 599	7 195	783	516	19	16	49	69	867	305
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	2 629	403	2 421	356	104	47	19	-	18	-	107	-
LATHE AND TURNING MACHINE SET-UP OPERATORS	222	-	222	-	-	-	-	-	-	-	-	-
LATHE AND TURNING MACHINE OPERATORS	409	21	353	14	19	7	12	-	-	-	31	-
MILLING AND PLANING MACHINE OPERATORS	207	21	175	16	22	5	-	-	-	-	10	-
PUNCHING AND STAMPING PRESS MACHINE OPERATORS	158	124	151	118	-	6	-	-	-	-	7	-
ROLLING MACHINE OPERATORS	36	-	36	-	-	-	-	-	-	-	-	-
DRILLING AND BORING MACHINE OPERATORS	210	43	197	43	6	-	7	-	-	-	5	-
GRINDING, ABRADING, BUFFING, AND POLISHING MACHINE OPERATORS	1 159	177	1 080	148	46	29	-	-	8	-	54	-
FORGING MACHINE OPERATORS	131	-	110	-	11	-	-	-	10	-	-	-
NUMERICAL CONTROL MACHINE OPERATORS	20	-	20	-	-	-	-	-	-	-	-	-
MISCELLANEOUS METAL, PLASTIC, STONE, AND GLASS WORKING MACHINE OPERATORS	77	17	77	17	-	-	-	-	-	-	-	-

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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SPRINGFIELD-CHICOPEE-HOLYOKE, MA-CT SMSA	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
FABRICATING MACHINE OPERATORS, N.E.C.	94	78	78	61	16	7	-	-	-	10	-	-
METAL AND PLASTIC PROCESSING MACHINE OPERATORS	632	238	571	213	42	20	-	5	-	-	56	-
MOLDING AND CASTING MACHINE OPERATORS	424	227	385	207	24	15	-	5	-	-	43	-
METAL PLATING MACHINE OPERATORS	133	-	119	-	10	-	-	-	-	-	13	-
HEAT TREATING EQUIPMENT OPERATORS	51	6	51	6	-	-	-	-	-	-	-	-
MISCELLANEOUS METAL AND PLASTIC PROCESSING MACHINE OPERATORS	24	5	16	-	8	5	-	-	-	-	-	-
WOODWORKING MACHINE OPERATORS	160	18	160	18	-	-	-	-	-	-	-	-
WOOD LATHE, ROUTING, AND PLANING MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
SAWING MACHINE OPERATORS	90	12	90	12	-	-	-	-	-	-	-	-
SHAPING AND JOINING MACHINE OPERATORS	15	6	15	6	-	-	-	-	-	-	-	-
NAILING AND TACKING MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
MISCELLANEOUS WOODWORKING MACHINE OPERATORS	55	-	55	-	-	-	-	-	-	-	-	-
PRINTING MACHINE OPERATORS	1 265	414	1 207	400	52	6	-	-	6	-	29	8
PRINTING MACHINE OPERATORS	884	187	835	181	43	6	-	-	6	-	22	-
PHOTOENGRAVERS AND LITHOGRAPHERS	67	7	67	7	-	-	-	-	-	-	-	-
TYPESETTERS AND COMPOSITORS	175	77	175	77	-	-	-	-	-	-	-	-
MISCELLANEOUS PRINTING MACHINE OPERATORS	139	143	130	135	9	-	-	-	-	-	7	8
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	666	2 362	544	2 127	34	164	-	6	-	9	131	136
WINDING AND TWISTING MACHINE OPERATORS	14	62	14	62	-	-	-	-	-	-	-	-
KNITTING, LOOPING, TAPING, AND WEAVING MACHINE OPERATORS	31	90	25	77	-	7	-	-	-	-	13	17
TEXTILE CUTTING MACHINE OPERATORS	24	15	17	15	7	-	-	-	-	-	-	-
TEXTILE SEWING MACHINE OPERATORS	40	1 460	32	1 322	8	121	-	-	-	9	-	67
SHOE MACHINE OPERATORS	32	31	26	25	6	-	-	6	-	-	6	-
PRESSING MACHINE OPERATORS	48	168	48	150	-	7	-	-	-	-	7	11
LAUNDERING AND DRY CLEANING MACHINE OPERATORS	203	353	182	303	-	19	-	-	-	-	33	35
MISCELLANEOUS TEXTILE MACHINE OPERATORS	274	183	200	173	13	10	-	-	-	-	72	6
MACHINE OPERATORS, ASSORTED MATERIALS	8 584	4 424	7 618	4 020	535	272	-	5	25	50	544	161
CEMENTING AND GLUING MACHINE OPERATORS	83	192	75	170	-	14	-	-	-	8	8	8
PACKAGING AND FILLING MACHINE OPERATORS	157	103	127	97	24	6	-	-	-	-	13	-
EXTRUDING AND FORMING MACHINE OPERATORS	162	6	146	6	16	-	-	-	-	-	-	-
MIXING AND BLENDING MACHINE OPERATORS	466	23	439	14	22	9	-	-	-	-	5	-
SEPARATING, FILTERING, AND CLARIFYING MACHINE OPERATORS	129	-	119	-	-	-	-	-	-	-	10	-
COMPRESSING AND COMPACTING MACHINE OPERATORS	57	53	50	44	-	-	-	-	7	9	-	-
PAINTING AND PAINT SPRAYING MACHINE OPERATORS	339	96	302	96	16	-	-	-	-	-	26	-
ROASTING AND BAKING MACHINE OPERATORS, FOOD	-	-	-	-	-	-	-	-	-	-	-	-
WASHING, CLEANING, AND PICKLING MACHINE OPERATORS	15	-	15	-	-	-	-	-	-	-	3	-
FOLDING MACHINE OPERATORS	99	122	99	103	-	-	-	-	-	12	-	7
FURNACE, KILN, AND OVEN OPERATORS, EXCEPT FOOD	218	21	196	21	22	-	-	-	-	-	-	-
CRUSHING AND GRINDING MACHINE OPERATORS	105	-	93	-	12	-	-	-	-	-	7	-
SLICING AND CUTTING MACHINE OPERATORS	651	251	627	251	15	-	-	-	-	-	14	-
MOTION PICTURE PROJECTIONISTS	13	-	13	-	-	-	-	-	-	-	-	-
PHOTOGRAPHIC PROCESS MACHINE OPERATORS	73	119	73	119	-	-	-	-	-	-	-	-
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	6 017	3 438	5 244	3 099	408	243	-	5	18	21	458	146
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	1 653	896	1 521	841	82	33	-	-	-	-	65	40
MACHINE OPERATORS, NOT SPECIFIED	4 364	2 542	3 723	2 258	326	210	-	5	18	21	393	106
INDUSTRY:												
MANUFACTURING	5 750	3 281	5 014	2 942	408	243	-	5	12	21	427	139
NONDURABLE GOODS	2 408	1 582	2 122	1 465	143	87	-	-	5	12	179	34
FOOD AND KINDRED PRODUCTS	36	19	28	19	8	-	-	-	-	-	-	-
TOBACCO MANUFACTURES	8	6	8	6	-	-	-	-	-	-	8	-
TEXTILE MILL PRODUCTS	114	22	102	16	-	6	-	-	-	-	12	-
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	18	58	18	58	-	-	-	-	-	-	-	-
PAPER AND ALLIED PRODUCTS	1 003	548	922	500	30	42	-	-	-	6	66	11
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	295	262	256	249	4	-	-	-	-	-	39	18
CHEMICALS AND ALLIED PRODUCTS	244	112	201	100	33	7	-	-	-	-	10	5
PETROLEUM AND COAL PRODUCTS	-	-	-	-	-	-	-	-	-	-	-	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS	659	467	576	429	60	32	-	-	5	6	32	-
LEATHER AND LEATHER PRODUCTS	31	88	11	88	8	-	-	-	-	-	12	-
DURABLE GOODS	3 269	1 688	2 847	1 466	256	156	-	5	7	9	229	105
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE	67	10	45	10	-	-	-	-	-	-	22	-
FURNITURE AND FIXTURES	11	12	5	12	-	-	-	-	-	-	6	-
STONE, CLAY, GLASS, AND CONCRETE PRODUCTS	66	6	56	6	5	-	-	-	-	-	5	-
PRIMARY METAL INDUSTRIES	399	53	388	53	6	-	-	-	-	-	19	-
BLAST FURNACES, STEELWORKS, ROLLING AND FINISHING MILLS	60	-	55	-	-	-	-	-	-	-	11	-

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

SPRINGFIELD-CHICOPEE-HOLYOKE, MA-CT SMSA	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS-CON.												
INDUSTRY-CON.												
FABRICATED METAL INDUSTRIES	1 060	180	978	158	57	22	-	-	-	-	38	-
MACHINERY, EXCEPT ELECTRICAL	580	188	527	154	16	6	-	-	-	-	50	40
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	86	357	74	333	-	10	-	-	7	-	5	25
TRANSPORTATION EQUIPMENT	287	26	225	16	50	10	-	-	-	-	19	-
MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT	17	-	6	-	5	-	-	-	-	-	6	-
OTHER TRANSPORTATION EQUIPMENT	270	26	219	16	45	10	-	-	-	-	13	-
PROFESSIONAL AND PHOTOGRAPHIC EQUIPMENT, AND WATCHES	47	26	40	26	7	-	-	-	-	-	5	-
MISCELLANEOUS MANUFACTURING INDUSTRIES	666	830	509	698	115	108	-	5	-	9	60	40
NOT SPECIFIED MANUFACTURING INDUSTRIES	73	11	45	11	9	-	-	-	-	-	19	-
NONMANUFACTURING INDUSTRIES	267	157	230	157	-	-	-	-	6	-	31	7
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	53	-	53	-	-	-	-	-	-	-	-	-
WHOLESALE TRADE	24	7	24	7	-	-	-	-	-	-	-	-
RETAIL TRADE	46	51	46	51	-	-	-	-	-	-	-	-
BUSINESS AND REPAIR SERVICES	31	20	25	20	-	-	-	-	6	-	-	-
PUBLIC ADMINISTRATION	12	-	12	-	-	-	-	-	-	-	-	-
ALL OTHER INDUSTRIES	101	79	70	79	-	-	-	-	-	-	31	7
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	3 067	2 938	2 773	2 437	209	378	-	25	-	17	152	160
WELDERS AND CUTTERS	904	78	841	61	60	9	-	-	-	-	26	8
SOLDERERS AND BRAZERS	20	177	20	157	-	5	-	6	-	-	4	9
ASSEMBLERS	1 945	2 571	1 724	2 125	149	351	-	14	-	17	112	139
HAND CUTTING AND TRIMMING OCCUPATIONS	-	18	-	5	-	13	-	-	-	-	-	-
HAND MOLDING, CASTING, AND FORMING OCCUPATIONS	28	14	28	14	-	-	-	-	-	-	-	-
HAND PAINTING, COATING AND DECORATING OCCUPATIONS	68	22	64	17	-	-	-	5	-	-	4	-
HAND ENGRAVING AND PRINTING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
HAND GRINDING AND POLISHING OCCUPATIONS	39	-	39	-	-	-	-	-	-	-	-	-
MISCELLANEOUS HAND WORKING OCCUPATIONS	63	58	57	58	-	-	-	-	-	-	6	4
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 620	1 675	1 478	1 426	86	214	-	-	5	22	82	49
PRODUCTION INSPECTORS, CHECKERS, AND EXAMINERS	1 364	1 379	1 263	1 205	71	157	-	-	5	10	56	43
PRODUCTION TESTERS	209	130	178	81	15	31	-	-	-	12	16	6
PRODUCTION SAMPLERS AND WEIGHERS	7	19	7	19	-	-	-	-	-	-	-	-
GRADERS AND SORTERS, EXCEPT AGRICULTURAL	40	147	30	121	-	26	-	-	-	-	10	-
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	7 914	831	7 392	751	350	37	6	6	18	6	264	36
MOTOR VEHICLE OPERATORS	5 962	705	5 523	647	291	27	6	6	18	6	202	24
SUPERVISORS, MOTOR VEHICLE OPERATORS	93	-	93	-	-	-	-	-	-	-	-	-
TRUCK DRIVERS, HEAVY	3 308	115	3 061	87	159	9	-	-	8	-	113	19
TRUCK DRIVERS, LIGHT	1 254	75	1 176	75	53	-	6	-	10	-	32	-
DRIVER-SALES WORKERS	468	44	468	44	-	-	-	-	-	-	-	-
BUS DRIVERS	593	448	499	424	64	18	-	-	-	6	52	5
TAXICAB DRIVERS AND CHAUFFEURS	187	23	172	17	15	-	-	6	-	-	-	-
PARKING LOT ATTENDANTS	55	-	50	-	-	-	-	-	-	-	5	-
MOTOR TRANSPORTATION OCCUPATIONS, N.E.C.	4	-	4	-	-	-	-	-	-	-	-	-
RAIL TRANSPORTATION OCCUPATIONS	225	-	225	-	-	-	-	-	-	-	-	-
RAILROAD CONDUCTORS AND YARDMASTERS	59	-	59	-	-	-	-	-	-	-	-	-
LOCOMOTIVE OPERATING OCCUPATIONS	107	-	107	-	-	-	-	-	-	-	-	-
RAILROAD BRAKE, SIGNAL, AND SWITCH OPERATORS	46	-	46	-	-	-	-	-	-	-	-	-
RAIL VEHICLE OPERATORS, N.E.C.	13	-	13	-	-	-	-	-	-	-	-	-
WATER TRANSPORTATION OCCUPATIONS	19	-	19	-	-	-	-	-	-	-	6	-
SHIP CAPTAINS AND MATES, EXCEPT FISHING BOATS	19	-	19	-	-	-	-	-	-	-	6	-
SAILORS AND DECKHANDS	-	-	-	-	-	-	-	-	-	-	-	-
MARINE ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-
BRIDGE, LOCK, AND LIGHTHOUSE TENDERS	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	1 708	126	1 625	104	59	10	-	-	-	-	56	12
SUPERVISORS, MATERIAL MOVING EQUIPMENT OPERATORS	28	-	28	-	-	-	-	-	-	-	-	-
OPERATING ENGINEERS	291	-	286	-	5	-	-	-	-	-	9	-
LONGSHORE EQUIPMENT OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
HOIST AND WINCH OPERATORS	11	-	5	-	6	-	-	-	-	-	-	-
CRANE AND TOWER OPERATORS	51	5	51	5	-	-	-	-	-	-	-	-
EXCAVATING AND LOADING MACHINE OPERATORS	60	-	60	-	-	-	-	-	-	-	-	-
GRADER, DOZER, AND SCRAPER OPERATORS	35	-	35	-	-	-	-	-	-	-	-	-
INDUSTRIAL TRUCK AND TRACTOR EQUIPMENT OPERATORS	737	14	703	14	23	-	-	-	-	-	26	-
MISCELLANEOUS MATERIAL MOVING EQUIPMENT OPERATORS	495	107	457	85	25	10	-	-	-	-	21	12

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

SPRINGFIELD-CHICOPEE-HOLYOKE, MA-CT SMSA	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	6 527	1 881	6 029	1 748	333	96	11	-	-	10	250	40
SUPERVISORS; HANDLERS, EQUIPMENT CLEANERS, AND LABORERS, N.E.C.	12	-	8	-	4	-	-	-	-	-	-	-
HELPERS, MECHANICS AND REPAIRERS	31	-	31	-	-	-	-	-	-	-	-	-
HELPERS, CONSTRUCTION AND EXTRACTIVE OCCUPATIONS	178	6	178	6	-	-	-	-	-	-	-	-
HELPERS, CONSTRUCTION TRADES	151	6	151	6	-	-	-	-	-	-	-	-
HELPERS, SURVEYOR	20	-	20	-	-	-	-	-	-	-	-	-
HELPERS, EXTRACTIVE OCCUPATIONS	7	-	7	-	-	-	-	-	-	-	-	-
CONSTRUCTION LABORERS	595	28	530	28	48	-	6	-	-	-	16	-
PRODUCTION HELPERS	215	22	197	22	6	-	-	-	-	-	12	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	2 585	547	2 370	504	173	43	5	-	-	-	66	-
GARBAGE COLLECTORS	110	-	64	-	30	-	-	-	-	-	23	-
STEVEDORES	7	-	7	-	-	-	-	-	-	-	-	-
STOCK HANDLERS AND BAGGERS	1 376	400	1 305	357	68	43	-	-	-	-	9	-
MACHINE FEEDERS AND OFFBEARERS	73	112	64	112	9	-	-	-	-	-	-	-
FREIGHT, STOCK, AND MATERIAL HANDLERS, N.E.C.	1 019	35	930	35	66	-	5	-	-	-	34	-
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	496	13	496	13	-	-	-	-	-	-	6	-
VEHICLE WASHERS AND EQUIPMENT CLEANERS	157	6	144	6	7	-	-	-	-	-	8	-
HAND PACKERS AND PACKAGERS	637	975	570	918	56	34	-	-	-	6	16	22
LABORERS, EXCEPT CONSTRUCTION	1 621	284	1 505	251	39	19	-	-	-	4	126	18
MANUFACTURING	644	120	601	103	19	7	-	-	-	-	73	18
NONDURABLE GOODS	249	84	234	67	4	7	-	-	-	-	23	18
FOOD AND KINDRED PRODUCTS	47	-	47	-	-	-	-	-	-	-	-	-
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	21	6	21	6	-	-	-	-	-	-	-	-
PAPER AND ALLIED PRODUCTS	79	30	79	20	-	-	-	-	-	-	-	18
CHEMICALS AND ALLIED PRODUCTS	23	7	23	-	-	7	-	-	-	-	12	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS	46	6	46	6	-	-	-	-	-	-	-	-
OTHER NONDURABLE GOODS	33	35	18	35	4	-	-	-	-	-	11	-
DURABLE GOODS	389	26	361	26	15	-	-	-	-	-	44	-
FURNITURE, LUMBER, AND WOOD PRODUCTS	5	-	5	-	-	-	-	-	-	-	-	-
STONE, CLAY, GLASS, AND CONCRETE PRODUCTS	38	-	38	-	-	-	-	-	-	-	-	-
PRIMARY METAL INDUSTRIES	83	-	83	-	-	-	-	-	-	-	16	-
FABRICATED METAL INDUSTRIES	115	5	94	5	8	-	-	-	-	-	22	-
MACHINERY, EXCEPT ELECTRICAL	26	5	26	5	-	-	-	-	-	-	-	-
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	-	5	-	5	-	-	-	-	-	-	-	-
TRANSPORTATION EQUIPMENT	47	6	47	6	-	-	-	-	-	-	-	-
MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT	-	-	-	-	-	-	-	-	-	-	-	-
OTHER DURABLE GOODS	75	5	68	5	7	-	-	-	-	-	6	-
NOT SPECIFIED MANUFACTURING INDUSTRIES	6	10	6	10	-	-	-	-	-	-	6	-
NONMANUFACTURING INDUSTRIES	977	164	904	148	20	12	-	-	-	4	53	-
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	184	5	178	5	-	-	-	-	-	-	6	-
WHOLESALE TRADE	352	51	320	51	6	-	-	-	-	-	26	-
RETAIL TRADE	236	33	228	33	8	-	-	-	-	-	-	-
BUSINESS AND REPAIR SERVICES	35	-	35	-	-	-	-	-	-	-	-	-
PUBLIC ADMINISTRATION	52	-	46	-	6	-	-	-	-	-	-	-
ALL OTHER INDUSTRIES	118	75	97	59	-	12	-	-	-	4	21	-

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

WORCESTER, MA SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
EMPLOYED PERSONS 16 YEARS AND OVER	96 284	75 274	94 237	73 385	1 002	1 062	132	118	397	417	1 182	805
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	24 973	16 760	24 386	16 347	235	270	38	23	233	109	213	134
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	12 412	4 379	12 245	4 250	92	82	11	16	52	31	41	27
LEGISLATORS, CHIEF EXECUTIVES AND GENERAL ADMINISTRATORS; PUBLIC ADMINISTRATION	68	13	68	13	-	-	-	-	-	-	-	-
ADMINISTRATORS AND OFFICIALS, PUBLIC ADMINISTRATION	295	169	295	161	-	-	-	-	-	8	-	6
FEDERAL	52	19	52	19	-	-	-	-	-	-	-	-
STATE	96	35	96	35	-	-	-	-	-	-	-	-
LOCAL	147	115	147	107	-	-	-	-	-	8	-	6
ADMINISTRATORS, PROTECTIVE SERVICES	38	-	38	-	-	-	-	-	-	-	-	-
FINANCIAL MANAGERS	573	205	565	205	8	-	-	-	-	-	7	-
PERSONNEL AND LABOR RELATIONS MANAGERS	314	83	306	83	8	-	-	-	-	-	-	-
PURCHASING MANAGERS	141	12	141	5	-	7	-	-	-	-	-	-
MANAGERS, MARKETING, ADVERTISING, AND PUBLIC RELATIONS	1 189	171	1 183	171	6	-	-	-	-	-	-	-
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	530	295	511	288	19	7	-	-	-	-	-	-
MANAGERS, MEDICINE AND HEALTH	119	192	119	192	-	-	-	-	-	-	-	-
MANAGERS, PROPERTIES AND REAL ESTATE	114	80	108	80	6	-	-	-	-	-	6	-
POSTMASTERS AND MAIL SUPERINTENDENTS	45	-	45	-	-	-	-	-	-	-	-	-
FUNERAL DIRECTORS	101	11	101	11	-	-	-	-	-	-	-	-
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	5 791	1 694	5 689	1 632	34	41	11	6	45	15	21	21
CONSTRUCTION	252	30	252	30	-	-	-	-	-	-	-	7
MANUFACTURING	2 170	247	2 163	242	-	5	-	-	7	-	9	-
NONDURABLE GOODS	624	52	624	52	-	-	-	-	-	-	-	-
DURABLE GOODS	1 546	195	1 539	190	-	5	-	-	7	-	9	-
TRANSPORTATION	204	15	204	15	-	-	-	-	-	-	-	-
COMMUNICATIONS, UTILITIES AND SANITARY SERVICES	186	70	174	70	-	-	-	-	-	-	12	-
WHOLESALE TRADE	467	63	453	63	8	-	-	-	6	-	-	-
RETAIL TRADE	1 001	394	990	382	5	12	-	-	6	-	-	-
GENERAL MERCHANDISE STORES	42	46	42	46	-	-	-	-	-	-	-	-
FOOD, BAKERY, AND DAIRY STORES	89	24	89	24	-	-	-	-	-	-	-	-
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	139	14	137	14	2	-	-	-	-	-	-	-
EATING AND DRINKING PLACES	382	138	373	138	3	-	-	-	6	-	-	-
OTHER RETAIL TRADE	349	172	349	160	-	12	-	-	-	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE	385	161	379	149	-	6	-	6	6	-	-	-
BUSINESS AND REPAIR SERVICES	366	99	351	92	4	7	11	-	-	-	-	-
PERSONAL SERVICES	52	50	52	50	-	-	-	-	-	-	-	-
ALL OTHER INDUSTRIES	708	565	671	539	17	11	-	-	20	15	-	14
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	591	168	580	159	11	7	-	-	-	2	-	-
CONSTRUCTION	82	-	82	-	-	-	-	-	-	-	-	-
MANUFACTURING	72	33	67	26	5	7	-	-	-	-	-	-
NONDURABLE GOODS	34	14	29	7	5	7	-	-	-	-	-	-
DURABLE GOODS	38	19	38	19	-	-	-	-	-	-	-	-
TRANSPORTATION	41	-	35	-	6	-	-	-	-	-	-	-
COMMUNICATIONS, UTILITIES AND SANITARY SERVICES	6	-	6	-	-	-	-	-	-	-	-	-
WHOLESALE TRADE	17	6	17	6	-	-	-	-	-	-	-	-
RETAIL TRADE	208	62	208	60	-	-	-	-	-	2	-	-
GENERAL MERCHANDISE STORES	8	-	8	-	-	-	-	-	-	-	-	-
FOOD, BAKERY, AND DAIRY STORES	19	15	19	15	-	-	-	-	-	-	-	-
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	13	-	13	-	-	-	-	-	-	-	-	-
EATING AND DRINKING PLACES	125	47	125	45	-	-	-	-	-	2	-	-
OTHER RETAIL TRADE	43	-	43	-	-	-	-	-	-	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE	5	8	5	8	-	-	-	-	-	-	-	-
BUSINESS AND REPAIR SERVICES	66	12	66	12	-	-	-	-	-	-	-	-
PERSONAL SERVICES	47	19	47	19	-	-	-	-	-	-	-	-
ALL OTHER INDUSTRIES	47	28	47	28	-	-	-	-	-	-	-	-
MANAGEMENT RELATED OCCUPATIONS	2 503	1 286	2 496	1 250	-	20	-	10	7	6	7	-
ACCOUNTANTS AND AUDITORS	971	398	971	379	-	13	-	-	-	6	-	-
UNDERWRITERS	64	23	64	23	-	-	-	-	-	-	-	-
OTHER FINANCIAL OFFICERS	280	252	280	245	-	7	-	-	-	-	-	-
MANAGEMENT ANALYSTS	85	26	85	26	-	-	-	-	-	-	-	-
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	337	361	337	351	-	-	-	10	-	-	7	-
PURCHASING AGENTS AND BUYERS, FARM PRODUCTS	22	-	22	-	-	-	-	-	-	-	-	-
BUYERS, WHOLESALE AND RETAIL TRADE EXCEPT FARM PRODUCTS	195	71	188	71	-	-	-	-	7	-	-	-
PURCHASING AGENTS AND BUYERS, N.E.C.	235	96	235	96	-	-	-	-	-	-	-	-
BUSINESS AND PROMOTION AGENTS	32	8	32	8	-	-	-	-	-	-	-	-
CONSTRUCTION INSPECTORS	55	-	55	-	-	-	-	-	-	-	-	-
INSPECTORS AND COMPLIANCE OFFICERS, EXC. CONSTRUCTION	213	16	213	16	-	-	-	-	-	-	-	-
MANAGEMENT RELATED OCCUPATIONS, N.E.C.	14	35	14	35	-	-	-	-	-	-	-	-
PROFESSIONAL SPECIALTY OCCUPATIONS	12 561	12 381	12 141	12 097	143	188	27	7	181	78	172	107
ENGINEERS, ARCHITECTS, AND SURVEYORS	3 480	105	3 401	105	6	-	-	-	66	-	-	-
ARCHITECTS	99	5	99	5	-	-	-	-	-	-	-	-
ENGINEERS	3 292	100	3 213	100	6	-	-	-	66	-	-	-
AEROSPACE	13	4	13	4	-	-	-	-	-	-	-	-
METALLURGICAL AND MATERIALS	96	-	96	-	-	-	-	-	-	-	-	-
MINING	-	-	-	-	-	-	-	-	-	-	-	-
PETROLEUM	5	-	5	-	-	-	-	-	-	-	-	-
CHEMICAL	61	-	61	-	-	-	-	-	-	-	-	-
NUCLEAR	23	5	23	5	-	-	-	-	-	-	-	-
CIVIL	410	-	410	-	-	-	-	-	-	-	-	-
AGRICULTURAL	-	-	-	-	-	-	-	-	-	-	-	-
ELECTRICAL AND ELECTRONIC	596	19	555	19	-	-	-	-	41	-	-	-
INDUSTRIAL	785	46	771	46	-	-	-	-	7	-	-	-
MECHANICAL	766	-	761	-	-	-	-	-	5	-	-	-
MARINE AND NAVAL ARCHITECTS	14	-	14	-	-	-	-	-	-	-	-	-
ENGINEERS, N.E.C.	523	26	504	26	6	-	-	-	13	-	-	-
SURVEYORS AND MAPPING SCIENTISTS	89	-	89	-	-	-	-	-	-	-	-	-

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

WORCESTER, MA SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
MATHEMATICAL AND COMPUTER SCIENTISTS	505	218	488	213	7	5	-	-	7	-	-	7
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	377	120	367	115	7	5	-	-	-	-	-	7
OPERATIONS AND SYSTEMS RESEARCHERS AND ANALYSTS	108	70	101	70	-	-	-	-	7	-	-	-
ACTUARIES	14	6	14	6	-	-	-	-	-	-	-	-
STATISTICIANS	6	22	6	22	-	-	-	-	-	-	-	-
MATHEMATICAL SCIENTISTS, N.E.C.	-	-	-	-	-	-	-	-	-	-	-	-
NATURAL SCIENTISTS	305	59	278	53	-	-	-	-	20	6	22	-
PHYSICISTS AND ASTRONOMERS	17	-	17	-	-	-	-	-	-	-	-	-
CHEMISTS, EXCEPT BIOCHEMISTS	157	8	140	8	-	-	-	-	10	-	14	-
ATMOSPHERIC AND SPACE SCIENTISTS	31	-	31	-	-	-	-	-	-	-	-	-
GEOLOGISTS AND GEODESISTS	6	-	6	-	-	-	-	-	-	-	-	-
PHYSICAL SCIENTISTS, N.E.C.	16	3	16	3	-	-	-	-	-	-	8	-
AGRICULTURAL AND FOOD SCIENTISTS	11	7	11	7	-	-	-	-	-	-	-	-
BIOLOGICAL AND LIFE SCIENTISTS	43	23	38	17	-	-	-	-	5	6	-	-
FORESTRY AND CONSERVATION SCIENTISTS	2	6	2	6	-	-	-	-	-	-	-	-
MEDICAL SCIENTISTS	22	12	17	12	-	-	-	-	5	-	-	-
HEALTH DIAGNOSING OCCUPATIONS	1 043	152	986	126	6	-	-	-	51	26	21	3
PHYSICIANS	791	120	739	94	6	-	-	-	46	26	11	3
DENTISTS	188	8	183	8	-	-	-	-	5	-	10	-
VETERINARIANS	21	5	21	5	-	-	-	-	-	-	-	-
OPTOMETRISTS	18	12	18	12	-	-	-	-	-	-	-	-
PODIATRISTS	7	7	7	7	-	-	-	-	-	-	-	-
HEALTH DIAGNOSING PRACTITIONERS, N.E.C.	18	-	18	-	-	-	-	-	-	-	-	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	412	4 353	405	4 305	-	34	-	-	-	14	17	15
REGISTERED NURSES	75	3 778	75	3 755	-	12	-	-	-	11	10	12
PHARMACISTS	219	67	219	67	-	-	-	-	-	-	-	-
DIETITIANS	36	93	36	90	-	-	-	-	-	3	-	3
THERAPISTS	76	391	69	376	-	15	-	-	-	-	7	-
INHALATION THERAPISTS	33	94	33	94	-	-	-	-	-	-	-	-
OCCUPATIONAL THERAPISTS	-	69	-	62	-	7	-	-	-	-	-	-
PHYSICAL THERAPISTS	17	68	17	68	-	-	-	-	-	-	-	-
SPEECH THERAPISTS	17	122	10	114	-	8	-	-	-	-	7	-
THERAPISTS, N.E.C.	9	38	9	38	-	-	-	-	-	-	-	-
PHYSICIANS' ASSISTANTS	6	24	6	17	-	7	-	-	-	-	-	-
TEACHERS, POSTSECONDARY	855	321	818	301	-	20	-	-	37	-	8	22
BIOLOGICAL SCIENCE TEACHERS	33	5	33	5	-	-	-	-	-	-	-	-
CHEMISTRY TEACHERS	8	-	8	-	-	-	-	-	-	-	-	-
PHYSICS TEACHERS	20	-	13	-	-	-	-	-	7	-	-	-
OTHER NATURAL SCIENCE TEACHERS	-	-	-	-	-	-	-	-	-	-	-	-
PSYCHOLOGY TEACHERS	25	-	25	-	-	-	-	-	-	-	-	-
ECONOMICS TEACHERS	13	-	13	-	-	-	-	-	-	-	-	-
HISTORY TEACHERS	28	11	28	11	-	-	-	-	-	-	-	-
OTHER SOCIAL SCIENCE TEACHERS	12	7	12	7	-	-	-	-	-	-	-	7
ENGINEERING TEACHERS	17	7	10	7	-	-	-	-	7	-	-	-
MATHEMATICAL AND COMPUTER SCIENCE TEACHERS	26	5	26	5	-	-	-	-	-	-	-	-
MEDICAL SCIENCE TEACHERS	-	18	-	18	-	-	-	-	-	-	-	-
HEALTH SPECIALTIES TEACHERS	-	33	-	33	-	-	-	-	-	-	-	-
BUSINESS, COMMERCE, AND MARKETING TEACHERS	5	-	5	-	-	-	-	-	-	-	-	-
ART, DRAMA, AND MUSIC TEACHERS	25	18	25	18	-	-	-	-	-	-	-	-
ENGLISH TEACHERS	48	5	42	5	-	-	-	-	6	-	-	-
FOREIGN LANGUAGE TEACHERS	6	21	6	21	-	-	-	-	-	-	-	8
OTHER SPECIFIED TEACHERS	50	13	50	13	-	-	-	-	-	-	-	-
POSTSECONDARY TEACHERS, SUBJECT NOT SPECIFIED	539	178	522	158	-	20	-	-	17	-	8	7
TEACHERS, EXCEPT POSTSECONDARY	2 667	4 940	2 609	4 850	36	60	10	7	-	16	22	37
TEACHERS, PREKINDERGARTEN AND KINDERGARTEN	5	360	5	338	-	8	-	7	-	7	-	-
TEACHERS, ELEMENTARY SCHOOL	1 178	2 952	1 173	2 890	5	46	-	-	-	9	17	22
TEACHERS, SECONDARY SCHOOL	1 171	1 256	1 145	1 250	7	6	7	-	-	-	5	10
TEACHERS, SPECIAL EDUCATION	14	35	14	35	-	-	-	-	-	-	-	-
TEACHERS, N.E.C.	299	337	272	337	24	-	3	-	-	-	-	5
COUNSELORS, EDUCATIONAL AND VOCATIONAL	225	190	186	176	39	14	-	-	-	-	-	-
LIBRARIANS, ARCHIVISTS, AND CURATORS	131	347	131	333	-	14	-	-	-	-	8	-
LIBRARIANS	91	325	91	311	-	14	-	-	-	-	-	-
ARCHIVISTS AND CURATORS	40	22	40	22	-	-	-	-	-	-	8	-
SOCIAL SCIENTISTS AND URBAN PLANNERS	364	186	354	179	10	7	-	-	-	-	13	-
ECONOMISTS	99	33	99	33	-	-	-	-	-	-	8	-
PSYCHOLOGISTS	240	145	230	138	10	7	-	-	-	-	5	-
SOCIOLOGISTS	-	-	-	-	-	-	-	-	-	-	-	-
SOCIAL SCIENTISTS, N.E.C.	6	4	6	4	-	-	-	-	-	-	-	-
URBAN PLANNERS	19	4	19	4	-	-	-	-	-	-	-	-
SOCIAL, RECREATION, AND RELIGIOUS WORKERS	905	840	844	811	27	16	9	-	-	9	33	16
SOCIAL WORKERS	486	686	449	666	3	7	9	-	-	9	33	16
RECREATION WORKERS	45	105	33	96	12	9	-	-	-	-	-	-
CLERGY	337	30	325	30	12	-	-	-	-	-	-	-
RELIGIOUS WORKERS, N.E.C.	37	19	37	19	-	-	-	-	-	-	-	-
LAWYERS AND JUDGES	550	67	544	67	6	-	-	-	-	-	6	-
LAWYERS	496	67	490	67	6	-	-	-	-	-	6	-
JUDGES	54	-	54	-	-	-	-	-	-	-	-	-
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	1 119	603	1 097	578	6	18	8	-	-	7	22	7
AUTHORS	2	-	2	-	-	-	-	-	-	-	-	-
TECHNICAL WRITERS	74	13	74	13	-	-	-	-	-	-	-	-
DESIGNERS	288	150	280	150	-	-	-	-	-	-	8	-
MUSICIANS AND COMPOSERS	98	62	90	62	-	-	8	-	-	-	-	-
ACTORS AND DIRECTORS	44	13	44	13	-	-	-	-	-	-	-	-
PAINTERS, SCULPTORS, CRAFT-ARTISTS, AND ARTIST PRINTMAKERS	93	111	93	105	-	6	-	-	-	-	-	7
PHOTOGRAPHERS	89	21	89	21	-	-	-	-	-	-	7	-
DANCERS	-	-	-	-	-	-	-	-	-	-	-	-
ARTISTS, PERFORMERS AND RELATED WORKERS, N.E.C.	34	31	34	31	-	-	-	-	-	-	7	-
EDITORS AND REPORTERS	161	107	155	92	6	8	-	-	-	7	-	-
PUBLIC RELATIONS SPECIALISTS	125	56	125	52	-	4	-	-	-	-	-	-
ANNOUNCERS	18	7	18	7	-	-	-	-	-	-	-	-
ATHLETES	93	32	93	32	-	-	-	-	-	-	-	-

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TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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WORCESTER, MA SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	18 224	33 571	17 947	33 049	165	298	-	28	79	122	106	206
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	2 997	2 924	2 898	2 811	30	40	-	13	43	54	32	24
HEALTH TECHNOLOGISTS AND TECHNICIANS	311	1 993	311	1 944	-	34	-	-	-	15	-	11
CLINICAL LABORATORY TECHNOLOGISTS AND TECHNICIANS	99	387	99	364	-	8	-	-	-	15	-	-
DENTAL HYGIENISTS	8	152	8	152	-	-	-	-	-	-	-	-
HEALTH RECORD TECHNOLOGISTS AND TECHNICIANS	8	21	8	21	-	-	-	-	-	-	-	-
RADIOLOGIC TECHNICIANS	27	114	27	114	-	-	-	-	-	-	-	-
LICENSED PRACTICAL NURSES	59	1 035	59	1 024	-	11	-	-	-	-	-	8
HEALTH TECHNOLOGISTS AND TECHNICIANS, N.E.C.	110	284	110	269	-	15	-	-	-	-	-	3
ENGINEERING AND RELATED TECHNOLOGISTS AND TECHNICIANS	1 410	266	1 385	246	8	6	-	-	5	8	24	6
ELECTRICAL AND ELECTRONIC TECHNICIANS	473	112	448	106	8	6	-	-	5	-	24	-
INDUSTRIAL ENGINEERING TECHNICIANS	-	-	-	-	-	-	-	-	-	-	-	-
MECHANICAL ENGINEERING TECHNICIANS	22	-	22	-	-	-	-	-	-	-	-	-
ENGINEERING TECHNICIANS, N.E.C.	364	94	364	88	-	-	-	-	-	-	-	6
DRAFTING OCCUPATIONS	518	45	518	45	-	-	-	-	-	-	-	-
SURVEYING AND MAPPING TECHNICIANS	33	15	33	7	-	-	-	-	-	8	-	-
SCIENCE TECHNICIANS	227	120	206	120	5	-	-	-	8	-	8	-
BIOLOGICAL TECHNICIANS	39	32	39	32	-	-	-	-	-	-	-	-
CHEMICAL TECHNICIANS	87	35	71	35	-	-	-	-	8	-	8	-
SCIENCE TECHNICIANS, N.E.C.	101	53	96	53	5	-	-	-	-	-	-	-
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	1 049	545	996	501	17	-	-	13	30	31	-	7
AIRPLANE PILOTS AND NAVIGATORS	58	-	53	-	5	-	-	-	-	-	-	-
AIR TRAFFIC CONTROLLERS	7	6	7	6	-	-	-	-	-	-	-	-
BROADCAST EQUIPMENT OPERATORS	26	30	26	30	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	392	192	368	177	7	-	-	6	11	9	-	-
TOOL PROGRAMMERS, NUMERICAL CONTROL	58	4	58	4	-	-	-	-	-	-	-	-
LEGAL ASSISTANTS	22	92	22	92	-	-	-	-	-	-	-	-
TECHNICIANS, N.E.C.	486	221	462	192	5	-	-	7	19	22	-	7
SALES OCCUPATIONS	7 918	7 450	7 879	7 364	23	44	-	5	9	28	27	49
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS, SALARIED	1 338	427	1 333	417	5	6	-	-	-	-	3	10
MANUFACTURING	109	12	109	12	-	-	-	-	-	-	-	-
WHOLESALE TRADE	176	-	176	-	-	-	-	-	-	-	-	-
RETAIL TRADE	968	398	963	388	5	6	-	-	-	-	3	10
ALL OTHER INDUSTRIES	85	17	85	17	-	-	-	-	-	-	-	-
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS, SELF-EMPLOYED	496	111	489	105	7	-	-	-	-	6	-	9
MANUFACTURING	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE TRADE	95	4	95	4	-	-	-	-	-	-	-	-
RETAIL TRADE	385	99	378	93	7	-	-	-	-	6	-	9
ALL OTHER INDUSTRIES	16	8	16	8	-	-	-	-	-	-	-	-
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	1 517	880	1 517	865	-	10	-	-	-	5	11	-
INSURANCE SALES OCCUPATIONS	676	332	676	322	-	10	-	-	-	-	-	-
REAL ESTATE SALES OCCUPATIONS	198	261	198	261	-	-	-	-	-	-	-	-
SECURITIES AND FINANCIAL SERVICES SALES OCCUPATIONS	161	19	161	19	-	-	-	-	-	-	-	-
ADVERTISING AND RELATED SALES OCCUPATIONS	134	28	134	28	-	-	-	-	-	-	6	-
SALES OCCUPATIONS, OTHER BUSINESS SERVICES	348	240	348	235	-	-	-	-	-	5	5	-
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	2 157	300	2 146	300	11	-	-	-	-	-	-	-
SALES ENGINEERS	157	-	157	-	-	-	-	-	-	-	-	-
SALES REPRESENTATIVES, MINING, MANUFACTURING, AND WHOLESALE	2 000	300	1 989	300	11	-	-	-	-	-	-	-
WHOLESALE TRADE	1 216	157	1 210	157	6	-	-	-	-	-	-	-
SALES WORKERS, RETAIL AND PERSONAL SERVICES	2 365	5 708	2 349	5 653	-	28	-	5	9	17	13	30
SALES WORKERS, MOTOR VEHICLES AND BOATS	363	59	363	59	-	-	-	-	-	-	-	-
SALES WORKERS, APPAREL	61	597	61	593	-	-	-	-	-	4	6	7
SALES WORKERS, SHOES	49	109	49	109	-	-	-	-	-	-	-	-
SALES WORKERS, FURNITURE AND HOME FURNISHINGS	130	67	130	67	-	-	-	-	-	-	-	-
SALES WORKERS, RADIO, TV, HI-FI, AND APPLIANCES	120	41	120	41	-	-	-	-	-	-	-	-
SALES WORKERS, HARDWARE AND BUILDING SUPPLIES	178	50	178	50	-	-	-	-	-	-	-	-
SALES WORKERS, PARTS	217	18	217	18	-	-	-	-	-	-	-	-
SALES WORKERS, OTHER COMMODITIES	681	2 095	674	2 075	-	9	-	5	-	6	7	10
RETAIL TRADE	609	2 079	602	2 059	-	9	-	5	-	6	7	10
PERSONAL, BUSINESS AND REPAIR SERVICES	-	5	-	5	-	-	-	-	-	-	-	-
ALL OTHER INDUSTRIES	72	11	72	11	-	-	-	-	-	-	-	-
SALES COUNTER CLERKS	47	125	47	125	-	-	-	-	-	-	-	-
CASHIERS	299	2 282	299	2 258	-	12	-	-	-	7	-	13
STREET AND DOOR-TO-DOOR SALES WORKERS	89	175	80	168	-	7	-	-	9	-	-	-
NEWS VENDORS	131	90	131	90	-	-	-	-	-	-	-	-
SALES RELATED OCCUPATIONS	45	24	45	24	-	-	-	-	-	-	-	-
DEMONSTRATORS, PROMOTERS AND MODELS, SALES	9	18	9	18	-	-	-	-	-	-	-	-
AUCTIONEERS	7	-	7	-	-	-	-	-	-	-	-	-
SALES SUPPORT OCCUPATIONS, N.E.C.	29	6	29	6	-	-	-	-	-	-	-	-
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	7 309	23 197	7 170	22 874	112	214	-	10	27	40	47	133
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	1 223	1 029	1 206	1 029	17	-	-	-	-	-	15	6
SUPERVISORS, GENERAL OFFICE	439	690	439	690	-	-	-	-	-	-	5	-
SUPERVISORS, COMPUTER EQUIPMENT OPERATORS	126	21	126	21	-	-	-	-	-	-	-	-
SUPERVISORS, FINANCIAL RECORDS PROCESSING	234	253	234	253	-	-	-	-	-	-	-	6
CHIEF COMMUNICATIONS OPERATORS	86	11	86	11	-	-	-	-	-	-	-	-
SUPERVISORS; DISTRIBUTION, SCHEDULING, AND ADJUSTING CLERKS	338	54	321	54	17	-	-	-	-	-	10	-

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WORCESTER, MA SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
COMPUTER EQUIPMENT OPERATORS	264	544	244	533	7	6	-	-	13	5	-	-
COMPUTER OPERATORS	62	174	49	174	-	-	-	-	13	-	-	-
PERIPHERAL EQUIPMENT OPERATORS	202	370	195	359	7	6	-	-	-	5	-	-
SECRETARIES, STENOGRAPHERS, AND TYPISTS	23	7 586	23	7 487	-	57	-	-	-	11	-	59
SECRETARIES	11	6 241	11	6 163	-	51	-	-	-	5	-	41
STENOGRAPHERS	-	105	-	99	-	6	-	-	-	-	-	-
TYPISTS	12	1 240	12	1 225	-	-	-	-	-	6	-	18
INFORMATION CLERKS	192	1 010	192	1 005	-	-	-	5	-	-	-	-
INTERVIEWERS	71	160	71	160	-	-	-	-	-	-	-	-
HOTEL CLERKS	54	23	54	23	-	-	-	-	-	-	-	-
TRANSPORTATION TICKET AND RESERVATION AGENTS	6	12	6	12	-	-	-	-	-	-	-	-
RECEPTIONISTS	36	718	36	713	-	-	-	5	-	-	-	-
INFORMATION CLERKS, N.E.C.	25	97	25	97	-	-	-	-	-	-	-	-
RECORDS PROCESSING OCCUPATIONS, EXCEPT FINANCIAL	367	1 360	360	1 296	-	44	-	-	7	7	-	13
CLASSIFIED-AD CLERKS	7	11	7	11	-	-	-	-	-	-	-	-
CORRESPONDENCE CLERKS	5	73	5	73	-	-	-	-	-	-	-	-
ORDER CLERKS	160	378	160	353	-	25	-	-	-	-	-	-
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	14	190	14	177	-	-	-	-	-	7	-	6
LIBRARY CLERKS	84	235	77	225	-	10	-	-	7	-	-	-
FILE CLERKS	63	288	63	272	-	9	-	-	-	-	-	7
RECORDS CLERKS	34	185	34	185	-	-	-	-	-	-	-	-
FINANCIAL RECORDS PROCESSING OCCUPATIONS	334	3 610	334	3 578	-	25	-	5	-	2	-	-
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	160	2 680	160	2 659	-	16	-	5	-	-	-	-
PAYROLL AND TIMEKEEPING CLERKS	81	348	81	348	-	-	-	-	-	-	-	-
BILLING CLERKS	27	314	27	314	-	-	-	-	-	-	-	-
COST AND RATE CLERKS	53	194	53	185	-	9	-	-	-	-	-	-
BILLING, POSTING, AND CALCULATING MACHINE OPERATORS	13	74	13	72	-	-	-	-	-	2	-	-
DUPLICATING, MAIL, AND OTHER OFFICE MACHINE OPERATORS	22	33	18	33	-	-	-	-	4	-	-	-
DUPLICATING MACHINE OPERATORS	16	6	12	6	-	-	-	-	4	-	-	-
MAIL PREPARING AND PAPER HANDLING MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
OFFICE MACHINE OPERATORS, N.E.C.	6	27	6	27	-	-	-	-	-	-	-	-
COMMUNICATIONS EQUIPMENT OPERATORS	27	547	18	547	9	-	-	-	-	-	-	-
TELEPHONE OPERATORS	27	512	18	512	9	-	-	-	-	-	-	-
TELEGRAPHERS	-	-	-	-	-	-	-	-	-	-	-	-
COMMUNICATIONS EQUIPMENT OPERATORS, N.E.C.	-	35	-	35	-	-	-	-	-	-	-	-
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	1 083	258	1 069	251	14	7	-	-	-	-	6	-
POSTAL CLERKS, EXCEPT MAIL CARRIERS	365	90	365	83	-	7	-	-	-	-	6	-
MAIL CARRIERS, POSTAL SERVICE	427	9	427	9	-	-	-	-	-	-	-	-
MAIL CLERKS, EXCEPT POSTAL SERVICE	153	127	145	127	8	-	-	-	-	-	-	-
MESSENGERS	138	32	132	32	6	-	-	-	-	-	-	-
MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING CLERKS	2 585	1 263	2 535	1 245	50	9	-	-	-	7	10	12
DISPATCHERS	105	109	105	107	-	-	-	-	-	-	-	-
PRODUCTION COORDINATORS	321	315	321	315	-	-	-	-	-	-	-	5
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	1 119	227	1 081	227	38	-	-	-	-	-	10	-
STOCK AND INVENTORY CLERKS	693	384	686	368	7	9	-	-	-	7	-	-
METER READERS	68	-	63	-	5	-	-	-	-	-	-	-
WEIGHERS, MEASURERS, AND CHECKERS	92	29	92	29	-	-	-	-	-	-	-	-
SAMPLERS	-	-	-	-	-	-	-	-	-	-	-	-
EXPEDITERS	182	163	182	163	-	-	-	-	-	-	-	-
MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING CLERKS, N.E.C.	5	36	5	36	-	-	-	-	-	-	-	7
ADJUSTERS AND INVESTIGATORS	452	430	443	417	6	5	-	-	3	8	3	-
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	137	124	134	119	-	5	-	-	3	-	3	-
INVESTIGATORS AND ADJUSTERS, EXCEPT INSURANCE	244	166	238	166	6	-	-	-	-	-	-	-
ELIGIBILITY CLERKS, SOCIAL WELFARE	-	-	-	-	-	-	-	-	-	-	-	-
BILL AND ACCOUNT COLLECTORS	71	140	71	132	-	-	-	-	-	8	-	-
MISCELLANEOUS ADMINISTRATIVE SUPPORT OCCUPATIONS	737	5 527	728	5 453	9	61	-	-	-	-	13	43
GENERAL OFFICE CLERKS	405	3 312	396	3 292	9	20	-	-	-	-	-	7
BANK TELLERS	85	768	85	758	-	10	-	-	-	-	-	5
PROOFREADERS	11	42	11	42	-	-	-	-	-	-	-	-
DATA-ENTRY KEYERS	30	629	30	624	-	5	-	-	-	-	-	8
STATISTICAL CLERKS	51	176	51	170	-	6	-	-	-	-	-	-
TEACHERS' AIDES	6	154	6	132	-	9	-	-	-	-	-	23
ADMINISTRATIVE SUPPORT OCCUPATIONS, N.E.C.	149	446	149	435	-	11	-	-	-	-	13	-
SERVICE OCCUPATIONS	9 707	13 197	9 421	12 785	213	255	13	24	21	67	148	180
PRIVATE HOUSEHOLD OCCUPATIONS	15	538	15	523	-	15	-	-	-	-	-	-
OCCUPATION:												
LAUNDERERS AND IRONERS	-	-	-	-	-	-	-	-	-	-	-	-
COOKS, PRIVATE HOUSEHOLD	-	12	-	12	-	-	-	-	-	-	-	-
HOUSEKEEPERS AND BUTLERS	10	150	10	144	-	6	-	-	-	-	-	-
CHILD CARE WORKERS, PRIVATE HOUSEHOLD	-	185	-	185	-	-	-	-	-	-	-	-
PRIVATE HOUSEHOLD CLEANERS AND SERVANTS	5	191	5	182	-	9	-	-	-	-	-	-
LIVING ARRANGEMENT:												
LIVING IN	-	47	-	38	-	9	-	-	-	-	-	-
LIVING OUT	15	491	15	485	-	6	-	-	-	-	-	-

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

WORCESTER, MA SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
PROTECTIVE SERVICE OCCUPATIONS	2 533	397	2 465	397	49	-	7	-	-	-	28	7
SUPERVISORS, PROTECTIVE SERVICE OCCUPATIONS	179	5	179	5	-	-	-	-	-	-	-	-
SUPERVISORS, FIREFIGHTING AND FIRE PREVENTION OCCUPATIONS	56	-	56	-	-	-	-	-	-	-	-	-
SUPERVISORS, POLICE AND DETECTIVES	86	5	86	5	-	-	-	-	-	-	-	-
SUPERVISORS, GUARDS	37	-	37	-	-	-	-	-	-	-	-	-
FIREFIGHTING AND FIRE PREVENTION OCCUPATIONS	662	7	647	7	15	-	-	-	-	-	-	-
FIRE INSPECTION AND FIRE PREVENTION OCCUPATIONS	19	-	19	-	-	-	-	-	-	-	-	-
FIREFIGHTING OCCUPATIONS	643	7	628	7	15	-	-	-	-	-	-	-
POLICE AND DETECTIVES	797	58	776	58	14	-	7	-	-	-	10	7
POLICE AND DETECTIVES, PUBLIC SERVICE	652	28	631	28	14	-	7	-	-	-	10	7
SHERIFFS, BAILIFFS, AND OTHER ENFORCEMENT OFFICERS	36	5	36	5	-	-	-	-	-	-	-	-
CORRECTIONAL INSTITUTION OFFICERS	109	25	109	25	-	-	-	-	-	-	-	-
GUARDS	895	327	863	327	20	-	-	-	-	-	18	-
CROSSING GUARDS	19	144	19	144	-	-	-	-	-	-	-	-
GUARDS AND POLICE, EXCEPT PUBLIC SERVICE	848	152	816	152	20	-	-	-	-	-	18	-
PROTECTIVE SERVICE OCCUPATIONS, N.E.C.	28	31	28	31	-	-	-	-	-	-	-	-
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	7 159	12 262	6 941	11 865	164	240	6	24	21	67	120	173
FOOD PREPARATION AND SERVICE OCCUPATIONS	2 455	5 377	2 376	5 237	64	58	-	12	15	39	39	83
SUPERVISORS, FOOD PREPARATION AND SERVICE OCCUPATIONS	192	262	192	246	-	5	-	-	-	11	-	-
BARTENDERS	313	147	313	147	-	-	-	-	-	-	-	-
WAITERS AND WAITRESSES	124	2 418	124	2 365	-	6	-	-	-	16	-	63
COOKS, EXCEPT SHORT ORDER	754	738	731	719	12	12	-	-	11	7	13	-
SHORT-ORDER COOKS	65	78	65	78	-	-	-	-	-	-	4	-
FOOD COUNTER, FOUNTAIN AND RELATED OCCUPATIONS	99	282	97	277	2	-	-	-	-	5	-	-
KITCHEN WORKERS, FOOD PREPARATION	16	184	16	184	-	-	-	-	-	-	-	-
WAITERS' AND WAITRESSES' ASSISTANTS	207	159	207	153	-	6	-	-	-	-	7	-
MISCELLANEOUS FOOD PREPARATION OCCUPATIONS	685	1 109	631	1 068	50	29	-	12	4	-	15	20
HEALTH SERVICE OCCUPATIONS	348	3 576	338	3 452	-	84	-	12	6	14	4	51
DENTAL ASSISTANTS	-	259	-	259	-	-	-	-	-	-	-	-
HEALTH AIDES, EXCEPT NURSING	70	522	70	507	-	15	-	-	-	-	-	-
NURSING AIDES, ORDERLIES, AND ATTENDANTS	278	2 795	268	2 686	-	69	-	12	6	14	4	51
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	3 825	1 109	3 730	1 044	66	46	6	-	-	7	65	19
SUPERVISORS, CLEANING AND BUILDING SERVICE WORKERS	174	27	163	27	11	-	-	-	-	-	6	-
MAIDS AND HOUSEMEN	460	799	452	769	-	23	-	-	-	7	22	7
JANITORS AND CLEANERS	3 134	283	3 058	248	55	23	6	-	-	-	37	12
ELEVATOR OPERATORS	25	-	25	-	-	-	-	-	-	-	-	-
PEST CONTROL OCCUPATIONS	32	-	32	-	-	-	-	-	-	-	-	-
PERSONAL SERVICE OCCUPATIONS	531	2 200	497	2 132	34	52	-	-	-	7	12	20
SUPERVISORS, PERSONAL SERVICE OCCUPATIONS	28	15	28	15	-	-	-	-	-	-	-	-
BARBERS	135	7	115	7	20	-	-	-	-	-	-	-
HAIRDRESSERS AND COSMETOLOGISTS	134	764	134	753	-	11	-	-	-	-	-	5
ATTENDANTS, AMUSEMENT AND RECREATION FACILITIES	30	16	25	16	5	-	-	-	-	-	-	-
GUIDES	26	21	26	13	-	8	-	-	-	-	-	-
USHERS	44	-	44	-	-	-	-	-	-	-	6	-
PUBLIC TRANSPORTATION ATTENDANTS	-	18	-	18	-	-	-	-	-	-	-	-
BAGGAGE PORTERS AND BELLHOPS	3	-	3	-	-	-	-	-	-	-	-	-
WELFARE SERVICE AIDES	27	249	18	249	9	-	-	-	-	-	6	6
CHILD CARE WORKERS, EXCEPT PRIVATE HOUSEHOLD	46	740	46	698	-	26	-	-	-	7	-	9
PERSONAL SERVICE OCCUPATIONS, N.E.C.	58	370	58	363	-	7	-	-	-	-	-	-
FARMING, FORESTRY, AND FISHING OCCUPATIONS	1 304	326	1 287	326	8	-	2	-	7	-	-	-
FARM OPERATORS AND MANAGERS	263	64	256	64	-	-	-	-	7	-	-	-
FARMERS, EXCEPT HORTICULTURAL	195	42	188	42	-	-	-	-	7	-	-	-
AGRICULTURAL PRODUCTION, CROPS	62	14	62	14	-	-	-	-	-	-	-	-
HORTICULTURAL SPECIALTY FARMERS	11	-	11	-	-	-	-	-	-	-	-	-
MANAGERS, FARMS, EXCEPT HORTICULTURAL	46	15	46	15	-	-	-	-	-	-	-	-
MANAGERS, HORTICULTURAL SPECIALTY FARMS	11	7	11	7	-	-	-	-	-	-	-	-
FARM OCCUPATIONS, EXCEPT MANAGERIAL	339	164	337	164	-	-	2	-	-	-	-	-
SUPERVISORS, FARM WORKERS	36	57	36	57	-	-	-	-	-	-	-	-
FARM WORKERS	207	74	207	74	-	-	-	-	-	-	-	-
AGRICULTURAL PRODUCTION, CROPS	100	26	100	26	-	-	-	-	-	-	-	-
MARINE LIFE CULTIVATION WORKERS	-	-	-	-	-	-	-	-	-	-	-	-
NURSERY WORKERS	96	33	94	33	-	-	2	-	-	-	-	-
RELATED AGRICULTURAL OCCUPATIONS	637	91	629	91	8	-	-	-	-	-	-	-
SUPERVISORS, RELATED AGRICULTURAL OCCUPATIONS	34	5	34	5	-	-	-	-	-	-	-	-
GROUNDSKEEPERS AND GARDENERS, EXCEPT FARM	536	14	528	14	8	-	-	-	-	-	-	-
ANIMAL CARETAKERS, EXCEPT FARM	42	66	42	66	-	-	-	-	-	-	-	-
GRADERS AND SORTERS, AGRICULTURAL PRODUCTS	25	6	25	6	-	-	-	-	-	-	-	-
INSPECTORS, AGRICULTURAL PRODUCTS	-	-	-	-	-	-	-	-	-	-	-	-
FORESTRY AND LOGGING OCCUPATIONS	44	7	44	7	-	-	-	-	-	-	-	-
SUPERVISORS, FORESTRY AND LOGGING WORKERS	-	-	-	-	-	-	-	-	-	-	-	-
FORESTRY WORKERS, EXCEPT LOGGING	-	7	-	7	-	-	-	-	-	-	-	-
TIMBER CUTTING AND LOGGING OCCUPATIONS	44	-	44	-	-	-	-	-	-	-	-	-
FISHERS, HUNTERS, AND TRAPPERS	21	-	21	-	-	-	-	-	-	-	-	-
CAPTAINS AND OTHER OFFICERS, FISHING VESSELS	-	-	-	-	-	-	-	-	-	-	-	-
FISHERS	16	-	16	-	-	-	-	-	-	-	-	-
HUNTERS AND TRAPPERS	5	-	5	-	-	-	-	-	-	-	-	-

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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WORCESTER, MA SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	18 307	1 647	18 034	1 579	86	24	22	-	42	25	158	31
MECHANICS AND REPAIRERS	5 521	173	5 464	164	25	9	-	-	8	-	45	-
SUPERVISORS, MECHANICS AND REPAIRERS	239	12	239	12	-	-	-	-	-	-	-	-
MECHANICS AND REPAIRERS, EXCEPT SUPERVISORS	5 282	161	5 225	152	25	9	-	-	8	-	45	-
VEHICLE AND MOBILE EQUIPMENT MECHANICS AND REPAIRERS	2 057	5	2 026	5	7	-	-	-	6	-	24	-
AUTOMOBILE MECHANICS	1 315	-	1 303	-	-	-	-	-	6	-	12	-
BUS, TRUCK, AND STATIONARY ENGINE MECHANICS	223	-	204	-	7	-	-	-	-	-	12	-
AIRCRAFT MECHANICS	32	5	32	5	-	-	-	-	-	-	-	-
SMALL ENGINE REPAIRERS	14	-	14	-	-	-	-	-	-	-	-	-
AUTOMOBILE BODY AND RELATED REPAIRERS	340	-	340	-	-	-	-	-	-	-	-	-
HEAVY EQUIPMENT MECHANICS	103	-	103	-	-	-	-	-	-	-	-	-
FARM EQUIPMENT MECHANICS	30	-	30	-	-	-	-	-	-	-	-	-
INDUSTRIAL MACHINERY REPAIRERS	895	29	883	29	6	-	-	-	-	-	13	-
MACHINERY MAINTENANCE OCCUPATIONS	65	-	57	-	8	-	-	-	-	-	-	-
ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS	813	68	813	62	-	6	-	-	-	-	-	-
ELECTRONIC REPAIRERS, COMMUNICATIONS AND INDUSTRIAL EQUIPMENT	160	12	160	12	-	-	-	-	-	-	-	-
DATA PROCESSING EQUIPMENT REPAIRERS	105	22	105	22	-	-	-	-	-	-	-	-
HOUSEHOLD APPLIANCE AND POWER TOOL REPAIRERS	101	6	101	6	-	-	-	-	-	-	-	-
TELEPHONE LINE INSTALLERS AND REPAIRERS	111	-	111	-	-	-	-	-	-	-	-	-
TELEPHONE INSTALLERS AND REPAIRERS	312	22	312	16	-	6	-	-	-	-	-	-
MISCELLANEOUS ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS	24	6	24	6	-	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	193	5	193	5	-	-	-	-	-	-	-	-
MISCELLANEOUS MECHANICS AND REPAIRERS	1 259	54	1 253	51	4	3	-	-	2	-	8	-
CAMERA, WATCH, AND MUSICAL INSTRUMENT REPAIRERS	68	14	68	14	-	-	-	-	-	-	-	-
LOCKSMITHS AND SAFE REPAIRERS	29	-	29	-	-	-	-	-	-	-	-	-
OFFICE MACHINE REPAIRERS	45	13	41	13	4	-	-	-	-	-	-	-
MECHANICAL CONTROLS AND VALVE REPAIRERS	34	-	34	-	-	-	-	-	-	-	-	-
ELEVATOR INSTALLERS AND REPAIRERS	46	-	46	-	-	-	-	-	-	-	-	-
MILLWRIGHTS	345	-	345	-	-	-	-	-	-	-	8	-
SPECIFIED MECHANICS AND REPAIRERS, N.E.C.	441	21	441	18	-	3	-	-	-	-	-	-
NOT SPECIFIED MECHANICS AND REPAIRERS	251	6	249	6	-	-	-	-	2	-	-	-
CONSTRUCTION TRADES	4 615	50	4 548	50	16	-	9	-	8	-	43	-
SUPERVISORS; CONSTRUCTION OCCUPATIONS	754	6	746	6	6	-	2	-	-	-	-	-
SUPERVISORS; BRICKMASONS, STONEMASONS, AND TILE SETTERS	12	-	12	-	-	-	-	-	-	-	-	-
SUPERVISORS; CARPENTERS AND RELATED WORKERS	36	-	36	-	-	-	-	-	-	-	-	-
SUPERVISORS; ELECTRICIANS AND POWER TRANSMISSION INSTALLERS	59	-	59	-	-	-	-	-	-	-	-	-
SUPERVISORS; PAINTERS, PAPERHANGERS, AND PLASTERERS	13	-	13	-	-	-	-	-	-	-	-	-
SUPERVISORS; PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	11	-	11	-	-	-	-	-	-	-	-	-
SUPERVISORS; N.E.C.	623	6	615	6	6	-	2	-	-	-	-	-
CONSTRUCTION TRADES, EXCEPT SUPERVISORS	3 861	44	3 802	44	10	-	7	-	8	-	43	-
BRICKMASONS AND STONEMASONS	101	-	101	-	-	-	-	-	-	-	-	-
TILE SETTERS, HARD AND SOFT	53	-	53	-	-	-	-	-	-	-	-	-
CARPET INSTALLERS	90	-	90	-	-	-	-	-	-	-	-	-
CARPENTERS	1 336	30	1 304	30	4	-	2	-	-	-	25	-
DRYWALL INSTALLERS	6	8	6	8	-	-	-	-	-	-	-	-
ELECTRICIANS	645	-	631	-	6	-	-	-	8	-	5	-
ELECTRICAL POWER INSTALLERS AND REPAIRERS	158	-	158	-	-	-	-	-	-	-	-	-
PAINTERS, CONSTRUCTION AND MAINTENANCE	357	6	357	6	-	-	-	-	-	-	-	-
PAPERHANGERS	12	-	12	-	-	-	-	-	-	-	-	-
PLASTERERS	69	-	69	-	-	-	-	-	-	-	-	-
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	560	-	560	-	-	-	-	-	-	-	5	-
CONCRETE AND TERRAZZO FINISHERS	15	-	15	-	-	-	-	-	-	-	-	-
GLAZIERS	42	-	42	-	-	-	-	-	-	-	-	-
INSULATION WORKERS	69	-	69	-	-	-	-	-	-	-	-	-
PAVING, SURFACING, AND TAMPING EQUIPMENT OPERATORS	7	-	7	-	-	-	-	-	-	-	-	-
ROOFERS	144	-	131	-	-	-	5	-	-	-	8	-
SHEETMETAL DUCT INSTALLERS	14	-	14	-	-	-	-	-	-	-	-	-
STRUCTURAL METAL WORKERS	55	-	55	-	-	-	-	-	-	-	-	-
DRILLERS, EARTH	33	-	33	-	-	-	-	-	-	-	-	-
CONSTRUCTION TRADES, N.E.C.	95	-	95	-	-	-	-	-	-	-	-	-
EXTRACTIVE OCCUPATIONS	28	6	28	6	-	-	-	-	-	-	-	-
SUPERVISORS, EXTRACTIVE OCCUPATIONS	6	-	6	-	-	-	-	-	-	-	-	-
DRILLERS, OIL WELL	-	-	-	-	-	-	-	-	-	-	-	-
EXPLOSIVES WORKERS	-	-	-	-	-	-	-	-	-	-	-	-
MINING MACHINE OPERATORS	8	6	8	6	-	-	-	-	-	-	-	-
MINING OCCUPATIONS, N.E.C.	14	-	14	-	-	-	-	-	-	-	-	-

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TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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WORCESTER, MA SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
PRECISION PRODUCTION OCCUPATIONS	8 143	1 418	7 994	1 359	45	15	13	-	26	25	70	31
SUPERVISORS, PRODUCTION OCCUPATIONS	3 413	580	3 380	559	7	4	-	-	6	11	26	6
NONDURABLE GOODS MANUFACTURING	811	181	787	181	-	-	-	-	6	-	6	-
DURABLE GOODS MANUFACTURING	1 975	225	1 966	211	7	4	-	-	-	4	20	6
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	158	-	158	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	363	113	363	113	-	-	-	-	-	-	-	-
ALL OTHER INDUSTRIES	106	61	106	54	-	-	-	-	-	7	-	-
PRECISION METALWORKING OCCUPATIONS	2 871	139	2 775	115	38	11	-	-	13	-	43	13
TOOL AND DIE MAKERS	510	3	510	3	-	-	-	-	-	-	-	-
PRECISION ASSEMBLERS, METAL	25	12	25	12	-	-	-	-	-	-	-	-
MACHINISTS	1 948	88	1 858	64	38	11	-	-	13	-	43	13
BOILERMAKERS	5	-	5	-	-	-	-	-	-	-	-	-
PRECISION GRINDERS, FILERS, AND TOOL SHARPENERS	52	4	52	4	-	-	-	-	-	-	-	-
PATTERNMAKERS AND MODEL MAKERS, METAL	19	-	19	-	-	-	-	-	-	-	-	-
LAY-OUT WORKERS	15	-	15	-	-	-	-	-	-	-	-	-
PRECIOUS STONES AND METALS WORKERS (JEWELERS)	15	26	15	26	-	-	-	-	-	-	-	-
ENGRAVERS, METAL	27	-	27	-	-	-	-	-	-	-	-	-
SHEET METAL WORKERS	239	-	233	-	-	-	-	-	-	-	-	-
MISCELLANEOUS PRECISION METAL WORKERS	16	6	16	6	-	-	-	-	-	-	-	-
PRECISION WOODWORKING OCCUPATIONS	194	2	194	2	-	-	-	-	-	-	-	-
PATTERNMAKERS AND MODEL MAKERS, WOOD	27	-	27	-	-	-	-	-	-	-	-	-
CABINET MAKERS AND BENCH CARPENTERS	115	2	115	2	-	-	-	-	-	-	-	-
FURNITURE AND WOOD FINISHERS	39	-	39	-	-	-	-	-	-	-	-	-
MISCELLANEOUS PRECISION WOODWORKERS	13	-	13	-	-	-	-	-	-	-	-	-
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	262	202	247	188	-	-	8	-	7	14	-	-
DRESSMAKERS	-	85	-	71	-	-	-	-	-	14	-	-
TAILORS	68	16	68	16	-	-	-	-	-	-	-	-
UPHOLSTERERS	62	27	54	27	-	-	8	-	-	-	-	-
SHOE REPAIRERS	78	24	71	24	-	-	-	-	7	-	-	-
APPAREL AND FABRIC PATTERNMAKERS	54	30	54	30	-	-	-	-	-	-	-	-
MISCELLANEOUS PRECISION APPAREL AND FABRIC WORKERS	-	20	-	20	-	-	-	-	-	-	-	-
PRECISION WORKERS, ASSORTED MATERIALS	350	184	345	184	-	-	5	-	-	-	-	-
HAND MOLDERS AND SHAPERS, EXCEPT JEWELERS	57	-	52	-	-	-	5	-	-	-	-	-
PATTERNMAKERS, LAY-OUT WORKERS, AND CUTTERS	6	-	6	-	-	-	-	-	-	-	-	-
OPTICAL GOODS WORKERS	104	81	104	81	-	-	-	-	-	-	-	-
DENTAL LABORATORY AND MEDICAL APPLIANCE TECHNICIANS	45	13	45	13	-	-	-	-	-	-	-	-
BOOKBINDERS	13	46	13	46	-	-	-	-	-	-	-	-
ELECTRICAL AND ELECTRONIC EQUIPMENT ASSEMBLERS	4	42	4	42	-	-	-	-	-	-	-	-
MISCELLANEOUS PRECISION WORKERS, N.E.C.	121	2	121	2	-	-	-	-	-	-	-	-
PRECISION FOOD PRODUCTION OCCUPATIONS	628	125	628	125	-	-	-	-	-	-	-	6
BUTCHERS AND MEAT CUTTERS	340	13	340	13	-	-	-	-	-	-	-	-
BAKERS	288	88	288	88	-	-	-	-	-	-	-	6
FOOD BATCHMAKERS	-	24	-	24	-	-	-	-	-	-	-	-
PRECISION INSPECTORS, TESTERS, AND RELATED WORKERS	113	156	113	156	-	-	-	-	-	-	1	6
INSPECTORS, TESTERS, AND GRADERS	113	85	113	85	-	-	-	-	-	-	1	-
ADJUSTERS AND CALIBRATORS	-	71	-	71	-	-	-	-	-	-	-	6
PLANT AND SYSTEM OPERATORS	312	30	312	30	-	-	-	-	-	-	-	-
WATER AND SEWAGE TREATMENT PLANT OPERATORS	46	12	46	12	-	-	-	-	-	-	-	-
POWER PLANT OPERATORS	50	6	50	6	-	-	-	-	-	-	-	-
STATIONARY ENGINEERS	207	5	207	5	-	-	-	-	-	-	-	-
MISCELLANEOUS PLANT AND SYSTEM OPERATORS	9	7	9	7	-	-	-	-	-	-	-	-
OPERATORS, FABRICATORS, AND LABORERS	23 769	9 773	23 162	9 299	295	215	57	43	15	94	557	254
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	13 246	7 848	12 748	7 396	231	215	46	43	15	86	422	233
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	10 047	5 327	9 635	4 975	188	176	30	30	15	58	361	147
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	2 192	362	2 149	336	30	-	6	8	2	8	27	10
LATHE AND TURNING MACHINE SET-UP OPERATORS	279	17	264	17	9	-	6	-	-	-	15	-
LATHE AND TURNING MACHINE OPERATORS	420	37	418	37	-	-	-	-	2	-	-	-
MILLING AND PLANING MACHINE OPERATORS	33	11	33	11	-	-	-	-	-	-	-	-
PUNCHING AND STAMPING PRESS MACHINE OPERATORS	183	118	178	113	-	-	-	-	-	-	5	5
ROLLING MACHINE OPERATORS	9	11	9	6	-	-	-	-	-	-	-	5
DRILLING AND BORING MACHINE OPERATORS	144	28	144	20	-	-	-	8	-	-	-	-
GRINDING, ABRADING, BUFFING, AND POLISHING MACHINE OPERATORS	924	118	903	118	21	-	-	-	-	-	7	-
FORGING MACHINE OPERATORS	115	-	115	-	-	-	-	-	-	-	-	-
NUMERICAL CONTROL MACHINE OPERATORS	20	-	20	-	-	-	-	-	-	-	-	-
MISCELLANEOUS METAL, PLASTIC, STONE, AND GLASS WORKING MACHINE OPERATORS	65	22	65	14	-	-	-	-	-	8	-	-

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

WORCESTER, MA SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
FABRICATING MACHINE OPERATORS, N.E.C.	83	31	71	31	-	-	-	-	-	-	12	-
METAL AND PLASTIC PROCESSING MACHINE OPERATORS.	1 021	200	998	185	10	7	-	-	-	-	38	14
MOLDING AND CASTING MACHINE OPERATORS	714	188	696	173	5	7	-	-	-	-	25	14
METAL PLATING MACHINE OPERATORS.	99	4	94	4	5	-	-	-	-	-	13	-
HEAT TREATING EQUIPMENT OPERATORS.	192	-	192	-	-	-	-	-	-	-	-	-
MISCELLANEOUS METAL AND PLASTIC PROCESSING MACHINE OPERATORS.	16	8	16	8	-	-	-	-	-	-	-	-
WOODWORKING MACHINE OPERATORS	152	13	147	13	-	-	-	-	-	-	10	-
WOOD LATHE, ROUTING, AND PLANING MACHINE OPERATORS	15	-	15	-	-	-	-	-	-	-	-	-
SAWING MACHINE OPERATORS	69	13	64	13	-	-	-	-	-	-	5	-
SHAPING AND JOINING MACHINE OPERATORS	26	-	26	-	-	-	-	-	-	-	5	-
NAILING AND TACKING MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
MISCELLANEOUS WOODWORKING MACHINE OPERATORS	42	-	42	-	-	-	-	-	-	-	-	-
PRINTING MACHINE OPERATORS.	660	213	636	207	18	-	6	-	-	6	-	6
PRINTING MACHINE OPERATORS	500	128	476	128	18	-	6	-	-	-	-	-
PHOTOENGRAVERS AND LITHOGRAPHERS	26	11	26	11	-	-	-	-	-	-	-	-
TYPESETTERS AND COMPOSITORS.	92	49	92	43	-	-	-	-	-	6	-	-
MISCELLANEOUS PRINTING MACHINE OPERATORS	42	25	42	25	-	-	-	-	-	-	-	6
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS.	882	2 353	808	2 242	24	38	7	8	6	24	79	54
WINDING AND TWISTING MACHINE OPERATORS	49	440	49	440	-	-	-	-	-	-	6	-
KNITTING, LOOPING, TAPING, AND WEAVING MACHINE OPERATORS	60	96	54	96	-	-	-	-	6	-	-	-
TEXTILE CUTTING MACHINE OPERATORS.	18	11	18	11	-	-	-	-	-	-	-	-
TEXTILE SEWING MACHINE OPERATORS	40	901	40	825	-	23	-	8	-	17	-	28
SHOE MACHINE OPERATORS	210	430	179	423	-	-	7	-	-	7	39	13
PRESSING MACHINE OPERATORS	6	62	6	51	-	11	-	-	-	-	-	-
LAUNDERING AND DRY CLEANING MACHINE OPERATORS	217	247	193	230	11	4	-	-	-	-	24	13
MISCELLANEOUS TEXTILE MACHINE OPERATORS	282	166	269	166	13	-	-	-	-	-	10	-
MACHINE OPERATORS, ASSORTED MATERIALS.	5 057	2 155	4 826	1 961	106	131	11	14	7	20	195	63
CEMENTING AND GLUING MACHINE OPERATORS	23	55	23	55	-	-	-	-	-	-	-	-
PACKAGING AND FILLING MACHINE OPERATORS	60	73	60	73	-	-	-	-	-	-	7	-
EXTRUDING AND FORMING MACHINE OPERATORS	150	4	140	4	10	-	-	-	-	-	-	-
MIXING AND BLENDING MACHINE OPERATORS	234	17	226	17	-	-	-	-	-	-	8	-
SEPARATING, FILTERING, AND CLARIFYING MACHINE OPERATORS.	43	4	43	4	-	-	-	-	-	-	-	-
COMPRESSING AND COMPACTING MACHINE OPERATORS	60	26	60	18	-	8	-	-	-	-	-	-
PAINTING AND PAINT SPRAYING MACHINE OPERATORS	306	37	298	37	-	-	-	-	-	-	8	-
ROASTING AND BAKING MACHINE OPERATORS, FOOD	19	-	19	-	-	-	-	-	-	-	-	-
WASHING, CLEANING, AND PICKLING MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
FOLDING MACHINE OPERATORS.	75	80	75	80	-	-	-	-	-	-	-	-
FURNACE, KILN, AND OVEN OPERATORS, EXCEPT FOOD.	367	18	367	18	-	-	-	-	-	-	-	-
CRUSHING AND GRINDING MACHINE OPERATORS	45	18	40	10	-	-	5	8	-	-	-	-
SLICING AND CUTTING MACHINE OPERATORS	283	129	283	129	-	-	-	-	-	-	5	-
MOTION PICTURE PROJECTIONISTS.	16	-	16	-	-	-	-	-	-	-	-	-
PHOTOGRAPHIC PROCESS MACHINE OPERATORS	80	107	80	107	-	-	-	-	-	-	-	-
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	3 296	1 587	3 096	1 409	96	123	6	6	7	20	167	63
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	903	458	873	452	16	-	6	-	-	6	18	14
MACHINE OPERATORS, NOT SPECIFIED	2 393	1 129	2 223	957	80	123	-	6	7	14	149	49
INDUSTRY:												
MANUFACTURING.	3 083	1 433	2 913	1 255	75	123	6	6	7	20	158	62
NONDURABLE GOODS.	793	619	745	541	16	56	-	-	7	14	52	22
FOOD AND KINDRED PRODUCTS.	54	-	54	-	-	-	-	-	-	-	-	-
TOBACCO MANUFACTURES	-	-	-	-	-	-	-	-	-	-	-	-
TEXTILE MILL PRODUCTS.	162	59	162	59	-	-	-	-	-	-	8	6
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS.	5	37	5	37	-	-	-	-	-	-	-	-
PAPER AND ALLIED PRODUCTS.	134	115	110	100	11	-	-	-	7	7	14	8
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	14	11	14	11	-	-	-	-	-	-	-	-
CHEMICALS AND ALLIED PRODUCTS.	120	207	96	169	5	31	-	-	-	7	23	-
PETROLEUM AND COAL PRODUCTS.	-	-	-	-	-	-	-	-	-	-	-	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS	276	121	276	113	-	8	-	-	-	-	7	8
LEATHER AND LEATHER PRODUCTS	28	69	28	52	-	17	-	-	-	-	-	-
DURABLE GOODS	2 266	798	2 150	704	59	61	6	6	-	6	100	40
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE.	11	-	11	-	-	-	-	-	-	-	-	-
FURNITURE AND FIXTURES	18	11	18	7	-	-	-	-	-	-	-	4
STONE, CLAY, GLASS, AND CONCRETE PRODUCTS	320	75	299	68	13	7	-	-	-	-	8	-
PRIMARY METAL INDUSTRIES	358	106	329	95	11	5	-	-	-	-	53	19
BLAST FURNACES, STEELWORKS, ROLLING AND FINISHING MILLS.	107	31	103	31	4	-	-	-	-	-	13	8

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

WORCESTER, MA SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS-CON. INDUSTRY-CON.												
FABRICATED METAL INDUSTRIES	658	169	631	156	12	7	-	-	-	-	15	6
MACHINERY, EXCEPT ELECTRICAL	667	152	645	136	6	5	6	-	-	6	10	5
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	30	154	30	120	-	28	-	6	-	-	-	6
TRANSPORTATION EQUIPMENT	39	15	27	6	12	9	-	-	-	-	-	-
MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT	32	15	20	6	12	9	-	-	-	-	-	-
OTHER TRANSPORTATION EQUIPMENT	7	-	7	-	-	-	-	-	-	-	-	-
PROFESSIONAL AND PHOTOGRAPHIC EQUIPMENT, AND WATCHES	70	56	70	56	-	-	-	-	-	-	-	-
MISCELLANEOUS MANUFACTURING INDUSTRIES	95	60	90	60	5	-	-	-	-	-	14	-
NOT SPECIFIED MANUFACTURING INDUSTRIES	24	16	18	10	-	6	-	-	-	-	6	-
NONMANUFACTURING INDUSTRIES	213	154	183	154	21	-	-	-	-	-	9	1
CONSTRUCTION	19	-	19	-	-	-	-	-	-	-	-	-
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	48	6	48	6	-	-	-	-	-	-	-	-
WHOLESALE TRADE	35	59	35	59	-	-	-	-	-	-	-	-
RETAIL TRADE	28	27	28	27	-	-	-	-	-	-	-	1
BUSINESS AND REPAIR SERVICES	43	7	22	7	12	-	-	-	-	-	9	-
PUBLIC ADMINISTRATION	13	-	13	-	-	-	-	-	-	-	-	-
ALL OTHER INDUSTRIES	27	55	18	55	9	-	-	-	-	-	-	-
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	2 066	1 424	1 988	1 381	35	12	16	-	-	11	61	73
WELDERS AND CUTTERS	629	43	599	43	15	-	10	-	-	-	5	6
SOLDERERS AND BRAZERS	11	59	11	59	-	-	-	-	-	-	-	-
ASSEMBLERS	1 347	1 276	1 303	1 233	16	12	6	-	-	11	56	67
HAND CUTTING AND TRIMMING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
HAND MOLDING, CASTING, AND FORMING OCCUPATIONS	34	2	34	2	-	-	-	-	-	-	-	-
HAND PAINTING, COATING AND DECORATING OCCUPATIONS	17	11	13	11	4	-	-	-	-	-	-	-
HAND ENGRAVING AND PRINTING OCCUPATIONS	-	6	-	6	-	-	-	-	-	-	-	-
HAND GRINDING AND POLISHING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
MISCELLANEOUS HAND WORKING OCCUPATIONS	28	27	28	27	-	-	-	-	-	-	-	-
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 133	1 097	1 125	1 040	8	27	-	13	-	17	-	13
PRODUCTION INSPECTORS, CHECKERS, AND EXAMINERS	878	931	878	879	-	22	-	13	-	17	-	5
PRODUCTION TESTERS	175	47	175	47	-	-	-	-	-	-	-	-
PRODUCTION SAMPLERS AND WEIGHERS	-	-	-	-	-	-	-	-	-	-	-	-
GRADERS AND SORTERS, EXCEPT AGRICULTURAL	80	119	72	114	8	5	-	-	-	-	-	8
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	5 821	570	5 764	570	25	-	6	-	-	-	80	-
MOTOR VEHICLE OPERATORS	4 434	456	4 401	456	8	-	6	-	-	-	45	-
SUPERVISORS, MOTOR VEHICLE OPERATORS	34	-	34	-	-	-	-	-	-	-	-	-
TRUCK DRIVERS, HEAVY	2 502	16	2 486	16	-	-	6	-	-	-	23	-
TRUCK DRIVERS, LIGHT	866	12	857	12	-	-	-	-	-	-	9	-
DRIVER-SALES WORKERS	424	32	424	32	-	-	-	-	-	-	7	-
BUS DRIVERS	370	365	362	365	8	-	-	-	-	-	-	-
TAXICAB DRIVERS AND CHAUFFEURS	194	31	194	31	-	-	-	-	-	-	6	-
PARKING LOT ATTENDANTS	31	-	31	-	-	-	-	-	-	-	-	-
MOTOR TRANSPORTATION OCCUPATIONS, N.E.C.	13	-	13	-	-	-	-	-	-	-	-	-
RAIL TRANSPORTATION OCCUPATIONS	76	-	76	-	-	-	-	-	-	-	-	-
RAILROAD CONDUCTORS AND YARDMASTERS	26	-	26	-	-	-	-	-	-	-	-	-
LOCOMOTIVE OPERATING OCCUPATIONS	32	-	32	-	-	-	-	-	-	-	-	-
RAILROAD BRAKE, SIGNAL, AND SWITCH OPERATORS	18	-	18	-	-	-	-	-	-	-	-	-
RAIL VEHICLE OPERATORS, N.E.C.	-	-	-	-	-	-	-	-	-	-	-	-
WATER TRANSPORTATION OCCUPATIONS	11	-	11	-	-	-	-	-	-	-	-	-
SHIP CAPTAINS AND MATES, EXCEPT FISHING BOATS	1	-	1	-	-	-	-	-	-	-	-	-
SAILORS AND DECKHANDS	-	-	-	-	-	-	-	-	-	-	-	-
MARINE ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-
BRIDGE, LOCK, AND LIGHTHOUSE TENDERS	10	-	10	-	-	-	-	-	-	-	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	1 300	114	1 276	114	17	-	-	-	-	-	35	-
SUPERVISORS, MATERIAL MOVING EQUIPMENT OPERATORS	13	-	13	-	-	-	-	-	-	-	-	-
OPERATING ENGINEERS	212	2	212	2	-	-	-	-	-	-	-	-
LONGSHORE EQUIPMENT OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
HOIST AND WINCH OPERATORS	6	-	6	-	-	-	-	-	-	-	-	-
CRANE AND TOWER OPERATORS	110	6	110	6	-	-	-	-	-	-	6	-
EXCAVATING AND LOADING MACHINE OPERATORS	114	3	114	3	-	-	-	-	-	-	-	-
GRADER, DOZER, AND SCRAPER OPERATORS	64	-	64	-	-	-	-	-	-	-	-	-
INDUSTRIAL TRUCK AND TRACTOR EQUIPMENT OPERATORS	450	25	433	25	17	-	-	-	-	-	8	-
MISCELLANEOUS MATERIAL MOVING EQUIPMENT OPERATORS	331	78	324	78	-	-	-	-	-	-	21	-

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TABLE 219. (B) DETAILED OCCUPATION OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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WORCESTER, MA SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS.	4 702	1 355	4 650	1 333	39	-	5	-	-	8	55	21
SUPERVISORS; HANDLERS, EQUIPMENT CLEANERS, AND LABORERS, N.E.C.. . . .	-	-	-	-	-	-	-	-	-	-	-	-
HELPERS, MECHANICS AND REPAIRERS . . .	19	-	19	-	-	-	-	-	-	-	-	-
HELPERS, CONSTRUCTION AND EXTRACTIVE OCCUPATIONS.	123	-	123	-	-	-	-	-	-	-	7	-
HELPERS, CONSTRUCTION TRADES.	69	-	69	-	-	-	-	-	-	-	7	-
HELPERS, SURVEYOR	46	-	46	-	-	-	-	-	-	-	-	-
HELPERS, EXTRACTIVE OCCUPATIONS . . .	8	-	8	-	-	-	-	-	-	-	-	-
CONSTRUCTION LABORERS.	438	5	431	5	7	-	-	-	-	-	8	-
PRODUCTION HELPERS	210	24	210	24	-	-	-	-	-	-	-	-
FREIGHT, STOCK, AND MATERIAL HANDLERS.	2 004	333	1 982	333	17	-	5	-	-	-	26	-
GARBAGE COLLECTORS.	93	-	93	-	-	-	-	-	-	-	-	-
STEVEDORES.	-	-	-	-	-	-	-	-	-	-	-	-
STOCK HANDLERS AND BAGGERS.	1 066	280	1 047	280	14	-	5	-	-	-	8	-
MACHINE FEEDERS AND OFFBEARERS. . . .	125	34	125	34	-	-	-	-	-	-	-	-
FREIGHT, STOCK, AND MATERIAL HANDLERS, N.E.C.	720	19	717	19	3	-	-	-	-	-	18	-
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	338	34	338	34	-	-	-	-	-	-	-	-
VEHICLE WASHERS AND EQUIPMENT CLEANERS.	159	17	159	17	-	-	-	-	-	-	-	-
HAND PACKERS AND PACKAGERS	270	630	270	608	-	-	-	-	-	8	-	21
LABORERS, EXCEPT CONSTRUCTION.	1 141	312	1 118	312	15	-	-	-	-	-	14	-
MANUFACTURING	493	141	485	141	-	-	-	-	-	-	14	-
NONDURABLE GOODS	137	70	137	70	-	-	-	-	-	-	-	-
FOOD AND KINDRED PRODUCTS	41	-	41	-	-	-	-	-	-	-	-	-
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	37	28	37	28	-	-	-	-	-	-	-	-
PAPER AND ALLIED PRODUCTS	16	12	16	12	-	-	-	-	-	-	-	-
CHEMICALS AND ALLIED PRODUCTS . . .	-	24	-	24	-	-	-	-	-	-	-	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS.	22	-	22	-	-	-	-	-	-	-	-	-
OTHER NONDURABLE GOODS.	21	6	21	6	-	-	-	-	-	-	-	-
DURABLE GOODS.	345	71	337	71	-	-	-	-	-	-	14	-
FURNITURE, LUMBER, AND WOOD PRODUCTS	33	-	33	-	-	-	-	-	-	-	-	-
STONE, CLAY, GLASS, AND CONCRETE PRODUCTS	115	8	115	8	-	-	-	-	-	-	-	-
PRIMARY METAL INDUSTRIES.	47	7	39	7	-	-	-	-	-	-	14	-
FABRICATED METAL INDUSTRIES	82	36	82	36	-	-	-	-	-	-	-	-
MACHINERY, EXCEPT ELECTRICAL. . . .	45	-	45	-	-	-	-	-	-	-	-	-
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	6	13	6	13	-	-	-	-	-	-	-	-
TRANSPORTATION EQUIPMENT.	11	-	11	-	-	-	-	-	-	-	-	-
MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT	6	-	6	-	-	-	-	-	-	-	-	-
OTHER DURABLE GOODS	6	7	6	7	-	-	-	-	-	-	-	-
NOT SPECIFIED MANUFACTURING INDUSTRIES.	11	-	11	-	-	-	-	-	-	-	-	-
NONMANUFACTURING INDUSTRIES	648	171	633	171	15	-	-	-	-	-	-	-
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES.	85	11	85	11	-	-	-	-	-	-	-	-
WHOLESALE TRADE.	291	63	276	63	15	-	-	-	-	-	-	-
RETAIL TRADE	136	23	136	23	-	-	-	-	-	-	-	-
BUSINESS AND REPAIR SERVICES	28	5	28	5	-	-	-	-	-	-	-	-
PUBLIC ADMINISTRATION.	29	5	29	5	-	-	-	-	-	-	-	-
ALL OTHER INDUSTRIES	79	64	79	64	-	-	-	-	-	-	-	-

(1) PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

MASSACHUSETTS

	EMPLOYED PERSONS							PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY			
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
MALES 16 YEARS AND OVER	1 473 622	1 147 150	223 138	51 440	56 445	115 253	101 527	1 807	54 954	140 289	754 417	490 463
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	414 518	289 130	87 772	14 487	25 766	47 519	37 255	361	9 737	24 505	208 309	165 711
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	205 364	162 327	30 038	8 123	9 237	12 678	12 700	299	2 752	7 586	101 127	91 132
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	7 403	22	7 381	1 751	2 041	3 589	-	-	195	340	4 692	2 042
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	7 872	2 724	5 114	25	1 083	4 006	34	-	140	383	3 697	3 541
MANAGERS, MEDICINE AND HEALTH	2 257	1 739	466	143	205	118	52	-	13	80	1 258	872
OTHER SPECIFIED MANAGERS	37 112	33 843	1 795	906	437	452	1 435	39	271	868	17 680	17 901
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	93 062	88 321	4 741	1 204	1 570	1 967	-	-	1 171	3 137	41 357	46 091
MANUFACTURING	31 178	31 113	65	50	7	8	-	-	99	597	14 983	15 185
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	6 517	5 911	606	198	171	237	-	-	60	108	3 432	2 826
WHOLESALE AND RETAIL TRADE	23 031	23 006	25	8	-	17	-	-	232	938	7 519	14 017
ALL OTHER INDUSTRIES	32 336	28 291	4 045	948	1 392	1 705	-	-	780	1 494	15 423	14 063
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	7 651	-	-	-	-	-	7 415	236	227	570	2 466	4 195
CONSTRUCTION	1 327	-	-	-	-	-	1 314	13	54	143	564	478
MANUFACTURING	1 116	-	-	-	-	-	1 052	64	31	64	374	643
WHOLESALE AND RETAIL TRADE	2 858	-	-	-	-	-	2 730	128	74	206	690	1 837
ALL OTHER INDUSTRIES	2 350	-	-	-	-	-	2 319	31	68	157	838	1 237
MANAGEMENT RELATED OCCUPATIONS	50 007	35 678	10 541	4 094	3 901	2 546	3 764	24	735	2 208	29 977	16 490
ACCOUNTANTS AND AUDITORS	20 799	15 297	3 269	1 313	1 479	477	2 227	6	303	748	12 524	7 027
BUYERS AND PURCHASING AGENTS	7 689	7 010	370	187	67	116	296	13	42	318	4 534	2 711
PROFESSIONAL SPECIALTY OCCUPATIONS	209 154	126 803	57 734	6 364	16 529	34 841	24 555	62	6 985	16 919	107 182	74 579
ENGINEERS, ARCHITECTS, AND SURVEYORS	53 426	46 902	4 538	1 746	1 729	1 063	1 980	6	348	1 357	35 248	15 729
ARCHITECTS	3 230	2 141	129	44	48	37	954	6	53	159	1 471	1 500
ENGINEERS	49 673	44 413	4 306	1 685	1 665	956	954	-	295	1 179	33 463	14 045
ELECTRICAL AND ELECTRONIC ENGINEERS	13 947	13 139	614	446	75	93	194	-	89	331	9 592	3 795
MECHANICAL ENGINEERS	7 852	7 468	262	166	68	28	122	-	19	134	5 048	2 543
OTHER ENGINEERS	27 874	23 806	3 430	1 073	1 522	835	638	-	187	714	18 823	7 707
SURVEYORS AND MAPPING SCIENTISTS	523	348	103	17	16	70	72	-	-	19	314	184
MATHEMATICAL AND COMPUTER SCIENTISTS	9 756	8 886	725	419	191	115	145	-	104	282	6 573	2 726
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	6 826	6 402	302	139	105	58	122	-	84	204	4 499	2 012
NATURAL SCIENTISTS	7 075	5 197	1 694	1 000	483	211	184	-	136	266	4 458	2 162
HEALTH DIAGNOSING OCCUPATIONS	18 107	9 378	1 499	589	583	327	7 230	-	313	1 266	4 136	12 064
PHYSICIANS	12 572	7 836	1 322	506	539	277	3 414	-	165	551	1 816	9 768
DENTISTS	3 670	1 069	138	62	32	44	2 463	-	113	460	1 585	1 478
OTHER HEALTH DIAGNOSING PRACTITIONERS	1 865	473	39	21	12	6	1 353	-	35	255	735	818
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	6 998	5 344	1 333	383	670	280	313	8	222	625	3 223	2 804
REGISTERED NURSES	*1 501*	*1 038*	*438*	*153*	*249*	*36*	*25*	-	*48*	*197*	*793*	*437*
PHARMACISTS	3 363	2 974	186	71	77	38	195	8	134	302	1 110	1 756
THERAPISTS	1 671	1 031	578	106	300	172	62	-	25	109	1 112	405
TEACHERS, LIBRARIANS, AND COUNSELORS	58 353	19 243	38 127	527	7 018	30 582	983	-	3 305	7 996	27 962	17 918
TEACHERS, POSTSECONDARY	15 746	10 521	5 225	69	4 965	191	-	-	1 534	2 318	5 449	6 031
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	19 002	2 242	16 749	92	618	16 039	11	-	603	2 579	10 317	5 211
TEACHERS, SECONDARY	13 838	1 798	12 040	40	288	11 712	-	-	273	1 561	7 229	4 498
SOCIAL SCIENTISTS AND URBAN PLANNERS	5 658	3 487	1 781	347	730	704	390	-	85	334	3 106	2 100
SOCIAL AND RECREATION WORKERS	6 529	2 158	4 268	414	3 154	700	95	8	186	412	4 429	1 308
RELIGIOUS WORKERS	4 798	4 033	98	18	45	35	663	4	211	330	1 161	3 035
LAWYERS AND JUDGES	14 492	5 012	2 442	532	1 504	406	7 038	-	359	912	5 407	7 550
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	23 962	17 163	1 229	389	422	418	5 534	36	1 716	3 139	11 479	7 183
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	300 822	244 078	37 604	23 152	7 998	6 454	18 804	336	12 788	28 876	156 702	96 781
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	54 018	46 877	6 387	2 597	1 962	1 828	728	26	1 767	3 292	32 848	15 161
HEALTH TECHNOLOGISTS AND TECHNICIANS	5 158	3 802	1 325	354	447	524	24	7	205	494	2 653	1 735
LICENSED PRACTICAL NURSES	541	281	254	42	196	16	6	-	12	55	332	127
ENGINEERING AND SCIENCE TECHNICIANS	28 792	26 399	2 165	1 092	590	483	221	7	757	1 152	18 286	8 069
ELECTRICAL AND ELECTRONIC *TECHNICIANS*	*9 439*	*8 801*	*607*	*485*	*97*	*25*	*29*	*2*	*133*	*250*	*5 910*	*2 968*
DRAFTING AND SURVEYING TECHNICIANS	9 300	8 567	600	182	117	301	133	-	180	403	6 300	2 299
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	20 068	16 676	2 897	1 151	925	821	483	12	805	1 646	11 909	5 357
AIRPLANE PILOTS AND NAVIGATORS	818	786	24	24	-	-	8	-	49	273	230	247
COMPUTER PROGRAMMERS	8 162	7 503	504	167	181	156	155	-	292	446	5 488	1 809
SALES OCCUPATIONS	126 690	108 380	1 011	243	568	200	17 083	216	5 846	13 876	52 148	52 764
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	29 085	22 659	93	12	52	29	6 277	56	300	1 146	9 216	17 958
SELF-EMPLOYED	6 333	-	-	-	-	-	6 277	56	134	359	1 472	4 249
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	27 129	21 933	223	88	73	62	4 953	20	625	1 898	13 684	10 416
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	28 836	26 330	20	-	7	13	2 479	7	386	1 188	15 017	11 951
SALES WORKERS, RETAIL AND PERSONAL SERVICES	41 364	37 275	675	143	436	96	3 281	133	4 523	9 644	14 100	12 312
CASHIERS	7 298	6 683	535	110	372	53	72	8	1 113	3 430	1 798	809
SALES RELATED OCCUPATIONS	276	183	-	-	-	-	93	-	12	-	131	127

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

MASSACHUSETTS

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	120 114	88 821	30 206	20 312	5 468	4 426	993	94	5 175	11 708	71 706	28 856
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	17 745	13 681	3 995	2 094	1 216	685	67	2	153	429	11 003	5 908
COMPUTER EQUIPMENT OPERATORS	5 497	4 845	598	181	205	212	54	-	172	284	3 582	1 410
SECRETARIES, STENOGRAPHERS, AND TYPISTS	1 812	1 242	526	69	303	154	44	-	219	312	983	273
SECRETARIES	1 072	796	267	39	159	69	9	-	104	152	676	121
RECEPTIONISTS	732	476	256	91	102	63	-	-	166	217	235	32
FILE CLERKS	1 637	1 312	306	151	73	82	13	6	240	268	746	329
FINANCIAL RECORDS PROCESSING OCCUPATIONS	6 406	5 181	981	390	327	264	200	44	352	846	3 952	1 132
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	4 496	3 742	550	195	220	135	165	39	282	589	2 780	752
TELEPHONE OPERATORS	716	597	119	54	56	9	-	-	69	222	363	56
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	18 610	3 940	14 579	14 188	284	107	70	21	476	1 335	12 144	4 123
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	26 844	25 645	1 137	456	361	320	62	-	721	2 785	15 504	7 246
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	2 254	2 103	26	12	8	6	125	-	29	70	1 656	451
BANK TELLERS	1 666	1 630	29	27	2	-	7	-	97	287	1 002	269
DATA-ENTRY KEYERS	777	641	136	94	23	19	-	-	11	89	473	187
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	35 418	27 528	7 518	2 505	2 508	2 505	351	21	2 470	4 564	20 063	7 440
SERVICE OCCUPATIONS	164 339	101 618	57 512	4 845	12 494	40 173	4 993	216	16 109	32 118	70 657	41 075
PRIVATE HOUSEHOLD OCCUPATIONS	643	627	-	-	-	-	16	-	185	104	264	76
PROTECTIVE SERVICE OCCUPATIONS	47 444	13 555	33 745	1 376	5 427	26 942	138	6	1 666	3 914	20 322	20 385
FIREFIGHTING OCCUPATIONS	11 272	59	11 213	247	196	10 770	-	-	50	60	1 855	9 121
POLICE AND DETECTIVES, PUBLIC SERVICE	12 892	-	12 892	364	1 786	10 742	-	-	49	206	7 241	5 090
GUARDS	16 215	12 872	3 199	604	1 195	1 400	138	6	1 508	3 479	7 240	3 494
OTHER PROTECTIVE SERVICE OCCUPATIONS	7 065	624	6 441	161	2 250	4 030	-	-	59	169	3 986	2 680
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	116 252	87 436	23 767	3 469	7 067	13 231	4 839	210	14 258	28 100	50 071	20 614
FOOD PREPARATION AND SERVICE OCCUPATIONS	46 922	43 699	2 081	390	1 129	562	998	144	8 192	15 168	13 658	8 495
WAITERS AND FOOD COUNTER WORKERS	5 956	5 811	44	6	24	14	82	19	1 063	2 423	1 526	737
COOKS	16 006	14 598	721	73	411	237	622	65	1 672	4 645	5 397	3 802
HEALTH SERVICE OCCUPATIONS	7 291	3 775	3 516	766	2 138	612	-	-	371	1 269	4 566	893
NURSING AIDES, ORDERLIES, AND ATTENDANTS	5 780	2 655	3 125	718	1 988	419	-	-	216	765	3 888	742
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	52 161	33 805	17 169	2 135	3 363	11 671	1 136	51	4 610	9 553	28 061	8 554
PERSONAL SERVICE OCCUPATIONS	9 878	6 157	1 001	178	437	386	2 705	15	1 085	2 110	3 786	2 672
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	4 821	2 195	28	9	13	6	2 590	8	109	630	2 079	1 912
FARMING, FORESTRY, AND FISHING OCCUPATIONS	19 461	11 322	3 140	289	739	2 112	4 725	274	1 228	3 122	7 535	6 793
FARM OPERATORS AND MANAGERS	3 382	961	20	-	10	10	2 401	-	85	397	625	2 205
FARM OCCUPATIONS, EXCEPT MANAGERIAL	3 095	2 647	159	36	111	12	61	228	236	676	923	1 169
RELATED AGRICULTURAL OCCUPATIONS	8 726	5 197	2 723	191	557	1 975	764	42	752	1 411	4 678	1 456
FORESTRY AND FISHING OCCUPATIONS	4 258	2 517	238	62	61	115	1 499	4	155	638	1 309	1 963
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	277 452	231 121	16 984	4 134	4 303	8 547	29 013	334	4 238	17 186	153 775	95 252
MECHANICS AND REPAIRERS	84 970	72 540	5 395	2 019	1 159	2 217	6 941	94	1 336	4 069	45 300	32 357
AUTOMOBILE MECHANICS, INCLUDING BODY	26 640	21 569	1 179	420	190	569	3 842	50	417	1 526	13 053	11 023
AIRCRAFT MECHANICS	1 509	1 228	255	236	17	2	26	-	9	37	1 106	351
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	4 302	3 589	210	116	77	17	495	8	66	162	2 360	1 614
OTHER MECHANICS AND REPAIRERS	52 519	46 154	3 751	1 247	875	1 629	2 578	36	844	2 344	28 781	19 369
CONSTRUCTION TRADES	88 468	61 995	7 755	1 269	2 235	4 251	18 585	133	1 720	8 414	54 956	20 431
CARPENTERS	26 450	17 333	1 450	316	437	697	7 613	54	625	3 219	16 424	5 224
ELECTRICIANS	12 697	10 339	1 032	266	284	482	1 317	9	125	644	8 036	3 626
PAINTERS, CONSTRUCTION AND MAINTENANCE	7 993	4 777	993	164	399	430	2 200	23	305	1 237	4 749	1 374
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	10 700	7 843	1 036	233	256	547	1 804	17	126	588	7 063	2 600
OTHER CONSTRUCTION TRADES	30 628	21 703	3 244	290	859	2 095	5 651	30	539	2 726	18 684	7 607
EXTRACTIVE OCCUPATIONS	315	279	7	-	-	7	29	-	6	20	179	106
PRECISION PRODUCTION OCCUPATIONS	103 699	96 307	3 827	846	909	2 072	3 458	107	1 176	4 683	53 340	42 358
SUPERVISORS, PRODUCTION OCCUPATIONS	42 706	41 021	1 215	228	227	760	443	27	262	1 080	20 998	19 711
MANUFACTURING	32 608	32 321	113	93	7	13	168	6	142	560	15 852	15 585
PRECISION METALWORKING OCCUPATIONS	33 021	31 621	729	376	155	198	655	16	271	1 503	16 766	13 632
TOOL AND DIE MAKERS	5 306	5 175	12	6	-	6	119	-	14	204	2 209	2 790
MACHINISTS	20 948	20 219	498	287	94	117	231	-	147	961	10 649	8 658
SHEET METAL WORKERS	3 392	3 201	124	32	54	38	51	16	41	181	2 045	1 037
OTHER PRECISION METAL WORKERS	3 375	3 026	95	51	7	37	254	-	69	157	1 863	1 147
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	3 564	2 598	69	7	39	23	891	6	118	413	1 898	1 034
PLANT AND SYSTEM OPERATORS	4 673	3 206	1 430	83	389	958	37	-	18	87	2 884	1 543
OTHER PRECISION PRODUCTION OCCUPATIONS	19 735	17 861	384	152	99	133	1 432	58	507	1 600	10 794	6 438

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

MASSACHUSETTS

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	297 030	269 881	20 126	4 533	5 145	10 448	6 737	286	10 854	34 482	157 439	84 851
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	148 128	141 216	4 254	1 339	1 307	1 608	2 594	64	2 524	9 470	86 864	44 950
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	104 963	100 286	2 977	779	981	1 217	1 636	64	1 691	6 273	60 878	32 849
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	16 107	15 743	222	123	43	56	142	-	143	776	8 275	6 362
PRINTING MACHINE OPERATORS	11 318	10 640	359	77	183	99	306	13	199	717	6 940	3 216
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	10 847	9 920	475	97	162	216	445	7	272	1 100	6 681	2 448
TEXTILE MACHINE OPERATORS	4 394	4 303	67	19	-	48	24	-	23	211	2 592	1 398
TEXTILE SEWING MACHINE OPERATORS	799	759	14	7	7	-	19	7	43	72	517	132
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	2 166	1 467	328	60	141	127	371	-	123	371	1 129	497
OTHER SPECIFIED MACHINE OPERATORS	*29 060*	*27 511*	*1 023*	*225*	*394*	*404*	*501*	*25*	*508*	*1 775*	*16 485*	*9 328*
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	37 631	36 472	898	257	199	442	242	19	569	1 905	22 497	11 495
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	11 215	10 951	181	82	20	79	83	-	121	563	6 036	4 094
MACHINE OPERATORS, NOT SPECIFIED	26 416	25 521	717	175	179	363	159	19	448	1 342	16 461	7 401
INDUSTRY:												
MANUFACTURING	34 499	33 983	344	131	52	161	158	14	452	1 636	20 562	10 788
NONDURABLE GOODS	13 432	13 293	101	20	27	54	24	14	182	679	7 990	4 194
FOOD AND KINDRED PRODUCTS	1 221	1 190	17	-	-	17	-	14	10	99	617	445
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	1 574	1 560	14	-	-	14	-	-	32	111	926	463
PAPER AND ALLIED PRODUCTS	4 104	4 095	2	-	2	-	7	-	14	155	2 121	1 725
OTHER NONDURABLE GOODS	6 533	6 448	68	20	25	23	17	-	126	314	4 326	1 561
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	21 067	20 690	243	111	25	107	134	-	270	957	12 572	6 594
METAL INDUSTRIES	6 489	6 376	73	29	9	35	40	-	55	297	3 862	2 015
MACHINERY, INCLUDING ELECTRICAL	7 162	7 081	60	29	2	29	21	-	96	331	4 029	2 500
TRANSPORTATION EQUIPMENT	1 392	1 330	62	43	8	11	-	-	13	51	792	493
OTHER DURABLE GOODS	6 024	5 903	48	10	6	32	73	-	106	278	3 889	1 586
NONMANUFACTURING INDUSTRIES	3 132	2 489	554	126	147	281	84	5	117	269	1 935	707
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	759	535	217	42	48	127	7	-	-	14	561	169
WHOLESALE AND RETAIL TRADE	972	936	-	-	-	-	36	-	20	72	578	247
ALL OTHER INDUSTRIES	1 401	1 018	337	84	99	154	41	5	97	183	796	297
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	30 848	29 062	852	340	213	299	934	-	695	2 444	18 671	8 242
WELDERS AND CUTTERS	9 255	8 538	309	117	54	138	408	-	141	444	5 385	2 994
ASSEMBLERS	19 446	18 821	381	174	109	98	244	-	445	1 738	12 092	4 726
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	2 147	1 703	162	49	50	63	282	-	109	262	1 194	522
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	12 317	11 868	425	220	113	92	24	-	138	753	7 315	3 859
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	*77 572*	*65 590*	*8 444*	*1 063*	*2 416*	*4 965*	*3 443*	*95*	*2 080*	*7 155*	*37 612*	*28 031*
MOTOR VEHICLE OPERATORS	58 525	49 576	5 882	553	1 855	3 474	2 991	76	1 756	6 002	26 492	22 281
TRUCK DRIVERS AND DRIVER-SALES WORKERS	46 324	40 491	3 497	350	797	2 350	2 274	62	1 005	3 398	21 347	19 084
BUS DRIVERS	5 706	3 771	1 839	92	894	853	88	8	341	1 329	2 694	1 117
RAIL AND WATER TRANSPORTATION OCCUPATIONS	3 006	2 176	798	371	262	165	32	-	37	88	1 427	1 241
MATERIAL MOVING EQUIPMENT OPERATORS	16 041	13 838	1 764	139	299	1 326	420	19	287	1 065	9 693	4 509
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	1 397	865	328	13	36	279	202	2	31	147	790	386
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	71 330	63 075	7 428	2 131	1 422	3 875	700	127	6 250	17 857	32 963	11 870
CONSTRUCTION LABORERS	9 856	7 734	2 075	155	504	1 416	-	47	280	1 217	6 309	1 531
FREIGHT, STOCK, AND MATERIAL HANDLERS	26 401	23 798	2 331	1 354	149	828	247	25	3 462	9 664	8 967	3 428
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	5 871	5 639	90	24	22	44	116	26	758	2 305	1 614	1 078
HAND PACKERS AND PACKAGERS	6 022	5 898	111	15	70	26	13	-	284	1 151	3 256	1 196
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	6 546	6 007	460	147	170	143	58	21	605	1 267	3 273	1 201
LABORERS, EXCEPT CONSTRUCTION	16 634	13 999	2 361	436	507	1 418	266	8	861	2 253	9 544	3 436
MANUFACTURING	5 999	5 942	40	32	-	8	15	2	252	572	3 569	1 391
NONDURABLE GOODS	2 790	2 770	20	20	-	-	-	-	145	295	1 596	633
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	3 209	3 172	20	12	-	8	15	2	107	277	1 973	758
METAL INDUSTRIES	919	919	-	-	-	-	-	-	49	62	548	230
NONMANUFACTURING INDUSTRIES	10 635	8 057	2 321	404	507	1 410	251	6	609	1 681	5 975	2 045
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	2 232	1 261	937	87	105	745	34	-	77	203	1 454	456
WHOLESALE AND RETAIL TRADE	5 438	5 318	32	9	18	5	88	-	310	945	2 825	1 198
ALL OTHER INDUSTRIES	2 965	1 478	1 352	308	384	660	129	6	222	533	1 696	391

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

MASSACHUSETTS

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
FEMALES 16 YEARS AND OVER	1 200 653	946 114	219 826	30 133	57 550	132 143	29 579	5 134	110 276	326 586	610 923	119 156
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	285 866	169 948	102 921	8 542	21 105	73 274	12 093	904	19 586	63 137	151 967	43 756
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	86 645	67 678	15 569	3 819	5 515	6 235	2 806	592	2 787	10 773	53 392	17 975
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	3 512	7	3 505	583	1 270	1 652	-	-	109	559	2 296	480
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	6 012	3 545	2 384	53	849	1 482	55	28	278	873	3 316	1 471
MANAGERS, MEDICINE AND HEALTH	2 500	2 043	398	56	247	95	40	19	42	244	1 565	571
OTHER SPECIFIED MANAGERS	11 958	10 831	715	313	219	183	373	39	266	1 050	7 455	2 977
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	34 187	30 737	3 450	535	1 064	1 851	-	-	1 334	4 843	19 816	7 507
MANUFACTURING	5 312	5 288	24	17	-	7	-	-	66	476	3 440	1 220
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	2 082	1 985	97	25	26	46	-	-	8	123	1 567	334
WHOLESALE AND RETAIL TRADE	7 814	7 767	47	19	-	28	-	-	262	1 390	3 902	2 130
ALL OTHER INDUSTRIES	18 979	15 697	3 282	474	1 038	1 770	-	-	998	2 854	10 907	3 823
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	2 104	-	-	-	-	-	1 673	431	137	531	641	730
CONSTRUCTION	36	-	-	-	-	-	22	14	-	14	11	-
MANUFACTURING	242	-	-	-	-	-	183	59	11	97	77	57
WHOLESALE AND RETAIL TRADE	950	-	-	-	-	-	809	141	66	216	224	406
ALL OTHER INDUSTRIES	876	-	-	-	-	-	659	217	60	204	329	267
MANAGEMENT RELATED OCCUPATIONS	26 372	20 515	5 117	2 279	1 866	972	665	75	621	2 673	18 303	4 239
ACCOUNTANTS AND AUDITORS	9 047	6 784	1 940	1 241	392	307	291	32	191	889	6 353	1 432
BUYERS AND PURCHASING AGENTS	3 950	3 678	196	106	49	41	69	7	72	324	2 712	744
PROFESSIONAL SPECIALTY OCCUPATIONS	199 221	102 270	87 352	4 723	15 590	67 039	9 287	312	16 799	52 364	98 575	25 781
ENGINEERS, ARCHITECTS, AND SURVEYORS	2 333	2 017	178	73	60	45	126	12	89	198	1 517	488
ARCHITECTS	460	307	37	13	24	-	104	12	52	63	187	152
ENGINEERS	1 837	1 696	119	56	36	27	22	-	37	135	1 294	336
ELECTRICAL AND ELECTRONIC ENGINEERS	469	463	6	-	-	6	-	-	-	30	342	84
MECHANICAL ENGINEERS	151	143	8	8	-	-	-	-	-	18	97	23
OTHER ENGINEERS	1 217	1 090	105	48	36	21	22	-	37	87	855	229
SURVEYORS AND MAPPING SCIENTISTS	36	14	22	4	-	18	-	-	-	-	36	-
MATHEMATICAL AND COMPUTER SCIENTISTS	3 540	3 133	350	188	112	50	57	-	43	310	2 440	653
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	1 851	1 737	69	38	22	9	45	-	14	177	1 240	370
NATURAL SCIENTISTS	2 168	1 688	410	136	194	80	70	-	59	209	1 330	524
HEALTH DIAGNOSING OCCUPATIONS	2 915	1 850	466	149	180	137	585	14	122	395	811	1 533
PHYSICIANS	2 430	1 569	441	138	180	123	413	7	85	283	624	1 384
DENTISTS	206	112	20	6	-	14	67	7	15	36	119	36
OTHER HEALTH DIAGNOSING PRACTITIONERS	279	169	5	5	-	-	105	-	22	76	68	113
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	57 127	44 636	11 314	1 522	3 531	6 261	1 081	96	2 987	17 563	28 707	6 017
REGISTERED NURSES	48 092	38 754	8 561	1 195	2 520	4 846	716	61	2 361	15 510	23 603	4 995
PHARMACISTS	846	809	37	5	18	14	-	-	115	267	297	120
THERAPISTS	5 912	3 392	2 206	210	806	1 190	292	22	334	1 372	3 388	703
TEACHERS, LIBRARIANS, AND COUNSELORS	94 136	26 217	65 562	1 325	6 071	58 166	2 282	75	10 192	25 866	45 359	10 133
TEACHERS, POSTSECONDARY	9 008	5 809	3 199	69	2 887	243	-	-	1 861	2 283	2 849	1 664
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	51 773	9 968	41 554	614	1 314	39 626	245	6	3 663	15 440	26 136	5 012
TEACHERS, SECONDARY	15 757	2 442	13 315	141	361	12 813	-	-	1 294	3 702	8 314	2 085
SOCIAL SCIENTISTS AND URBAN PLANNERS	3 744	2 103	1 170	164	489	517	465	6	215	798	1 888	763
SOCIAL AND RECREATION WORKERS	11 994	5 724	6 102	696	4 028	1 378	157	11	566	2 354	7 108	1 633
RELIGIOUS WORKERS	1 331	1 132	18	-	18	-	181	-	147	329	461	349
LAWYERS AND JUDGES	2 648	1 259	780	236	412	132	609	-	144	424	1 054	946
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	17 285	12 511	1 002	234	495	273	3 674	98	2 235	3 918	7 900	2 742
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	541 421	452 871	76 903	17 811	24 474	34 618	8 574	3 073	47 946	145 243	292 194	43 703
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	42 690	35 621	6 521	1 186	2 954	2 381	461	87	2 709	10 612	23 296	4 861
HEALTH TECHNOLOGISTS AND TECHNICIANS	26 700	22 101	4 351	586	1 970	1 795	193	55	1 531	8 295	13 380	2 740
LICENSED PRACTICAL NURSES	12 572	9 753	2 624	273	1 400	951	174	21	573	4 807	5 749	1 014
ENGINEERING AND SCIENCE TECHNICIANS	6 422	5 719	685	255	359	71	8	10	625	727	3 967	837
ELECTRICAL AND ELECTRONIC TECHNICIANS	1 375	1 287	82	56	20	6	6	-	36	101	904	302
DRAFTING AND SURVEYING TECHNICIANS	1 297	1 187	98	37	43	18	2	10	61	152	863	139
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	9 568	7 801	1 485	345	625	515	260	22	553	1 590	5 949	1 284
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	4 074	3 779	233	61	143	29	60	2	133	453	2 883	530
SALES OCCUPATIONS	117 876	109 092	1 914	385	482	1 047	5 948	922	18 958	51 754	35 122	9 014
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	11 078	8 768	84	26	38	20	2 074	152	455	2 025	5 307	3 018
SELF-EMPLOYED	2 226	-	-	-	-	-	2 074	152	163	616	647	745
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	15 618	13 883	43	6	20	17	1 633	59	1 015	3 646	8 195	2 445
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	4 575	4 366	19	19	-	-	156	34	267	955	2 558	682
SALES WORKERS, RETAIL AND PERSONAL SERVICES	86 320	81 834	1 768	334	424	1 010	2 050	668	17 118	45 041	18 987	2 860
CASHIERS	34 181	32 391	1 483	226	364	893	152	155	6 982	19 777	5 602	857
SALES RELATED OCCUPATIONS	285	241	-	-	-	-	35	9	103	87	75	9

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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MASSACHUSETTS

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	380 855	308 158	68 468	16 240	21 038	31 190	2 165	2 064	26 279	82 877	233 776	29 828
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	16 309	13 384	2 815	827	1 257	731	60	50	237	1 569	11 698	2 455
COMPUTER EQUIPMENT OPERATORS	7 168	6 398	757	289	211	257	13	-	305	1 025	4 867	840
SECRETARIES, STENOGRAPHERS, AND TYPISTS	136 557	107 337	27 584	5 612	9 041	12 931	761	875	7 942	27 332	89 884	8 764
SECRETARIES	114 385	93 239	19 867	4 004	6 168	9 695	431	848	5 793	21 702	77 082	7 780
RECEPTIONISTS	11 058	9 592	1 360	276	548	536	34	72	1 347	3 330	5 482	643
FILE CLERKS	7 127	5 839	1 281	443	403	435	7	-	1 043	1 824	3 716	381
FINANCIAL RECORDS PROCESSING OCCUPATIONS	55 683	49 273	4 926	818	1 696	2 412	727	757	3 480	13 092	33 215	4 881
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	43 972	39 046	3 493	553	1 220	1 720	694	739	3 077	11 039	25 379	3 664
TELEPHONE OPERATORS	8 557	7 690	817	106	363	348	43	7	606	2 265	5 057	398
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	4 673	2 457	2 188	1 912	174	102	17	11	482	1 073	2 609	403
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	8 277	7 692	549	241	142	166	36	-	322	1 523	5 114	1 123
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	2 888	2 801	61	13	36	12	26	-	23	210	2 352	279
BANK TELLERS	12 882	12 414	456	310	65	81	12	-	952	2 976	7 644	1 035
DATA-ENTRY KEYERS	11 449	10 068	1 361	521	548	292	20	-	304	2 729	6 999	1 150
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	98 227	73 213	24 313	4 872	6 554	12 887	409	292	9 236	23 929	55 139	7 476
SERVICE OCCUPATIONS	192 789	151 562	34 919	2 735	10 477	21 707	5 731	577	35 046	82 154	58 884	9 841
PRIVATE HOUSEHOLD OCCUPATIONS	9 378	9 372	-	-	-	-	6	-	3 322	3 243	1 712	710
PROTECTIVE SERVICE OCCUPATIONS	5 701	2 010	3 691	130	705	2 856	-	-	1 755	1 917	1 461	377
FIREFIGHTING OCCUPATIONS	53	-	53	-	-	53	-	-	5	-	23	25
POLICE AND DETECTIVES, PUBLIC SERVICE	657	-	657	50	64	543	-	-	68	110	352	66
GUARDS	4 501	1 952	2 549	52	458	2 039	-	-	1 633	1 754	765	233
OTHER PROTECTIVE SERVICE OCCUPATIONS	490	58	432	28	183	221	-	-	49	53	321	53
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	177 710	140 180	31 228	2 605	9 772	18 851	5 725	577	29 969	76 994	55 711	8 754
FOOD PREPARATION AND SERVICE OCCUPATIONS	77 708	64 982	11 797	422	2 142	9 233	647	282	17 159	38 995	16 046	3 019
WAITERS AND FOOD COUNTER WORKERS	41 943	41 213	455	59	175	221	155	120	9 488	22 875	6 965	1 230
COOKS	10 876	7 677	2 749	103	479	2 167	364	86	1 288	5 009	3 517	747
HEALTH SERVICE OCCUPATIONS	49 351	39 612	9 417	1 154	5 097	3 166	220	102	4 517	16 821	23 567	2 561
NURSING AIDES, ORDERLIES, AND ATTENDANTS	38 031	29 685	8 105	888	4 638	2 579	220	21	3 161	12 954	18 328	2 028
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	16 247	13 210	2 614	380	1 044	1 190	365	58	2 731	5 767	6 537	588
PERSONAL SERVICE OCCUPATIONS	34 404	22 376	7 400	649	1 489	5 262	4 493	135	5 562	15 411	9 561	2 586
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	10 861	7 807	60	7	40	13	2 904	90	928	4 987	3 693	916
FARMING, FORESTRY, AND FISHING OCCUPATIONS	3 899	2 551	313	39	163	111	788	247	463	1 139	1 336	873
FARM OPERATORS AND MANAGERS	633	157	-	-	-	-	476	-	75	144	140	268
FARM OCCUPATIONS, EXCEPT MANAGERIAL	1 476	1 163	49	-	43	6	27	237	166	472	484	317
RELATED AGRICULTURAL OCCUPATIONS	1 597	1 156	182	23	59	100	257	2	222	481	619	230
FORESTRY AND FISHING OCCUPATIONS	193	75	82	16	61	5	28	8	-	42	93	58
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	26 430	23 991	1 069	125	200	744	1 269	101	977	4 665	15 358	4 470
MECHANICS AND REPAIRERS	2 729	2 543	92	31	22	39	73	21	60	303	1 731	570
AUTOMOBILE MECHANICS, INCLUDING BODY	216	182	-	-	-	-	25	9	8	25	101	73
AIRCRAFT MECHANICS	41	41	-	-	-	-	-	-	10	6	20	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	13	5	8	-	8	-	-	-	-	8	5	-
OTHER MECHANICS AND REPAIRERS	2 459	2 315	84	31	14	39	48	12	42	264	1 605	497
CONSTRUCTION TRADES	1 180	799	152	20	58	74	222	7	97	318	584	147
CARPENTERS	379	232	85	5	27	53	62	-	41	92	175	59
ELECTRICIANS	163	147	-	-	-	-	16	-	-	31	71	49
PAINTERS, CONSTRUCTION AND MAINTENANCE	241	118	46	15	24	7	77	-	24	91	100	16
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	43	36	-	-	-	-	7	-	7	-	36	-
OTHER CONSTRUCTION TRADES	354	266	21	-	7	14	60	7	25	104	202	23
EXTRACTIVE OCCUPATIONS	13	11	-	-	-	-	2	-	5	-	-	8
PRECISION PRODUCTION OCCUPATIONS	22 508	20 638	825	74	120	631	972	73	815	4 044	13 043	3 745
SUPERVISORS, PRODUCTION OCCUPATIONS	7 862	7 712	101	12	42	47	27	22	127	728	4 995	1 837
MANUFACTURING	5 944	5 897	12	-	6	6	20	15	37	406	3 862	1 490
PRECISION METALWORKING OCCUPATIONS	2 107	2 002	45	22	-	23	60	-	73	352	1 293	330
TOOL AND DIE MAKERS	88	88	-	-	-	-	-	-	-	20	39	29
MACHINISTS	853	820	25	7	-	18	8	-	10	87	600	114
SHEET METAL WORKERS	70	70	-	-	-	-	-	-	-	-	63	7
OTHER PRECISION METAL WORKERS	1 096	1 024	20	15	-	5	52	-	63	245	591	180
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	3 035	2 253	48	17	31	-	713	21	246	906	1 437	242
PLANT AND SYSTEM OPERATORS	157	101	56	-	6	50	-	-	4	7	117	14
OTHER PRECISION PRODUCTION OCCUPATIONS	9 347	8 570	575	23	41	511	172	30	365	2 051	5 201	1 322

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

MASSACHUSETTS

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	150 248	145 191	3 701	881	1 131	1 689	1 124	232	6 258	30 248	91 184	16 513
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	119 482	116 393	2 212	668	738	806	780	97	3 745	19 542	77 179	14 092
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	72 083	69 909	1 519	352	613	554	572	83	2 849	13 136	45 451	7 587
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	2 958	2 945	13	7	-	6	-	-	91	382	1 836	531
PRINTING MACHINE OPERATORS	3 160	3 009	69	5	29	35	77	5	258	666	1 706	445
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	33 718	32 732	709	94	369	246	242	35	1 658	7 420	20 914	2 321
TEXTILE MACHINE OPERATORS	3 238	3 166	23	10	-	13	49	-	58	473	2 044	526
TEXTILE SEWING MACHINE OPERATORS	22 271	21 871	255	46	112	97	139	6	989	4 931	14 183	1 216
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	3 049	2 612	372	24	257	91	43	22	360	965	1 443	165
OTHER SPECIFIED MACHINE OPERATORS	11 006	10 674	229	65	71	93	76	27	365	1 718	6 753	1 626
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	21 241	20 549	499	181	144	174	177	16	477	2 950	14 242	2 664
OCCUPATION: MISCELLANEOUS MACHINE OPERATORS, N.E.C.	6 653	6 277	213	74	68	71	151	12	205	1 002	4 380	861
MACHINE OPERATORS, NOT SPECIFIED	14 588	14 272	286	107	76	103	26	4	272	1 948	9 862	1 803
INDUSTRY: MANUFACTURING	19 450	19 130	286	122	57	107	30	4	434	2 399	13 225	2 537
NONDURABLE GOODS	7 947	7 845	102	16	30	56	-	-	190	1 115	5 518	776
FOOD AND KINDRED PRODUCTS	357	357	-	-	-	-	-	-	5	75	229	29
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	1 959	1 933	26	10	-	16	-	-	66	287	1 367	155
PAPER AND ALLIED PRODUCTS	1 760	1 747	13	-	-	13	-	-	17	222	1 239	219
OTHER NONDURABLE GOODS	3 871	3 808	63	6	30	27	-	-	102	531	2 683	373
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	11 503	11 285	184	106	27	51	30	4	244	1 284	7 707	1 761
METAL INDUSTRIES	1 634	1 606	22	8	8	6	6	-	28	208	1 060	218
MACHINERY, INCLUDING ELECTRICAL	5 700	5 622	78	52	-	26	-	-	107	578	3 806	1 019
TRANSPORTATION EQUIPMENT	432	400	32	26	-	6	-	-	-	27	330	33
OTHER DURABLE GOODS	3 737	3 657	52	20	19	13	24	4	109	471	2 511	491
NONMANUFACTURING INDUSTRIES	1 791	1 419	213	59	87	67	147	12	43	551	1 017	127
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	129	118	11	-	11	-	-	-	-	13	99	17
WHOLESALE AND RETAIL TRADE	753	593	14	7	-	7	134	12	11	273	390	55
ALL OTHER INDUSTRIES	909	708	188	52	76	60	13	-	32	265	528	55
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	32 673	31 941	517	245	103	169	208	7	673	4 817	21 934	4 036
WELDERS AND CUTTERS	1 052	1 034	18	12	-	6	-	-	15	62	765	156
ASSEMBLERS	28 157	27 698	391	142	103	146	68	-	562	4 172	19 014	3 373
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	3 464	3 209	108	91	-	17	140	7	96	583	2 155	507
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	14 726	14 543	176	71	22	83	-	7	223	1 589	9 794	2 469
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	8 483	7 227	935	65	205	665	265	56	847	4 064	2 515	769
MOTOR VEHICLE OPERATORS	6 705	5 516	872	46	196	630	261	56	817	3 844	1 310	528
TRUCK DRIVERS AND DRIVER-SALES WORKERS	1 282	994	187	18	35	134	86	15	181	418	375	246
BUS DRIVERS	4 847	4 116	612	18	139	455	105	14	549	3 221	771	175
RAIL AND WATER TRANSPORTATION OCCUPATIONS	61	43	18	3	9	6	-	-	5	3	45	-
MATERIAL MOVING EQUIPMENT OPERATORS	1 717	1 668	45	16	-	29	4	-	25	217	1 160	241
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	35	29	6	-	-	6	-	-	-	-	25	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	22 283	21 571	554	148	188	218	79	79	1 666	6 642	11 490	1 652
CONSTRUCTION LABORERS	221	186	35	14	-	21	-	-	16	49	148	5
FREIGHT, STOCK, AND MATERIAL HANDLERS	4 350	4 218	88	65	5	18	35	9	660	1 877	1 372	288
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	318	314	-	-	-	-	-	4	71	98	89	53
HAND PACKERS AND PACKAGERS	12 654	12 504	120	-	61	59	22	8	464	3 427	7 329	898
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	730	632	60	6	23	31	11	27	45	194	373	83
LABORERS, EXCEPT CONSTRUCTION	4 010	3 717	251	63	99	89	11	31	410	997	2 179	325
MANUFACTURING	1 894	1 885	9	7	2	-	-	-	82	366	1 239	159
NONDURABLE GOODS	1 070	1 070	-	-	-	-	-	-	44	261	634	113
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	824	815	9	7	2	-	-	-	38	105	605	46
METAL INDUSTRIES	129	129	-	-	-	-	-	-	23	8	88	5
NONMANUFACTURING INDUSTRIES	2 116	1 832	242	56	97	89	11	31	328	631	940	166
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	140	119	21	10	-	11	-	-	-	43	79	11
WHOLESALE AND RETAIL TRADE	1 224	1 192	11	-	-	11	-	21	135	332	611	122
ALL OTHER INDUSTRIES	752	521	210	46	97	67	11	10	193	256	250	33

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

MASSACHUSETTS

	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS TOTAL	FEDERAL	STATE	LOCAL	SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
WHITE												
MALES 16 YEARS AND OVER	1 404 078	1 092 174	210 607	47 801	52 276	110 530	99 554	1 743	51 579	132 950	712 342	475 894
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	399 335	279 001	83 473	13 664	23 920	45 889	36 500	361	9 045	23 343	199 411	161 554
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	199 398	158 190	28 496	7 695	8 601	12 200	12 413	299	2 581	7 221	97 564	89 337
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	7 089	22	7 067	1 648	1 931	3 488	-	-	187	313	4 442	2 013
MANAGEMENT RELATED OCCUPATIONS	48 320	34 627	9 973	3 876	3 693	2 404	3 696	24	710	2 085	28 800	16 151
PROFESSIONAL SPECIALTY OCCUPATIONS	199 937	120 811	54 977	5 969	15 319	33 689	24 087	62	6 464	16 122	101 847	72 217
ENGINEERS AND NATURAL SCIENTISTS	67 039	58 136	6 595	2 969	2 262	1 364	2 302	6	523	1 817	43 950	19 928
ENGINEERS	47 605	42 518	4 133	1 585	1 597	951	954	-	272	1 148	31 890	13 639
HEALTH DIAGNOSING OCCUPATIONS	17 091	8 736	1 332	546	526	260	7 023	-	313	1 259	3 861	11 343
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	6 671	5 131	1 219	365	586	268	313	8	183	578	3 058	2 742
TEACHERS, LIBRARIANS, AND COUNSELORS	55 955	18 218	36 765	503	6 563	29 699	972	-	3 066	7 573	26 685	17 521
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	31 942	3 976	27 955	126	824	27 005	11	-	817	4 046	16 905	9 632
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	287 310	233 567	34 897	21 737	7 245	5 915	18 516	330	11 785	27 133	148 763	94 330
HEALTH TECHNOLOGISTS AND TECHNICIANS	4 690	3 438	1 221	333	401	487	24	7	161	413	2 424	1 621
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	45 894	40 416	4 761	2 091	1 435	1 235	704	13	1 433	2 555	28 267	12 834
SALES OCCUPATIONS	123 606	105 639	918	233	493	192	16 833	216	5 645	13 371	50 576	52 011
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	28 586	22 307	93	12	52	29	6 130	56	300	1 135	9 011	17 681
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	55 122	47 471	243	88	80	75	7 381	27	988	3 021	28 203	22 121
OTHER SALES OCCUPATIONS	39 898	35 861	582	133	361	88	3 322	133	4 357	9 215	13 362	12 209
CASHIERS	6 739	6 217	442	100	297	45	72	8	1 051	3 279	1 525	741
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	113 120	84 074	27 997	19 080	4 916	4 001	955	94	4 546	10 794	67 496	27 864
COMPUTER EQUIPMENT OPERATORS	5 016	4 405	557	160	185	212	54	-	147	229	3 250	1 341
SECRETARIES, STENOGRAPHERS, AND TYPISTS	1 622	1 121	457	65	263	129	44	-	190	262	885	260
FINANCIAL RECORDS PROCESSING OCCUPATIONS	6 001	4 850	907	371	314	222	200	44	312	815	3 663	1 106
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	17 653	3 667	13 916	13 577	244	95	49	21	424	1 232	11 457	4 008
SERVICE OCCUPATIONS	150 393	90 949	54 491	4 229	11 574	38 688	4 770	183	15 137	29 966	63 214	38 217
PRIVATE HOUSEHOLD OCCUPATIONS	567	562	-	-	-	-	5	-	161	96	236	60
PROTECTIVE SERVICE OCCUPATIONS	44 867	12 257	32 481	1 270	5 095	26 116	123	6	1 580	3 611	18 812	19 796
POLICE AND FIREFIGHTERS	23 391	59	23 332	577	1 879	20 876	-	-	99	261	8 667	13 902
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	104 959	78 130	22 010	2 959	6 479	12 572	4 642	177	13 396	26 259	44 166	18 361
FOOD SERVICE OCCUPATIONS	41 937	39 044	1 841	312	1 027	502	941	111	7 822	14 529	11 534	6 873
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	47 989	30 517	16 323	1 920	3 145	11 258	1 098	51	4 271	8 755	25 574	8 148
FARMING, FORESTRY, AND FISHING OCCUPATIONS	18 887	11 032	2 921	246	677	1 998	4 666	268	1 188	2 992	7 223	6 738
FARM OPERATORS AND MANAGERS	3 361	952	20	-	10	10	2 389	-	85	388	613	2 205
FARM WORKERS AND RELATED OCCUPATIONS	11 312	7 577	2 678	199	606	1 873	793	264	948	1 973	5 331	2 577
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	268 144	222 895	16 356	3 912	4 165	8 279	28 570	323	4 076	16 593	147 485	93 269
MECHANICS AND REPAIRERS	82 071	70 004	5 165	1 911	1 110	2 144	6 808	94	1 276	3 924	43 374	31 638
CONSTRUCTION TRADES	85 865	59 960	7 471	1 207	2 162	4 102	18 301	133	1 674	8 161	53 153	20 056
PRECISION PRODUCTION OCCUPATIONS	99 908	92 667	3 713	794	893	2 026	3 432	96	1 120	4 488	50 785	41 474
OPERATORS, FABRICATORS, AND LABORERS	280 009	254 730	18 469	4 013	4 695	9 761	6 532	278	10 348	32 923	146 246	81 786
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	98 048	93 773	2 615	688	861	1 066	1 604	56	1 551	5 857	56 065	31 546
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	40 063	37 974	1 142	467	320	355	947	-	778	2 955	23 757	11 643
TRANSPORTATION OCCUPATIONS	58 704	49 600	6 131	859	1 893	3 379	2 897	76	1 730	5 809	26 227	22 872
MOTOR VEHICLE OPERATORS	55 831	47 507	5 383	499	1 657	3 227	2 865	76	1 693	5 721	24 866	21 672
MATERIAL MOVING EQUIPMENT OPERATORS	15 346	13 165	1 755	139	299	1 317	407	19	259	1 013	9 242	4 364
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	67 848	60 218	6 826	1 860	1 322	3 644	677	127	6 030	17 289	30 955	11 361
CONSTRUCTION LABORERS	9 300	7 286	1 967	106	473	1 388	-	47	246	1 150	5 920	1 484
FREIGHT, STOCK, AND MATERIAL HANDLERS	25 290	22 944	2 089	1 230	120	739	232	25	3 381	9 431	8 390	3 270

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

MASSACHUSETTS

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
WHITE												
FEMALES 16 YEARS AND OVER	1 136 452	898 169	204 481	26 957	52 111	125 413	28 736	5 066	105 163	313 728	572 670	113 848
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	272 895	162 778	97 434	7 670	19 287	70 477	11 788	895	18 695	60 949	144 110	42 250
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	82 383	64 733	14 318	3 510	5 067	5 741	2 740	592	2 659	10 423	50 427	17 290
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	3 247	7	3 240	541	1 185	1 514	-	-	109	553	2 072	453
MANAGEMENT RELATED OCCUPATIONS	24 755	19 344	4 672	2 130	1 685	857	664	75	596	2 597	17 027	4 025
PROFESSIONAL SPECIALTY OCCUPATIONS	190 512	98 045	83 116	4 160	14 220	64 736	9 048	303	16 036	50 526	93 683	24 960
ENGINEERS AND NATURAL SCIENTISTS	7 625	6 496	876	377	337	162	241	12	186	692	4 943	1 629
ENGINEERS	1 761	1 625	119	56	36	27	17	-	32	129	1 229	336
HEALTH DIAGNOSING OCCUPATIONS	2 531	1 615	368	116	133	119	534	14	122	354	655	1 363
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	55 192	43 188	10 857	1 430	3 324	6 103	1 051	96	2 866	17 275	27 428	5 858
TEACHERS, LIBRARIANS, AND COUNSELORS	89 945	24 811	62 813	1 103	5 549	56 161	2 253	68	9 669	24 669	43 368	9 863
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	65 053	11 888	52 914	661	1 486	50 767	245	6	4 734	18 259	33 368	6 950
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	517 672	435 106	71 122	16 230	22 216	32 676	8 403	3 041	45 976	140 667	277 425	42 131
HEALTH TECHNOLOGISTS AND TECHNICIANS	25 323	21 057	4 018	517	1 807	1 694	193	55	1 500	7 980	12 595	2 554
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	14 887	12 524	2 070	558	942	570	261	32	1 102	2 163	9 230	1 984
SALES OCCUPATIONS	114 661	106 168	1 764	323	432	1 009	5 828	901	18 533	50 614	33 793	8 784
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	10 879	8 627	84	26	38	20	2 022	146	455	2 015	5 185	2 964
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	19 733	17 804	62	25	20	17	1 774	93	1 274	4 532	10 438	3 090
OTHER SALES OCCUPATIONS	84 049	79 737	1 618	272	374	972	2 032	662	16 804	44 067	18 170	2 730
CASHIERS	32 967	31 308	1 368	185	314	869	146	145	6 726	19 253	5 277	776
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	362 801	295 357	63 270	14 832	19 035	29 403	2 121	2 053	24 841	79 910	221 807	28 809
COMPUTER EQUIPMENT OPERATORS	6 742	6 017	712	277	185	250	13	-	305	960	4 543	811
SECRETARIES, STENOGRAPHERS, AND TYPISTS	131 413	103 659	26 139	5 284	8 465	12 390	740	875	7 552	26 471	86 408	8 498
FINANCIAL RECORDS PROCESSING OCCUPATIONS	54 219	48 125	4 633	766	1 560	2 307	704	757	3 434	12 858	32 164	4 810
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	4 212	2 228	1 956	1 759	137	60	17	11	452	1 000	2 273	394
SERVICE OCCUPATIONS	178 522	141 152	31 337	2 162	9 246	19 929	5 463	570	33 483	78 018	51 963	8 908
PRIVATE HOUSEHOLD OCCUPATIONS	8 346	8 340	-	-	-	-	6	-	3 071	2 872	1 427	661
PROTECTIVE SERVICE OCCUPATIONS	5 187	1 859	3 328	108	631	2 589	-	-	1 688	1 730	1 246	353
POLICE AND FIREFIGHTERS	565	-	565	44	53	468	-	-	73	77	284	78
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	164 989	130 953	28 009	2 054	8 615	17 340	5 457	570	28 724	73 416	49 290	7 894
FOOD SERVICE OCCUPATIONS	75 253	63 041	11 340	334	2 003	9 003	597	275	16 719	38 153	15 150	2 813
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	14 097	11 428	2 266	288	915	1 063	345	58	2 522	5 155	5 377	496
FARMING, FORESTRY, AND FISHING OCCUPATIONS	3 796	2 491	276	31	141	104	782	247	432	1 127	1 282	867
FARM OPERATORS AND MANAGERS	627	157	-	-	-	-	470	-	75	144	140	262
FARM WORKERS AND RELATED OCCUPATIONS	2 976	2 259	194	15	80	99	284	239	357	941	1 049	547
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	24 911	22 627	996	81	185	730	1 193	95	887	4 507	14 337	4 311
MECHANICS AND REPAIRERS	2 548	2 388	66	16	19	31	73	21	52	280	1 598	553
CONSTRUCTION TRADES	1 114	753	132	-	58	74	222	7	97	318	533	132
PRECISION PRODUCTION OCCUPATIONS	21 236	19 475	798	65	108	625	896	67	733	3 909	12 206	3 618
OPERATORS, FABRICATORS, AND LABORERS	138 656	134 015	3 316	783	1 036	1 497	1 107	218	5 690	28 460	83 553	15 381
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	66 193	64 169	1 375	313	582	480	566	83	2 499	12 081	41 786	7 020
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	43 462	42 640	611	293	105	213	197	14	763	6 089	28 805	6 095
TRANSPORTATION OCCUPATIONS	6 385	5 285	789	43	167	579	261	50	798	3 682	1 214	477
MOTOR VEHICLE OPERATORS	6 324	5 242	771	40	158	573	261	50	793	3 679	1 169	477
MATERIAL MOVING EQUIPMENT OPERATORS	1 615	1 566	45	16	-	29	4	-	25	217	1 098	211
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	21 001	20 355	496	118	182	196	79	71	1 605	6 391	10 650	1 578
CONSTRUCTION LABORERS	204	169	35	14	-	21	-	-	16	42	138	5
FREIGHT, STOCK, AND MATERIAL HANDLERS	4 116	4 009	63	40	5	18	35	9	648	1 768	1 266	281

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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MASSACHUSETTS

	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS TOTAL	FEDERAL	STATE	LOCAL	SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
BLACK												
MALES 16 YEARS AND OVER	*42 286*	*32 277*	*8 941*	*2 601*	*2 909*	*3 431*	*1 062*	*6*	*1 938*	*4 655*	*27 000*	*7 367*
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	7 812	4 684	2 818	500	1 167	1 151	310	-	336	637	4 865	1 814
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	3 680	2 354	1 194	325	465	404	132	-	102	188	2 384	969
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	251	-	251	79	94	78	-	-	8	27	201	15
MANAGEMENT RELATED OCCUPATIONS	1 176	710	436	174	148	114	30	-	18	93	861	196
PROFESSIONAL SPECIALTY OCCUPATIONS	4 132	2 330	1 624	175	702	747	178	-	234	449	2 481	845
ENGINEERS AND NATURAL SCIENTISTS	1 107	914	186	99	87	-	7	-	6	26	844	204
ENGINEERS	697	599	98	38	60	-	-	-	6	6	545	113
HEALTH DIAGNOSING OCCUPATIONS	188	144	26	-	4	22	18	-	-	7	40	141
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	207	134	73	5	63	5	-	-	26	25	107	49
TEACHERS, LIBRARIANS, AND COUNSELORS	1 251	412	835	-	213	622	4	-	94	183	763	168
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	599	39	560	-	51	509	-	-	31	53	437	51
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	8 852	6 646	2 028	1 051	567	410	178	-	539	1 119	5 484	1 459
HEALTH TECHNOLOGISTS AND TECHNICIANS	215	139	76	14	41	21	-	-	20	44	106	45
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	1 395	1 254	141	51	36	54	-	-	62	116	966	224
SALES OCCUPATIONS	2 147	1 924	83	-	75	8	140	-	115	342	1 164	489
SUPERVISORS AND PROPRIETORS, SALES *OCCUPATIONS*	*265*	*186*	-	-	-	-	*79*	-	-	*5*	*108*	*146*
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	641	602	-	-	-	-	39	-	-	59	395	183
OTHER SALES OCCUPATIONS	1 241	1 136	83	-	75	8	22	-	115	278	661	160
CASHIERS	403	320	83	-	75	8	-	-	36	106	206	50
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	5 095	3 329	1 728	986	415	327	38	-	342	617	3 248	701
COMPUTER EQUIPMENT OPERATORS	341	305	36	21	15	-	-	-	7	34	238	62
SECRETARIES, STENOGRAPHERS, AND TYPISTS	70	56	14	4	3	7	-	-	3	14	47	6
FINANCIAL RECORDS PROCESSING OCCUPATIONS	298	241	57	9	13	35	-	-	21	31	230	6
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	827	246	560	508	40	12	21	-	37	91	607	92
SERVICE OCCUPATIONS	8 618	6 097	2 404	523	680	1 201	117	-	621	1 475	5 162	1 045
PRIVATE HOUSEHOLD OCCUPATIONS	32	32	-	-	-	-	-	-	16	8	8	-
PROTECTIVE SERVICE OCCUPATIONS	2 045	1 032	1 008	82	270	656	5	-	72	254	1 185	458
POLICE AND FIREFIGHTERS	629	-	629	34	78	517	-	-	-	5	360	240
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	6 541	5 033	1 396	441	410	545	112	-	533	1 213	3 969	587
FOOD SERVICE OCCUPATIONS	1 721	1 542	169	71	42	56	10	-	206	281	988	132
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	3 152	2 483	637	178	135	324	32	-	238	606	1 929	278
FARMING, FORESTRY, AND FISHING OCCUPATIONS	272	108	131	5	47	79	27	6	5	51	164	40
FARM OPERATORS AND MANAGERS	5	-	-	-	-	-	5	-	-	-	5	-
FARM WORKERS AND RELATED OCCUPATIONS	245	94	131	5	47	79	14	6	5	51	144	33
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	6 472	5 719	458	175	114	169	295	-	115	410	4 472	1 288
MECHANICS AND REPAIRERS	2 022	1 756	174	87	49	38	92	-	41	106	1 381	463
CONSTRUCTION TRADES	1 872	1 469	206	46	49	111	197	-	36	191	1 300	248
PRECISION PRODUCTION OCCUPATIONS	2 567	2 483	78	42	16	20	6	-	38	113	1 785	572
OPERATORS, FABRICATORS, AND LABORERS	10 260	9 023	1 102	347	334	421	135	-	322	963	6 853	1 721
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	3 667	3 419	234	49	89	96	14	-	74	241	2 644	608
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	1 891	1 819	67	55	6	6	5	-	55	107	1 420	238
TRANSPORTATION OCCUPATIONS	2 125	1 621	410	49	181	180	94	-	40	219	1 277	475
MOTOR VEHICLE OPERATORS	2 053	1 581	378	38	166	174	94	-	40	219	1 229	466
MATERIAL MOVING EQUIPMENT OPERATORS	387	380	-	-	-	-	7	-	17	23	285	60
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	2 190	1 784	391	194	58	139	15	-	136	373	1 227	340
CONSTRUCTION LABORERS	364	300	64	33	18	13	-	-	29	29	267	26
FREIGHT, STOCK, AND MATERIAL HANDLERS	675	487	173	96	26	51	15	-	36	168	345	89

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

MASSACHUSETTS

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
BLACK												
FEMALES 16 YEARS AND OVER	42 590	30 811	11 385	2 370	4 187	4 828	389	5	3 053	8 151	26 470	3 102
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	8 412	4 345	3 956	649	1 300	2 007	111	-	514	1 369	5 327	879
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	2 790	1 907	863	240	297	326	20	-	76	218	2 012	428
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	166	-	166	34	49	83	-	-	-	6	141	19
MANAGEMENT RELATED OCCUPATIONS	1 088	755	333	121	122	90	-	-	-	43	901	137
PROFESSIONAL SPECIALTY OCCUPATIONS	5 622	2 438	3 093	409	1 003	1 681	91	-	438	1 151	3 315	451
ENGINEERS AND NATURAL SCIENTISTS	150	116	34	20	14	-	-	-	-	-	130	20
ENGINEERS	36	36	-	-	-	-	-	-	-	-	36	-
HEALTH DIAGNOSING OCCUPATIONS	64	32	21	13	8	-	11	-	-	6	39	19
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	1 308	934	359	61	179	119	15	-	69	165	904	109
TEACHERS, LIBRARIANS, AND COUNSELORS	2 917	878	2 029	170	365	1 494	10	-	306	800	1 483	170
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	1 800	368	1 432	67	135	1 230	-	-	158	634	812	92
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	16 964	12 588	4 292	1 163	1 790	1 339	79	5	1 215	3 011	11 094	1 016
HEALTH TECHNOLOGISTS AND TECHNICIANS	954	705	249	46	123	80	-	-	21	215	552	122
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	597	552	45	20	16	9	-	-	44	79	389	46
SALES OCCUPATIONS	1 995	1 864	69	35	29	5	62	-	255	647	909	125
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	117	93	-	-	-	-	24	-	-	7	77	20
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	270	270	-	-	-	-	-	-	8	10	190	31
OTHER SALES OCCUPATIONS	1 608	1 501	69	35	29	5	38	-	247	630	642	74
CASHIERS	673	615	52	18	29	5	6	-	136	290	203	36
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	13 418	9 467	3 929	1 062	1 622	1 245	17	5	895	2 070	9 244	723
COMPUTER EQUIPMENT OPERATORS	294	249	45	12	26	7	-	-	-	38	239	17
SECRETARIES, STENOGRAPHERS, AND TYPISTS	3 844	2 758	1 086	266	449	371	-	-	253	633	2 671	177
FINANCIAL RECORDS PROCESSING OCCUPATIONS	990	774	199	17	110	72	17	-	30	152	747	25
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	406	196	210	144	37	29	-	-	9	66	318	-
SERVICE OCCUPATIONS	10 552	7 620	2 773	458	999	1 316	159	-	1 028	2 849	5 541	617
PRIVATE HOUSEHOLD OCCUPATIONS	776	776	-	-	-	-	-	-	160	273	242	38
PROTECTIVE SERVICE OCCUPATIONS	385	108	277	22	63	192	-	-	40	161	151	12
POLICE AND FIREFIGHTERS	84	-	84	6	-	78	-	-	-	22	48	6
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	9 391	6 736	2 496	436	936	1 124	159	-	828	2 415	5 148	567
FOOD SERVICE OCCUPATIONS	1 340	1 020	311	54	121	136	9	-	219	451	547	78
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	1 677	1 350	307	92	102	113	20	-	158	454	928	75
FARMING, FORESTRY, AND FISHING OCCUPATIONS	32	11	21	-	14	7	-	-	6	12	14	-
FARM OPERATORS AND MANAGERS	-	-	-	-	-	-	-	-	-	-	-	-
FARM WORKERS AND RELATED OCCUPATIONS	32	11	21	-	14	7	-	-	6	12	14	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	812	717	61	32	15	14	34	-	41	65	586	65
MECHANICS AND REPAIRERS	155	129	26	15	3	8	-	-	8	16	120	11
CONSTRUCTION TRADES	32	24	8	8	-	-	-	-	-	-	32	-
PRECISION PRODUCTION OCCUPATIONS	625	564	27	9	12	6	34	-	33	49	434	54
OPERATORS, FABRICATORS, AND LABORERS	5 818	5 530	282	68	69	145	6	-	249	845	3 908	525
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	2 504	2 435	69	15	10	44	-	-	115	432	1 569	249
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	2 243	2 172	65	23	15	27	6	-	77	116	1 740	209
TRANSPORTATION OCCUPATIONS	309	219	90	-	38	52	-	-	17	136	126	30
MOTOR VEHICLE OPERATORS	309	219	90	-	38	52	-	-	17	136	124	30
MATERIAL MOVING EQUIPMENT OPERATORS	40	40	-	-	-	-	-	-	-	-	21	9
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	722	664	58	30	6	22	-	-	40	161	452	28
CONSTRUCTION LABORERS	17	17	-	-	-	-	-	-	-	7	10	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	136	111	25	25	-	-	-	-	12	73	44	7

TABLE 22D. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

MASSACHUSETTS

	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS TOTAL	FEDERAL	STATE	LOCAL	SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
ASIAN AND PACIFIC ISLANDER												
MALES 16 YEARS AND OVER	12 755	10 983	1 170	399	473	298	555	47	752	1 188	6 079	4 399
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	5 485	4 388	762	224	338	200	335	-	222	364	2 978	1 832
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	1 639	1 320	203	80	72	51	116	-	37	122	834	618
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	32	-	32	12	7	13	-	-	-	-	32	-
MANAGEMENT RELATED OCCUPATIONS	341	236	76	33	15	28	29	-	-	25	217	84
PROFESSIONAL SPECIALTY OCCUPATIONS	3 846	3 068	559	144	266	149	219	-	185	242	2 144	1 214
ENGINEERS AND NATURAL SCIENTISTS	1 860	1 719	141	77	50	14	-	-	42	51	1 353	394
ENGINEERS	1 239	1 171	68	55	8	5	-	-	7	25	943	256
HEALTH DIAGNOSING OCCUPATIONS	762	475	141	43	53	45	146	-	-	-	223	526
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	72	72	-	-	-	-	-	-	13	8	24	13
TEACHERS, LIBRARIANS, AND COUNSELORS	770	514	256	18	153	85	-	-	90	165	320	184
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	105	20	85	-	7	78	-	-	13	5	74	13
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	2 625	2 256	277	127	83	67	86	6	247	356	1 328	619
HEALTH TECHNOLOGISTS AND TECHNICIANS	182	182	-	-	-	-	-	-	7	29	99	47
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	1 170	1 046	118	59	44	15	-	6	46	103	702	286
SALES OCCUPATIONS	501	415	-	-	-	-	86	-	51	54	201	188
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	170	109	-	-	-	-	61	-	-	6	70	94
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	99	99	-	-	-	-	-	-	-	6	44	42
OTHER SALES OCCUPATIONS	232	207	-	-	-	-	25	-	51	42	87	52
CASHIERS	115	115	-	-	-	-	-	-	19	28	50	18
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	772	613	159	68	39	52	-	-	143	170	326	98
COMPUTER EQUIPMENT OPERATORS	74	69	5	-	5	-	-	-	18	21	28	7
SECRETARIES, STENOGRAPHERS, AND TYPISTS	62	34	28	-	10	18	-	-	13	18	24	7
FINANCIAL RECORDS PROCESSING OCCUPATIONS	71	71	-	-	-	-	-	-	12	-	39	20
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	21	5	16	16	-	-	-	-	-	5	7	9
SERVICE OCCUPATIONS	3 067	2 891	90	18	46	26	64	22	224	332	950	1 451
PRIVATE HOUSEHOLD OCCUPATIONS	30	19	-	-	-	-	11	-	-	-	14	16
PROTECTIVE SERVICE OCCUPATIONS	87	57	30	-	15	15	-	-	14	24	34	15
POLICE AND FIREFIGHTERS	30	-	30	-	15	15	-	-	-	-	15	15
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	2 950	2 815	60	18	31	11	53	22	210	308	902	1 420
FOOD SERVICE OCCUPATIONS	2 573	2 497	7	7	-	-	47	22	157	224	757	1 363
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	212	171	35	11	13	11	6	-	28	43	80	39
FARMING, FORESTRY, AND FISHING OCCUPATIONS	35	20	-	-	-	-	15	-	-	-	27	-
FARM OPERATORS AND MANAGERS	7	-	-	-	-	-	7	-	-	-	7	-
FARM WORKERS AND RELATED OCCUPATIONS	28	20	-	-	-	-	8	-	-	-	20	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	634	567	21	10	6	5	35	11	25	48	321	227
MECHANICS AND REPAIRERS	185	169	6	6	-	-	10	-	5	12	81	87
CONSTRUCTION TRADES	96	74	11	-	6	5	11	-	4	5	69	13
PRECISION PRODUCTION OCCUPATIONS	353	324	4	4	-	-	14	11	16	31	171	127
OPERATORS, FABRICATORS, AND LABORERS	909	861	20	20	-	-	20	8	34	88	475	270
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	400	365	9	9	-	-	18	8	5	17	215	159
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	214	201	11	11	-	-	2	-	-	16	113	74
TRANSPORTATION OCCUPATIONS	124	124	-	-	-	-	-	-	7	15	95	7
MOTOR VEHICLE OPERATORS	124	124	-	-	-	-	-	-	7	15	95	7
MATERIAL MOVING EQUIPMENT OPERATORS	12	12	-	-	-	-	-	-	-	-	6	6
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	159	159	-	-	-	-	-	-	22	40	46	24
CONSTRUCTION LABORERS	17	17	-	-	-	-	-	-	-	8	3	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	51	51	-	-	-	-	-	-	10	22	12	7

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

MASSACHUSETTS	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
ASIAN AND PACIFIC ISLANDER												
FEMALES 16 YEARS AND OVER	10 729	9 001	1 418	296	576	546	270	40	1 030	2 311	5 587	1 388
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	2 816	1 963	705	89	295	321	148	-	198	414	1 655	421
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	919	679	207	27	102	78	33	-	39	55	641	147
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	42	-	42	-	18	24	-	-	-	-	42	-
MANAGEMENT RELATED OCCUPATIONS	364	297	66	7	48	11	1	-	12	10	287	36
PROFESSIONAL SPECIALTY OCCUPATIONS	1 897	1 284	498	62	193	243	115	-	159	359	1 014	274
ENGINEERS AND NATURAL SCIENTISTS	247	207	28	-	15	13	12	-	5	25	195	16
ENGINEERS	40	35	-	-	-	-	5	-	5	6	29	-
HEALTH DIAGNOSING OCCUPATIONS	315	198	77	20	39	18	40	-	-	35	117	146
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	453	397	50	19	10	21	6	-	28	62	316	34
TEACHERS, LIBRARIANS, AND COUNSELORS	624	325	280	13	82	185	19	-	110	183	223	60
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	235	73	162	13	21	128	-	-	16	73	79	33
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	3 469	2 888	498	158	210	130	56	27	404	831	1 735	396
HEALTH TECHNOLOGISTS AND TECHNICIANS	271	203	68	18	29	21	-	-	-	87	120	48
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	395	333	55	22	26	7	7	-	20	69	224	77
SALES OCCUPATIONS	716	638	21	14	-	7	36	21	109	282	220	84
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	47	19	-	-	-	-	22	6	-	3	26	18
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	118	109	-	-	-	-	9	-	-	44	68	6
OTHER SALES OCCUPATIONS	551	510	21	14	-	7	5	15	109	235	126	60
CASHIERS	318	294	14	14	-	-	-	10	92	143	30	40
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	2 087	1 714	354	104	155	95	13	6	275	393	1 171	187
COMPUTER EQUIPMENT OPERATORS	70	70	-	-	-	-	-	-	-	11	51	-
SECRETARIES, STENOGRAPHERS, AND TYPISTS	513	419	87	15	46	26	7	-	32	96	295	64
FINANCIAL RECORDS PROCESSING OCCUPATIONS	280	258	16	-	13	3	6	-	16	42	179	34
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	26	13	13	-	-	13	-	-	13	7	6	-
SERVICE OCCUPATIONS	1 434	1 180	203	42	71	90	44	7	227	482	430	189
PRIVATE HOUSEHOLD OCCUPATIONS	85	85	-	-	-	-	-	-	30	23	13	11
PROTECTIVE SERVICE OCCUPATIONS	14	9	5	-	-	5	-	-	-	9	-	5
POLICE AND FIREFIGHTERS	-	-	-	-	-	-	-	-	-	-	-	-
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	1 335	1 086	198	42	71	85	44	7	197	450	417	173
FOOD SERVICE OCCUPATIONS	661	585	42	5	13	24	27	7	139	246	155	101
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	56	44	12	-	12	-	-	-	4	14	33	5
FARMING, FORESTRY, AND FISHING OCCUPATIONS	4	4	-	-	-	-	-	-	-	-	4	-
FARM OPERATORS AND MANAGERS	-	-	-	-	-	-	-	-	-	-	-	-
FARM WORKERS AND RELATED OCCUPATIONS	4	4	-	-	-	-	-	-	-	-	4	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	362	333	7	7	-	-	16	6	29	57	192	68
MECHANICS AND REPAIRERS	20	20	-	-	-	-	-	-	-	7	13	-
CONSTRUCTION TRADES	13	6	7	7	-	-	-	-	-	-	7	6
PRECISION PRODUCTION OCCUPATIONS	329	307	-	-	-	-	16	6	29	50	172	62
OPERATORS, FABRICATORS, AND LABORERS	2 644	2 633	5	-	-	5	6	-	172	527	1 571	314
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	1 819	1 813	-	-	-	-	6	-	167	397	997	203
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	647	647	-	-	-	-	-	-	-	89	476	77
TRANSPORTATION OCCUPATIONS	11	6	5	-	-	5	-	-	-	-	11	-
MOTOR VEHICLE OPERATORS	11	6	5	-	-	5	-	-	-	-	11	-
MATERIAL MOVING EQUIPMENT OPERATORS	13	13	-	-	-	-	-	-	-	-	13	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	154	154	-	-	-	-	-	-	5	41	74	34
CONSTRUCTION LABORERS	-	-	-	-	-	-	-	-	-	-	-	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	34	34	-	-	-	-	-	-	-	17	17	-

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

MASSACHUSETTS

	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS				SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
			TOTAL	FEDERAL	STATE	LOCAL						
SPANISH ORIGIN												
MALES 16 YEARS AND OVER	25 376	21 361	3 344	884	1 026	1 434	660	11	1 169	2 687	14 980	5 565
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	4 028	2 608	1 149	194	431	524	271	-	190	398	2 046	1 274
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	1 464	1 145	251	67	85	99	68	-	37	83	712	594
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	96	-	96	46	11	39	-	-	-	7	42	47
MANAGEMENT RELATED OCCUPATIONS	365	281	78	15	36	27	6	-	7	7	179	155
PROFESSIONAL SPECIALTY OCCUPATIONS	2 564	1 463	898	127	346	425	203	-	153	315	1 334	680
ENGINEERS AND NATURAL SCIENTISTS	641	548	85	36	30	19	8	-	17	11	432	165
ENGINEERS	476	396	74	36	30	8	6	-	10	-	315	135
HEALTH DIAGNOSING OCCUPATIONS	250	141	30	12	18	-	79	-	8	13	73	150
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	76	25	51	13	21	17	-	-	10	14	52	-
TEACHERS, LIBRARIANS, AND COUNSELORS	734	267	445	18	139	288	22	-	71	202	273	153
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	305	12	293	-	24	269	-	-	17	72	137	72
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	3 670	3 037	530	307	153	70	103	-	347	527	1 860	850
HEALTH TECHNOLOGISTS AND TECHNICIANS	103	87	16	-	-	16	-	-	12	8	68	15
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	643	572	71	55	16	-	-	-	58	57	338	168
SALES OCCUPATIONS	1 006	894	24	10	7	7	88	-	127	195	353	309
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	221	153	-	-	-	-	68	-	10	6	42	163
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	206	184	7	-	-	7	15	-	14	-	135	53
OTHER SALES OCCUPATIONS	579	557	17	10	7	-	5	-	103	189	176	93
CASHIERS	138	128	10	10	-	-	-	-	15	69	33	19
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	1 918	1 484	419	242	130	47	15	-	150	267	1 101	358
COMPUTER EQUIPMENT OPERATORS	125	125	-	-	-	-	-	-	-	15	64	46
SECRETARIES, STENOGRAPHERS, AND TYPISTS	64	39	25	-	25	-	-	-	20	7	29	-
FINANCIAL RECORDS PROCESSING OCCUPATIONS	117	91	26	10	16	-	-	-	16	11	77	7
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	178	42	136	136	-	-	-	-	14	14	150	-
SERVICE OCCUPATIONS	3 548	2 735	768	139	213	416	34	11	313	644	1 928	540
PRIVATE HOUSEHOLD OCCUPATIONS	27	27	-	-	-	-	-	-	8	-	19	-
PROTECTIVE SERVICE OCCUPATIONS	573	267	306	15	82	209	-	-	4	40	389	127
POLICE AND FIREFIGHTERS	172	6	166	5	11	150	-	-	-	-	108	64
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	2 948	2 441	462	124	131	207	34	11	301	604	1 520	413
FOOD SERVICE OCCUPATIONS	1 112	1 039	62	8	44	10	-	11	118	239	534	186
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	1 323	996	322	103	68	151	5	-	103	282	739	161
FARMING, FORESTRY, AND FISHING OCCUPATIONS	459	369	80	12	10	58	10	-	38	135	174	81
FARM OPERATORS AND MANAGERS	37	27	-	-	-	-	10	-	17	9	-	7
FARM WORKERS AND RELATED OCCUPATIONS	362	282	80	12	10	58	-	-	16	118	153	48
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	3 813	3 435	173	71	33	69	205	-	44	205	2 439	945
MECHANICS AND REPAIRERS	1 221	1 095	73	45	4	24	53	-	7	38	780	329
CONSTRUCTION TRADES	870	690	79	17	29	33	101	-	20	70	552	164
PRECISION PRODUCTION OCCUPATIONS	1 718	1 646	21	9	-	12	51	-	17	97	1 107	452
OPERATORS, FABRICATORS, AND LABORERS	9 858	9 177	644	161	186	297	37	-	237	778	6 533	1 875
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	5 150	4 979	171	44	44	83	-	-	85	218	3 560	1 082
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	1 722	1 633	71	39	15	17	18	-	27	161	1 214	291
TRANSPORTATION OCCUPATIONS	869	680	184	33	65	86	5	-	27	83	549	177
MOTOR VEHICLE OPERATORS	802	645	152	27	46	79	5	-	27	83	517	148
MATERIAL MOVING EQUIPMENT OPERATORS	360	338	16	-	16	-	6	-	13	38	204	79
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	1 757	1 547	202	45	46	111	8	-	85	278	1 006	246
CONSTRUCTION LABORERS	172	120	52	16	18	18	-	-	5	47	91	11
FREIGHT, STOCK, AND MATERIAL HANDLERS	516	455	61	18	-	43	-	-	56	72	242	108

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

MASSACHUSETTS

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS				SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
	TOTAL		TOTAL	FEDERAL	STATE	LOCAL						
SPANISH ORIGIN												
FEMALES 16 YEARS AND OVER	19 606	15 219	4 096	740	1 110	2 246	256	35	1 609	4 246	11 198	1 682
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	3 235	1 676	1 473	189	466	818	83	3	275	701	1 745	384
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	864	599	250	95	88	67	12	3	38	105	519	158
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	71	-	71	18	28	25	-	-	5	10	48	8
MANAGEMENT RELATED OCCUPATIONS	254	158	93	51	30	12	-	3	11	27	182	30
PROFESSIONAL SPECIALTY OCCUPATIONS	2 371	1 077	1 223	94	378	751	71	-	237	596	1 226	226
ENGINEERS AND NATURAL SCIENTISTS	124	117	7	-	7	-	-	-	-	11	98	15
ENGINEERS	27	27	-	-	-	-	-	-	-	-	27	-
HEALTH DIAGNOSING OCCUPATIONS	46	9	5	-	5	-	32	-	8	6	24	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	394	277	108	38	14	56	9	-	17	122	195	19
TEACHERS, LIBRARIANS, AND COUNSELORS	1 286	414	860	34	194	632	12	-	190	359	600	111
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	842	175	667	7	65	595	-	-	74	269	429	63
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	6 019	4 481	1 451	340	430	681	61	26	618	1 285	3 363	482
HEALTH TECHNOLOGISTS AND TECHNICIANS	221	162	59	-	54	5	-	-	-	41	156	16
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	206	194	12	-	8	4	-	-	13	29	143	15
SALES OCCUPATIONS	1 050	939	40	-	21	19	57	14	164	428	350	89
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	77	49	-	-	-	-	28	-	-	-	50	27
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	149	126	5	-	-	5	18	-	9	34	89	17
OTHER SALES OCCUPATIONS	824	764	35	-	21	14	11	14	155	394	211	45
CASHIERS	396	355	35	-	21	14	-	6	76	189	110	13
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	4 542	3 186	1 340	340	347	653	4	12	441	787	2 714	362
COMPUTER EQUIPMENT OPERATORS	32	32	-	-	-	-	-	-	-	-	32	-
SECRETARIES, STENOGRAPHERS, AND TYPISTS	1 396	961	435	80	148	207	-	-	138	226	881	88
FINANCIAL RECORDS PROCESSING OCCUPATIONS	418	345	61	38	13	10	-	12	24	42	278	55
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	55	50	5	-	5	-	-	-	14	7	29	-
SERVICE OCCUPATIONS	3 589	2 539	983	153	201	629	61	6	441	1 295	1 494	207
PRIVATE HOUSEHOLD OCCUPATIONS	221	221	-	-	-	-	-	-	50	69	73	17
PROTECTIVE SERVICE OCCUPATIONS	174	83	91	-	22	69	-	-	53	44	70	7
POLICE AND FIREFIGHTERS	49	-	49	-	11	38	-	-	-	11	31	7
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	3 194	2 235	892	153	179	560	61	6	338	1 182	1 351	183
FOOD SERVICE OCCUPATIONS	791	616	161	40	-	121	14	-	184	267	246	47
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	601	528	66	9	37	20	7	-	53	215	288	15
FARMING, FORESTRY, AND FISHING OCCUPATIONS	79	79	-	-	-	-	-	-	17	7	36	8
FARM OPERATORS AND MANAGERS	8	8	-	-	-	-	-	-	-	-	-	8
FARM WORKERS AND RELATED OCCUPATIONS	71	71	-	-	-	-	-	-	17	7	36	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	857	802	21	8	-	13	34	-	28	97	581	114
MECHANICS AND REPAIRERS	45	45	-	-	-	-	-	-	-	-	29	16
CONSTRUCTION TRADES	31	16	15	8	-	7	-	-	-	-	24	7
PRECISION PRODUCTION OCCUPATIONS	781	741	6	-	-	6	34	-	28	97	528	91
OPERATORS, FABRICATORS, AND LABORERS	5 827	5 642	168	50	13	105	17	-	230	861	3 979	487
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	3 297	3 209	85	31	-	54	3	-	145	512	2 215	250
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	1 663	1 598	59	3	5	51	6	-	50	185	1 194	159
TRANSPORTATION OCCUPATIONS	85	74	11	3	8	-	-	-	-	58	4	15
MOTOR VEHICLE OPERATORS	82	74	8	-	8	-	-	-	-	55	4	15
MATERIAL MOVING EQUIPMENT OPERATORS	80	80	-	-	-	-	-	-	-	2	50	21
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	702	681	13	13	-	-	8	-	35	104	516	42
CONSTRUCTION LABORERS	5	5	-	-	-	-	-	-	-	-	5	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	89	73	8	8	-	-	8	-	-	45	44	-

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

BOSTON, MA SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS: TOTAL	GOVERNMENT WORKERS: FEDERAL	GOVERNMENT WORKERS: STATE	GOVERNMENT WORKERS: LOCAL	SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
MALES 16 YEARS AND OVER	728 468	565 560	112 374	28 141	26 826	57 407	49 803	731	28 915	71 566	382 604	228 394
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	236 542	170 853	43 967	8 838	12 688	22 441	21 558	164	5 999	14 535	118 808	93 299
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	114 852	92 288	16 031	4 717	4 958	6 356	6 409	124	1 560	4 284	57 815	49 571
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	3 980	11	3 969	1 104	1 227	1 638	-	-	50	190	2 501	1 144
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	4 080	1 745	2 322	13	389	1 920	13	-	81	168	1 894	1 890
MANAGERS, MEDICINE AND HEALTH	1 336	1 046	255	99	85	71	35	-	11	58	730	505
OTHER SPECIFIED MANAGERS	20 938	19 276	927	401	277	249	711	24	156	511	10 147	9 901
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	50 792	48 452	2 340	661	722	957	-	-	766	1 702	23 039	24 537
MANUFACTURING	15 154	15 126	28	20	-	8	-	-	52	241	7 432	7 266
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	3 422	3 154	268	70	126	72	-	-	24	67	1 876	1 406
WHOLESALE AND RETAIL TRADE	12 199	12 182	17	-	-	17	-	-	127	493	4 175	7 243
ALL OTHER INDUSTRIES	20 017	17 990	2 027	571	596	860	-	-	563	901	9 556	8 622
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	3 387	-	-	-	-	-	3 295	92	75	278	1 097	1 865
CONSTRUCTION	626	-	-	-	-	-	619	7	17	74	275	223
MANUFACTURING	407	-	-	-	-	-	394	13	17	26	143	221
WHOLESALE AND RETAIL TRADE	1 162	-	-	-	-	-	1 117	45	15	86	262	787
ALL OTHER INDUSTRIES	1 192	-	-	-	-	-	1 165	27	26	92	417	634
MANAGEMENT RELATED OCCUPATIONS	30 339	21 758	6 218	2 439	2 258	1 521	2 355	8	421	1 377	18 407	9 729
ACCOUNTANTS AND AUDITORS	13 292	9 760	2 136	877	975	284	1 396	-	188	474	8 287	4 209
BUYERS AND PURCHASING AGENTS	4 034	3 698	160	97	26	37	168	8	35	186	2 264	1 478
PROFESSIONAL SPECIALTY OCCUPATIONS	121 690	78 565	27 936	4 121	7 730	16 085	15 149	40	4 439	10 251	60 993	43 728
ENGINEERS, ARCHITECTS, AND SURVEYORS	30 287	26 397	2 658	1 077	970	611	1 232	-	196	781	20 207	8 635
ARCHITECTS	2 381	1 695	111	44	41	26	575	-	21	68	1 168	1 093
ENGINEERS	27 754	24 621	2 484	1 025	922	537	649	-	175	699	18 929	7 520
ELECTRICAL AND ELECTRONIC ENGINEERS	8 161	7 666	344	238	39	67	151	-	67	204	5 633	2 170
MECHANICAL ENGINEERS	4 130	3 943	123	82	28	13	64	-	-	81	2 801	1 174
OTHER ENGINEERS	15 463	13 012	2 017	705	855	457	434	-	108	414	10 495	4 176
SURVEYORS AND MAPPING SCIENTISTS	152	81	63	8	7	48	8	-	-	14	110	22
MATHEMATICAL AND COMPUTER SCIENTISTS	6 003	5 422	497	287	130	80	84	-	91	197	4 146	1 512
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	4 185	3 932	186	84	61	41	67	-	71	136	2 873	1 078
NATURAL SCIENTISTS	4 328	3 297	915	651	185	79	116	-	102	153	2 638	1 411
HEALTH DIAGNOSING OCCUPATIONS	12 083	6 860	1 156	506	374	276	4 067	-	203	793	2 467	8 388
PHYSICIANS	8 933	5 923	1 021	448	342	231	1 989	-	86	366	1 213	7 069
DENTISTS	2 065	673	106	39	28	39	1 286	-	89	262	796	892
OTHER HEALTH DIAGNOSING PRACTITIONERS	1 085	264	29	19	4	6	792	-	28	165	458	427
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	3 991	3 181	644	178	334	132	158	8	146	449	1 799	1 501
REGISTERED NURSES	831	638	173	68	105	-	20	-	21	127	394	268
PHARMACISTS	1 919	1 744	91	48	33	10	76	8	101	235	623	915
THERAPISTS	975	633	305	36	181	88	37	-	18	70	665	202
TEACHERS, LIBRARIANS, AND COUNSELORS	30 196	13 254	16 353	238	2 403	13 712	589	-	2 025	4 508	13 773	9 144
TEACHERS, POSTSECONDARY	9 851	8 084	1 767	38	1 663	66	-	-	1 009	1 641	3 125	3 720
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	9 092	1 191	7 901	28	287	7 586	-	-	370	1 288	4 972	2 329
TEACHERS, SECONDARY	6 018	1 047	4 971	8	87	4 876	-	-	156	634	3 077	2 010
SOCIAL SCIENTISTS AND URBAN PLANNERS	3 624	2 376	1 002	261	424	317	246	-	62	230	1 945	1 365
SOCIAL AND RECREATION WORKERS	3 421	1 184	2 134	187	1 585	362	95	8	134	211	2 281	674
RELIGIOUS WORKERS	2 300	1 950	42	8	29	5	308	-	148	184	620	1 323
LAWYERS AND JUDGES	10 468	3 906	1 778	444	1 098	236	4 784	-	250	676	3 938	5 393
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	14 989	10 738	757	284	198	275	3 470	24	1 082	2 069	7 179	4 382
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	165 264	134 352	21 192	12 934	4 342	3 916	9 585	135	7 430	16 676	88 896	48 816
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	30 192	26 432	3 317	1 418	847	1 052	431	12	1 145	2 016	18 397	8 047
HEALTH TECHNOLOGISTS AND TECHNICIANS	3 167	2 489	665	185	173	307	13	-	130	361	1 633	1 008
LICENSED PRACTICAL NURSES	226	151	69	-	64	5	6	-	7	36	111	72
ENGINEERING AND SCIENCE TECHNICIANS	14 346	13 287	947	509	187	251	112	-	445	570	9 360	3 667
ELECTRICAL AND ELECTRONIC TECHNICIANS	4 509	4 288	208	164	31	13	13	-	76	105	2 995	1 237
DRAFTING AND SURVEYING TECHNICIANS	4 749	4 342	335	118	45	172	72	-	88	190	3 284	1 119
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	12 679	10 656	1 705	724	487	494	306	12	570	1 085	7 404	3 372
AIRPLANE PILOTS AND NAVIGATORS	371	360	11	11	-	-	-	-	17	135	94	125
COMPUTER PROGRAMMERS	5 429	5 034	291	130	74	87	104	-	198	334	3 591	1 203
SALES OCCUPATIONS	67 057	57 775	610	82	402	126	8 600	72	3 155	7 484	28 442	26 737
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	13 413	10 584	46	-	28	18	2 776	7	170	552	4 343	8 134
SELF-EMPLOYED	2 783	-	-	-	-	-	2 776	7	64	163	630	1 854
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	15 935	13 099	105	25	26	54	2 731	-	365	1 004	8 044	6 223
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	16 014	14 395	20	-	7	13	1 599	-	204	731	8 308	6 590
SALES WORKERS, RETAIL AND PERSONAL SERVICES	21 583	19 608	439	57	341	41	1 471	65	2 406	5 197	7 665	5 770
CASHIERS	4 452	4 044	385	42	302	41	23	-	651	1 924	1 309	459
SALES RELATED OCCUPATIONS	112	89	-	-	-	-	23	-	10	-	82	20

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

BOSTON, MA SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	68 015	50 145	17 265	11 434	3 093	2 738	554	51	3 130	7 176	42 057	14 032
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	9 888	7 480	2 376	1 203	702	471	32	-	68	280	6 444	2 925
COMPUTER EQUIPMENT OPERATORS	3 313	2 932	368	65	140	163	13	-	110	202	2 232	731
SECRETARIES, STENOGRAPHERS, AND TYPISTS	1 322	961	336	60	173	103	25	-	138	229	714	216
SECRETARIES	766	586	180	39	114	27	-	-	59	97	496	95
RECEPTIONISTS	478	361	117	50	29	38	-	-	102	139	137	32
FILE CLERKS	977	752	206	102	41	63	13	6	181	208	430	129
FINANCIAL RECORDS PROCESSING OCCUPATIONS	3 902	3 165	585	182	217	186	113	39	182	515	2 518	594
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	2 922	2 410	379	107	158	114	99	34	165	362	1 882	434
TELEPHONE OPERATORS	391	326	65	26	39	-	-	-	36	102	212	41
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	10 914	2 699	8 153	7 890	180	83	56	6	278	778	7 235	2 308
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	13 337	12 642	644	301	180	163	51	-	461	1 577	8 183	2 807
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	1 212	1 131	20	6	8	6	61	-	25	30	865	271
BANK TELLERS	1 094	1 060	27	27	-	-	7	-	68	181	691	147
DATA-ENTRY KEYERS	509	439	70	56	8	6	-	-	6	52	303	141
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	20 678	16 197	4 298	1 466	1 376	1 456	183	-	1 475	2 883	12 093	3 690
SERVICE OCCUPATIONS	87 004	56 526	28 014	2 338	4 918	20 758	2 337	127	8 179	16 634	38 233	21 537
PRIVATE HOUSEHOLD OCCUPATIONS	392	381	-	-	-	-	11	-	109	66	159	50
PROTECTIVE SERVICE OCCUPATIONS	25 258	7 585	17 569	737	2 446	14 386	98	6	885	1 962	10 883	10 884
FIREFIGHTING OCCUPATIONS	6 177	26	6 151	129	95	5 927	-	-	21	17	1 135	4 881
POLICE AND DETECTIVES, PUBLIC SERVICE	6 880	-	6 880	211	1 043	5 626	-	-	30	108	3 820	2 758
GUARDS	8 847	7 213	1 530	310	511	709	98	6	786	1 769	4 120	1 900
OTHER PROTECTIVE SERVICE OCCUPATIONS	3 354	346	3 008	87	797	2 124	-	-	48	68	1 808	1 345
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	61 354	48 560	10 445	1 601	2 472	6 372	2 228	121	7 185	14 606	27 191	10 603
FOOD PREPARATION AND SERVICE OCCUPATIONS	26 542	25 244	763	109	356	298	427	108	4 126	7 869	8 639	5 059
WAITERS AND FOOD COUNTER WORKERS	3 982	3 906	8	-	-	8	49	19	577	1 553	1 132	555
COOKS	8 821	8 190	315	25	150	140	275	41	873	2 039	3 285	2 369
HEALTH SERVICE OCCUPATIONS	3 877	2 418	1 459	309	716	434	-	-	265	780	2 366	407
NURSING AIDES, ORDERLIES, AND ATTENDANTS	2 899	1 681	1 218	273	678	267	-	-	144	448	1 916	347
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	25 169	16 904	7 708	1 076	1 227	5 405	551	6	2 145	4 754	13 881	3 675
PERSONAL SERVICE OCCUPATIONS	5 766	3 994	515	107	173	235	1 250	7	649	1 203	2 305	1 462
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	2 621	1 401	15	-	9	6	1 205	-	73	288	1 195	1 019
FARMING, FORESTRY, AND FISHING OCCUPATIONS	5 749	3 175	1 416	84	254	1 078	1 097	61	420	1 000	2 836	1 230
FARM OPERATORS AND MANAGERS	658	236	10	-	5	5	412	-	33	111	175	322
FARM OCCUPATIONS, EXCEPT MANAGERIAL	568	492	11	-	11	-	19	46	51	146	202	159
RELATED AGRICULTURAL OCCUPATIONS	3 760	2 112	1 319	79	221	1 019	314	15	299	621	2 098	530
FORESTRY AND FISHING OCCUPATIONS	763	335	76	5	17	54	352	-	37	122	361	219
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	118 899	98 598	7 880	1 757	1 955	4 168	12 290	131	1 945	7 337	70 552	36 019
MECHANICS AND REPAIRERS	36 656	31 281	2 467	748	576	1 143	2 873	35	598	1 649	20 893	12 708
AUTOMOBILE MECHANICS, INCLUDING BODY	11 562	9 549	541	168	92	281	1 451	21	168	664	5 899	4 549
AIRCRAFT MECHANICS	776	728	35	35	-	-	13	-	9	12	588	167
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	2 108	1 764	86	56	30	-	250	8	35	92	1 255	686
OTHER MECHANICS AND REPAIRERS	22 210	19 240	1 805	489	454	862	1 159	6	386	881	13 151	7 306
CONSTRUCTION TRADES	40 715	29 101	3 659	592	888	2 179	7 911	44	782	3 736	26 174	8 633
CARPENTERS	11 146	7 192	717	154	189	374	3 212	25	237	1 432	7 035	2 052
ELECTRICIANS	6 081	5 008	549	119	154	276	518	6	69	287	4 003	1 544
PAINTERS, CONSTRUCTION AND MAINTENANCE	4 049	2 588	407	61	176	170	1 041	13	193	592	2 550	573
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	5 097	3 904	491	103	81	307	702	-	33	252	3 545	1 107
OTHER CONSTRUCTION TRADES	14 342	10 409	1 495	155	288	1 052	2 438	-	250	1 173	9 041	3 357
EXTRACTIVE OCCUPATIONS	165	158	7	-	-	7	-	-	-	13	106	46
PRECISION PRODUCTION OCCUPATIONS	41 363	38 058	1 747	417	491	839	1 506	52	565	1 939	23 379	14 632
SUPERVISORS, PRODUCTION OCCUPATIONS	15 924	15 144	588	98	121	369	181	11	91	491	8 714	6 387
MANUFACTURING	11 043	10 948	48	38	4	6	47	-	47	201	6 021	4 605
PRECISION METALWORKING OCCUPATIONS	13 053	12 434	405	216	94	95	198	16	139	589	7 645	4 382
TOOL AND DIE MAKERS	1 148	1 125	6	-	-	6	17	-	5	51	589	468
MACHINISTS	8 812	8 486	262	169	42	51	64	-	80	406	5 126	3 030
SHEET METAL WORKERS	1 685	1 578	84	19	52	13	7	16	22	87	1 076	440
OTHER PRECISION METAL WORKERS	1 408	1 245	53	28	-	25	110	-	32	45	854	444
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	1 598	1 124	12	-	12	-	456	6	81	161	813	505
PLANT AND SYSTEM OPERATORS	2 043	1 422	586	53	214	319	35	-	18	52	1 338	591
OTHER PRECISION PRODUCTION OCCUPATIONS	8 745	7 934	156	50	50	56	636	19	236	646	4 869	2 767

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

BOSTON, MA SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
			GOVERNMENT WORKERS									
	TOTAL	PRIV. WAGE AND SALARY WORKERS	TOTAL	FEDERAL	STATE	LOCAL	SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	115 010	102 056	9 905	2 190	2 669	5 046	2 936	113	4 942	15 384	63 279	27 493
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	48 504	45 461	1 954	564	673	717	1 067	22	1 078	3 597	30 259	12 188
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	31 365	29 327	1 303	313	490	500	713	22	643	2 225	19 420	8 127
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	3 980	3 808	104	61	36	7	68	-	20	261	2 162	1 394
PRINTING MACHINE OPERATORS	5 514	5 131	240	43	123	74	135	8	97	403	3 339	1 589
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	2 948	2 519	190	13	82	95	239	-	108	400	1 878	477
TEXTILE MACHINE OPERATORS	493	488	-	-	-	-	5	-	7	20	315	116
TEXTILE SEWING MACHINE OPERATORS	320	300	7	7	-	-	13	-	23	48	183	62
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	1 015	643	169	-	74	95	203	-	48	178	561	202
OTHER SPECIFIED MACHINE OPERATORS	8 495	7 869	417	99	149	169	195	14	214	564	5 310	2 114
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	10 428	10 000	352	97	100	155	76	-	204	597	6 731	2 553
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	2 777	2 654	92	45	14	33	31	-	48	198	1 604	818
MACHINE OPERATORS, NOT SPECIFIED	7 651	7 346	260	52	86	122	45	-	156	399	5 127	1 735
INDUSTRY:												
MANUFACTURING	8 989	8 826	118	52	32	34	45	-	155	466	5 810	2 281
NONDURABLE GOODS	3 334	3 273	50	14	13	23	11	-	59	229	2 148	784
FOOD AND KINDRED PRODUCTS	622	622	-	-	-	-	-	-	5	60	341	189
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	257	257	-	-	-	-	-	-	18	26	158	48
PAPER AND ALLIED PRODUCTS	756	756	-	-	-	-	-	-	-	40	443	237
OTHER NONDURABLE GOODS	1 699	1 638	50	14	13	23	11	-	36	103	1 206	310
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	5 655	5 553	68	38	19	11	34	-	96	237	3 662	1 497
METAL INDUSTRIES	1 149	1 132	11	-	5	6	6	-	29	68	717	270
MACHINERY, INCLUDING ELECTRICAL	1 989	1 956	24	19	-	5	9	-	31	80	1 236	600
TRANSPORTATION EQUIPMENT	685	658	27	19	8	-	-	-	9	35	405	217
OTHER DURABLE GOODS	1 832	1 807	6	-	6	-	19	-	27	54	1 304	410
NONMANUFACTURING INDUSTRIES	1 439	1 174	234	45	68	121	31	-	49	131	921	272
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	342	242	100	22	29	49	-	-	-	-	274	53
WHOLESALE AND RETAIL TRADE	438	422	-	-	-	-	16	-	9	26	272	108
ALL OTHER INDUSTRIES	659	510	134	23	39	72	15	-	40	105	375	111
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	12 602	11 855	406	138	113	155	341	-	366	1 065	7 925	2 888
WELDERS AND CUTTERS	3 785	3 503	170	59	29	82	112	-	88	225	2 409	959
ASSEMBLERS	7 946	7 697	145	59	51	35	104	-	222	719	5 045	1 733
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	871	655	91	20	33	38	125	-	56	121	471	196
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	4 537	4 279	245	113	70	62	13	-	69	307	2 914	1 173
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	33 732	28 007	4 201	448	1 383	2 370	1 499	25	907	3 486	17 373	10 644
MOTOR VEHICLE OPERATORS	27 047	22 645	2 986	261	1 088	1 637	1 403	13	777	3 127	13 175	8 965
TRUCK DRIVERS AND DRIVER-SALES WORKERS	19 691	17 295	1 416	175	295	946	973	7	452	1 640	9 818	7 090
BUS DRIVERS	2 942	1 665	1 258	38	704	516	19	-	85	518	1 697	510
RAIL AND WATER TRANSPORTATION OCCUPATIONS	1 570	1 077	482	133	211	138	11	-	24	45	852	504
MATERIAL MOVING EQUIPMENT OPERATORS	5 115	4 285	733	54	84	595	85	12	106	314	3 346	1 175
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	399	233	125	7	-	118	41	-	19	29	272	73
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	32 774	28 588	3 750	1 178	613	1 959	370	66	2 957	8 301	15 647	4 661
CONSTRUCTION LABORERS	4 642	3 695	921	81	142	698	-	26	113	596	3 044	609
FREIGHT, STOCK, AND MATERIAL HANDLERS	12 214	10 898	1 190	757	65	368	112	14	1 628	4 526	4 335	1 309
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	2 864	2 725	72	19	22	31	53	14	402	1 085	835	482
HAND PACKERS AND PACKAGERS	2 448	2 409	33	5	28	-	6	-	77	439	1 472	389
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	3 141	2 787	298	93	102	103	44	12	316	604	1 564	564
LABORERS, EXCEPT CONSTRUCTION	7 465	6 074	1 236	223	254	759	155	-	421	1 051	4 397	1 308
MANUFACTURING	2 200	2 192	8	-	-	8	-	-	103	254	1 293	460
NONDURABLE GOODS	1 160	1 160	-	-	-	-	-	-	48	127	693	251
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	1 040	1 032	8	-	-	8	-	-	55	127	600	209
METAL INDUSTRIES	252	252	-	-	-	-	-	-	21	22	151	50
NONMANUFACTURING INDUSTRIES	5 265	3 882	1 228	223	254	751	155	-	318	797	3 104	848
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	1 148	637	497	56	81	360	14	-	52	113	772	187
WHOLESALE AND RETAIL TRADE	2 599	2 519	5	-	-	5	75	-	139	458	1 412	516
ALL OTHER INDUSTRIES	1 518	726	726	167	173	386	66	-	127	226	920	145

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

BOSTON, MA SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
FEMALES 16 YEARS AND OVER	607 752	480 890	109 782	16 028	27 567	66 187	14 857	2 223	55 317	161 342	313 991	60 126
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	164 476	104 415	52 418	4 880	10 489	37 049	7 211	432	10 941	34 122	88 155	27 023
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	51 441	41 613	8 238	1 982	2 944	3 312	1 355	235	1 505	5 965	32 297	10 747
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	2 043	7	2 036	413	830	793	-	-	40	238	1 421	320
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	3 683	2 450	1 218	17	333	868	6	9	118	519	2 085	911
MANAGERS, MEDICINE AND HEALTH	1 576	1 305	236	41	116	79	29	6	31	153	977	358
OTHER SPECIFIED MANAGERS	7 066	6 491	365	131	127	107	186	24	120	569	4 398	1 861
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	19 965	18 290	1 675	268	475	932	-	-	782	2 606	11 837	4 385
MANUFACTURING	2 881	2 868	13	6	-	7	-	-	47	263	1 850	653
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	1 275	1 218	57	12	21	24	-	-	-	69	979	197
WHOLESALE AND RETAIL TRADE	4 061	4 055	6	-	-	6	-	-	156	622	2 139	1 098
ALL OTHER INDUSTRIES	11 748	10 149	1 599	250	454	895	-	-	579	1 652	6 869	2 437
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	834	-	-	-	-	-	668	166	72	263	241	240
CONSTRUCTION	26	-	-	-	-	-	12	14	-	14	6	-
MANUFACTURING	102	-	-	-	-	-	90	12	11	48	30	13
WHOLESALE AND RETAIL TRADE	309	-	-	-	-	-	256	53	27	92	75	110
ALL OTHER INDUSTRIES	397	-	-	-	-	-	310	87	34	109	130	117
MANAGEMENT RELATED OCCUPATIONS	16 274	13 070	2 708	1 112	1 063	533	466	30	342	1 617	11 338	2 672
ACCOUNTANTS AND AUDITORS	5 262	4 178	875	487	254	134	191	18	112	506	3 664	874
BUYERS AND PURCHASING AGENTS	2 468	2 281	135	70	36	29	45	7	53	209	1 677	494
PROFESSIONAL SPECIALTY OCCUPATIONS	113 035	62 802	44 180	2 898	7 545	33 737	5 856	197	9 436	28 157	55 858	16 276
ENGINEERS, ARCHITECTS, AND SURVEYORS	1 577	1 358	118	61	41	16	89	12	76	127	1 043	304
ARCHITECTS	400	279	37	13	24	-	72	12	39	51	159	145
ENGINEERS	1 167	1 073	77	44	17	16	17	-	37	76	874	159
ELECTRICAL AND ELECTRONIC ENGINEERS	310	310	-	-	-	-	-	-	-	17	231	52
MECHANICAL ENGINEERS	100	100	-	-	-	-	-	-	-	12	75	6
OTHER ENGINEERS	757	663	77	44	17	16	17	-	37	47	568	101
SURVEYORS AND MAPPING SCIENTISTS	10	6	4	4	-	-	-	-	-	-	10	-
MATHEMATICAL AND COMPUTER SCIENTISTS	2 491	2 204	259	134	78	47	28	-	27	179	1 740	476
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	1 274	1 213	40	20	14	6	21	-	7	109	852	262
NATURAL SCIENTISTS	1 508	1 235	247	103	98	46	26	-	25	123	933	400
HEALTH DIAGNOSING OCCUPATIONS	2 226	1 477	379	142	126	111	356	14	92	314	565	1 210
PHYSICIANS	1 902	1 286	354	131	126	97	255	7	62	232	448	1 115
DENTISTS	164	90	20	6	-	14	47	7	15	23	90	36
OTHER HEALTH DIAGNOSING PRACTITIONERS	160	101	5	5	-	-	54	-	15	59	27	59
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	31 340	24 691	5 949	886	1 467	3 596	638	62	1 625	8 646	16 017	3 986
REGISTERED NURSES	25 782	20 982	4 360	653	941	2 766	405	35	1 266	7 496	12 843	3 236
PHARMACISTS	447	418	29	-	18	11	-	-	76	156	119	74
THERAPISTS	3 618	2 148	1 254	144	393	717	202	14	233	748	2 073	504
TEACHERS, LIBRARIANS, AND COUNSELORS	49 674	16 601	31 715	674	2 622	28 419	1 309	49	5 597	13 718	23 531	5 404
TEACHERS, POSTSECONDARY	5 710	4 311	1 399	55	1 220	124	-	-	1 127	1 480	1 868	991
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	26 356	5 870	20 376	234	673	19 469	104	6	1 818	7 914	13 186	2 638
TEACHERS, SECONDARY	7 561	1 400	6 161	66	192	5 903	-	-	708	1 788	3 868	985
SOCIAL SCIENTISTS AND URBAN PLANNERS	2 716	1 584	782	140	307	335	344	6	171	582	1 369	541
SOCIAL AND RECREATION WORKERS	7 221	3 548	3 551	414	2 235	902	118	4	367	1 523	4 141	1 024
RELIGIOUS WORKERS	760	653	7	-	7	-	100	-	86	225	237	175
LAWYERS AND JUDGES	2 128	1 080	611	210	316	85	437	-	118	307	846	802
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	11 394	8 371	562	134	248	180	2 411	50	1 252	2 413	5 436	1 954
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	291 837	246 787	39 591	9 551	12 578	17 462	4 075	1 384	24 841	75 646	161 633	22 623
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	22 371	19 041	2 972	607	1 084	1 281	297	61	1 422	4 994	12 498	2 790
HEALTH TECHNOLOGISTS AND TECHNICIANS	12 711	10 705	1 866	282	613	971	100	40	787	3 473	6 573	1 523
LICENSED PRACTICAL NURSES	4 843	3 753	988	93	413	482	81	21	232	1 721	2 213	464
ENGINEERING AND SCIENCE TECHNICIANS	3 301	2 991	298	140	112	46	6	6	295	423	2 019	398
ELECTRICAL AND ELECTRONIC TECHNICIANS	623	587	30	19	5	6	6	-	32	54	383	136
DRAFTING AND SURVEYING TECHNICIANS	696	632	58	27	19	12	-	6	33	79	453	84
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	6 359	5 345	808	185	359	264	191	15	340	1 098	3 906	869
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	2 695	2 508	138	30	90	18	49	-	73	332	1 911	327
SALES OCCUPATIONS	61 115	57 119	938	168	177	593	2 703	355	9 796	25 969	19 076	4 603
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	5 101	4 202	47	6	36	5	807	45	229	951	2 326	1 428
SELF-EMPLOYED	852	-	-	-	-	-	807	45	72	245	253	261
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	9 380	8 464	27	6	14	7	877	12	495	1 941	5 316	1 430
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	2 730	2 614	5	5	-	-	100	11	158	445	1 629	420
SALES WORKERS, RETAIL AND PERSONAL SERVICES	43 778	41 719	859	151	127	581	913	287	8 878	22 591	9 756	1 325
CASHIERS	17 090	16 234	717	101	112	504	89	50	3 756	9 625	2 818	374
SALES RELATED OCCUPATIONS	126	120	-	-	-	-	6	-	36	41	49	-

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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BOSTON, MA SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	208 351	170 627	35 681	8 776	11 317	15 588	1 075	968	13 623	44 683	130 059	15 230
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	9 435	7 648	1 738	506	802	430	22	27	166	772	6 933	1 354
COMPUTER EQUIPMENT OPERATORS	3 747	3 390	351	124	109	118	6	-	118	603	2 647	305
SECRETARIES, STENOGRAPHERS, AND TYPISTS	78 147	62 654	14 531	3 432	4 701	6 398	479	483	4 357	15 426	51 882	4 857
SECRETARIES	65 531	54 241	10 547	2 455	3 203	4 889	276	467	3 133	11 911	44 853	4 361
RECEPTIONISTS	6 156	5 396	713	163	249	301	20	27	718	1 748	3 233	315
FILE CLERKS	4 358	3 557	794	235	248	311	7	-	611	1 136	2 328	188
FINANCIAL RECORDS PROCESSING OCCUPATIONS	28 814	25 690	2 570	423	1 018	1 129	267	287	1 722	6 656	17 570	2 289
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	23 108	20 789	1 787	277	693	817	261	271	1 451	5 556	13 836	1 804
TELEPHONE OPERATORS	4 247	3 835	384	52	141	191	21	7	299	1 172	2 486	184
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	2 593	1 495	1 081	897	102	82	6	11	189	572	1 537	236
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	3 637	3 398	234	121	42	71	5	-	133	762	2 199	477
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	1 859	1 785	55	13	30	12	19	-	13	147	1 528	147
BANK TELLERS	5 992	5 766	219	166	31	22	7	-	449	1 347	3 631	409
DATA-ENTRY KEYERS	6 513	5 694	819	224	386	209	-	-	166	1 603	3 973	623
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	52 853	40 319	12 192	2 420	3 458	6 314	216	126	4 682	12 739	30 112	3 846
SERVICE OCCUPATIONS	91 755	73 431	15 902	1 289	3 907	10 706	2 162	260	16 315	38 197	29 043	4 740
PRIVATE HOUSEHOLD OCCUPATIONS	4 858	4 858	-	-	-	-	-	-	1 782	1 505	1 007	358
PROTECTIVE SERVICE OCCUPATIONS	3 203	1 113	2 090	94	343	1 653	-	-	862	1 177	868	211
FIREFIGHTING OCCUPATIONS	17	-	17	-	-	17	-	-	-	-	6	11
POLICE AND DETECTIVES, PUBLIC SERVICE	452	-	452	39	36	377	-	-	50	87	233	41
GUARDS	2 426	1 076	1 350	27	212	1 111	-	-	785	1 067	417	127
OTHER PROTECTIVE SERVICE OCCUPATIONS	308	37	271	28	95	148	-	-	27	23	212	32
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	83 694	67 460	13 812	1 195	3 564	9 053	2 162	260	13 671	35 515	27 168	4 171
FOOD PREPARATION AND SERVICE OCCUPATIONS	34 520	29 476	4 645	171	511	3 963	264	135	7 209	17 545	7 310	1 272
WAITERS AND FOOD COUNTER WORKERS	19 557	19 268	183	21	36	126	33	73	4 372	10 510	3 475	519
COOKS	4 289	2 971	1 109	39	138	932	184	25	455	2 070	1 355	293
HEALTH SERVICE OCCUPATIONS	24 137	19 521	4 469	584	2 114	1 771	97	50	2 428	7 651	11 784	1 326
NURSING AIDES, ORDERLIES, AND ATTENDANTS	18 291	14 306	3 881	486	1 949	1 446	97	7	1 609	5 903	8 935	1 050
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	7 746	6 596	966	143	251	572	160	24	1 168	2 991	3 061	260
PERSONAL SERVICE OCCUPATIONS	17 291	11 867	3 732	297	688	2 747	1 641	51	2 866	7 328	5 013	1 313
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	4 556	3 600	21	-	14	7	904	31	342	1 844	1 720	508
FARMING, FORESTRY, AND FISHING OCCUPATIONS	1 224	926	75	8	30	37	187	36	126	342	515	215
FARM OPERATORS AND MANAGERS	95	39	-	-	-	-	56	-	24	5	25	41
FARM OCCUPATIONS, EXCEPT MANAGERIAL	411	369	-	-	-	-	6	36	39	132	164	70
RELATED AGRICULTURAL OCCUPATIONS	688	504	64	8	19	37	120	-	63	205	308	92
FORESTRY AND FISHING OCCUPATIONS	30	14	11	-	11	-	5	-	-	-	18	12
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	10 535	9 458	385	23	75	287	670	22	451	1 866	6 238	1 531
MECHANICS AND REPAIRERS	1 284	1 189	39	9	11	19	49	7	32	136	861	225
AUTOMOBILE MECHANICS, INCLUDING BODY	101	90	-	-	-	-	11	-	8	3	31	54
AIRCRAFT MECHANICS	26	26	-	-	-	-	-	-	-	6	20	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER MECHANICS AND REPAIRERS	1 157	1 073	39	9	11	19	38	7	24	127	810	171
CONSTRUCTION TRADES	561	399	40	8	18	14	122	-	55	90	334	59
CARPENTERS	149	114	14	-	-	14	21	-	19	5	87	31
ELECTRICIANS	99	95	-	-	-	-	4	-	-	20	48	25
PAINTERS, CONSTRUCTION AND MAINTENANCE	135	51	26	8	18	-	58	-	20	44	58	3
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	31	24	-	-	-	-	7	-	7	-	24	-
OTHER CONSTRUCTION TRADES	147	115	-	-	-	-	32	-	9	21	117	-
EXTRACTIVE OCCUPATIONS	5	5	-	-	-	-	-	-	5	-	-	-
PRECISION PRODUCTION OCCUPATIONS	8 685	7 865	306	6	46	254	499	15	359	1 640	5 043	1 247
SUPERVISORS, PRODUCTION OCCUPATIONS	2 829	2 748	60	-	20	40	21	-	54	198	1 901	640
MANUFACTURING	1 841	1 815	12	-	6	6	14	-	18	70	1 307	422
PRECISION METALWORKING OCCUPATIONS	639	609	6	6	-	-	24	-	11	131	393	67
TOOL AND DIE MAKERS	34	34	-	-	-	-	-	-	-	20	14	-
MACHINISTS	322	314	-	-	-	-	8	-	-	33	214	44
SHEET METAL WORKERS	41	41	-	-	-	-	-	-	-	-	41	-
OTHER PRECISION METAL WORKERS	242	220	6	6	-	-	16	-	11	78	124	23
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	1 391	985	11	-	11	-	380	15	119	452	603	109
PLANT AND SYSTEM OPERATORS	41	41	-	-	-	-	-	-	-	-	26	-
OTHER PRECISION PRODUCTION OCCUPATIONS	3 785	3 482	229	-	15	214	74	-	175	859	2 120	431

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

BOSTON, MA SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	47 925	45 873	1 411	277	488	646	552	89	2 643	11 169	28 407	3 994
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	36 069	34 895	716	171	303	242	405	53	1 623	6 846	22 943	3 328
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	19 926	19 145	466	86	243	137	276	39	1 184	4 342	12 048	1 612
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	494	494	-	-	-	-	-	-	32	94	316	26
PRINTING MACHINE OPERATORS	1 375	1 315	12	-	12	-	43	5	103	322	733	189
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	9 537	9 248	182	23	93	66	100	7	684	2 580	5 389	506
TEXTILE MACHINE OPERATORS	305	290	-	-	-	-	15	-	14	42	210	16
TEXTILE SEWING MACHINE OPERATORS	6 590	6 478	55	16	12	27	57	-	426	1 794	3 837	290
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	1 396	1 241	127	7	81	39	28	-	155	454	623	111
OTHER SPECIFIED MACHINE OPERATORS	2 679	2 514	100	29	30	41	48	17	154	516	1 624	300
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	5 841	5 574	172	34	108	30	85	10	211	830	3 986	591
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	1 708	1 550	81	21	38	22	71	6	95	303	1 130	159
MACHINE OPERATORS, NOT SPECIFIED	4 133	4 024	91	13	70	8	14	4	116	527	2 856	432
INDUSTRY:												
MANUFACTURING	4 914	4 840	58	7	51	-	12	4	187	562	3 455	498
NONDURABLE GOODS	1 732	1 708	24	-	24	-	-	-	77	236	1 206	146
FOOD AND KINDRED PRODUCTS	178	178	-	-	-	-	-	-	5	16	138	-
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	229	229	-	-	-	-	-	-	18	50	145	16
PAPER AND ALLIED PRODUCTS	502	502	-	-	-	-	-	-	17	69	346	58
OTHER NONDURABLE GOODS	823	799	24	-	24	-	-	-	37	101	577	72
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	3 182	3 132	34	7	27	-	12	4	110	326	2 249	352
METAL INDUSTRIES	482	468	8	-	8	-	6	-	14	48	347	37
MACHINERY, INCLUDING ELECTRICAL	1 568	1 561	7	7	-	-	-	-	48	160	1 082	221
TRANSPORTATION EQUIPMENT	207	207	-	-	-	-	-	-	-	20	156	12
OTHER DURABLE GOODS	925	896	19	-	19	-	6	4	48	98	664	82
NONMANUFACTURING INDUSTRIES	927	734	114	27	57	30	73	6	24	268	531	93
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	72	61	11	-	11	-	-	-	-	7	58	7
WHOLESALE AND RETAIL TRADE	380	294	14	7	-	7	66	6	11	133	182	43
ALL OTHER INDUSTRIES	475	379	89	20	46	23	7	-	13	128	291	43
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	11 904	11 574	194	64	53	77	129	7	366	1 976	8 033	1 156
WELDERS AND CUTTERS	350	344	6	6	-	-	-	-	-	29	280	41
ASSEMBLERS	10 506	10 294	168	45	53	70	44	-	308	1 754	7 124	976
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	1 048	936	20	13	-	7	85	7	58	193	629	139
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	4 239	4 176	56	21	7	28	-	7	73	528	2 862	560
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	3 056	2 508	411	30	90	291	116	21	305	1 488	948	225
MOTOR VEHICLE OPERATORS	2 688	2 173	378	21	86	271	116	21	305	1 453	645	195
TRUCK DRIVERS AND DRIVER-SALES WORKERS	566	441	63	12	7	44	55	7	70	198	190	73
BUS DRIVERS	1 838	1 529	275	9	62	204	34	-	199	1 158	356	78
RAIL AND WATER TRANSPORTATION OCCUPATIONS	45	35	10	-	4	6	-	-	-	-	45	-
MATERIAL MOVING EQUIPMENT OPERATORS	323	300	23	9	-	14	-	-	-	35	258	30
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	13	7	6	-	-	6	-	-	-	-	13	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	8 800	8 470	284	76	95	113	31	15	715	2 835	4 516	441
CONSTRUCTION LABORERS	103	88	15	7	-	8	-	-	7	18	78	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	1 917	1 863	34	34	-	-	13	7	294	879	573	89
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	115	115	-	-	-	-	-	-	20	31	49	15
HAND PACKERS AND PACKAGERS	4 827	4 734	81	-	38	43	12	-	219	1 353	2 870	200
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	273	253	20	6	-	14	-	-	17	73	148	24
LABORERS, EXCEPT CONSTRUCTION	1 565	1 417	134	29	57	48	6	8	158	481	798	113
MANUFACTURING	545	545	-	-	-	-	-	-	25	161	309	45
NONDURABLE GOODS	352	352	-	-	-	-	-	-	7	130	181	29
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	193	193	-	-	-	-	-	-	18	31	128	16
METAL INDUSTRIES	37	37	-	-	-	-	-	-	12	8	17	-
NONMANUFACTURING INDUSTRIES	1 020	872	134	29	57	48	6	8	133	320	489	68
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	70	59	11	5	-	6	-	-	-	24	40	6
WHOLESALE AND RETAIL TRADE	612	593	11	-	-	11	-	8	56	175	330	41
ALL OTHER INDUSTRIES	338	220	112	24	57	31	6	-	77	121	119	21

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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BOSTON, MA SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS TOTAL	FEDERAL	STATE	LOCAL	SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
WHITE												
MALES 16 YEARS AND OVER	681 318	527 915	104 173	25 720	24 239	54 214	48 563	667	26 711	66 227	354 171	218 763
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	225 605	163 089	41 270	8 240	11 700	21 330	21 082	164	5 501	13 710	112 357	90 357
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	110 548	89 211	14 964	4 377	4 606	5 981	6 249	124	1 471	4 025	55 161	48 334
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	3 732	11	3 721	1 025	1 147	1 549	-	-	50	171	2 280	1 136
MANAGEMENT RELATED OCCUPATIONS	29 071	20 968	5 784	2 277	2 123	1 384	2 311	8	421	1 269	17 469	9 530
PROFESSIONAL SPECIALTY OCCUPATIONS	115 057	73 878	26 306	3 863	7 094	15 349	14 833	40	4 030	9 685	57 196	42 023
ENGINEERS AND NATURAL SCIENTISTS	38 215	32 990	3 793	1 867	1 176	750	1 432	-	338	1 058	25 255	11 049
ENGINEERS	26 202	23 218	2 335	936	867	532	649	-	159	674	17 748	7 212
HEALTH DIAGNOSING OCCUPATIONS	11 346	6 370	1 026	476	336	214	3 950	-	203	786	2 274	7 858
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	3 706	2 992	548	165	256	127	158	8	107	412	1 656	1 449
TEACHERS, LIBRARIANS, AND COUNSELORS	28 588	12 371	15 639	227	2 252	13 160	578	-	1 828	4 229	12 939	8 893
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	14 542	2 194	12 348	36	331	11 981	-	-	482	1 864	7 643	4 295
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	155 065	126 344	19 203	11 979	3 762	3 462	9 389	129	6 723	15 264	82 829	47 123
HEALTH TECHNOLOGISTS AND TECHNICIANS	2 740	2 166	561	164	127	270	13	-	95	280	1 423	907
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	24 832	21 978	2 430	1 114	640	676	418	6	919	1 441	15 321	6 658
SALES OCCUPATIONS	64 655	55 624	533	82	333	118	8 426	72	2 995	7 123	27 173	26 178
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	13 046	10 309	46	-	28	18	2 684	7	170	541	4 173	7 954
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	31 339	26 928	125	25	33	67	4 286	-	554	1 683	16 003	12 630
OTHER SALES OCCUPATIONS	20 270	18 387	362	57	272	33	1 456	65	2 271	4 899	6 997	5 594
CASHIERS	3 950	3 619	308	42	233	33	23	-	589	1 824	1 042	391
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	62 838	46 576	15 679	10 619	2 662	2 398	532	51	2 714	6 420	38 912	13 380
COMPUTER EQUIPMENT OPERATORS	2 912	2 567	332	49	120	163	13	-	98	147	1 967	662
SECRETARIES, STENOGRAPHERS, AND TYPISTS	1 161	846	290	56	156	78	25	-	112	179	640	205
FINANCIAL RECORDS PROCESSING OCCUPATIONS	3 576	2 892	532	173	204	155	113	39	164	491	2 270	568
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	10 233	2 466	7 720	7 509	140	71	41	6	246	690	6 744	2 238
SERVICE OCCUPATIONS	76 179	47 897	25 999	1 916	4 348	19 735	2 189	94	7 531	14 935	32 467	19 220
PRIVATE HOUSEHOLD OCCUPATIONS	316	316	-	-	-	-	-	-	85	58	131	34
PROTECTIVE SERVICE OCCUPATIONS	23 377	6 549	16 739	684	2 240	13 815	83	6	821	1 700	9 814	10 450
POLICE AND FIREFIGHTERS	12 543	26	12 517	306	1 082	11 129	-	-	51	125	4 685	7 407
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	52 486	41 032	9 260	1 232	2 108	5 920	2 106	88	6 625	13 177	22 522	8 736
FOOD SERVICE OCCUPATIONS	22 458	21 400	581	56	283	242	402	75	3 887	7 425	6 887	3 602
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	22 065	14 336	7 204	934	1 101	5 169	519	6	1 937	4 096	12 001	3 422
FARMING, FORESTRY, AND FISHING OCCUPATIONS	5 485	3 053	1 306	64	222	1 020	1 071	55	397	934	2 696	1 216
FARM OPERATORS AND MANAGERS	658	236	10	-	5	5	412	-	33	111	175	322
FARM WORKERS AND RELATED OCCUPATIONS	4 070	2 482	1 220	59	200	961	313	55	327	701	2 166	675
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	113 223	93 596	7 499	1 614	1 869	4 016	12 008	120	1 852	6 918	66 677	34 888
MECHANICS AND REPAIRERS	34 865	29 734	2 305	669	536	1 100	2 791	35	557	1 550	19 736	12 250
CONSTRUCTION TRADES	39 065	27 780	3 504	564	856	2 084	7 737	44	762	3 561	25 018	8 418
PRECISION PRODUCTION OCCUPATIONS	39 134	35 930	1 683	381	477	825	1 480	41	533	1 794	21 823	14 174
OPERATORS, FABRICATORS, AND LABORERS	105 761	93 936	8 896	1 907	2 338	4 651	2 824	105	4 707	14 466	57 145	25 959
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	28 304	26 535	1 067	271	397	399	688	14	584	2 022	17 262	7 592
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	15 258	14 325	579	192	177	210	354	-	395	1 187	9 520	3 824
TRANSPORTATION OCCUPATIONS	26 699	22 272	3 072	364	1 108	1 600	1 342	13	786	2 934	12 871	9 059
MOTOR VEHICLE OPERATORS	25 226	21 250	2 632	242	915	1 475	1 331	13	762	2 889	12 073	8 581
MATERIAL MOVING EQUIPMENT OPERATORS	4 831	4 015	726	54	84	588	78	12	94	310	3 115	1 138
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	30 669	26 789	3 452	1 026	572	1 854	362	66	2 848	8 013	14 377	4 346
CONSTRUCTION LABORERS	4 302	3 421	855	42	131	682	-	26	79	573	2 807	577
FREIGHT, STOCK, AND MATERIAL HANDLERS	11 577	10 356	1 095	702	49	344	112	14	1 585	4 397	3 981	1 233

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BOSTON, MA SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
WHITE												
FEMALES 16 YEARS AND OVER	562 926	447 106	99 316	13 788	23 823	61 705	14 321	2 183	52 006	152 052	287 126	56 664
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	155 173	98 967	48 794	4 266	9 390	35 138	6 987	425	10 319	32 521	82 473	25 994
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	48 304	39 339	7 407	1 799	2 649	2 959	1 323	235	1 404	5 724	30 103	10 241
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	1 830	7	1 823	377	753	693	-	-	40	238	1 230	298
MANAGEMENT RELATED OCCUPATIONS	15 018	12 110	2 412	1 026	924	462	466	30	317	1 559	10 348	2 515
PROFESSIONAL SPECIALTY OCCUPATIONS	106 869	59 628	41 387	2 467	6 741	32 179	5 664	190	8 915	26 797	52 370	15 753
ENGINEERS AND NATURAL SCIENTISTS	5 261	4 550	568	278	194	96	131	12	123	406	3 469	1 146
ENGINEERS	1 105	1 016	77	44	17	16	12	-	32	70	823	159
HEALTH DIAGNOSING OCCUPATIONS	1 965	1 301	339	116	118	105	311	14	92	273	456	1 107
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	29 858	23 577	5 605	824	1 331	3 450	614	62	1 570	8 407	14 997	3 883
TEACHERS, LIBRARIANS, AND COUNSELORS	46 780	15 527	29 925	513	2 321	27 091	1 286	42	5 226	12 870	22 145	5 271
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	32 234	6 922	25 202	234	719	24 249	104	6	2 389	9 081	16 327	3 544
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	274 031	233 285	35 434	8 404	10 857	16 173	3 954	1 358	23 534	72 173	150 469	21 450
HEALTH TECHNOLOGISTS AND TECHNICIANS	11 686	9 931	1 615	235	506	874	100	40	770	3 253	5 995	1 373
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	8 805	7 355	1 039	292	450	297	190	21	568	1 389	5 403	1 177
SALES OCCUPATIONS	58 795	54 995	847	133	140	574	2 613	340	9 520	25 160	18 068	4 424
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	4 962	4 098	47	6	36	5	772	45	229	941	2 235	1 403
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	11 748	10 725	32	11	14	7	968	23	645	2 341	6 685	1 817
OTHER SALES OCCUPATIONS	42 085	40 172	768	116	90	562	873	272	8 646	21 878	9 148	1 204
CASHIERS	16 191	15 422	646	72	75	499	83	40	3 592	9 240	2 559	298
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	194 745	160 804	31 933	7 744	9 761	14 428	1 051	957	12 676	42 371	121 003	14 476
COMPUTER EQUIPMENT OPERATORS	3 446	3 118	322	112	92	118	6	-	118	549	2 416	297
SECRETARIES, STENOGRAPHERS, AND TYPISTS	74 244	59 851	13 438	3 188	4 226	6 024	472	483	4 071	14 745	49 273	4 660
FINANCIAL RECORDS PROCESSING OCCUPATIONS	27 705	24 796	2 372	394	907	1 071	250	287	1 695	6 493	16 741	2 243
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	2 186	1 279	890	772	73	45	6	11	164	499	1 233	236
SERVICE OCCUPATIONS	81 382	65 615	13 484	871	3 052	9 561	2 030	253	15 368	35 241	23 766	4 069
PRIVATE HOUSEHOLD OCCUPATIONS	4 106	4 106	-	-	-	-	-	-	1 603	1 268	783	315
PROTECTIVE SERVICE OCCUPATIONS	2 803	991	1 812	78	280	1 454	-	-	814	1 028	686	198
POLICE AND FIREFIGHTERS	374	-	374	39	36	299	-	-	50	65	181	45
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	74 473	60 518	11 672	793	2 772	8 107	2 030	253	12 951	32 945	22 297	3 556
FOOD SERVICE OCCUPATIONS	33 026	28 275	4 381	105	440	3 836	242	128	6 974	17 014	6 729	1 152
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	6 094	5 172	743	68	192	483	155	24	1 040	2 499	2 161	194
FARMING, FORESTRY, AND FISHING OCCUPATIONS	1 186	903	60	8	22	30	187	36	120	335	490	215
FARM OPERATORS AND MANAGERS	95	39	-	-	-	-	56	-	24	5	25	41
FARM WORKERS AND RELATED OCCUPATIONS	1 061	850	49	8	11	30	126	36	96	330	447	162
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	9 719	8 735	351	6	72	273	611	22	412	1 785	5 693	1 425
MECHANICS AND REPAIRERS	1 137	1 062	19	-	8	11	49	7	24	113	750	220
CONSTRUCTION TRADES	520	366	32	-	18	14	122	-	55	90	302	50
PRECISION PRODUCTION OCCUPATIONS	8 057	7 302	300	6	46	248	440	15	328	1 582	4 641	1 155
OPERATORS, FABRICATORS, AND LABORERS	41 435	39 601	1 193	233	430	530	552	89	2 253	9 997	24 235	3 511
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	16 584	15 849	420	81	227	112	276	39	936	3 628	10 056	1 360
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	14 047	13 710	194	71	45	78	129	14	342	2 304	9 350	1 561
TRANSPORTATION OCCUPATIONS	2 478	2 022	319	21	63	235	116	21	295	1 349	579	165
MOTOR VEHICLE OPERATORS	2 433	1 987	309	21	59	229	116	21	295	1 349	534	165
MATERIAL MOVING EQUIPMENT OPERATORS	298	275	23	9	-	14	-	-	-	35	251	12
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	8 028	7 745	237	51	95	91	31	15	680	2 681	3 999	413
CONSTRUCTION LABORERS	86	71	15	7	-	8	-	-	7	11	68	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	1 766	1 737	9	9	-	-	13	7	282	801	512	89

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

BOSTON, MA SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
BLACK												
MALES 16 YEARS AND OVER	30 814	23 569	6 530	1 847	2 096	2 587	709	6	1 289	3 652	19 832	5 019
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	5 777	3 608	1 963	376	733	854	206	-	251	459	3 662	1 278
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	2 699	1 724	892	268	295	329	83	-	49	149	1 813	651
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	228	-	228	72	80	76	-	-	-	19	201	8
MANAGEMENT RELATED OCCUPATIONS	908	538	340	124	102	114	30	-	-	85	692	123
PROFESSIONAL SPECIALTY OCCUPATIONS	3 078	1 884	1 071	108	438	525	123	-	202	310	1 849	627
ENGINEERS AND NATURAL SCIENTISTS	845	700	145	63	82	-	-	-	6	20	645	160
ENGINEERS	550	461	89	34	55	-	-	-	6	-	434	96
HEALTH DIAGNOSING OCCUPATIONS	171	134	26	-	4	22	11	-	-	7	40	124
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	172	110	62	-	57	5	-	-	26	22	85	39
TEACHERS, LIBRARIANS, AND COUNSELORS	880	353	523	-	90	433	4	-	94	115	544	95
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	437	34	403	-	34	369	-	-	31	42	317	31
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	6 953	5 227	1 592	739	494	359	134	-	388	927	4 385	1 028
HEALTH TECHNOLOGISTS AND TECHNICIANS	198	122	76	14	41	21	-	-	16	44	93	45
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	1 042	925	117	39	24	54	-	-	37	106	738	138
SALES OCCUPATIONS	1 750	1 561	77	-	69	8	112	-	93	265	995	360
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	186	135	-	-	-	-	51	-	-	5	87	88
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	465	426	-	-	-	-	39	-	-	46	290	125
OTHER SALES OCCUPATIONS	1 099	1 000	77	-	69	8	22	-	93	214	618	147
CASHIERS	366	289	77	-	69	8	-	-	36	75	200	50
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	3 963	2 619	1 322	686	360	276	22	-	242	512	2 559	485
COMPUTER EQUIPMENT OPERATORS	307	276	31	16	15	-	-	-	7	34	204	62
SECRETARIES, STENOGRAPHERS, AND TYPISTS	61	50	11	4	-	7	-	-	-	14	43	4
FINANCIAL RECORDS PROCESSING OCCUPATIONS	257	211	46	9	13	24	-	-	18	24	199	6
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	607	221	371	319	40	12	15	-	32	76	446	53
SERVICE OCCUPATIONS	6 763	4 936	1 742	390	470	882	85	-	402	1 221	4 131	750
PRIVATE HOUSEHOLD OCCUPATIONS	32	32	-	-	-	-	-	-	16	8	8	-
PROTECTIVE SERVICE OCCUPATIONS	1 575	858	712	53	190	469	5	-	57	221	893	352
POLICE AND FIREFIGHTERS	437	-	437	34	40	363	-	-	-	-	239	186
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	5 156	4 046	1 030	337	280	413	80	-	329	992	3 230	398
FOOD SERVICE OCCUPATIONS	1 280	1 146	134	53	25	56	-	-	109	200	780	87
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	2 530	2 050	454	126	110	218	26	-	161	519	1 577	190
FARMING, FORESTRY, AND FISHING OCCUPATIONS	170	72	79	5	32	42	13	6	5	51	103	7
FARM OPERATORS AND MANAGERS	-	-	-	-	-	-	-	-	-	-	-	-
FARM WORKERS AND RELATED OCCUPATIONS	164	72	79	5	32	42	7	6	5	51	97	7
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	4 442	3 939	306	106	80	120	197	-	69	326	3 087	836
MECHANICS AND REPAIRERS	1 369	1 182	125	58	40	27	62	-	29	72	915	331
CONSTRUCTION TRADES	1 391	1 135	127	22	26	79	129	-	16	165	953	178
PRECISION PRODUCTION OCCUPATIONS	1 676	1 616	54	26	14	14	6	-	24	89	1 213	327
OPERATORS, FABRICATORS, AND LABORERS	6 709	5 787	848	231	287	330	74	-	174	668	4 464	1 120
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	2 076	1 868	201	25	85	91	7	-	46	167	1 449	348
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	1 303	1 258	45	39	6	-	-	-	40	91	955	157
TRANSPORTATION OCCUPATIONS	1 615	1 219	336	30	155	151	60	-	8	210	967	343
MOTOR VEHICLE OPERATORS	1 555	1 183	312	19	148	145	60	-	8	210	927	334
MATERIAL MOVING EQUIPMENT OPERATORS	224	217	-	-	-	-	7	-	7	4	190	23
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	1 491	1 225	266	137	41	88	-	-	73	196	903	249
CONSTRUCTION LABORERS	254	202	52	33	11	8	-	-	29	-	193	24
FREIGHT, STOCK, AND MATERIAL HANDLERS	394	308	86	55	16	15	-	-	12	92	219	56

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

BOSTON, MA SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
BLACK												
FEMALES 16 YEARS AND OVER	31 966	23 192	8 502	1 817	3 113	3 572	267	5	2 073	6 423	19 862	2 218
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	6 177	3 337	2 766	470	820	1 476	74	-	355	1 101	3 865	620
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	2 047	1 482	561	137	192	232	4	-	57	173	1 453	321
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	134	-	134	28	41	65	-	-	-	-	120	14
MANAGEMENT RELATED OCCUPATIONS	821	614	207	68	93	46	-	-	-	33	680	101
PROFESSIONAL SPECIALTY OCCUPATIONS	4 130	1 855	2 205	333	628	1 244	70	-	298	928	2 412	299
ENGINEERS AND NATURAL SCIENTISTS	118	84	34	20	14	-	-	-	-	-	98	20
ENGINEERS	28	28	-	-	-	-	-	-	-	-	28	-
HEALTH DIAGNOSING OCCUPATIONS	53	21	21	13	8	-	11	-	-	6	28	19
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	1 004	717	278	43	123	112	9	-	27	139	731	64
TEACHERS, LIBRARIANS, AND COUNSELORS	2 092	656	1 426	138	215	1 073	10	-	216	638	1 031	89
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	1 317	240	1 077	52	106	919	-	-	106	507	566	51
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	13 503	9 974	3 462	943	1 460	1 059	62	5	842	2 460	8 852	813
HEALTH TECHNOLOGISTS AND TECHNICIANS	739	539	200	34	90	76	-	-	13	149	436	97
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	507	465	42	20	16	6	-	-	41	74	313	40
SALES OCCUPATIONS	1 523	1 429	49	19	25	5	45	-	175	485	711	115
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	93	79	-	-	-	-	14	-	-	7	53	20
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	225	225	-	-	-	-	-	-	8	6	168	27
OTHER SALES OCCUPATIONS	1 205	1 125	49	19	25	5	31	-	167	472	490	68
CASHIERS	525	476	43	13	25	5	6	-	79	226	176	36
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	10 734	7 541	3 171	870	1 329	972	17	5	613	1 752	7 392	561
COMPUTER EQUIPMENT OPERATORS	207	178	29	12	17	-	-	-	-	34	165	8
SECRETARIES, STENOGRAPHERS, AND TYPISTS	3 160	2 243	917	224	386	307	-	-	223	550	2 137	150
FINANCIAL RECORDS PROCESSING OCCUPATIONS	771	592	162	13	94	55	17	-	11	118	598	19
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	366	183	183	125	29	29	-	-	9	66	286	-
SERVICE OCCUPATIONS	8 264	6 138	2 023	343	770	910	103	-	668	2 233	4 450	510
PRIVATE HOUSEHOLD OCCUPATIONS	624	624	-	-	-	-	-	-	134	192	205	32
PROTECTIVE SERVICE OCCUPATIONS	328	98	230	16	63	151	-	-	35	140	139	6
POLICE AND FIREFIGHTERS	66	-	66	-	-	66	-	-	-	22	36	-
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	7 312	5 416	1 793	327	707	759	103	-	499	1 901	4 106	472
FOOD SERVICE OCCUPATIONS	904	692	212	49	71	92	-	-	123	307	392	60
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	1 322	1 116	201	75	42	84	5	-	110	370	737	49
FARMING, FORESTRY, AND FISHING OCCUPATIONS	21	6	15	-	8	7	-	-	6	7	8	-
FARM OPERATORS AND MANAGERS	-	-	-	-	-	-	-	-	-	-	-	-
FARM WORKERS AND RELATED OCCUPATIONS	21	6	15	-	8	7	-	-	6	7	8	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	491	429	34	17	3	14	28	-	21	35	368	42
MECHANICS AND REPAIRERS	127	107	20	9	3	8	-	-	8	16	98	5
CONSTRUCTION TRADES	32	24	8	8	-	-	-	-	-	-	32	-
PRECISION PRODUCTION OCCUPATIONS	332	298	6	-	-	6	28	-	13	19	238	37
OPERATORS, FABRICATORS, AND LABORERS	3 510	3 308	202	44	52	106	-	-	181	587	2 319	233
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	1 443	1 403	40	5	10	25	-	-	82	284	882	110
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	1 329	1 278	51	14	15	22	-	-	69	89	1 026	73
TRANSPORTATION OCCUPATIONS	243	179	64	-	27	37	-	-	10	97	106	30
MOTOR VEHICLE OPERATORS	243	179	64	-	27	37	-	-	10	97	106	30
MATERIAL MOVING EQUIPMENT OPERATORS	16	16	-	-	-	-	-	-	-	-	7	9
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	479	432	47	25	-	22	-	-	20	117	298	11
CONSTRUCTION LABORERS	17	17	-	-	-	-	-	-	-	7	10	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	82	57	25	25	-	-	-	-	12	56	14	-

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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BOSTON, MA SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
ASIAN AND PACIFIC ISLANDER												
MALES 16 YEARS AND OVER	10 148	8 981	769	320	198	251	351	47	608	1 004	4 685	3 556
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	4 200	3 516	475	191	121	163	209	-	199	258	2 247	1 420
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	1 281	1 093	135	67	22	46	53	-	30	69	654	500
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	20	-	20	7	-	13	-	-	-	-	20	-
MANAGEMENT RELATED OCCUPATIONS	286	205	71	33	15	23	10	-	-	23	184	64
PROFESSIONAL SPECIALTY OCCUPATIONS	2 919	2 423	340	124	99	117	156	-	169	189	1 593	920
ENGINEERS AND NATURAL SCIENTISTS	1 412	1 299	113	77	27	9	-	-	35	42	1 012	303
ENGINEERS	917	857	60	55	-	5	-	-	-	25	690	194
HEALTH DIAGNOSING OCCUPATIONS	533	346	104	30	34	40	83	-	-	-	147	379
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	72	72	-	-	-	-	-	-	13	8	24	13
TEACHERS, LIBRARIANS, AND COUNSELORS	553	451	102	11	28	63	-	-	81	121	216	128
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	66	10	56	-	-	56	-	-	13	5	41	7
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	2 140	1 885	197	94	41	62	52	6	201	328	1 083	463
HEALTH TECHNOLOGISTS AND TECHNICIANS	163	163	-	-	-	-	-	-	7	29	93	34
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	909	840	63	38	10	15	-	6	46	90	533	213
SALES OCCUPATIONS	433	381	-	-	-	-	52	-	45	51	176	154
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	143	102	-	-	-	-	41	-	-	6	63	74
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	94	94	-	-	-	-	-	-	-	6	44	37
OTHER SALES OCCUPATIONS	196	185	-	-	-	-	11	-	45	39	69	43
CASHIERS	112	112	-	-	-	-	-	-	19	25	50	18
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	635	501	134	56	31	47	-	-	103	158	281	62
COMPUTER EQUIPMENT OPERATORS	61	56	5	-	5	-	-	-	5	21	28	7
SECRETARIES, STENOGRAPHERS, AND TYPISTS	62	34	28	-	10	18	-	-	13	18	24	7
FINANCIAL RECORDS PROCESSING OCCUPATIONS	59	59	-	-	-	-	-	-	-	-	39	20
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	21	5	16	16	-	-	-	-	-	5	7	9
SERVICE OCCUPATIONS	2 761	2 641	56	5	30	21	42	22	170	287	839	1 361
PRIVATE HOUSEHOLD OCCUPATIONS	30	19	-	-	-	-	11	-	-	-	14	16
PROTECTIVE SERVICE OCCUPATIONS	70	50	20	-	10	10	-	-	7	24	29	10
POLICE AND FIREFIGHTERS	20	-	20	-	10	10	-	-	-	-	10	10
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	2 661	2 572	36	5	20	11	31	22	163	263	796	1 335
FOOD SERVICE OCCUPATIONS	2 352	2 305	-	-	-	-	25	22	123	192	687	1 284
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	167	137	24	5	8	11	6	-	15	36	61	33
FARMING, FORESTRY, AND FISHING OCCUPATIONS	18	10	-	-	-	-	8	-	-	-	10	-
FARM OPERATORS AND MANAGERS	-	-	-	-	-	-	-	-	-	-	-	-
FARM WORKERS AND RELATED OCCUPATIONS	18	10	-	-	-	-	8	-	-	-	10	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	426	372	21	10	6	5	22	11	17	43	201	160
MECHANICS AND REPAIRERS	128	114	6	6	-	-	8	-	5	12	40	71
CONSTRUCTION TRADES	77	66	11	-	6	5	-	-	4	-	55	13
PRECISION PRODUCTION OCCUPATIONS	221	192	4	4	-	-	14	11	8	31	106	76
OPERATORS, FABRICATORS, AND LABORERS	603	557	20	20	-	-	18	8	21	88	305	152
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	214	179	9	9	-	-	18	8	5	17	105	83
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	153	142	11	11	-	-	-	-	-	16	84	42
TRANSPORTATION OCCUPATIONS	106	106	-	-	-	-	-	-	7	15	77	7
MOTOR VEHICLE OPERATORS	106	106	-	-	-	-	-	-	7	15	77	7
MATERIAL MOVING EQUIPMENT OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	130	130	-	-	-	-	-	-	9	40	39	20
CONSTRUCTION LABORERS	17	17	-	-	-	-	-	-	-	8	3	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	50	50	-	-	-	-	-	-	9	22	12	7

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

BOSTON, MA SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
ASIAN AND PACIFIC ISLANDER												
FEMALES 16 YEARS AND OVER	8 044	6 831	1 024	241	353	430	161	28	789	1 805	4 242	889
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	2 191	1 587	500	76	177	247	104	-	173	308	1 331	274
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	770	588	167	27	70	70	15	-	31	28	557	117
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	34	-	34	-	18	16	-	-	-	-	34	-
MANAGEMENT RELATED OCCUPATIONS	326	262	64	7	46	11	-	-	12	10	257	28
PROFESSIONAL SPECIALTY OCCUPATIONS	1 421	999	333	49	107	177	89	-	142	280	774	137
ENGINEERS AND NATURAL SCIENTISTS	184	150	22	-	9	13	12	-	5	23	136	14
ENGINEERS	34	29	-	-	-	-	5	-	5	6	23	-
HEALTH DIAGNOSING OCCUPATIONS	208	155	19	13	-	6	34	-	-	35	81	84
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	362	311	45	19	5	21	6	-	28	55	243	23
TEACHERS, LIBRARIANS, AND COUNSELORS	478	276	189	7	51	131	13	-	95	126	205	18
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	174	60	114	7	21	86	-	-	16	43	74	13
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	2 831	2 377	396	131	152	113	37	21	296	711	1 435	307
HEALTH TECHNOLOGISTS AND TECHNICIANS	205	165	40	13	6	21	-	-	-	63	84	42
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	293	261	25	13	5	7	7	-	20	58	167	43
SALES OCCUPATIONS	534	482	14	7	-	7	23	15	69	228	173	64
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	34	19	-	-	-	-	15	-	-	3	26	5
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	87	84	-	-	-	-	3	-	-	33	48	6
OTHER SALES OCCUPATIONS	413	379	14	7	-	7	5	15	69	192	99	53
CASHIERS	257	240	7	7	-	-	-	10	63	124	30	40
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	1 799	1 469	317	98	141	78	7	6	207	362	1 011	158
COMPUTER EQUIPMENT OPERATORS	58	58	-	-	-	-	-	-	-	11	39	-
SECRETARIES, STENOGRAPHERS, AND TYPISTS	412	335	70	9	40	21	7	-	11	90	238	47
FINANCIAL RECORDS PROCESSING OCCUPATIONS	255	239	16	-	13	3	-	-	16	30	173	27
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	21	13	8	-	-	8	-	-	8	7	6	-
SERVICE OCCUPATIONS	937	792	123	34	24	65	15	7	155	309	290	109
PRIVATE HOUSEHOLD OCCUPATIONS	82	82	-	-	-	-	-	-	27	23	13	11
PROTECTIVE SERVICE OCCUPATIONS	9	4	5	-	-	5	-	-	-	9	-	-
POLICE AND FIREFIGHTERS	-	-	-	-	-	-	-	-	-	-	-	-
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	846	706	118	34	24	60	15	7	128	277	277	98
FOOD SERVICE OCCUPATIONS	371	339	17	-	-	17	8	7	80	144	85	57
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	31	23	8	-	8	-	-	-	-	12	14	5
FARMING, FORESTRY, AND FISHING OCCUPATIONS	4	4	-	-	-	-	-	-	-	-	4	-
FARM OPERATORS AND MANAGERS	-	-	-	-	-	-	-	-	-	-	-	-
FARM WORKERS AND RELATED OCCUPATIONS	4	4	-	-	-	-	-	-	-	-	4	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	193	188	-	-	-	-	5	-	10	20	108	44
MECHANICS AND REPAIRERS	20	20	-	-	-	-	-	-	-	7	13	-
CONSTRUCTION TRADES	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	173	168	-	-	-	-	5	-	10	13	95	44
OPERATORS, FABRICATORS, AND LABORERS	1 888	1 883	5	-	-	5	-	-	155	457	1 074	155
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	1 405	1 405	-	-	-	-	-	-	150	371	740	102
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	393	393	-	-	-	-	-	-	-	70	282	36
TRANSPORTATION OCCUPATIONS	5	-	5	-	-	5	-	-	-	-	5	-
MOTOR VEHICLE OPERATORS	5	-	5	-	-	5	-	-	-	-	5	-
MATERIAL MOVING EQUIPMENT OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	85	85	-	-	-	-	-	-	5	16	47	17
CONSTRUCTION LABORERS	-	-	-	-	-	-	-	-	-	-	-	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	19	19	-	-	-	-	-	-	-	9	10	-

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

BOSTON, MA SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
SPANISH ORIGIN												
MALES 16 YEARS AND OVER	12 657	10 561	1 675	501	481	693	410	11	641	1 423	7 448	2 540
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	2 443	1 740	558	137	202	219	145	-	101	275	1 228	739
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	895	729	127	39	50	38	39	-	10	57	442	350
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	39	-	39	28	11	-	-	-	-	-	24	15
MANAGEMENT RELATED OCCUPATIONS	237	191	40	5	18	17	6	-	-	7	110	105
PROFESSIONAL SPECIALTY OCCUPATIONS	1 548	1 011	431	98	152	181	106	-	91	218	786	389
ENGINEERS AND NATURAL SCIENTISTS	395	337	58	24	23	11	-	-	10	11	267	100
ENGINEERS	307	260	47	24	23	-	-	-	10	-	202	88
HEALTH DIAGNOSING OCCUPATIONS	167	122	24	12	12	-	21	-	8	13	53	87
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	59	25	34	13	21	-	-	-	-	7	52	-
TEACHERS, LIBRARIANS, AND COUNSELORS	423	213	188	18	46	124	22	-	49	117	162	69
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	139	12	127	-	17	110	-	-	8	29	79	16
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	2 353	1 958	313	198	70	45	82	-	201	354	1 259	470
HEALTH TECHNOLOGISTS AND TECHNICIANS	101	85	16	-	-	16	-	-	12	8	66	15
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	423	363	60	55	5	-	-	-	43	46	254	63
SALES OCCUPATIONS	643	562	14	-	7	7	67	-	78	126	222	197
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	158	107	-	-	-	-	51	-	10	6	33	109
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	115	97	7	-	-	7	11	-	6	-	75	30
OTHER SALES OCCUPATIONS	370	358	7	-	7	-	5	-	62	120	114	58
CASHIERS	102	102	-	-	-	-	-	-	15	42	26	19
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	1 186	948	223	143	58	22	15	-	68	174	717	195
COMPUTER EQUIPMENT OPERATORS	108	108	-	-	-	-	-	-	-	15	47	46
SECRETARIES, STENOGRAPHERS, AND TYPISTS	54	39	15	-	15	-	-	-	20	7	19	-
FINANCIAL RECORDS PROCESSING OCCUPATIONS	58	51	7	-	7	-	-	-	-	4	41	7
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	141	32	109	109	-	-	-	-	-	14	127	-
SERVICE OCCUPATIONS	2 374	1 918	428	63	114	251	17	11	180	440	1 318	353
PRIVATE HOUSEHOLD OCCUPATIONS	27	27	-	-	-	-	-	-	8	-	19	-
PROTECTIVE SERVICE OCCUPATIONS	388	202	186	5	45	136	-	-	4	40	269	69
POLICE AND FIREFIGHTERS	116	-	116	5	11	100	-	-	-	-	72	44
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	1 959	1 689	242	58	69	115	17	11	168	400	1 030	284
FOOD SERVICE OCCUPATIONS	817	753	53	8	39	6	-	11	65	154	418	158
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	807	658	149	43	30	76	-	-	48	179	449	93
FARMING, FORESTRY, AND FISHING OCCUPATIONS	124	90	30	4	-	26	4	-	6	40	42	23
FARM OPERATORS AND MANAGERS	11	7	-	-	-	-	4	-	-	-	-	7
FARM WORKERS AND RELATED OCCUPATIONS	107	77	30	4	-	26	-	-	6	40	36	16
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	1 801	1 593	73	57	4	12	135	-	33	85	1 143	428
MECHANICS AND REPAIRERS	658	580	47	37	4	6	31	-	7	27	421	152
CONSTRUCTION TRADES	361	289	17	11	-	6	55	-	14	16	221	78
PRECISION PRODUCTION OCCUPATIONS	782	724	9	9	-	-	49	-	12	42	501	198
OPERATORS, FABRICATORS, AND LABORERS	3 562	3 262	273	42	91	140	27	-	120	229	2 458	527
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	1 610	1 532	78	19	21	38	-	-	37	36	1 175	290
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	770	739	17	9	8	-	14	-	21	96	527	97
TRANSPORTATION OCCUPATIONS	384	274	105	8	52	45	5	-	11	17	268	72
MOTOR VEHICLE OPERATORS	331	247	79	8	33	38	5	-	11	17	236	57
MATERIAL MOVING EQUIPMENT OPERATORS	68	68	-	-	-	-	-	-	-	-	52	16
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	730	649	73	6	10	57	8	-	51	80	436	52
CONSTRUCTION LABORERS	56	32	24	6	-	18	-	-	5	15	31	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	250	233	17	-	-	17	-	-	43	21	123	30

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

BOSTON, MA SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS TOTAL	FEDERAL	STATE	LOCAL	SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
SPANISH ORIGIN												
FEMALES 16 YEARS AND OVER	10 497	8 176	2 151	374	609	1 168	144	26	893	2 186	6 003	942
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	2 047	1 166	834	127	240	467	47	-	132	412	1 147	287
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	623	427	190	82	64	44	6	-	22	75	380	120
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	56	-	56	18	28	10	-	-	-	10	38	8
MANAGEMENT RELATED OCCUPATIONS	179	104	75	51	20	4	-	-	6	15	145	9
PROFESSIONAL SPECIALTY OCCUPATIONS	1 424	739	644	45	176	423	41	-	110	337	767	167
ENGINEERS AND NATURAL SCIENTISTS	106	99	7	-	7	-	-	-	-	11	80	15
ENGINEERS	22	22	-	-	-	-	-	-	-	-	22	-
HEALTH DIAGNOSING OCCUPATIONS	31	6	5	-	5	-	20	-	8	6	12	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	254	192	53	5	8	40	9	-	-	90	143	12
TEACHERS, LIBRARIANS, AND COUNSELORS	742	279	457	18	87	352	6	-	92	189	365	78
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	482	109	373	7	26	340	-	-	26	141	256	52
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	3 642	2 893	688	136	227	325	35	26	381	693	2 083	283
HEALTH TECHNOLOGISTS AND TECHNICIANS	170	122	48	-	43	5	-	-	-	29	131	10
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	114	114	-	-	-	-	-	-	7	17	82	8
SALES OCCUPATIONS	624	567	12	-	12	-	31	14	113	220	234	53
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	24	12	-	-	-	-	12	-	-	-	24	-
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	119	107	-	-	-	-	12	-	7	23	72	17
OTHER SALES OCCUPATIONS	481	448	12	-	12	-	7	14	106	197	138	36
CASHIERS	233	215	12	-	12	-	-	6	56	92	72	13
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	2 734	2 090	628	136	172	320	4	12	261	427	1 636	212
COMPUTER EQUIPMENT OPERATORS	19	19	-	-	-	-	-	-	-	-	19	-
SECRETARIES, STENOGRAPHERS, AND TYPISTS	882	626	256	41	102	113	-	-	71	109	597	59
FINANCIAL RECORDS PROCESSING OCCUPATIONS	256	213	31	27	4	-	-	12	18	20	177	22
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	45	40	5	-	5	-	-	-	14	7	19	-
SERVICE OCCUPATIONS	2 302	1 720	562	95	134	333	20	-	243	742	1 068	143
PRIVATE HOUSEHOLD OCCUPATIONS	173	173	-	-	-	-	-	-	23	55	66	17
PROTECTIVE SERVICE OCCUPATIONS	76	39	37	-	11	26	-	-	26	22	21	7
POLICE AND FIREFIGHTERS	21	-	21	-	-	21	-	-	-	-	14	7
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	2 053	1 508	525	95	123	307	20	-	194	665	981	119
FOOD SERVICE OCCUPATIONS	454	374	66	20	-	46	14	-	86	152	173	26
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	437	392	45	-	25	20	-	-	34	173	192	15
FARMING, FORESTRY, AND FISHING OCCUPATIONS	28	28	-	-	-	-	-	-	-	7	21	-
FARM OPERATORS AND MANAGERS	-	-	-	-	-	-	-	-	-	-	-	-
FARM WORKERS AND RELATED OCCUPATIONS	28	28	-	-	-	-	-	-	-	7	21	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	370	328	8	8	-	-	34	-	8	53	255	45
MECHANICS AND REPAIRERS	32	32	-	-	-	-	-	-	-	-	22	10
CONSTRUCTION TRADES	17	9	8	8	-	-	-	-	-	-	17	-
PRECISION PRODUCTION OCCUPATIONS	321	287	-	-	-	-	34	-	8	53	216	35
OPERATORS, FABRICATORS, AND LABORERS	2 108	2 041	59	8	8	43	8	-	129	279	1 429	184
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	1 080	1 064	16	-	-	16	-	-	70	141	759	69
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	687	660	27	-	-	27	-	-	29	71	472	82
TRANSPORTATION OCCUPATIONS	28	20	8	-	8	-	-	-	-	20	-	-
MOTOR VEHICLE OPERATORS	28	20	8	-	8	-	-	-	-	20	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	20	20	-	-	-	-	-	-	-	-	11	9
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	293	277	8	8	-	-	8	-	30	47	187	24
CONSTRUCTION LABORERS	5	5	-	-	-	-	-	-	-	-	5	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	70	54	8	8	-	-	8	-	-	34	36	-

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

LAWRENCE-HAVERHILL, MA-NH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS: TOTAL	GOVERNMENT WORKERS: FEDERAL	GOVERNMENT WORKERS: STATE	GOVERNMENT WORKERS: LOCAL	SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
MALES 16 YEARS AND OVER	72 910	59 045	9 071	2 475	1 455	5 141	4 695	99	1 990	5 983	36 956	26 470
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	18 411	13 344	3 502	766	744	1 992	1 558	7	211	654	9 622	7 669
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	9 669	7 678	1 355	595	235	525	629	7	82	197	4 657	4 600
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	303	5	298	115	24	159	-	-	6	10	195	84
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	318	107	211	-	36	175	-	-	8	12	143	150
MANAGERS, MEDICINE AND HEALTH	64	43	21	-	6	15	-	-	-	-	42	22
OTHER SPECIFIED MANAGERS	1 745	1 592	73	45	11	17	80	-	41	26	813	851
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	4 544	4 382	162	59	54	49	-	-	16	85	2 003	2 357
MANUFACTURING	2 021	2 008	13	13	-	-	-	-	4	22	951	1 020
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	354	348	6	-	-	6	-	-	6	4	191	146
WHOLESALE AND RETAIL TRADE	957	957	-	-	-	-	-	-	-	26	256	652
ALL OTHER INDUSTRIES	1 212	1 069	143	46	54	43	-	-	6	33	605	539
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	392	-	-	-	-	-	385	7	-	28	100	247
CONSTRUCTION	68	-	-	-	-	-	68	-	-	15	38	-
MANUFACTURING	91	-	-	-	-	-	91	-	-	-	28	63
WHOLESALE AND RETAIL TRADE	150	-	-	-	-	-	143	7	-	7	5	136
ALL OTHER INDUSTRIES	83	-	-	-	-	-	83	-	-	6	29	48
MANAGEMENT RELATED OCCUPATIONS	2 303	1 549	590	376	104	110	164	-	11	36	1 361	889
ACCOUNTANTS AND AUDITORS	949	658	208	152	32	24	83	-	-	6	479	464
BUYERS AND PURCHASING AGENTS	406	396	-	-	-	-	10	-	-	5	253	148
PROFESSIONAL SPECIALTY OCCUPATIONS	8 742	5 666	2 147	171	509	1 467	929	-	129	457	4 965	3 069
ENGINEERS, ARCHITECTS, AND SURVEYORS	3 270	3 044	170	64	80	26	56	-	11	70	2 134	1 003
ARCHITECTS	70	57	-	-	-	-	13	-	-	8	25	27
ENGINEERS	3 162	2 956	170	64	80	26	36	-	11	54	2 086	969
ELECTRICAL AND ELECTRONIC ENGINEERS	1 078	1 059	19	13	6	-	-	-	-	20	734	305
MECHANICAL ENGINEERS	442	422	6	6	-	-	14	-	-	-	259	183
OTHER ENGINEERS	1 642	1 475	145	45	74	26	22	-	11	34	1 093	481
SURVEYORS AND MAPPING SCIENTISTS	38	31	-	-	-	-	7	-	-	8	23	7
MATHEMATICAL AND COMPUTER SCIENTISTS	407	351	37	21	6	10	19	-	8	18	235	146
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	294	259	22	6	6	10	13	-	8	18	164	104
NATURAL SCIENTISTS	268	183	73	30	36	7	12	-	-	6	192	70
HEALTH DIAGNOSING OCCUPATIONS	532	227	5	5	-	-	300	-	-	37	143	341
PHYSICIANS	293	176	-	-	-	-	117	-	-	12	46	224
DENTISTS	133	29	5	5	-	-	99	-	-	19	69	45
OTHER HEALTH DIAGNOSING PRACTITIONERS	106	22	-	-	-	-	84	-	-	6	28	72
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	214	159	37	18	-	19	18	-	5	19	87	103
REGISTERED NURSES	41	41	-	-	-	-	-	-	-	5	30	6
PHARMACISTS	122	85	19	-	-	19	18	-	5	14	20	83
THERAPISTS	45	27	18	18	-	-	-	-	-	-	37	8
TEACHERS, LIBRARIANS, AND COUNSELORS	2 123	504	1 570	6	233	1 331	49	-	62	189	1 158	676
TEACHERS, POSTSECONDARY	311	159	152	-	152	-	-	-	13	16	154	128
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	817	105	712	-	31	681	-	-	18	80	437	259
TEACHERS, SECONDARY	698	98	600	-	26	574	-	-	6	41	416	225
SOCIAL SCIENTISTS AND URBAN PLANNERS	231	185	36	-	6	30	10	-	-	18	169	44
SOCIAL AND RECREATION WORKERS	275	125	145	9	98	38	5	-	7	12	197	59
RELIGIOUS WORKERS	169	126	5	-	5	-	38	-	-	2	47	120
LAWYERS AND JUDGES	421	123	60	12	42	6	238	-	-	20	159	242
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	832	639	9	6	3	-	184	-	36	66	444	265
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	14 451	12 102	1 515	1 025	169	321	811	23	298	1 224	7 361	5 328
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	3 198	2 898	242	96	36	110	53	5	17	143	1 934	1 047
HEALTH TECHNOLOGISTS AND TECHNICIANS	211	181	30	12	7	11	-	-	10	22	101	72
LICENSED PRACTICAL NURSES	20	7	13	-	7	6	-	-	-	7	7	-
ENGINEERING AND SCIENCE TECHNICIANS	2 160	2 023	104	34	17	53	28	5	7	81	1 288	759
ELECTRICAL AND ELECTRONIC TECHNICIANS	942	914	20	8	-	12	8	-	-	18	522	383
DRAFTING AND SURVEYING TECHNICIANS	721	654	53	16	13	24	14	-	-	33	446	236
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	827	694	108	50	12	46	25	-	-	40	545	216
AIRPLANE PILOTS AND NAVIGATORS	73	73	-	-	-	-	-	-	-	27	29	5
COMPUTER PROGRAMMERS	278	248	23	12	-	11	7	-	-	7	219	45
SALES OCCUPATIONS	5 955	5 187	35	-	15	20	721	12	172	659	2 319	2 740
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 361	1 063	4	-	-	4	282	12	-	40	317	985
SELF-EMPLOYED	294	-	-	-	-	-	282	12	-	6	76	212
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	1 146	918	6	-	6	-	222	-	7	94	592	435
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	1 509	1 420	-	-	-	-	89	-	22	94	772	612
SALES WORKERS, RETAIL AND PERSONAL SERVICES	1 939	1 786	25	-	9	16	128	-	143	431	638	708
CASHIERS	260	254	-	-	-	-	6	-	20	136	79	18
SALES RELATED OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

LAWRENCE-HAVERHILL, MA-NH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS TOTAL	FEDERAL	STATE	LOCAL	SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	5 298	4 017	1 238	929	118	191	37	6	109	422	3 108	1 541
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	757	607	150	98	35	17	-	-	5	16	455	270
COMPUTER EQUIPMENT OPERATORS	290	235	40	40	-	-	15	-	11	7	151	121
SECRETARIES, STENOGRAPHERS, AND TYPISTS	58	38	10	-	10	-	10	-	-	6	31	21
SECRETARIES	33	33	-	-	-	-	-	-	-	6	21	6
RECEPTIONISTS	13	6	7	7	-	-	-	-	-	7	6	-
FILE CLERKS	86	67	19	-	-	19	-	-	19	-	41	26
FINANCIAL RECORDS PROCESSING OCCUPATIONS	241	173	68	40	7	21	-	-	12	25	156	48
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	135	109	26	19	7	-	-	-	12	7	85	31
TELEPHONE OPERATORS	21	21	-	-	-	-	-	-	-	9	12	-
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	693	115	578	569	9	-	-	-	5	43	439	187
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	1 323	1 278	45	12	-	33	-	-	6	106	743	414
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	97	91	-	-	-	-	6	-	-	9	68	20
BANK TELLERS	31	31	-	-	-	-	-	-	-	11	13	7
DATA-ENTRY KEYERS	36	36	-	-	-	-	-	-	-	13	18	5
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	1 652	1 319	321	163	57	101	6	6	51	170	975	422
SERVICE OCCUPATIONS	6 750	4 179	2 261	163	237	1 861	310	-	632	1 201	2 703	2 039
PRIVATE HOUSEHOLD OCCUPATIONS	34	34	-	-	-	-	-	-	22	12	-	-
PROTECTIVE SERVICE OCCUPATIONS	2 194	716	1 467	67	151	1 249	11	-	79	149	858	1 065
FIREFIGHTING OCCUPATIONS	543	-	543	4	11	528	-	-	6	7	90	429
POLICE AND DETECTIVES, PUBLIC SERVICE	539	-	539	29	71	439	-	-	-	-	298	241
GUARDS	804	663	130	29	37	64	11	-	67	142	336	234
OTHER PROTECTIVE SERVICE OCCUPATIONS	308	53	255	5	32	218	-	-	6	-	134	161
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	4 522	3 429	794	96	86	612	299	-	531	1 040	1 845	974
FOOD PREPARATION AND SERVICE OCCUPATIONS	1 589	1 474	64	13	6	45	51	-	302	561	434	250
WAITERS AND FOOD COUNTER WORKERS	162	150	5	-	-	5	7	-	56	51	42	13
COOKS	610	562	28	6	-	22	20	-	89	195	198	99
HEALTH SERVICE OCCUPATIONS	194	101	93	28	36	29	-	-	-	22	102	70
NURSING AIDES, ORDERLIES, AND ATTENDANTS	130	51	79	28	36	15	-	-	-	11	68	51
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	2 216	1 581	595	41	44	510	40	-	201	345	1 100	493
PERSONAL SERVICE OCCUPATIONS	523	273	42	14	-	28	208	-	28	112	209	161
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	344	129	7	7	-	-	208	-	-	42	165	124
FARMING, FORESTRY, AND FISHING OCCUPATIONS	687	419	93	20	-	73	141	34	58	116	325	188
FARM OPERATORS AND MANAGERS	173	70	5	5	-	-	98	-	6	35	51	81
FARM OCCUPATIONS, EXCEPT MANAGERIAL	159	117	8	8	-	-	-	34	27	28	71	33
RELATED AGRICULTURAL OCCUPATIONS	300	191	80	7	-	73	29	-	11	53	176	60
FORESTRY AND FISHING OCCUPATIONS	55	41	-	-	-	-	14	-	14	-	27	14
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	15 774	13 303	825	282	136	407	1 631	15	184	957	8 105	6 098
MECHANICS AND REPAIRERS	4 554	3 892	240	112	27	101	422	-	70	258	2 255	1 855
AUTOMOBILE MECHANICS, INCLUDING BODY	1 562	1 255	71	23	6	42	236	-	19	105	779	620
AIRCRAFT MECHANICS	93	93	-	-	-	-	-	-	-	-	76	11
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	194	140	14	-	6	8	40	-	-	15	77	102
OTHER MECHANICS AND REPAIRERS	2 705	2 404	155	89	15	51	146	-	51	138	1 323	1 122
CONSTRUCTION TRADES	4 588	3 207	382	95	90	197	992	7	84	422	2 640	1 299
CARPENTERS	1 294	977	42	5	16	21	268	7	21	141	732	352
ELECTRICIANS	653	538	27	11	-	16	88	-	14	27	327	278
PAINTERS, CONSTRUCTION AND MAINTENANCE	453	275	50	4	13	33	128	-	10	43	273	104
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	555	292	151	54	19	78	112	-	10	35	355	136
OTHER CONSTRUCTION TRADES	1 633	1 125	112	21	42	49	396	-	29	176	953	429
EXTRACTIVE OCCUPATIONS	24	24	-	-	-	-	-	-	-	-	17	7
PRECISION PRODUCTION OCCUPATIONS	6 608	6 180	203	75	19	109	217	8	30	277	3 193	2 937
SUPERVISORS, PRODUCTION OCCUPATIONS	2 867	2 762	79	41	6	32	26	-	-	82	1 332	1 391
MANUFACTURING	2 449	2 376	54	41	6	7	19	-	-	69	1 166	1 180
PRECISION METALWORKING OCCUPATIONS	1 862	1 764	38	30	-	8	52	8	5	81	793	921
TOOL AND DIE MAKERS	270	261	-	-	-	-	9	-	-	5	86	179
MACHINISTS	1 093	1 042	24	16	-	8	19	8	-	48	486	519
SHEET METAL WORKERS	217	196	14	14	-	-	7	-	5	9	126	77
OTHER PRECISION METAL WORKERS	282	265	-	-	-	-	17	-	-	19	95	146
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	375	311	-	-	-	-	64	-	5	32	282	42
PLANT AND SYSTEM OPERATORS	226	153	73	-	13	60	-	-	-	-	162	55
OTHER PRECISION PRODUCTION OCCUPATIONS	1 278	1 190	13	4	-	9	75	-	20	82	624	528

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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LAWRENCE-HAVERHILL, MA-NH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	16 837	15 698	875	219	169	487	244	20	607	1 831	8 840	5 148
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	9 399	9 068	236	132	35	69	95	-	146	499	5 508	2 983
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	6 011	5 836	110	53	12	45	65	-	96	297	3 454	1 982
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	624	616	-	-	-	-	8	-	15	18	334	233
PRINTING MACHINE OPERATORS	414	382	15	6	-	9	17	-	13	7	224	159
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	1 095	1 038	36	17	6	13	21	-	25	108	728	207
TEXTILE MACHINE OPERATORS	519	503	16	9	-	7	-	-	-	21	361	126
TEXTILE SEWING MACHINE OPERATORS	58	58	-	-	-	-	-	-	-	-	41	17
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	99	70	8	8	-	-	21	-	-	40	27	32
OTHER SPECIFIED MACHINE OPERATORS	1 526	1 484	30	19	6	5	12	-	28	53	835	578
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	2 352	2 316	29	11	-	18	7	-	15	111	1 333	805
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	555	543	5	-	-	5	7	-	-	18	255	252
MACHINE OPERATORS, NOT SPECIFIED	1 797	1 773	24	11	-	13	-	-	15	93	1 078	553
INDUSTRY:												
MANUFACTURING	2 220	2 195	18	5	-	13	7	-	9	93	1 257	786
NONDURABLE GOODS	924	911	6	-	-	6	7	-	9	19	484	375
FOOD AND KINDRED PRODUCTS	42	36	6	-	-	6	-	-	5	-	14	23
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	185	185	-	-	-	-	-	-	-	-	127	58
PAPER AND ALLIED PRODUCTS	261	254	-	-	-	-	7	-	4	-	97	143
OTHER NONDURABLE GOODS	436	436	-	-	-	-	-	-	-	19	246	151
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	1 296	1 284	12	5	-	7	-	-	-	74	773	411
METAL INDUSTRIES	157	157	-	-	-	-	-	-	-	21	107	25
MACHINERY, INCLUDING ELECTRICAL	819	807	12	5	-	7	-	-	-	22	443	326
TRANSPORTATION EQUIPMENT	100	100	-	-	-	-	-	-	-	10	63	27
OTHER DURABLE GOODS	220	220	-	-	-	-	-	-	-	21	160	33
NONMANUFACTURING INDUSTRIES	132	121	11	6	-	5	-	-	6	18	76	19
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	27	27	-	-	-	-	-	-	-	5	16	6
WHOLESALE AND RETAIL TRADE	67	67	-	-	-	-	-	-	-	13	33	8
ALL OTHER INDUSTRIES	38	27	11	6	-	5	-	-	6	-	27	5
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	2 345	2 227	88	55	9	24	30	-	30	143	1 527	601
WELDERS AND CUTTERS	516	472	30	17	3	10	14	-	5	23	329	122
ASSEMBLERS	1 739	1 677	52	38	-	14	10	-	25	112	1 163	432
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	90	78	6	-	6	-	6	-	-	8	35	47
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 043	1 005	38	24	14	-	-	-	20	59	527	400
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	3 563	3 157	299	24	82	193	102	5	107	244	1 623	1 507
MOTOR VEHICLE OPERATORS	2 571	2 275	214	5	77	132	82	-	90	186	1 084	1 148
TRUCK DRIVERS AND DRIVER-SALES WORKERS	2 253	2 006	176	-	65	111	71	-	43	142	962	1 058
BUS DRIVERS	79	61	18	-	12	6	-	-	21	10	33	15
RAIL AND WATER TRANSPORTATION OCCUPATIONS	35	29	6	-	-	6	-	-	-	-	15	14
MATERIAL MOVING EQUIPMENT OPERATORS	957	853	79	19	5	55	20	5	17	58	524	345
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	60	40	12	-	-	12	8	-	7	9	26	18
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	3 875	3 473	340	63	52	225	47	15	354	1 088	1 709	658
CONSTRUCTION LABORERS	508	394	108	26	34	48	-	6	13	93	330	72
FREIGHT, STOCK, AND MATERIAL HANDLERS	1 447	1 347	93	26	-	67	7	-	247	615	386	167
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	338	332	-	-	-	-	6	-	36	152	83	67
HAND PACKERS AND PACKAGERS	354	354	-	-	-	-	-	-	12	49	189	91
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	263	238	16	5	-	11	-	9	29	41	123	61
LABORERS, EXCEPT CONSTRUCTION	965	808	123	6	18	99	34	-	17	138	598	200
MANUFACTURING	365	359	6	6	-	-	-	-	17	37	224	83
NONDURABLE GOODS	224	224	-	-	-	-	-	-	17	24	144	39
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	141	135	6	6	-	-	-	-	-	13	80	44
METAL INDUSTRIES	24	24	-	-	-	-	-	-	-	-	9	15
NONMANUFACTURING INDUSTRIES	600	449	117	-	18	99	34	-	-	101	374	117
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	137	62	62	-	-	62	13	-	-	16	98	23
WHOLESALE AND RETAIL TRADE	260	255	-	-	-	-	5	-	-	41	160	55
ALL OTHER INDUSTRIES	203	132	55	-	18	37	16	-	-	44	116	39

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LAWRENCE-HAVERHILL, MA-NH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS				
TOTAL												
FEMALES 16 YEARS AND OVER	56 878	44 544	10 576	2 539	1 359	6 678	1 473	285	4 074	14 888	29 109	7 173
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	11 787	6 147	5 084	801	607	3 676	499	57	771	2 578	6 486	1 609
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	3 820	2 602	1 034	640	142	252	147	37	113	451	2 438	766
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	102	-	102	26	26	50	-	-	23	21	39	19
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	232	139	86	5	18	63	7	-	-	51	127	47
MANAGERS, MEDICINE AND HEALTH	57	51	6	6	-	-	-	-	-	-	57	-
OTHER SPECIFIED MANAGERS	560	522	13	-	6	7	25	-	5	60	366	124
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	1 289	1 163	126	40	13	73	-	-	55	127	768	311
MANUFACTURING	223	217	6	6	-	-	-	-	-	6	155	55
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	80	74	6	6	-	-	-	-	-	6	50	19
WHOLESALE AND RETAIL TRADE	401	401	-	-	-	-	-	-	4	29	218	144
ALL OTHER INDUSTRIES	585	471	114	28	13	73	-	-	51	86	345	93
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	134	-	-	-	-	-	97	37	4	37	55	38
CONSTRUCTION	7	-	-	-	-	-	-	7	-	-	7	-
MANUFACTURING	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	28	-	-	-	-	-	17	11	-	7	21	-
ALL OTHER INDUSTRIES	99	-	-	-	-	-	80	19	4	30	27	38
MANAGEMENT RELATED OCCUPATIONS	1 446	727	701	563	79	59	18	-	26	155	1 026	227
ACCOUNTANTS AND AUDITORS	766	242	517	489	11	17	7	-	12	68	602	72
BUYERS AND PURCHASING AGENTS	171	159	7	7	-	-	5	-	6	11	111	43
PROFESSIONAL SPECIALTY OCCUPATIONS	7 967	3 545	4 050	161	465	3 424	352	20	658	2 127	4 048	843
ENGINEERS, ARCHITECTS, AND SURVEYORS	108	108	-	-	-	-	-	-	-	21	64	20
ARCHITECTS	6	6	-	-	-	-	-	-	-	-	-	6
ENGINEERS	102	102	-	-	-	-	-	-	-	21	64	14
ELECTRICAL AND ELECTRONIC ENGINEERS	45	45	-	-	-	-	-	-	-	14	19	9
MECHANICAL ENGINEERS	4	4	-	-	-	-	-	-	-	-	4	-
OTHER ENGINEERS	53	53	-	-	-	-	-	-	-	7	41	5
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	109	89	6	6	-	-	14	-	7	14	69	19
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	79	65	-	-	-	-	14	-	7	14	45	13
NATURAL SCIENTISTS	57	48	4	-	4	-	5	-	-	5	52	-
HEALTH DIAGNOSING OCCUPATIONS	31	31	-	-	-	-	-	-	-	11	14	6
PHYSICIANS	20	20	-	-	-	-	-	-	-	6	8	6
DENTISTS	6	6	-	-	-	-	-	-	-	-	6	-
OTHER HEALTH DIAGNOSING PRACTITIONERS	5	5	-	-	-	-	-	-	-	5	-	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	2 324	1 721	561	21	99	441	42	-	177	806	1 127	156
REGISTERED NURSES	1 987	1 488	475	16	91	368	24	-	161	698	951	124
PHARMACISTS	55	52	3	-	-	3	-	-	3	32	14	6
THERAPISTS	205	131	66	5	8	53	8	-	13	47	123	17
TEACHERS, LIBRARIANS, AND COUNSELORS	4 197	836	3 199	98	198	2 903	150	12	401	991	2 150	459
TEACHERS, POSTSECONDARY	190	97	93	-	84	9	-	-	39	30	58	43
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	2 518	367	2 126	52	41	2 033	25	-	165	634	1 356	251
TEACHERS, SECONDARY	698	81	617	6	28	583	-	-	34	133	379	117
SOCIAL SCIENTISTS AND URBAN PLANNERS	69	61	-	-	-	-	8	-	-	8	61	-
SOCIAL AND RECREATION WORKERS	404	191	208	17	137	54	5	-	5	65	237	81
RELIGIOUS WORKERS	69	56	6	-	6	-	7	-	6	13	43	7
LAWYERS AND JUDGES	61	15	28	-	14	14	18	-	-	30	19	12
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	538	389	38	19	7	12	103	8	62	163	212	83
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	23 641	19 087	3 940	1 478	556	1 906	448	166	1 849	6 704	12 253	2 356
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	1 987	1 634	307	47	64	196	34	12	108	534	1 044	229
HEALTH TECHNOLOGISTS AND TECHNICIANS	1 199	957	213	14	46	153	17	12	84	463	538	59
LICENSED PRACTICAL NURSES	648	477	153	6	35	112	12	6	27	270	282	29
ENGINEERING AND SCIENCE TECHNICIANS	433	407	26	12	8	6	-	-	18	9	318	71
ELECTRICAL AND ELECTRONIC TECHNICIANS	164	144	20	12	8	-	-	-	-	-	114	43
DRAFTING AND SURVEYING TECHNICIANS	105	99	6	-	-	6	-	-	-	-	85	15
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	355	270	68	21	10	37	17	-	6	62	188	99
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	188	170	7	7	-	-	11	-	6	26	91	65
SALES OCCUPATIONS	5 317	4 898	69	-	15	54	326	24	872	2 467	1 413	461
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	514	379	-	-	-	-	130	5	46	79	239	139
SELF-EMPLOYED	135	-	-	-	-	-	130	5	26	19	34	51
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	559	487	-	-	-	-	72	-	13	204	212	117
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	220	210	-	-	-	-	10	-	10	60	98	52
SALES WORKERS, RETAIL AND PERSONAL SERVICES	4 016	3 814	69	-	15	54	114	19	803	2 124	856	153
CASHIERS	1 740	1 671	63	-	15	48	-	6	312	1 092	260	48
SALES RELATED OCCUPATIONS	8	8	-	-	-	-	-	-	-	-	8	-

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

LAWRENCE-HAVERHILL, MA-NH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	16 337	12 555	3 564	1 431	477	1 656	88	130	869	3 703	9 796	1 666
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	798	641	151	104	18	29	6	-	10	77	548	155
COMPUTER EQUIPMENT OPERATORS	422	335	87	71	9	7	-	-	7	41	272	90
SECRETARIES, STENOGRAPHERS, AND TYPISTS	5 257	4 159	1 034	214	169	651	25	39	248	1 125	3 431	357
SECRETARIES	4 388	3 653	685	105	84	496	11	39	194	907	2 896	303
RECEPTIONISTS	506	461	45	-	22	23	-	-	43	168	257	38
FILE CLERKS	392	232	160	119	16	25	-	-	49	60	219	55
FINANCIAL RECORDS PROCESSING OCCUPATIONS	2 438	2 030	282	75	35	172	46	80	105	691	1 297	307
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	1 948	1 640	182	69	35	78	46	80	93	610	980	227
TELEPHONE OPERATORS	464	424	40	5	16	19	-	-	20	134	269	23
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	113	60	53	53	-	-	-	-	11	49	41	6
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	374	374	-	-	-	-	-	-	11	62	226	68
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	94	94	-	-	-	-	-	-	-	5	69	20
BANK TELLERS	566	559	7	7	-	-	-	-	40	182	280	49
DATA-ENTRY KEYERS	640	381	259	241	-	18	-	-	7	53	497	62
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	4 273	2 805	1 446	542	192	712	11	11	318	1 056	2 390	436
SERVICE OCCUPATIONS	7 644	6 080	1 167	60	152	955	350	47	1 178	3 703	2 105	481
PRIVATE HOUSEHOLD OCCUPATIONS	302	302	-	-	-	-	-	-	128	129	27	18
PROTECTIVE SERVICE OCCUPATIONS	145	39	106	-	17	89	-	-	31	74	18	15
FIREFIGHTING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
POLICE AND DETECTIVES, PUBLIC SERVICE	11	-	11	-	11	-	-	-	-	11	-	-
GUARDS	128	39	89	-	-	89	-	-	31	63	12	15
OTHER PROTECTIVE SERVICE OCCUPATIONS	6	-	6	-	6	-	-	-	-	-	6	-
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	7 197	5 739	1 061	60	135	866	350	47	1 019	3 500	2 060	448
FOOD PREPARATION AND SERVICE OCCUPATIONS	3 208	2 707	449	6	27	416	37	15	547	1 884	584	142
WAITERS AND FOOD COUNTER WORKERS	1 645	1 592	37	6	-	31	16	-	318	1 000	227	60
COOKS	463	364	88	-	11	77	11	-	36	239	150	27
HEALTH SERVICE OCCUPATIONS	1 899	1 668	224	28	45	151	7	-	129	729	875	117
NURSING AIDES, ORDERLIES, AND ATTENDANTS	1 377	1 200	170	22	45	103	7	-	68	559	610	91
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	594	517	50	-	19	31	20	7	148	158	235	46
PERSONAL SERVICE OCCUPATIONS	1 496	847	338	26	44	268	286	25	195	729	366	143
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	552	321	6	-	-	6	210	15	24	282	180	47
FARMING, FORESTRY, AND FISHING OCCUPATIONS	216	136	8	-	8	-	66	6	35	50	74	38
FARM OPERATORS AND MANAGERS	52	19	-	-	-	-	33	-	12	9	20	11
FARM OCCUPATIONS, EXCEPT MANAGERIAL	57	43	8	-	8	-	-	6	10	15	14	12
RELATED AGRICULTURAL OCCUPATIONS	86	67	-	-	-	-	19	-	6	19	33	15
FORESTRY AND FISHING OCCUPATIONS	21	7	-	-	-	-	14	-	7	7	7	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	2 245	2 123	53	11	12	30	60	9	31	247	1 248	621
MECHANICS AND REPAIRERS	344	305	9	5	-	4	21	9	-	19	171	128
AUTOMOBILE MECHANICS, INCLUDING BODY	31	8	-	-	-	-	14	9	-	-	31	-
AIRCRAFT MECHANICS	7	7	-	-	-	-	-	-	-	-	7	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	6	6	-	-	-	-	-	-	-	-	6	-
OTHER MECHANICS AND REPAIRERS	300	284	9	5	-	4	7	-	-	19	127	128
CONSTRUCTION TRADES	61	39	7	-	-	7	15	-	4	31	19	7
CARPENTERS	12	12	-	-	-	-	-	-	-	9	3	-
ELECTRICIANS	-	-	-	-	-	-	-	-	-	-	-	-
PAINTERS, CONSTRUCTION AND MAINTENANCE	21	7	7	-	-	7	7	-	4	10	-	7
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER CONSTRUCTION TRADES	28	20	-	-	-	-	8	-	-	12	16	-
EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	1 840	1 779	37	6	12	19	24	-	27	197	1 058	486
SUPERVISORS, PRODUCTION OCCUPATIONS	387	387	-	-	-	-	-	-	8	18	217	139
MANUFACTURING	336	336	-	-	-	-	-	-	-	12	195	124
PRECISION METALWORKING OCCUPATIONS	204	204	-	-	-	-	-	-	-	27	92	85
TOOL AND DIE MAKERS	-	-	-	-	-	-	-	-	-	-	-	-
MACHINISTS	59	59	-	-	-	-	-	-	-	9	50	-
SHEET METAL WORKERS	13	13	-	-	-	-	-	-	-	-	13	-
OTHER PRECISION METAL WORKERS	132	132	-	-	-	-	-	-	-	18	29	85
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	206	182	-	-	-	-	24	-	-	61	125	14
PLANT AND SYSTEM OPERATORS	6	-	6	-	6	-	-	-	-	-	6	-
OTHER PRECISION PRODUCTION OCCUPATIONS	1 037	1 006	31	6	6	19	-	-	19	91	618	248

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

LAWRENCE-HAVERHILL, MA-NH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	11 345	10 971	324	189	24	111	50	-	210	1 606	6 943	2 068
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	9 743	9 479	241	171	5	65	23	-	144	1 089	6 206	1 849
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	4 801	4 675	109	63	-	46	17	-	118	772	2 858	804
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	189	189	-	-	-	-	-	-	-	37	116	36
PRINTING MACHINE OPERATORS	70	61	9	9	-	-	-	-	-	14	52	4
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	2 089	2 039	33	-	-	33	17	-	105	471	1 178	262
TEXTILE MACHINE OPERATORS	177	171	-	-	-	-	6	-	7	29	102	32
TEXTILE SEWING MACHINE OPERATORS	882	882	-	-	-	-	-	-	35	202	493	113
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	112	99	7	-	-	7	6	-	-	57	49	6
OTHER SPECIFIED MACHINE OPERATORS	678	671	7	7	-	-	-	-	13	89	379	145
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	1 775	1 715	60	47	-	13	-	-	-	161	1 133	357
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	588	562	26	26	-	-	-	-	-	68	339	148
MACHINE OPERATORS, NOT SPECIFIED	1 187	1 153	34	21	-	13	-	-	-	93	794	209
INDUSTRY:												
MANUFACTURING	1 701	1 653	48	41	-	7	-	-	-	136	1 113	346
NONDURABLE GOODS	357	353	4	4	-	-	-	-	-	77	222	38
FOOD AND KINDRED PRODUCTS	19	19	-	-	-	-	-	-	-	7	6	6
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	122	118	4	4	-	-	-	-	-	18	92	6
PAPER AND ALLIED PRODUCTS	37	37	-	-	-	-	-	-	-	6	31	-
OTHER NONDURABLE GOODS	179	179	-	-	-	-	-	-	-	46	93	26
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	1 344	1 300	44	37	-	7	-	-	-	59	891	308
METAL INDUSTRIES	46	46	-	-	-	-	-	-	-	13	27	6
MACHINERY, INCLUDING ELECTRICAL	1 135	1 112	23	16	-	7	-	-	-	40	758	281
TRANSPORTATION EQUIPMENT	75	54	21	21	-	-	-	-	-	-	51	6
OTHER DURABLE GOODS	88	88	-	-	-	-	-	-	-	6	55	15
NONMANUFACTURING INDUSTRIES	74	62	12	6	-	6	-	-	-	25	20	11
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	5	5	-	-	-	-	-	-	-	-	-	5
WHOLESALE AND RETAIL TRADE	18	18	-	-	-	-	-	-	-	6	7	-
ALL OTHER INDUSTRIES	51	39	12	6	-	6	-	-	-	19	13	6
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	3 363	3 256	101	84	5	12	6	-	20	205	2 282	711
WELDERS AND CUTTERS	70	70	-	-	-	-	-	-	-	-	50	12
ASSEMBLERS	2 820	2 758	62	45	5	12	-	-	10	170	1 902	628
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	473	428	39	39	-	-	6	-	10	35	330	71
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 579	1 548	31	24	-	7	-	-	6	112	1 066	334
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	426	366	39	5	11	23	21	-	25	191	100	87
MOTOR VEHICLE OPERATORS	334	279	34	-	11	23	21	-	25	191	53	42
TRUCK DRIVERS AND DRIVER-SALES WORKERS	70	70	-	-	-	-	-	-	-	14	25	31
BUS DRIVERS	257	202	34	-	11	23	21	-	25	170	28	11
RAIL AND WATER TRANSPORTATION OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	92	87	5	5	-	-	-	-	-	-	47	45
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	6	6	-	-	-	-	-	-	-	-	6	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	1 176	1 126	44	13	8	23	6	-	41	326	637	132
CONSTRUCTION LABORERS	8	8	-	-	-	-	-	-	-	-	8	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	253	234	13	6	-	7	6	-	18	114	74	36
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	20	20	-	-	-	-	-	-	-	-	13	7
HAND PACKERS AND PACKAGERS	731	722	9	-	-	9	-	-	16	170	444	72
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	20	20	-	-	-	-	-	-	-	-	14	6
LABORERS, EXCEPT CONSTRUCTION	144	122	22	7	8	7	-	-	7	42	84	11
MANUFACTURING	73	66	7	7	-	-	-	-	-	26	47	-
NONDURABLE GOODS	48	48	-	-	-	-	-	-	-	20	28	-
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	25	18	7	7	-	-	-	-	-	6	19	-
METAL INDUSTRIES	-	-	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING INDUSTRIES	71	56	15	-	8	7	-	-	7	16	37	11
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	25	25	-	-	-	-	-	-	-	-	14	11
ALL OTHER INDUSTRIES	46	31	15	-	8	7	-	-	7	16	23	-

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

PROVIDENCE-WARWICK-PAWTUCKET, RI-MA SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
MALES 16 YEARS AND OVER	232 838	184 185	33 721	7 157	11 732	14 832	14 562	370	8 133	22 827	112 789	81 983
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	53 834	36 487	12 247	1 554	4 679	6 014	5 033	67	1 365	3 396	25 016	23 088
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	29 737	23 339	4 457	908	1 857	1 692	1 896	45	379	972	13 508	14 371
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	1 163	10	1 153	287	428	438	-	-	14	11	794	321
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	1 232	357	859	12	217	630	-	16	39	21	601	556
MANAGERS, MEDICINE AND HEALTH	280	241	33	13	20	-	6	-	-	-	158	112
OTHER SPECIFIED MANAGERS	5 355	4 869	271	115	113	43	203	12	51	97	2 505	2 609
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	14 308	13 666	642	136	249	257	-	-	172	514	5 592	7 782
MANUFACTURING	5 747	5 741	6	6	-	-	-	-	20	159	2 312	3 174
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	782	649	133	50	45	38	-	-	5	12	402	345
WHOLESALE AND RETAIL TRADE	3 752	3 734	18	-	18	-	-	-	35	72	1 079	2 500
ALL OTHER INDUSTRIES	4 027	3 542	485	80	186	219	-	-	112	271	1 799	1 763
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	1 220	-	-	-	-	-	1 203	17	30	116	323	722
CONSTRUCTION	132	-	-	-	-	-	132	-	-	24	62	35
MANUFACTURING	293	-	-	-	-	-	287	6	19	26	118	130
WHOLESALE AND RETAIL TRADE	478	-	-	-	-	-	478	-	11	44	65	340
ALL OTHER INDUSTRIES	317	-	-	-	-	-	306	11	-	22	78	217
MANAGEMENT RELATED OCCUPATIONS	6 179	4 196	1 499	345	830	324	484	-	73	213	3 535	2 269
ACCOUNTANTS AND AUDITORS	2 519	1 725	449	90	301	58	345	-	43	84	1 367	991
BUYERS AND PURCHASING AGENTS	1 018	953	47	17	22	8	18	-	-	21	552	435
PROFESSIONAL SPECIALTY OCCUPATIONS	24 097	13 148	7 790	646	2 822	4 322	3 137	22	986	2 424	11 508	8 717
ENGINEERS, ARCHITECTS, AND SURVEYORS	4 653	3 852	615	223	249	143	186	-	39	141	2 912	1 454
ARCHITECTS	250	139	25	-	6	19	86	-	6	21	122	81
ENGINEERS	4 273	3 626	553	223	220	110	94	-	33	114	2 707	1 339
ELECTRICAL AND ELECTRONIC ENGINEERS	831	723	85	77	8	-	23	-	7	24	555	239
MECHANICAL ENGINEERS	860	766	72	52	20	-	22	-	-	26	527	287
OTHER ENGINEERS	2 582	2 137	396	94	192	110	49	-	26	64	1 625	813
SURVEYORS AND MAPPING SCIENTISTS	130	87	37	-	23	14	6	-	-	6	83	34
MATHEMATICAL AND COMPUTER SCIENTISTS	725	604	109	40	62	7	12	-	20	14	480	203
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	507	434	61	21	33	7	12	-	20	14	320	153
NATURAL SCIENTISTS	626	408	204	70	127	7	14	-	9	55	409	139
HEALTH DIAGNOSING OCCUPATIONS	2 281	1 089	122	35	87	-	1 070	-	54	169	645	1 389
PHYSICIANS	1 530	898	102	35	67	-	530	-	44	59	318	1 085
DENTISTS	490	118	14	-	14	-	358	-	5	91	223	171
OTHER HEALTH DIAGNOSING PRACTITIONERS	261	73	6	-	6	-	182	-	5	19	104	133
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	952	767	142	32	72	38	43	-	25	95	404	412
REGISTERED NURSES	178	127	51	17	34	-	-	-	-	22	106	43
PHARMACISTS	492	444	14	-	6	8	34	-	25	68	125	265
THERAPISTS	206	163	38	15	17	6	5	-	-	5	141	60
TEACHERS, LIBRARIANS, AND COUNSELORS	7 542	2 182	5 260	65	1 290	3 905	92	8	519	1 254	3 431	2 222
TEACHERS, POSTSECONDARY	2 063	1 065	998	6	985	7	-	-	240	344	663	792
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	2 425	378	2 047	28	59	1 960	-	-	93	429	1 202	649
TEACHERS, SECONDARY	1 994	278	1 716	10	26	1 680	-	-	56	336	970	624
SOCIAL SCIENTISTS AND URBAN PLANNERS	478	255	204	30	83	91	19	-	-	19	257	197
SOCIAL AND RECREATION WORKERS	963	326	621	49	505	67	16	-	29	108	607	203
RELIGIOUS WORKERS	949	861	1	-	-	1	87	-	18	64	187	664
LAWYERS AND JUDGES	1 600	467	259	46	191	22	874	-	38	45	646	865
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	3 328	2 337	253	56	156	41	724	14	235	460	1 530	969
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	43 065	34 283	6 166	3 522	1 905	739	2 556	60	1 795	4 453	21 578	14 320
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	5 797	4 418	1 289	508	496	285	83	7	248	434	3 411	1 609
HEALTH TECHNOLOGISTS AND TECHNICIANS	715	537	171	55	59	57	-	7	17	46	385	267
LICENSED PRACTICAL NURSES	42	26	16	-	16	-	-	-	-	7	26	9
ENGINEERING AND SCIENCE TECHNICIANS	3 340	2 697	593	323	208	62	50	-	110	167	2 069	919
ELECTRICAL AND ELECTRONIC TECHNICIANS	768	662	100	59	34	7	6	-	6	40	412	291
DRAFTING AND SURVEYING TECHNICIANS	1 385	1 050	312	231	54	27	23	-	-	93	1 026	225
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	1 742	1 184	525	130	229	166	33	-	121	221	957	423
AIRPLANE PILOTS AND NAVIGATORS	73	69	4	4	-	-	-	-	-	15	24	34
COMPUTER PROGRAMMERS	592	510	76	15	54	7	6	-	26	26	416	117
SALES OCCUPATIONS	20 171	17 624	164	52	104	8	2 335	48	829	2 449	8 499	7 990
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	4 598	3 733	22	16	6	-	839	4	52	116	1 535	2 819
SELF-EMPLOYED	843	-	-	-	-	-	839	4	-	23	256	558
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	4 018	3 323	37	18	11	8	658	-	118	333	2 056	1 450
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	4 663	4 258	21	11	10	-	376	8	82	143	2 564	1 778
SALES WORKERS, RETAIL AND PERSONAL SERVICES	6 805	6 252	78	7	71	-	439	36	577	1 838	2 310	1 916
CASHIERS	1 716	1 608	64	7	57	-	37	7	182	992	397	113
SALES RELATED OCCUPATIONS	87	58	6	-	6	-	23	-	-	19	34	27

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

PROVIDENCE-WARWICK-PAWTUCKET, RI-MA SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	17 097	12 241	4 713	2 962	1 305	446	138	5	718	1 570	9 668	4 721
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	2 623	1 889	709	277	366	66	25	-	13	98	1 433	1 026
COMPUTER EQUIPMENT OPERATORS	496	420	76	26	50	-	-	-	13	34	296	147
SECRETARIES, STENOGRAPHERS, AND TYPISTS	178	127	46	13	14	19	5	-	19	35	94	30
SECRETARIES	132	113	19	-	6	13	-	-	-	31	83	18
RECEPTIONISTS	89	44	45	-	38	7	-	-	14	26	38	11
FILE CLERKS	268	180	88	36	46	6	-	-	57	25	144	36
FINANCIAL RECORDS PROCESSING OCCUPATIONS	948	671	250	63	105	82	27	-	87	143	534	166
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	568	436	110	39	36	35	22	-	60	93	319	85
TELEPHONE OPERATORS	10	5	5	-	5	-	-	-	-	-	10	-
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	2 573	444	2 129	2 071	51	7	-	-	97	206	1 638	580
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	4 410	4 120	279	118	103	58	6	5	82	384	2 443	1 324
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	377	336	6	-	6	-	35	-	7	23	280	57
BANK TELLERS	174	168	6	-	6	-	-	-	11	15	142	6
DATA-ENTRY KEYERS	176	115	61	40	21	-	-	-	12	29	97	38
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	4 775	3 722	1 013	318	494	201	40	-	306	552	2 519	1 300
SERVICE OCCUPATIONS	26 330	16 246	9 076	556	3 155	5 365	944	64	2 454	5 810	10 708	6 584
PRIVATE HOUSEHOLD OCCUPATIONS	51	51	-	-	-	-	-	-	-	5	22	24
PROTECTIVE SERVICE OCCUPATIONS	6 513	1 686	4 807	207	1 039	3 561	20	-	166	545	2 607	3 028
FIREFIGHTING OCCUPATIONS	1 430	8	1 422	38	58	1 326	-	-	-	11	218	1 190
POLICE AND DETECTIVES, PUBLIC SERVICE	2 059	-	2 059	44	335	1 680	-	-	-	42	1 156	816
GUARDS	2 185	1 598	567	113	242	212	20	-	166	476	848	614
OTHER PROTECTIVE SERVICE OCCUPATIONS	839	80	759	12	404	343	-	-	-	16	385	408
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	19 766	14 509	4 269	349	2 116	1 804	924	64	2 288	5 260	8 079	3 532
FOOD PREPARATION AND SERVICE OCCUPATIONS	8 234	7 340	559	98	395	66	294	41	1 432	2 832	2 278	1 459
WAITERS AND FOOD COUNTER WORKERS	745	713	16	-	16	-	16	-	128	292	223	83
COOKS	3 354	2 985	170	22	120	28	173	26	384	1 093	984	797
HEALTH SERVICE OCCUPATIONS	1 360	718	635	27	561	47	7	-	85	276	745	229
NURSING AIDES, ORDERLIES, AND ATTENDANTS	1 090	532	551	13	501	37	7	-	66	182	639	178
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	8 523	5 507	2 853	218	1 027	1 608	140	23	596	1 741	4 447	1 438
PERSONAL SERVICE OCCUPATIONS	1 649	944	222	6	133	83	483	-	175	411	609	406
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	798	309	6	-	6	-	483	-	13	144	352	257
FARMING, FORESTRY, AND FISHING OCCUPATIONS	2 390	1 139	377	5	255	117	822	52	157	446	974	758
FARM OPERATORS AND MANAGERS	309	72	23	-	23	-	214	-	-	17	117	175
FARM OCCUPATIONS, EXCEPT MANAGERIAL	253	177	31	-	22	9	-	45	6	41	123	77
RELATED AGRICULTURAL OCCUPATIONS	1 087	672	298	5	200	93	110	7	98	158	547	242
FORESTRY AND FISHING OCCUPATIONS	741	218	25	-	10	15	498	-	53	230	187	264
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	49 235	42 604	2 562	637	745	1 180	3 970	99	636	2 763	25 410	18 653
MECHANICS AND REPAIRERS	13 938	12 036	881	243	260	378	977	44	206	641	7 010	5 604
AUTOMOBILE MECHANICS, INCLUDING BODY	4 558	3 589	306	50	55	201	635	28	94	254	2 277	1 759
AIRCRAFT MECHANICS	109	49	60	60	-	-	-	-	-	6	73	3
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	682	618	13	5	8	-	51	-	-	23	419	224
OTHER MECHANICS AND REPAIRERS	8 589	7 780	502	128	197	177	291	16	112	358	4 241	3 618
CONSTRUCTION TRADES	14 183	10 812	1 124	294	343	487	2 215	32	219	1 350	8 530	3 338
CARPENTERS	4 415	3 185	237	88	77	72	981	12	111	524	2 659	856
ELECTRICIANS	1 936	1 686	123	45	26	52	127	-	16	88	1 143	653
PAINTERS, CONSTRUCTION AND MAINTENANCE	1 240	818	149	10	65	74	273	-	20	228	765	172
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	1 863	1 417	211	123	46	42	235	-	12	58	1 220	467
OTHER CONSTRUCTION TRADES	4 729	3 706	404	28	129	247	599	20	60	452	2 743	1 190
EXTRACTIVE OCCUPATIONS	95	95	-	-	-	-	-	-	-	-	45	43
PRECISION PRODUCTION OCCUPATIONS	21 019	19 661	557	100	142	315	778	23	211	772	9 825	9 668
SUPERVISORS, PRODUCTION OCCUPATIONS	9 349	9 048	204	34	67	103	80	17	68	174	4 030	4 912
MANUFACTURING	7 659	7 582	20	20	-	-	40	17	29	112	3 217	4 186
PRECISION METALWORKING OCCUPATIONS	7 786	7 426	113	34	36	43	247	-	76	334	3 599	3 541
TOOL AND DIE MAKERS	2 344	2 306	-	-	-	-	38	-	8	78	845	1 392
MACHINISTS	3 025	2 900	81	15	28	38	44	-	21	95	1 347	1 444
SHEET METAL WORKERS	407	382	5	5	-	-	20	-	6	24	238	107
OTHER PRECISION METAL WORKERS	2 010	1 838	27	14	8	5	145	-	41	137	1 169	598
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	406	199	6	-	6	-	195	6	7	27	200	172
PLANT AND SYSTEM OPERATORS	573	370	203	18	22	163	-	-	13	34	353	160
OTHER PRECISION PRODUCTION OCCUPATIONS	2 905	2 618	31	14	11	6	256	-	47	203	1 643	883

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

PROVIDENCE-WARWICK-PAWTUCKET, RI-MA SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	57 984	53 426	3 293	883	993	1 417	1 237	28	1 726	5 959	29 103	18 580
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	33 241	31 877	836	340	264	232	521	7	618	2 209	17 870	11 090
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	24 982	24 140	538	131	212	195	304	-	430	1 514	13 215	8 732
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	5 162	5 127	13	7	-	6	22	-	76	267	2 792	1 827
PRINTING MACHINE OPERATORS	1 677	1 576	52	19	17	16	49	-	36	45	907	669
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	2 600	2 368	124	26	62	36	108	-	40	256	1 307	854
TEXTILE MACHINE OPERATORS	1 841	1 809	32	5	5	22	-	-	20	112	966	656
TEXTILE SEWING MACHINE OPERATORS	216	211	5	5	-	-	-	-	-	23	100	86
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	434	239	87	16	57	14	108	-	20	115	161	97
OTHER SPECIFIED MACHINE OPERATORS	6 961	6 690	194	47	88	59	77	-	110	532	3 566	2 520
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	8 582	8 379	155	32	45	78	48	-	168	414	4 643	2 862
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	2 263	2 210	31	-	-	31	22	-	35	155	1 231	736
MACHINE OPERATORS, NOT SPECIFIED	6 319	6 169	124	32	45	47	26	-	133	259	3 412	2 126
INDUSTRY:												
MANUFACTURING	8 172	8 068	61	12	25	24	43	-	153	382	4 412	2 772
NONDURABLE GOODS	2 170	2 143	21	-	8	13	6	-	50	124	1 133	730
FOOD AND KINDRED PRODUCTS	110	110	-	-	-	-	-	-	7	24	49	24
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	*522*	*516*	-	-	-	-	*6*	-	*11*	*12*	*276*	*198*
PAPER AND ALLIED PRODUCTS	462	454	8	-	8	-	-	-	5	35	217	176
OTHER NONDURABLE GOODS	1 076	1 063	13	-	-	13	-	-	27	53	591	332
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	6 002	5 925	40	12	17	11	37	-	103	258	3 279	2 042
METAL INDUSTRIES	2 666	2 627	32	10	17	5	7	-	35	85	1 372	1 007
MACHINERY, INCLUDING ELECTRICAL	1 279	1 269	6	-	-	6	4	-	7	73	646	461
TRANSPORTATION EQUIPMENT	176	176	-	-	-	-	-	-	-	-	117	53
OTHER DURABLE GOODS	1 881	1 853	2	2	-	-	26	-	61	100	1 144	521
NONMANUFACTURING INDUSTRIES	410	311	94	20	20	54	5	-	15	32	231	90
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	78	44	34	5	-	29	-	-	-	-	40	25
WHOLESALE AND RETAIL TRADE	151	140	6	-	6	-	5	-	5	-	92	40
ALL OTHER INDUSTRIES	181	127	54	15	14	25	-	-	10	32	99	25
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	6 334	5 895	235	169	36	30	197	7	147	573	3 614	1 752
WELDERS AND CUTTERS	2 561	2 335	141	122	13	6	85	-	17	126	1 476	842
ASSEMBLERS	3 174	3 028	64	25	23	16	75	7	106	378	1 818	745
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	599	532	30	22	-	8	37	-	24	69	320	165
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 925	1 842	63	40	16	7	20	-	41	122	1 041	606
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	13 763	11 790	1 376	227	411	738	592	5	332	1 316	6 048	5 404
MOTOR VEHICLE OPERATORS	10 116	8 646	1 008	91	354	563	457	5	293	1 018	4 128	4 213
TRUCK DRIVERS AND DRIVER-SALES WORKERS	8 542	7 594	529	63	160	306	414	5	180	688	3 503	3 801
BUS DRIVERS	949	515	430	16	176	238	4	-	54	195	407	252
RAIL AND WATER TRANSPORTATION OCCUPATIONS	367	250	99	83	16	-	18	-	-	12	139	196
MATERIAL MOVING EQUIPMENT OPERATORS	3 280	2 894	269	53	41	175	117	-	39	286	1 781	995
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	331	211	44	6	10	28	76	-	10	41	169	86
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	10 980	9 759	1 081	316	318	447	124	16	776	2 434	5 185	2 086
CONSTRUCTION LABORERS	1 570	1 282	288	10	127	151	-	-	107	182	971	210
FREIGHT, STOCK, AND MATERIAL HANDLERS	3 904	3 546	316	178	18	120	35	7	353	1 420	1 405	608
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	694	680	6	-	-	6	8	-	76	183	188	178
HAND PACKERS AND PACKAGERS	972	959	7	7	-	-	6	-	33	160	540	191
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	1 117	1 020	67	23	21	23	21	9	85	290	517	192
LABORERS, EXCEPT CONSTRUCTION	2 723	2 272	397	98	152	147	54	-	122	199	1 564	707
MANUFACTURING	1 200	1 184	16	-	11	5	-	-	40	101	689	316
NONDURABLE GOODS	285	285	-	-	-	-	-	-	36	5	164	75
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	915	899	16	-	11	5	-	-	4	96	525	241
METAL INDUSTRIES	286	281	5	-	-	5	-	-	-	22	173	75
NONMANUFACTURING INDUSTRIES	1 523	1 088	381	98	141	142	54	-	82	98	875	391
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	270	161	93	37	11	45	16	-	-	20	187	42
WHOLESALE AND RETAIL TRADE	776	759	-	-	-	-	17	-	41	44	427	245
ALL OTHER INDUSTRIES	477	168	288	61	130	97	21	-	41	34	261	104

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PROVIDENCE-WARWICK-PAWTUCKET, RI-MA SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
FEMALES 16 YEARS AND OVER	189 530	155 143	29 752	2 994	11 484	15 274	3 834	801	15 021	50 934	97 638	18 844
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	34 110	20 092	12 730	640	3 314	8 776	1 201	87	2 280	8 354	17 748	4 725
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	9 989	7 887	1 655	192	938	525	389	58	303	1 283	6 310	1 861
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	341	-	341	36	162	143	-	-	5	58	252	13
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	683	337	315	9	147	159	31	-	43	97	381	162
MANAGERS, MEDICINE AND HEALTH	204	175	22	-	22	-	7	-	-	11	132	55
OTHER SPECIFIED MANAGERS	1 383	1 262	86	35	38	13	23	12	26	140	828	334
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	4 492	4 111	381	26	202	153	-	-	147	595	2 770	883
MANUFACTURING	881	877	4	-	-	4	-	-	-	90	579	201
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	220	220	-	-	-	-	-	-	7	15	168	14
WHOLESALE AND RETAIL TRADE	1 166	1 152	14	-	9	5	-	-	44	256	525	311
ALL OTHER INDUSTRIES	2 225	1 862	363	26	193	144	-	-	96	234	1 498	357
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	296	-	-	-	-	-	255	41	18	57	101	109
CONSTRUCTION	7	-	-	-	-	-	7	-	7	-	-	-
MANUFACTURING	78	-	-	-	-	-	68	10	-	17	38	23
WHOLESALE AND RETAIL TRADE	162	-	-	-	-	-	136	26	11	35	46	59
ALL OTHER INDUSTRIES	49	-	-	-	-	-	44	5	-	5	17	27
MANAGEMENT RELATED OCCUPATIONS	2 590	2 002	510	86	367	57	73	5	64	325	1 846	305
ACCOUNTANTS AND AUDITORS	777	653	98	17	81	-	26	-	22	82	557	102
BUYERS AND PURCHASING AGENTS	516	457	41	22	7	12	13	5	20	40	395	49
PROFESSIONAL SPECIALTY OCCUPATIONS	24 121	12 205	11 075	448	2 376	8 251	812	29	1 977	7 071	11 438	2 864
ENGINEERS, ARCHITECTS, AND SURVEYORS	171	153	18	-	12	6	-	-	5	32	99	35
ARCHITECTS	5	5	-	-	-	-	-	-	5	-	-	-
ENGINEERS	166	148	18	-	12	6	-	-	-	32	99	35
ELECTRICAL AND ELECTRONIC ENGINEERS	59	53	6	-	-	6	-	-	-	20	33	6
MECHANICAL ENGINEERS	33	33	-	-	-	-	-	-	-	-	33	-
OTHER ENGINEERS	74	62	12	-	12	-	-	-	-	12	33	29
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	229	201	28	14	6	8	-	-	-	40	158	24
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	96	84	12	6	6	-	-	-	-	25	58	6
NATURAL SCIENTISTS	251	151	94	42	41	11	6	-	29	47	142	22
HEALTH DIAGNOSING OCCUPATIONS	264	180	11	4	7	-	73	-	19	6	109	123
PHYSICIANS	247	169	11	4	7	-	67	-	12	-	105	123
DENTISTS	11	11	-	-	-	-	-	-	7	-	4	-
OTHER HEALTH DIAGNOSING PRACTITIONERS	6	-	-	-	-	-	6	-	-	6	-	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	7 107	5 894	1 077	193	492	392	129	7	310	2 358	3 304	848
REGISTERED NURSES	6 141	5 206	823	177	394	252	105	7	253	2 118	2 776	713
PHARMACISTS	162	143	12	-	7	5	7	-	25	42	52	43
THERAPISTS	576	360	211	-	86	125	5	-	21	168	306	81
TEACHERS, LIBRARIANS, AND COUNSELORS	12 231	3 254	8 703	106	1 062	7 535	266	8	1 306	3 834	5 515	1 199
TEACHERS, POSTSECONDARY	1 083	472	611	-	600	11	-	-	213	318	308	235
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	6 786	1 321	5 454	53	104	5 297	11	-	466	2 433	3 184	487
TEACHERS, SECONDARY	1 927	304	1 623	15	37	1 571	-	-	112	433	1 042	285
SOCIAL SCIENTISTS AND URBAN PLANNERS	314	131	165	22	32	111	18	-	7	51	207	49
SOCIAL AND RECREATION WORKERS	1 590	781	791	52	593	146	18	-	110	230	1 017	188
RELIGIOUS WORKERS	216	209	-	-	-	-	7	-	6	55	95	60
LAWYERS AND JUDGES	152	82	50	-	50	-	20	-	-	12	91	49
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	1 596	1 169	138	15	81	42	275	14	185	406	701	267
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	78 528	65 862	11 006	1 896	5 030	4 080	1 107	553	6 301	20 611	42 366	6 786
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	5 659	4 759	851	185	467	199	43	6	346	1 756	2 808	518
HEALTH TECHNOLOGISTS AND TECHNICIANS	4 124	3 665	442	105	242	95	11	6	192	1 521	1 903	333
LICENSED PRACTICAL NURSES	2 165	1 992	156	19	99	38	11	6	61	952	884	147
ENGINEERING AND SCIENCE TECHNICIANS	786	566	212	73	127	12	8	-	73	76	474	124
ELECTRICAL AND ELECTRONIC TECHNICIANS	74	52	14	14	-	-	8	-	8	11	33	14
DRAFTING AND SURVEYING TECHNICIANS	166	115	51	39	12	-	-	-	5	14	119	28
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	749	528	197	7	98	92	24	-	81	159	431	61
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	340	270	70	7	56	7	-	-	29	42	238	31
SALES OCCUPATIONS	17 273	16 035	212	49	82	81	812	214	2 416	7 644	5 129	1 504
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 525	1 169	12	-	12	-	332	12	54	318	692	428
SELF-EMPLOYED	344	-	-	-	-	-	332	12	21	87	126	84
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	2 037	1 792	19	14	-	5	206	20	175	503	961	310
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	661	615	-	-	-	-	40	6	27	142	318	174
SALES WORKERS, RETAIL AND PERSONAL SERVICES	13 000	12 409	181	35	70	76	234	176	2 160	6 652	3 145	592
CASHIERS	5 820	5 582	155	35	51	69	20	63	,932	3 386	1 090	205
SALES RELATED OCCUPATIONS	50	50	-	-	-	-	-	-	-	29	13	-

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

PROVIDENCE-WARWICK-PAWTUCKET, RI-MA SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	55 596	45 068	9 943	1 662	4 481	3 800	252	333	3 539	11 211	34 429	4 764
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	2 434	2 130	289	58	185	46	9	6	26	291	1 625	408
COMPUTER EQUIPMENT OPERATORS	1 223	1 108	115	29	62	24	-	-	53	219	738	178
SECRETARIES, STENOGRAPHERS, AND TYPISTS	18 333	14 098	4 014	454	2 199	1 361	116	105	1 044	3 493	12 020	1 290
SECRETARIES	14 704	12 095	2 448	312	1 184	952	62	99	773	2 915	9 446	1 182
RECEPTIONISTS	1 754	1 512	213	70	82	61	-	29	184	490	866	101
FILE CLERKS	1 167	980	181	56	89	36	-	6	159	286	580	82
FINANCIAL RECORDS PROCESSING OCCUPATIONS	8 878	7 961	707	119	268	320	81	129	439	1 905	5 681	681
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	6 810	6 197	427	63	143	221	62	124	370	1 548	4 301	482
TELEPHONE OPERATORS	1 031	957	74	12	29	33	-	-	79	301	544	84
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	586	222	364	275	73	16	-	-	118	101	269	87
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	1 599	1 528	64	37	21	6	-	7	47	264	1 007	228
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	403	391	12	-	6	6	-	-	-	9	292	62
BANK TELLERS	2 093	2 064	29	17	6	6	-	-	94	516	1 227	191
DATA-ENTRY KEYERS	1 720	1 477	237	29	179	29	-	6	46	272	1 121	226
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	14 375	10 640	3 644	506	1 282	1 856	46	45	1 250	3 064	8 459	1 146
SERVICE OCCUPATIONS	28 994	22 787	5 129	294	2 868	1 967	985	93	5 022	12 544	8 614	1 622
PRIVATE HOUSEHOLD OCCUPATIONS	1 105	1 105	-	-	-	-	-	-	388	415	162	102
PROTECTIVE SERVICE OCCUPATIONS	816	361	455	11	88	356	-	-	249	277	204	67
FIREFIGHTING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
POLICE AND DETECTIVES, PUBLIC SERVICE	40	-	40	-	21	19	-	-	-	5	35	-
GUARDS	691	335	356	11	21	324	-	-	242	259	110	67
OTHER PROTECTIVE SERVICE OCCUPATIONS	85	26	59	-	46	13	-	-	7	13	59	-
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	27 073	21 321	4 674	283	2 780	1 611	985	93	4 385	11 852	8 248	1 453
FOOD PREPARATION AND SERVICE OCCUPATIONS	12 433	10 488	1 749	97	994	658	147	49	2 760	6 416	2 266	508
WAITERS AND FOOD COUNTER WORKERS	6 930	6 807	52	14	21	17	41	30	1 619	3 723	1 072	212
COOKS	1 710	1 200	428	41	215	172	69	13	252	809	508	103
HEALTH SERVICE OCCUPATIONS	8 133	6 567	1 549	74	1 273	202	10	7	587	2 879	3 768	522
NURSING AIDES, ORDERLIES, AND ATTENDANTS	6 284	4 865	1 409	59	1 216	134	10	-	404	2 188	2 949	414
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	2 027	1 542	472	42	267	163	7	6	278	602	956	111
PERSONAL SERVICE OCCUPATIONS	4 480	2 724	904	70	246	588	821	31	760	1 955	1 258	312
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	1 897	1 279	-	-	-	-	587	31	211	933	541	146
FARMING, FORESTRY, AND FISHING OCCUPATIONS	420	279	29	7	-	22	91	21	66	145	143	60
FARM OPERATORS AND MANAGERS	66	20	-	-	-	-	46	-	14	23	16	13
FARM OCCUPATIONS, EXCEPT MANAGERIAL	71	50	-	-	-	-	-	21	-	20	26	25
RELATED AGRICULTURAL OCCUPATIONS	246	196	12	7	-	5	38	-	52	95	78	15
FORESTRY AND FISHING OCCUPATIONS	37	13	17	-	-	17	7	-	-	7	23	7
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	8 646	8 219	181	17	84	80	233	13	312	1 644	5 067	1 266
MECHANICS AND REPAIRERS	778	714	33	-	10	23	23	8	33	221	383	101
AUTOMOBILE MECHANICS, INCLUDING BODY	31	21	5	-	-	5	5	-	-	8	18	5
AIRCRAFT MECHANICS	5	-	5	-	5	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	6	6	-	-	-	-	-	-	-	-	6	-
OTHER MECHANICS AND REPAIRERS	736	687	23	-	5	18	18	8	33	213	359	96
CONSTRUCTION TRADES	234	214	20	-	9	11	-	-	8	72	124	21
CARPENTERS	43	37	6	-	-	6	-	-	6	12	21	-
ELECTRICIANS	32	32	-	-	-	-	-	-	-	-	19	13
PAINTERS, CONSTRUCTION AND MAINTENANCE	80	75	5	-	-	5	-	-	2	42	36	-
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	23	23	-	-	-	-	-	-	-	6	12	-
OTHER CONSTRUCTION TRADES	56	47	9	-	9	-	-	-	-	12	36	8
EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	7 634	7 291	128	17	65	46	210	5	271	1 351	4 560	1 144
SUPERVISORS, PRODUCTION OCCUPATIONS	2 572	2 528	23	-	23	-	21	-	44	230	1 609	628
MANUFACTURING	2 178	2 169	-	-	-	-	9	-	16	153	1 403	551
PRECISION METALWORKING OCCUPATIONS	3 310	3 204	33	11	-	22	73	-	133	704	1 989	297
TOOL AND DIE MAKERS	26	26	-	-	-	-	-	-	-	-	6	20
MACHINISTS	127	127	-	-	-	-	-	-	-	16	72	21
SHEET METAL WORKERS	11	6	5	5	-	-	-	-	-	-	5	6
OTHER PRECISION METAL WORKERS	3 146	3 045	28	6	-	22	73	-	133	688	1 906	250
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	441	340	28	-	28	-	73	-	48	147	215	22
PLANT AND SYSTEM OPERATORS	53	53	-	-	-	-	-	-	-	-	53	-
OTHER PRECISION PRODUCTION OCCUPATIONS	1 258	1 166	44	6	14	24	43	5	46	270	694	197

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

PROVIDENCE-WARWICK-PAWTUCKET, RI-MA SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	38 832	37 904	677	140	188	349	217	34	1 040	7 636	23 700	4 385
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	32 220	31 581	399	116	159	124	206	34	733	5 677	20 215	3 852
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	18 438	18 045	230	61	113	56	129	34	479	3 292	11 594	2 179
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	1 889	1 852	37	-	37	-	-	-	58	313	1 132	266
PRINTING MACHINE OPERATORS	368	357	6	-	6	-	-	5	30	89	190	39
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	5 351	5 190	85	25	49	11	47	29	133	1 004	3 344	589
TEXTILE MACHINE OPERATORS	2 491	2 462	22	16	-	6	7	-	8	283	1 722	363
TEXTILE SEWING MACHINE OPERATORS	2 048	1 995	13	-	13	-	28	12	72	445	1 250	145
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	485	416	40	9	31	-	12	17	35	167	193	72
OTHER SPECIFIED MACHINE OPERATORS	4 282	4 196	25	15	4	6	61	-	140	889	2 602	441
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	6 548	6 450	77	21	17	39	21	-	118	997	4 326	844
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	1 675	1 662	-	-	-	-	13	-	44	248	1 042	257
MACHINE OPERATORS, NOT SPECIFIED	4 873	4 788	77	21	17	39	8	-	74	749	3 284	587
INDUSTRY:												
MANUFACTURING	6 270	6 198	72	16	17	39	-	-	100	867	4 196	844
NONDURABLE GOODS	2 067	2 062	5	-	-	5	-	-	35	332	1 304	293
FOOD AND KINDRED PRODUCTS	40	40	-	-	-	-	-	-	-	21	19	-
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	790	790	-	-	-	-	-	-	7	65	480	172
PAPER AND ALLIED PRODUCTS	331	331	-	-	-	-	-	-	-	99	198	34
OTHER NONDURABLE GOODS	906	901	5	-	-	5	-	-	28	147	607	87
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	4 203	4 136	67	16	17	34	-	-	65	535	2 892	551
METAL INDUSTRIES	791	774	17	-	17	-	-	-	5	104	548	112
MACHINERY, INCLUDING ELECTRICAL	1 014	995	19	3	-	16	-	-	13	77	672	189
TRANSPORTATION EQUIPMENT	39	39	-	-	-	-	-	-	-	6	28	5
OTHER DURABLE GOODS	2 359	2 328	31	13	-	18	-	-	47	348	1 644	245
NONMANUFACTURING INDUSTRIES	278	252	5	5	-	-	21	-	18	130	130	-
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	19	14	5	5	-	-	-	-	-	-	19	-
WHOLESALE AND RETAIL TRADE	138	117	-	-	-	-	21	-	6	65	67	-
ALL OTHER INDUSTRIES	121	121	-	-	-	-	-	-	12	65	44	-
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	9 242	9 054	111	35	33	43	77	-	199	1 720	5 851	946
WELDERS AND CUTTERS	369	369	-	-	-	-	-	-	-	51	241	66
ASSEMBLERS	7 820	7 701	88	35	33	20	31	-	166	1 463	4 940	774
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	1 053	984	23	-	-	23	46	-	33	206	650	106
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	4 540	4 482	58	20	13	25	-	-	55	665	2 770	727
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	962	746	211	-	8	203	5	-	82	437	275	100
MOTOR VEHICLE OPERATORS	759	543	211	-	8	203	5	-	78	417	163	56
TRUCK DRIVERS AND DRIVER-SALES WORKERS	140	133	7	-	-	7	-	-	22	41	59	12
BUS DRIVERS	578	374	204	-	8	196	-	-	56	366	77	40
RAIL AND WATER TRANSPORTATION OCCUPATIONS	8	8	-	-	-	-	-	-	-	-	8	-
MATERIAL MOVING EQUIPMENT OPERATORS	195	195	-	-	-	-	-	-	4	20	104	44
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	5 650	5 577	67	24	21	22	6	-	225	1 522	3 210	433
CONSTRUCTION LABORERS	-	-	-	-	-	-	-	-	-	-	-	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	728	699	29	15	-	14	-	-	48	245	364	34
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	13	13	-	-	-	-	-	-	-	8	-	-
HAND PACKERS AND PACKAGERS	3 336	3 336	-	-	-	-	-	-	90	897	1 905	288
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	237	212	19	-	11	8	6	-	19	84	92	20
LABORERS, EXCEPT CONSTRUCTION	1 336	1 317	19	9	10	-	-	-	68	288	849	91
MANUFACTURING	1 014	1 004	10	-	10	-	-	-	37	229	645	68
NONDURABLE GOODS	224	214	10	-	10	-	-	-	17	50	130	23
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	790	790	-	-	-	-	-	-	20	179	515	45
METAL INDUSTRIES	56	56	-	-	-	-	-	-	-	13	37	-
NONMANUFACTURING INDUSTRIES	322	313	9	9	-	-	-	-	31	59	204	23
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	23	23	-	-	-	-	-	-	8	-	15	-
WHOLESALE AND RETAIL TRADE	213	213	-	-	-	-	-	-	7	27	151	23
ALL OTHER INDUSTRIES	86	77	9	9	-	-	-	-	16	32	38	-

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

SPRINGFIELD-CHICOPEE-HOLYOKE, MA-CT SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
MALES 16 YEARS AND OVER	131 619	103 189	20 303	5 024	5 003	10 276	8 051	76	4 093	11 920	66 743	46 158
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	29 523	19 609	7 250	843	2 165	4 242	2 644	20	531	1 775	14 329	12 507
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	15 236	11 821	2 385	533	799	1 053	1 014	16	170	487	7 069	7 361
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	531	-	531	92	94	345	-	-	13	21	348	143
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	584	124	460	-	104	356	-	-	10	38	335	201
MANAGERS, MEDICINE AND HEALTH	214	166	48	-	43	5	-	-	-	-	140	74
OTHER SPECIFIED MANAGERS	2 841	2 580	125	65	32	28	136	-	5	92	1 175	1 539
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	6 875	6 466	409	123	160	126	-	-	54	193	2 833	3 725
MANUFACTURING	2 282	2 282	-	-	-	-	-	-	5	35	968	1 262
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	479	406	73	40	7	26	-	-	4	-	225	250
WHOLESALE AND RETAIL TRADE	1 991	1 991	-	-	-	-	-	-	18	68	605	1 281
ALL OTHER INDUSTRIES	2 123	1 787	336	83	153	100	-	-	27	90	1 035	932
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	629	-	-	-	-	-	618	11	24	30	175	393
CONSTRUCTION	73	-	-	-	-	-	73	-	-	-	11	62
MANUFACTURING	118	-	-	-	-	-	118	-	-	9	27	82
WHOLESALE AND RETAIL TRADE	217	-	-	-	-	-	206	11	10	7	52	148
ALL OTHER INDUSTRIES	221	-	-	-	-	-	221	-	14	14	85	101
MANAGEMENT RELATED OCCUPATIONS	3 562	2 485	812	253	366	193	260	5	64	113	2 063	1 286
ACCOUNTANTS AND AUDITORS	1 435	1 059	207	56	134	17	169	-	25	24	829	545
BUYERS AND PURCHASING AGENTS	639	598	25	5	7	13	11	5	-	10	368	261
PROFESSIONAL SPECIALTY OCCUPATIONS	14 287	7 788	4 865	310	1 366	3 189	1 630	4	361	1 288	7 260	5 146
ENGINEERS, ARCHITECTS, AND SURVEYORS	3 120	2 821	196	42	94	60	103	-	19	79	1 963	1 011
ARCHITECTS	86	54	-	-	-	-	32	-	6	6	11	57
ENGINEERS	2 984	2 752	183	42	88	53	49	-	13	68	1 916	945
ELECTRICAL AND ELECTRONIC ENGINEERS	418	378	24	-	6	18	16	-	-	23	241	154
MECHANICAL ENGINEERS	565	538	13	5	8	-	14	-	8	16	341	194
OTHER ENGINEERS	2 001	1 836	146	37	74	35	19	-	5	29	1 334	597
SURVEYORS AND MAPPING SCIENTISTS	50	15	13	-	6	7	22	-	-	5	36	9
MATHEMATICAL AND COMPUTER SCIENTISTS	569	524	45	24	10	11	-	-	-	7	419	136
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	290	268	22	12	10	-	-	-	-	-	201	89
NATURAL SCIENTISTS	306	185	116	36	56	24	5	-	6	8	181	98
HEALTH DIAGNOSING OCCUPATIONS	1 163	633	34	28	6	-	496	-	-	60	338	741
PHYSICIANS	745	455	34	28	6	-	256	-	-	31	166	530
DENTISTS	292	140	-	-	-	-	152	-	-	24	110	158
OTHER HEALTH DIAGNOSING PRACTITIONERS	126	38	-	-	-	-	88	-	-	5	62	53
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	535	392	124	37	62	25	19	-	10	16	285	224
REGISTERED NURSES	93	54	39	20	12	7	-	-	-	-	64	29
PHARMACISTS	310	267	24	-	19	5	19	-	10	8	137	155
THERAPISTS	105	49	56	17	26	13	-	-	-	8	69	28
TEACHERS, LIBRARIANS, AND COUNSELORS	4 659	1 152	3 463	63	625	2 775	44	-	178	773	2 302	1 350
TEACHERS, POSTSECONDARY	1 059	564	495	6	468	21	-	-	72	103	394	480
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	1 654	146	1 508	12	29	1 467	-	-	18	274	939	405
TEACHERS, SECONDARY	1 102	55	1 047	-	14	1 033	-	-	22	249	559	256
SOCIAL SCIENTISTS AND URBAN PLANNERS	371	137	194	12	91	91	40	-	14	26	203	128
SOCIAL AND RECREATION WORKERS	627	193	434	35	301	98	-	-	-	56	408	135
RELIGIOUS WORKERS	353	297	7	-	-	7	49	-	16	5	77	255
LAWYERS AND JUDGES	1 040	328	176	23	89	64	536	-	30	56	381	557
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	1 544	1 126	76	10	32	34	338	4	88	202	703	511
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	25 044	19 928	3 449	2 410	541	498	1 639	28	955	2 424	12 745	8 580
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	3 561	3 019	492	194	138	160	50	-	140	206	2 056	1 085
HEALTH TECHNOLOGISTS AND TECHNICIANS	272	188	84	43	32	9	-	-	22	11	165	74
LICENSED PRACTICAL NURSES	48	22	26	13	13	-	-	-	-	5	36	7
ENGINEERING AND SCIENCE TECHNICIANS	2 113	1 932	150	64	26	60	31	-	56	99	1 166	729
ELECTRICAL AND ELECTRONIC TECHNICIANS	561	519	42	35	7	-	-	-	7	29	297	212
DRAFTING AND SURVEYING TECHNICIANS	732	670	38	4	3	31	24	-	13	51	385	268
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	1 176	899	258	87	80	91	19	-	62	96	725	282
AIRPLANE PILOTS AND NAVIGATORS	68	61	7	7	-	-	-	-	12	7	17	32
COMPUTER PROGRAMMERS	500	423	63	8	14	41	14	-	14	6	379	101
SALES OCCUPATIONS	11 706	10 081	82	35	41	6	1 515	28	534	1 410	4 707	4 951
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	2 879	2 268	25	7	18	-	580	6	11	104	889	1 850
SELF-EMPLOYED	586	-	-	-	-	-	580	6	5	20	142	419
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	2 222	1 772	20	12	8	-	430	-	49	213	1 183	760
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	2 708	2 496	-	-	-	-	205	7	59	97	1 390	1 148
SALES WORKERS, RETAIL AND PERSONAL SERVICES	3 859	3 527	37	16	15	6	280	15	415	996	1 233	1 167
CASHIERS	494	441	31	10	15	6	14	8	28	300	71	83
SALES RELATED OCCUPATIONS	38	18	-	-	-	-	20	-	-	-	12	26

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

SPRINGFIELD-CHICOPEE-HOLYOKE, MA-CT SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	9 777	6 828	2 875	2 181	362	332	74	-	281	808	5 982	2 544
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	1 570	1 182	382	192	131	59	6	-	22	58	969	514
COMPUTER EQUIPMENT OPERATORS	313	298	9	5	4	-	6	-	-	-	214	99
SECRETARIES, STENOGRAPHERS, AND TYPISTS	81	32	49	-	28	21	-	-	11	10	60	-
SECRETARIES	28	12	16	-	-	16	-	-	-	10	18	-
RECEPTIONISTS	33	16	17	5	6	6	-	-	9	4	12	-
FILE CLERKS	144	124	20	20	-	-	-	-	5	-	76	63
FINANCIAL RECORDS PROCESSING OCCUPATIONS	435	361	70	43	11	16	4	-	24	53	269	84
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	242	212	26	9	11	6	4	-	10	41	152	34
TELEPHONE OPERATORS	130	121	9	9	-	-	-	-	-	76	43	5
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	1 930	230	1 700	1 665	16	19	-	-	36	105	1 371	384
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	2 372	2 283	89	24	17	48	-	-	32	179	1 381	755
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	233	225	-	-	-	-	8	-	-	25	162	33
BANK TELLERS	77	77	-	-	-	-	-	-	14	10	40	13
DATA-ENTRY KEYERS	58	33	25	25	-	-	-	-	-	11	40	7
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	2 401	1 846	505	193	149	163	50	-	128	277	1 345	587
SERVICE OCCUPATIONS	13 986	8 082	5 529	559	1 281	3 689	365	10	1 314	2 920	6 132	3 399
PRIVATE HOUSEHOLD OCCUPATIONS	30	30	-	-	-	-	-	-	15	10	5	-
PROTECTIVE SERVICE OCCUPATIONS	4 208	1 080	3 115	181	470	2 464	13	-	131	364	1 899	1 739
FIREFIGHTING OCCUPATIONS	1 032	20	1 012	38	32	942	-	-	6	-	134	886
POLICE AND DETECTIVES, PUBLIC SERVICE	1 138	-	1 138	26	109	1 003	-	-	-	29	738	365
GUARDS	1 424	1 018	393	104	117	172	13	-	112	310	674	270
OTHER PROTECTIVE SERVICE OCCUPATIONS	614	42	572	13	212	347	-	-	13	25	353	218
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	9 748	6 972	2 414	378	811	1 225	352	10	1 168	2 546	4 228	1 660
FOOD PREPARATION AND SERVICE OCCUPATIONS	3 523	3 270	178	46	95	37	67	8	619	1 404	931	516
WAITERS AND FOOD COUNTER WORKERS	429	423	-	-	-	-	6	-	110	233	48	38
COOKS	1 070	964	55	11	31	13	43	8	61	476	370	149
HEALTH SERVICE OCCUPATIONS	786	296	490	110	329	51	-	-	17	73	569	101
NURSING AIDES, ORDERLIES, AND ATTENDANTS	647	210	437	110	276	51	-	-	11	39	504	75
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	4 791	3 019	1 698	218	359	1 121	72	2	469	908	2 494	856
PERSONAL SERVICE OCCUPATIONS	648	387	48	4	28	16	213	-	63	161	234	187
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	380	175	-	-	-	-	205	-	-	74	137	169
FARMING, FORESTRY, AND FISHING OCCUPATIONS	1 690	996	312	17	101	194	382	-	102	315	645	549
FARM OPERATORS AND MANAGERS	402	108	5	-	5	-	289	-	17	55	47	272
FARM OCCUPATIONS, EXCEPT MANAGERIAL	419	405	14	-	14	-	-	-	12	146	152	89
RELATED AGRICULTURAL OCCUPATIONS	788	463	278	8	82	188	47	-	65	93	423	159
FORESTRY AND FISHING OCCUPATIONS	81	20	15	9	-	6	46	-	8	21	23	29
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	28 218	23 985	1 756	447	533	776	2 465	12	385	1 559	15 155	10 401
MECHANICS AND REPAIRERS	9 272	7 895	682	303	173	206	695	-	191	409	4 861	3 620
AUTOMOBILE MECHANICS, INCLUDING BODY	2 720	2 188	136	49	18	69	396	-	51	135	1 362	1 093
AIRCRAFT MECHANICS	186	85	92	77	15	-	9	-	-	15	120	51
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	450	363	30	6	15	9	57	-	21	16	213	188
OTHER MECHANICS AND REPAIRERS	5 916	5 259	424	171	125	128	233	-	119	243	3 166	2 288
CONSTRUCTION TRADES	7 061	4 896	691	88	255	348	1 462	12	93	612	4 557	1 527
CARPENTERS	2 063	1 342	140	31	40	69	576	5	49	205	1 394	389
ELECTRICIANS	956	776	84	35	30	19	96	-	-	26	673	257
PAINTERS, CONSTRUCTION AND MAINTENANCE	578	311	95	-	54	41	172	-	-	90	329	109
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	732	580	51	7	23	21	101	-	6	41	510	141
OTHER CONSTRUCTION TRADES	2 732	1 887	321	15	108	198	517	7	38	250	1 651	631
EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	11 885	11 194	383	56	105	222	308	-	101	538	5 737	5 254
SUPERVISORS, PRODUCTION OCCUPATIONS	5 025	4 853	134	10	39	85	38	-	7	100	2 392	2 439
MANUFACTURING	4 034	4 028	-	-	-	-	6	-	7	53	1 894	2 023
PRECISION METALWORKING OCCUPATIONS	4 497	4 340	65	25	12	28	92	-	37	235	2 072	2 057
TOOL AND DIE MAKERS	1 053	1 009	6	6	-	-	38	-	6	22	429	587
MACHINISTS	2 894	2 842	36	12	12	12	16	-	25	179	1 286	1 321
SHEET METAL WORKERS	360	310	23	7	-	16	27	-	6	34	246	74
OTHER PRECISION METAL WORKERS	190	179	-	-	-	-	11	-	-	-	111	75
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	268	180	-	-	-	-	88	-	13	24	138	73
PLANT AND SYSTEM OPERATORS	375	231	144	7	39	98	-	-	-	-	206	151
OTHER PRECISION PRODUCTION OCCUPATIONS	1 720	1 590	40	14	15	11	90	-	44	179	929	534

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

SPRINGFIELD-CHICOPEE-HOLYOKE, MA-CT SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS				SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
			TOTAL	FEDERAL	STATE	LOCAL						
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	33 158	30 589	2 007	748	382	877	556	6	806	2 927	17 737	10 722
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	18 717	18 089	447	154	119	174	181	-	246	857	10 911	6 224
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	14 030	13 633	294	87	81	126	103	-	176	575	8 085	4 792
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	2 629	2 609	20	6	-	14	-	-	-	64	1 398	1 090
PRINTING MACHINE OPERATORS	1 265	1 230	14	-	9	5	21	-	18	56	772	402
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	666	591	52	17	21	14	23	-	31	59	373	189
TEXTILE MACHINE OPERATORS	343	343	-	-	-	-	-	-	9	14	164	156
TEXTILE SEWING MACHINE OPERATORS	40	40	-	-	-	-	-	-	7	-	27	-
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	203	135	45	17	21	7	23	-	15	22	133	33
OTHER SPECIFIED MACHINE OPERATORS	3 453	3 335	72	16	21	35	46	-	56	170	1 850	1 238
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	6 017	5 868	136	48	30	58	13	-	71	226	3 692	1 873
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	1 661	1 647	14	7	-	7	-	-	21	59	990	534
MACHINE OPERATORS, NOT SPECIFIED	4 356	4 221	122	41	30	51	13	-	50	167	2 702	1 339
INDUSTRY:												
MANUFACTURING	5 742	5 692	50	28	4	18	-	-	60	207	3 540	1 780
NONDURABLE GOODS	2 400	2 396	4	-	4	-	-	-	22	75	1 653	620
FOOD AND KINDRED PRODUCTS	36	36	-	-	-	-	-	-	-	-	27	4
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	132	132	-	-	-	-	-	-	6	7	65	54
PAPER AND ALLIED PRODUCTS	1 003	1 003	-	-	-	-	-	-	4	12	635	337
OTHER NONDURABLE GOODS	1 229	1 225	4	-	4	-	-	-	12	56	926	225
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	3 342	3 296	46	28	-	18	-	-	38	132	1 887	1 160
METAL INDUSTRIES	1 459	1 449	10	6	-	4	-	-	6	49	839	516
MACHINERY, INCLUDING ELECTRICAL	666	659	7	-	-	7	-	-	12	41	344	247
TRANSPORTATION EQUIPMENT	287	258	29	22	-	7	-	-	-	-	115	154
OTHER DURABLE GOODS	930	930	-	-	-	-	-	-	20	42	589	243
NONMANUFACTURING INDUSTRIES	275	176	86	20	26	40	13	-	11	19	152	93
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	53	19	27	13	-	14	7	-	-	-	35	18
WHOLESALE AND RETAIL TRADE	70	70	-	-	-	-	-	-	-	-	45	25
ALL OTHER INDUSTRIES	152	87	59	7	26	26	6	-	11	19	72	50
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	3 067	2 880	109	47	25	37	78	-	64	252	1 735	958
WELDERS AND CUTTERS	904	861	21	12	-	9	22	-	7	24	461	384
ASSEMBLERS	1 945	1 841	76	30	25	21	28	-	44	210	1 139	528
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	218	178	12	5	-	7	28	-	13	18	135	46
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 620	1 576	44	20	13	11	-	-	6	30	1 091	474
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	7 914	6 843	739	209	143	387	332	-	185	539	3 695	3 209
MOTOR VEHICLE OPERATORS	5 962	5 180	473	79	122	272	309	-	164	467	2 593	2 503
TRUCK DRIVERS AND DRIVER-SALES WORKERS	5 030	4 432	324	38	87	199	274	-	75	278	2 223	2 268
BUS DRIVERS	593	489	98	19	22	57	6	-	60	160	226	111
RAIL AND WATER TRANSPORTATION OCCUPATIONS	244	131	113	113	-	-	-	-	-	15	72	145
MATERIAL MOVING EQUIPMENT OPERATORS	1 708	1 532	153	17	21	115	23	-	21	57	1 030	561
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	95	67	19	-	-	19	9	-	-	5	53	32
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	6 527	5 657	821	385	120	316	43	6	375	1 531	3 131	1 289
CONSTRUCTION LABORERS	595	446	149	-	55	94	-	-	12	33	471	57
FREIGHT, STOCK, AND MATERIAL HANDLERS	2 585	2 175	394	313	18	63	16	-	220	918	917	420
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	496	491	5	5	-	-	-	-	44	180	158	109
HAND PACKERS AND PACKAGERS	637	630	7	-	-	7	-	-	30	109	331	167
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	593	558	23	12	-	11	12	-	26	127	279	130
LABORERS, EXCEPT CONSTRUCTION	1 621	1 357	243	55	47	141	15	6	43	164	975	406
MANUFACTURING	644	644	-	-	-	-	-	-	10	11	421	184
NONDURABLE GOODS	249	249	-	-	-	-	-	-	5	5	180	48
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	395	395	-	-	-	-	-	-	5	6	241	136
METAL INDUSTRIES	198	198	-	-	-	-	-	-	5	-	120	73
NONMANUFACTURING INDUSTRIES	977	713	243	55	47	141	15	6	33	153	554	222
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	184	60	124	9	11	104	-	-	4	24	124	32
WHOLESALE AND RETAIL TRADE	588	561	27	9	18	-	-	-	18	83	301	171
ALL OTHER INDUSTRIES	205	92	92	37	18	37	15	6	11	46	129	19

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

SPRINGFIELD-CHICOPEE-HOLYOKE, MA-CT SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
			GOVERNMENT WORKERS									
	TOTAL	PRIV. WAGE AND SALARY WORKERS	TOTAL	FEDERAL	STATE	LOCAL	SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
FEMALES 16 YEARS AND OVER	108 143	85 073	20 276	2 032	6 140	12 104	2 394	400	11 451	29 242	54 836	9 937
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	22 284	12 686	8 715	444	2 072	6 199	842	41	1 642	5 302	11 639	3 187
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	6 379	4 958	1 126	170	418	538	261	34	233	739	3 843	1 439
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	213	-	213	21	46	146	-	-	5	38	121	32
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	574	270	298	16	99	183	6	-	53	64	330	127
MANAGERS, MEDICINE AND HEALTH	189	157	32	4	28	-	-	-	9	14	127	29
OTHER SPECIFIED MANAGERS	782	713	59	25	7	27	10	-	29	62	491	194
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	2 650	2 359	291	48	121	122	-	-	110	402	1 455	617
MANUFACTURING	310	310	-	-	-	-	-	-	-	44	190	68
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	142	131	11	-	5	6	-	-	-	11	97	21
WHOLESALE AND RETAIL TRADE	759	759	-	-	-	-	-	-	27	103	376	236
ALL OTHER INDUSTRIES	1 439	1 159	280	48	116	116	-	-	83	244	792	292
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	232	-	-	-	-	-	204	28	9	34	84	105
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING	38	-	-	-	-	-	38	-	-	13	16	9
WHOLESALE AND RETAIL TRADE	86	-	-	-	-	-	81	5	-	17	12	57
ALL OTHER INDUSTRIES	108	-	-	-	-	-	85	23	9	4	56	39
MANAGEMENT RELATED OCCUPATIONS	1 739	1 459	233	56	117	60	41	6	18	125	1 235	335
ACCOUNTANTS AND AUDITORS	464	382	54	17	27	10	28	-	6	43	330	78
BUYERS AND PURCHASING AGENTS	348	330	18	6	-	12	-	-	-	40	234	62
PROFESSIONAL SPECIALTY OCCUPATIONS	15 905	7 728	7 589	274	1 654	5 661	581	7	1 409	4 563	7 796	1 748
ENGINEERS, ARCHITECTS, AND SURVEYORS	60	48	-	-	-	-	12	-	-	12	38	10
ARCHITECTS	17	5	-	-	-	-	12	-	-	12	5	-
ENGINEERS	43	43	-	-	-	-	-	-	-	-	33	10
ELECTRICAL AND ELECTRONIC ENGINEERS	9	9	-	-	-	-	-	-	-	-	9	-
MECHANICAL ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER ENGINEERS	34	34	-	-	-	-	-	-	-	-	24	10
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	154	139	15	15	-	-	-	-	-	21	96	37
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	97	91	6	6	-	-	-	-	-	14	46	37
NATURAL SCIENTISTS	87	57	24	7	11	6	6	-	14	13	20	31
HEALTH DIAGNOSING OCCUPATIONS	151	106	23	-	18	5	22	-	-	17	59	75
PHYSICIANS	108	72	23	-	18	5	13	-	-	12	36	60
DENTISTS	5	5	-	-	-	-	-	-	-	5	-	-
OTHER HEALTH DIAGNOSING PRACTITIONERS	38	29	-	-	-	-	9	-	-	-	23	15
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	4 897	3 849	980	138	438	404	68	-	273	1 483	2 616	370
REGISTERED NURSES	4 041	3 376	625	120	250	255	40	-	188	1 263	2 105	338
PHARMACISTS	65	65	-	-	-	-	-	-	12	15	24	14
THERAPISTS	579	246	305	6	173	126	28	-	34	171	353	13
TEACHERS, LIBRARIANS, AND COUNSELORS	8 181	2 184	5 846	44	687	5 115	151	-	899	2 497	3 794	854
TEACHERS, POSTSECONDARY	919	565	354	-	332	22	-	-	189	222	238	258
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	4 400	835	3 551	13	149	3 389	14	-	357	1 510	2 126	308
TEACHERS, SECONDARY	1 418	217	1 201	7	12	1 182	-	-	102	402	731	165
SOCIAL SCIENTISTS AND URBAN PLANNERS	187	77	87	6	49	32	23	-	-	65	86	36
SOCIAL AND RECREATION WORKERS	1 002	463	519	53	393	73	13	7	30	137	646	128
RELIGIOUS WORKERS	45	32	-	-	-	-	13	-	11	15	13	6
LAWYERS AND JUDGES	116	28	36	5	22	9	52	-	14	14	37	45
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	1 025	745	59	6	36	17	221	-	168	289	391	156
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	47 486	39 861	6 660	1 240	2 330	3 090	674	291	4 851	12 955	25 332	3 579
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	3 700	2 989	700	55	438	207	11	-	252	878	2 063	446
HEALTH TECHNOLOGISTS AND TECHNICIANS	2 752	2 213	539	38	328	173	-	-	133	733	1 544	293
LICENSED PRACTICAL NURSES	1 378	1 015	363	24	246	93	-	-	58	395	813	98
ENGINEERING AND SCIENCE TECHNICIANS	464	414	50	-	41	9	-	-	76	64	233	79
ELECTRICAL AND ELECTRONIC TECHNICIANS	83	79	4	-	4	-	-	-	4	12	49	18
DRAFTING AND SURVEYING TECHNICIANS	65	65	-	-	-	-	-	-	-	14	45	-
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	484	362	111	17	69	25	11	-	43	81	286	74
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	222	191	25	-	25	-	6	-	23	13	153	33
SALES OCCUPATIONS	11 536	10 683	232	45	94	93	521	100	1 838	5 168	3 557	742
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 379	1 087	6	6	-	-	247	39	42	283	763	282
SELF-EMPLOYED	286	-	-	-	-	-	247	39	26	76	96	88
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	1 246	1 131	5	-	-	5	99	11	137	288	644	161
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	303	297	-	-	-	-	-	6	6	79	180	31
SALES WORKERS, RETAIL AND PERSONAL SERVICES	8 580	8 152	221	39	94	88	163	44	1 641	4 511	1 970	259
CASHIERS	3 512	3 323	174	28	71	75	6	9	593	2 121	639	89
SALES RELATED OCCUPATIONS	28	16	-	-	-	-	12	-	12	7	-	9

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

SPRINGFIELD-CHICOPEE-HOLYOKE, MA-CT SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS TOTAL	FEDERAL	STATE	LOCAL	SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	32 250	26 189	5 728	1 140	1 798	2 790	142	191	2 761	6 909	19 712	2 391
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	1 295	1 114	175	27	82	66	-	6	6	148	907	228
COMPUTER EQUIPMENT OPERATORS	547	494	53	7	35	11	-	-	84	37	351	69
SECRETARIES, STENOGRAPHERS, AND TYPISTS	10 455	7 991	2 331	330	892	1 109	43	90	720	2 135	6 888	583
SECRETARIES	8 084	6 571	1 405	176	566	663	18	90	456	1 674	5 368	511
RECEPTIONISTS	1 064	952	93	-	39	54	6	13	132	327	511	73
FILE CLERKS	803	710	93	12	52	29	-	-	164	147	413	61
FINANCIAL RECORDS PROCESSING OCCUPATIONS	5 123	4 622	376	70	82	224	68	57	347	1 265	3 048	408
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	3 802	3 436	241	27	66	148	68	57	331	1 017	2 124	300
TELEPHONE OPERATORS	734	678	56	10	26	20	-	-	38	159	502	23
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	591	283	308	301	7	-	-	-	64	112	349	48
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	952	897	49	18	14	17	6	-	73	134	644	74
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	286	280	6	-	6	-	-	-	-	17	233	36
BANK TELLERS	1 338	1 286	52	34	18	-	-	-	78	280	827	148
DATA-ENTRY KEYERS	869	824	38	-	21	17	7	-	37	228	512	92
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	8 193	6 058	2 098	331	524	1 243	12	25	1 018	1 920	4 527	548
SERVICE OCCUPATIONS	20 325	15 231	4 443	257	1 599	2 587	630	21	4 226	8 257	6 447	755
PRIVATE HOUSEHOLD OCCUPATIONS	739	733	-	-	-	-	6	-	242	352	87	28
PROTECTIVE SERVICE OCCUPATIONS	628	185	443	20	53	370	-	-	199	231	120	54
FIREFIGHTING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
POLICE AND DETECTIVES, PUBLIC SERVICE	55	-	55	6	-	49	-	-	-	-	42	13
GUARDS	551	177	374	14	47	313	-	-	199	223	72	33
OTHER PROTECTIVE SERVICE OCCUPATIONS	22	8	14	-	6	8	-	-	-	8	6	8
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	18 958	14 313	4 000	237	1 546	2 217	624	21	3 785	7 674	6 240	673
FOOD PREPARATION AND SERVICE OCCUPATIONS	8 784	7 460	1 295	46	303	946	21	8	2 417	4 031	1 880	224
WAITERS AND FOOD COUNTER WORKERS	4 268	4 238	16	5	-	11	6	8	1 102	2 259	698	78
COOKS	1 396	970	411	8	72	331	15	-	167	649	472	54
HEALTH SERVICE OCCUPATIONS	5 185	3 632	1 523	126	962	435	24	6	503	1 600	2 692	211
NURSING AIDES, ORDERLIES, AND ATTENDANTS	4 235	2 818	1 393	93	897	403	24	-	389	1 264	2 261	167
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	1 755	1 382	354	31	182	141	12	7	317	466	832	75
PERSONAL SERVICE OCCUPATIONS	3 234	1 839	828	34	99	695	567	-	548	1 577	836	163
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	1 304	841	15	-	15	-	448	-	107	663	414	71
FARMING, FORESTRY, AND FISHING OCCUPATIONS	443	278	48	4	26	18	88	29	54	125	149	109
FARM OPERATORS AND MANAGERS	75	11	-	-	-	-	64	-	6	18	12	39
FARM OCCUPATIONS, EXCEPT MANAGERIAL	174	135	9	-	9	-	9	21	35	39	61	33
RELATED AGRICULTURAL OCCUPATIONS	154	111	28	-	10	18	15	-	13	50	69	22
FORESTRY AND FISHING OCCUPATIONS	40	21	11	4	7	-	-	8	-	18	7	15
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	2 343	2 137	117	22	28	67	82	7	73	345	1 463	355
MECHANICS AND REPAIRERS	205	195	-	-	-	-	10	-	-	17	136	48
AUTOMOBILE MECHANICS, INCLUDING BODY	25	25	-	-	-	-	-	-	-	7	14	-
AIRCRAFT MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER MECHANICS AND REPAIRERS	180	170	-	-	-	-	10	-	-	10	122	48
CONSTRUCTION TRADES	142	97	19	-	6	13	26	-	15	32	57	32
CARPENTERS	59	26	19	-	6	13	14	-	15	19	17	8
ELECTRICIANS	41	34	-	-	-	-	7	-	-	-	23	12
PAINTERS, CONSTRUCTION AND MAINTENANCE	28	23	-	-	-	-	5	-	-	11	11	6
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	6	6	-	-	-	-	-	-	-	-	-	6
OTHER CONSTRUCTION TRADES	8	8	-	-	-	-	-	-	-	2	6	-
EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	1 996	1 845	98	22	22	54	46	7	58	296	1 270	275
SUPERVISORS, PRODUCTION OCCUPATIONS	715	686	22	-	22	-	-	7	4	61	479	129
MANUFACTURING	523	523	-	-	-	-	-	-	-	51	328	102
PRECISION METALWORKING OCCUPATIONS	210	201	9	9	-	-	-	-	6	6	166	28
TOOL AND DIE MAKERS	7	7	-	-	-	-	-	-	-	-	7	-
MACHINISTS	148	148	-	-	-	-	-	-	-	6	121	21
SHEET METAL WORKERS	14	14	-	-	-	-	-	-	-	-	7	7
OTHER PRECISION METAL WORKERS	41	32	9	9	-	-	-	-	6	-	31	-
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	210	168	8	8	-	-	34	-	20	74	89	6
PLANT AND SYSTEM OPERATORS	30	7	23	-	-	23	-	-	-	-	30	-
OTHER PRECISION PRODUCTION OCCUPATIONS	831	783	36	5	-	31	12	-	28	155	506	112

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

SPRINGFIELD-CHICOPEE-HOLYOKE, MA-CT SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	15 262	14 880	293	65	85	143	78	11	605	2 258	9 806	1 952
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	12 550	12 321	151	34	56	61	67	11	350	1 433	8 638	1 609
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	7 937	7 756	112	12	50	50	58	11	223	1 072	5 351	972
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	403	398	5	5	-	-	-	-	-	47	285	56
PRINTING MACHINE OPERATORS	414	400	-	-	-	-	14	-	33	23	266	84
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	2 362	2 286	44	-	30	14	21	11	84	487	1 506	200
TEXTILE MACHINE OPERATORS	350	342	-	-	-	-	8	-	-	27	253	54
TEXTILE SEWING MACHINE OPERATORS	1 460	1 428	19	-	19	-	13	-	38	282	969	125
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	353	317	25	-	11	14	-	11	39	105	178	8
OTHER SPECIFIED MACHINE OPERATORS	1 320	1 308	12	-	5	7	-	-	37	161	854	196
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	3 438	3 364	51	7	15	29	23	-	69	354	2 440	436
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	902	859	20	-	15	5	23	-	33	117	603	106
MACHINE OPERATORS, NOT SPECIFIED	2 536	2 505	31	7	-	24	-	-	36	237	1 837	330
INDUSTRY:												
MANUFACTURING	3 275	3 235	31	7	-	24	9	-	52	289	2 367	428
NONDURABLE GOODS	1 576	1 576	-	-	-	-	-	-	19	152	1 183	155
FOOD AND KINDRED PRODUCTS	19	19	-	-	-	-	-	-	-	-	12	7
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	80	80	-	-	-	-	-	-	-	20	54	-
PAPER AND ALLIED PRODUCTS	548	548	-	-	-	-	-	-	-	20	433	66
OTHER NONDURABLE GOODS	929	929	-	-	-	-	-	-	19	112	684	82
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	1 699	1 659	31	7	-	24	9	-	33	137	1 184	273
METAL INDUSTRIES	233	227	6	-	-	6	-	-	-	26	130	47
MACHINERY, INCLUDING ELECTRICAL	545	534	11	-	-	11	-	-	17	56	383	77
TRANSPORTATION EQUIPMENT	26	26	-	-	-	-	-	-	-	-	16	10
OTHER DURABLE GOODS	895	872	14	7	-	7	9	-	16	55	655	139
NONMANUFACTURING INDUSTRIES	163	129	20	-	15	5	14	-	17	65	73	8
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	58	44	-	-	-	-	14	-	-	23	27	8
ALL OTHER INDUSTRIES	105	85	20	-	15	5	-	-	17	42	46	-
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	2 938	2 890	39	22	6	11	9	-	70	262	2 163	345
WELDERS AND CUTTERS	78	78	-	-	-	-	-	-	-	9	53	9
ASSEMBLERS	2 571	2 541	30	13	6	11	-	-	60	215	1 921	310
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	289	271	9	9	-	-	9	-	10	38	189	26
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 675	1 675	-	-	-	-	-	-	57	99	1 124	292
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	831	718	102	13	13	76	11	-	104	358	202	128
MOTOR VEHICLE OPERATORS	705	592	102	13	13	76	11	-	104	351	126	95
TRUCK DRIVERS AND DRIVER-SALES WORKERS	234	182	46	-	-	46	6	-	27	60	77	58
BUS DRIVERS	448	399	44	7	13	24	5	-	77	286	43	25
RAIL AND WATER TRANSPORTATION OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	126	126	-	-	-	-	-	-	-	7	76	33
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	1 881	1 841	40	18	16	6	-	-	151	467	966	215
CONSTRUCTION LABORERS	28	21	7	7	-	-	-	-	-	7	21	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	547	531	16	11	5	-	-	-	52	244	182	45
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	13	13	-	-	-	-	-	-	-	6	-	-
HAND PACKERS AND PACKAGERS	975	975	-	-	-	-	-	-	32	169	573	150
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	34	17	17	-	11	6	-	-	11	12	6	5
LABORERS, EXCEPT CONSTRUCTION	284	284	-	-	-	-	-	-	56	29	184	15
MANUFACTURING	120	120	-	-	-	-	-	-	6	6	97	11
NONDURABLE GOODS	84	84	-	-	-	-	-	-	6	6	66	6
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	36	36	-	-	-	-	-	-	-	-	31	5
METAL INDUSTRIES	5	5	-	-	-	-	-	-	-	-	5	-
NONMANUFACTURING INDUSTRIES	164	164	-	-	-	-	-	-	50	23	87	4
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	5	5	-	-	-	-	-	-	-	-	5	-
WHOLESALE AND RETAIL TRADE	84	84	-	-	-	-	-	-	19	16	49	-
ALL OTHER INDUSTRIES	75	75	-	-	-	-	-	-	31	7	33	4

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

SPRINGFIELD-CHICOPEE-HOLYOKE, MA-CT SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
WHITE												
MALES 16 YEARS AND OVER	124 399	97 504	19 001	4 562	4 640	9 799	7 818	76	3 811	11 275	62 028	44 784
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	28 555	19 091	6 929	798	2 024	4 107	2 515	20	497	1 718	13 765	12 211
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	14 827	11 535	2 302	515	757	1 030	974	16	155	482	6 800	7 241
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	524	-	524	85	94	345	-	-	13	21	348	136
MANAGEMENT RELATED OCCUPATIONS	3 439	2 392	782	242	347	193	260	5	56	113	1 975	1 259
PROFESSIONAL SPECIALTY OCCUPATIONS	13 728	7 556	4 627	283	1 267	3 077	1 541	4	342	1 236	6 965	4 970
ENGINEERS AND NATURAL SCIENTISTS	3 893	3 449	336	95	146	95	108	-	25	94	2 480	1 226
ENGINEERS	2 924	2 707	168	35	80	53	49	-	13	68	1 863	938
HEALTH DIAGNOSING OCCUPATIONS	1 057	602	21	15	6	-	434	-	-	60	319	660
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	519	376	124	37	62	25	19	-	10	16	279	214
TEACHERS, LIBRARIANS, AND COUNSELORS	4 514	1 121	3 349	56	597	2 696	44	-	178	744	2 222	1 325
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	2 660	201	2 459	12	26	2 421	-	-	40	513	1 429	655
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	24 085	19 276	3 168	2 206	502	460	1 613	28	886	2 299	12 178	8 397
HEALTH TECHNOLOGISTS AND TECHNICIANS	265	181	84	43	32	9	-	-	22	11	165	67
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	3 141	2 690	401	151	99	151	50	-	111	195	1 775	996
SALES OCCUPATIONS	11 477	9 894	66	25	35	6	1 489	28	513	1 352	4 633	4 875
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	2 829	2 239	25	7	18	-	559	6	11	104	877	1 812
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	4 857	4 195	20	12	8	-	635	7	100	303	2 535	1 888
OTHER SALES OCCUPATIONS	3 791	3 460	21	6	9	6	295	15	402	945	1 221	1 175
CASHIERS	462	425	15	-	9	6	14	8	28	274	65	83
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	9 202	6 511	2 617	1 987	336	294	74	-	240	741	5 605	2 459
COMPUTER EQUIPMENT OPERATORS	306	291	9	5	4	-	6	-	-	-	207	99
SECRETARIES, STENOGRAPHERS, AND TYPISTS	67	28	39	-	18	21	-	-	11	10	46	-
FINANCIAL RECORDS PROCESSING OCCUPATIONS	407	349	54	33	11	10	4	-	17	53	248	84
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	1 778	230	1 548	1 513	16	19	-	-	31	97	1 250	366
SERVICE OCCUPATIONS	12 941	7 364	5 223	492	1 176	3 555	344	10	1 251	2 743	5 461	3 283
PRIVATE HOUSEHOLD OCCUPATIONS	30	30	-	-	-	-	-	-	15	10	5	-
PROTECTIVE SERVICE OCCUPATIONS	3 956	968	2 975	154	446	2 375	13	-	124	348	1 703	1 713
POLICE AND FIREFIGHTERS	2 100	20	2 080	64	136	1 880	-	-	6	29	802	1 251
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	8 955	6 366	2 248	338	730	1 180	331	10	1 112	2 385	3 753	1 570
FOOD SERVICE OCCUPATIONS	3 268	3 029	174	42	95	37	57	8	607	1 346	775	487
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	4 446	2 756	1 616	192	329	1 095	72	2	434	839	2 315	805
FARMING, FORESTRY, AND FISHING OCCUPATIONS	1 538	903	253	9	91	153	382	-	88	279	564	536
FARM OPERATORS AND MANAGERS	393	99	5	-	5	-	289	-	17	46	47	272
FARM WORKERS AND RELATED OCCUPATIONS	1 064	784	233	-	86	147	47	-	63	212	494	235
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	27 009	22 867	1 708	435	519	754	2 422	12	378	1 538	14 257	10 168
MECHANICS AND REPAIRERS	8 843	7 507	656	291	164	201	680	-	191	403	4 559	3 508
CONSTRUCTION TRADES	6 839	4 724	669	88	250	331	1 434	12	93	604	4 387	1 507
PRECISION PRODUCTION OCCUPATIONS	11 327	10 636	383	56	105	222	308	-	94	531	5 311	5 153
OPERATORS, FABRICATORS, AND LABORERS	30 271	28 003	1 720	622	328	770	542	6	711	2 698	15 803	10 189
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	12 599	12 245	251	69	56	126	103	-	141	509	7 052	4 531
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	4 251	4 050	127	58	38	31	74	-	64	256	2 507	1 358
TRANSPORTATION OCCUPATIONS	5 767	4 948	520	178	111	231	299	-	139	458	2 389	2 557
MOTOR VEHICLE OPERATORS	5 523	4 817	407	65	111	231	299	-	139	443	2 317	2 412
MATERIAL MOVING EQUIPMENT OPERATORS	1 625	1 449	153	17	21	115	23	-	15	57	995	519
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	6 029	5 311	669	300	102	267	43	6	352	1 418	2 860	1 224
CONSTRUCTION LABORERS	530	381	149	-	55	94	-	-	12	26	413	57
FREIGHT, STOCK, AND MATERIAL HANDLERS	2 370	2 056	298	249	18	31	16	-	209	853	816	397

TABLE 22Q. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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SPRINGFIELD-CHICOPEE-HOLYOKE, MA-CT SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS				SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
	TOTAL		TOTAL	FEDERAL	STATE	LOCAL						
WHITE												
FEMALES 16 YEARS AND OVER	101 215	79 939	18 565	1 800	5 624	11 141	2 311	400	10 710	28 132	50 659	9 268
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	21 116	12 135	8 113	385	1 851	5 877	827	41	1 544	5 149	10 951	3 002
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	6 030	4 728	1 016	144	381	491	252	34	214	716	3 624	1 357
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	202	-	202	21	46	135	-	-	5	32	121	27
MANAGEMENT RELATED OCCUPATIONS	1 615	1 386	182	45	102	35	41	6	18	117	1 147	307
PROFESSIONAL SPECIALTY OCCUPATIONS	15 086	7 407	7 097	241	1 470	5 386	575	7	1 330	4 433	7 327	1 645
ENGINEERS AND NATURAL SCIENTISTS	287	236	33	22	5	6	18	-	14	46	140	78
ENGINEERS	35	35	-	-	-	-	-	-	-	-	25	10
HEALTH DIAGNOSING OCCUPATIONS	109	87	-	-	-	-	22	-	-	17	47	45
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	4 726	3 723	941	126	416	399	62	-	250	1 478	2 506	349
TEACHERS, LIBRARIANS, AND COUNSELORS	7 735	2 074	5 510	30	626	4 854	151	-	843	2 380	3 565	810
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	5 551	1 016	4 521	20	150	4 351	14	-	429	1 837	2 709	459
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	45 359	38 217	6 199	1 133	2 180	2 886	652	291	4 553	12 592	24 045	3 465
HEALTH TECHNOLOGISTS AND TECHNICIANS	2 636	2 109	527	38	316	173	-	-	127	692	1 490	278
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	894	722	161	17	110	34	11	-	119	140	476	153
SALES OCCUPATIONS	11 176	10 364	213	40	94	79	499	100	1 769	5 021	3 446	724
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 356	1 080	6	6	-	-	231	39	42	283	753	269
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	1 518	1 403	5	-	-	5	93	17	143	357	803	192
OTHER SALES OCCUPATIONS	8 302	7 881	202	34	94	74	175	44	1 584	4 381	1 890	263
CASHIERS	3 386	3 211	160	28	71	61	6	9	559	2 059	614	84
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	30 653	25 022	5 298	1 038	1 660	2 600	142	191	2 538	6 739	18 633	2 310
COMPUTER EQUIPMENT OPERATORS	500	456	44	7	26	11	-	-	84	37	316	57
SECRETARIES, STENOGRAPHERS, AND TYPISTS	10 054	7 685	2 236	317	848	1 071	43	90	691	2 096	6 579	566
FINANCIAL RECORDS PROCESSING OCCUPATIONS	5 017	4 535	357	70	74	213	68	57	335	1 259	2 965	408
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	568	272	296	289	7	-	-	-	64	112	326	48
SERVICE OCCUPATIONS	18 662	14 196	3 851	211	1 466	2 174	594	21	3 968	7 806	5 657	660
PRIVATE HOUSEHOLD OCCUPATIONS	678	672	-	-	-	-	6	-	231	302	87	28
PROTECTIVE SERVICE OCCUPATIONS	549	167	382	14	53	315	-	-	191	210	94	43
POLICE AND FIREFIGHTERS	23	-	23	-	-	23	-	-	-	-	16	7
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	17 435	13 357	3 469	197	1 413	1 859	588	21	3 546	7 294	5 476	589
FOOD SERVICE OCCUPATIONS	8 452	7 188	1 244	41	276	927	12	8	2 334	3 921	1 778	200
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	1 523	1 222	289	25	140	124	5	7	283	439	683	53
FARMING, FORESTRY, AND FISHING OCCUPATIONS	411	246	48	4	26	18	88	29	37	125	134	109
FARM OPERATORS AND MANAGERS	75	11	-	-	-	-	64	-	6	18	12	39
FARM WORKERS AND RELATED OCCUPATIONS	296	214	37	-	19	18	24	21	31	89	115	55
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	2 110	1 930	96	13	16	67	77	7	65	314	1 309	330
MECHANICS AND REPAIRERS	199	189	-	-	-	-	10	-	-	17	136	42
CONSTRUCTION TRADES	129	84	19	-	6	13	26	-	15	32	50	26
PRECISION PRODUCTION OCCUPATIONS	1 782	1 657	77	13	10	54	41	7	50	265	1 123	262
OPERATORS, FABRICATORS, AND LABORERS	13 557	13 215	258	54	85	119	73	11	543	2 146	8 563	1 702
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	7 195	7 028	98	7	50	41	58	11	185	993	4 811	897
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	3 863	3 820	39	22	6	11	4	-	110	345	2 709	516
TRANSPORTATION OCCUPATIONS	647	555	81	7	13	61	11	-	97	340	107	74
MOTOR VEHICLE OPERATORS	647	555	81	7	13	61	11	-	97	340	107	74
MATERIAL MOVING EQUIPMENT OPERATORS	104	104	-	-	-	-	-	-	-	7	76	21
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	1 748	1 708	40	18	16	6	-	-	151	461	860	194
CONSTRUCTION LABORERS	28	21	7	7	-	-	-	-	-	7	21	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	504	488	16	11	5	-	-	-	52	238	152	38

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

SPRINGFIELD-CHICOPEE-HOLYOKE, MA-CT SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS TOTAL	FEDERAL	STATE	LOCAL	SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
BLACK												
MALES 16 YEARS AND OVER	4 796	3 791	873	334	232	307	132	-	173	377	3 242	869
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	655	389	209	18	105	86	57	-	17	36	414	177
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	354	248	83	18	42	23	23	-	8	-	247	99
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	7	-	7	7	-	-	-	-	-	-	-	7
MANAGEMENT RELATED OCCUPATIONS	123	93	30	11	19	-	-	-	8	-	88	27
PROFESSIONAL SPECIALTY OCCUPATIONS	301	141	126	-	63	63	34	-	9	36	167	78
ENGINEERS AND NATURAL SCIENTISTS	41	41	-	-	-	-	-	-	-	-	34	7
ENGINEERS	30	30	-	-	-	-	-	-	-	-	30	-
HEALTH DIAGNOSING OCCUPATIONS	7	-	-	-	-	-	7	-	-	-	-	7
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	16	16	-	-	-	-	-	-	-	-	6	10
TEACHERS, LIBRARIANS, AND COUNSELORS	95	26	69	-	17	52	-	-	-	13	58	13
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	69	-	69	-	17	52	-	-	-	5	47	6
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	727	494	226	168	29	29	7	-	48	66	469	135
HEALTH TECHNOLOGISTS AND TECHNICIANS	-	-	-	-	-	-	-	-	-	-	-	-
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	116	109	7	-	7	-	-	-	7	-	90	15
SALES OCCUPATIONS	146	133	6	-	6	-	7	-	7	25	57	57
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	31	24	-	-	-	-	7	-	-	-	7	24
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	58	58	-	-	-	-	-	-	-	7	31	20
OTHER SALES OCCUPATIONS	57	51	6	-	6	-	-	-	7	18	19	13
CASHIERS	12	6	6	-	6	-	-	-	-	6	6	-
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	465	252	213	168	16	29	-	-	34	41	322	63
COMPUTER EQUIPMENT OPERATORS	7	7	-	-	-	-	-	-	-	-	7	-
SECRETARIES, STENOGRAPHERS, AND TYPISTS	4	4	-	-	-	-	-	-	-	-	4	-
FINANCIAL RECORDS PROCESSING OCCUPATIONS	11	5	6	-	-	6	-	-	-	-	11	-
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	140	-	140	140	-	-	-	-	5	8	109	18
SERVICE OCCUPATIONS	772	513	244	51	75	118	15	-	50	119	506	86
PRIVATE HOUSEHOLD OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
PROTECTIVE SERVICE OCCUPATIONS	186	72	114	17	18	79	-	-	-	16	150	20
POLICE AND FIREFIGHTERS	65	-	65	-	5	60	-	-	-	-	65	-
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	586	441	130	34	57	39	15	-	50	103	356	66
FOOD SERVICE OCCUPATIONS	153	139	4	4	-	-	10	-	12	26	103	12
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	283	232	51	20	11	20	-	-	29	53	146	44
FARMING, FORESTRY, AND FISHING OCCUPATIONS	37	9	28	-	-	28	-	-	-	-	32	5
FARM OPERATORS AND MANAGERS	-	-	-	-	-	-	-	-	-	-	-	-
FARM WORKERS AND RELATED OCCUPATIONS	37	9	28	-	-	28	-	-	-	-	32	5
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	844	758	43	12	14	17	43	-	7	14	652	127
MECHANICS AND REPAIRERS	273	237	21	12	9	-	15	-	-	6	219	39
CONSTRUCTION TRADES	153	103	22	-	5	17	28	-	-	8	116	11
PRECISION PRODUCTION OCCUPATIONS	418	418	-	-	-	-	-	-	7	-	317	77
OPERATORS, FABRICATORS, AND LABORERS	1 761	1 628	123	85	9	29	10	-	51	142	1 169	339
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	783	761	22	18	4	-	-	-	7	35	611	120
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	295	286	9	9	-	-	-	-	6	3	222	53
TRANSPORTATION OCCUPATIONS	291	256	25	7	5	13	10	-	18	9	160	91
MOTOR VEHICLE OPERATORS	291	256	25	7	5	13	10	-	18	9	160	91
MATERIAL MOVING EQUIPMENT OPERATORS	59	59	-	-	-	-	-	-	-	-	24	35
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	333	266	67	51	-	16	-	-	20	95	152	40
CONSTRUCTION LABORERS	48	48	-	-	-	-	-	-	-	7	41	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	173	116	57	41	-	16	-	-	8	57	75	18

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

SPRINGFIELD-CHICOPEE-HOLYOKE, MA-CT SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS TOTAL	GOVERNMENT WORKERS FEDERAL	GOVERNMENT WORKERS STATE	GOVERNMENT WORKERS LOCAL	SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
BLACK												
FEMALES 16 YEARS AND OVER	5 156	3 835	1 273	137	434	702	48	-	497	752	3 299	447
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	816	370	431	32	170	229	15	-	57	95	525	111
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	270	159	102	18	37	47	9	-	19	15	179	57
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	11	-	11	-	-	11	-	-	-	6	-	5
MANAGEMENT RELATED OCCUPATIONS	116	65	51	11	15	25	-	-	-	-	88	28
PROFESSIONAL SPECIALTY OCCUPATIONS	546	211	329	14	133	182	6	-	38	80	346	54
ENGINEERS AND NATURAL SCIENTISTS	8	8	-	-	-	-	-	-	-	-	8	-
ENGINEERS	8	8	-	-	-	-	-	-	-	-	8	-
HEALTH DIAGNOSING OCCUPATIONS	7	7	-	-	-	-	-	-	-	-	7	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	126	98	22	-	22	-	6	-	6	-	87	21
TEACHERS, LIBRARIANS, AND COUNSELORS	305	70	235	7	50	178	-	-	32	72	176	25
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	184	30	154	-	11	143	-	-	21	47	102	14
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1 630	1 289	331	59	138	134	10	-	216	252	1 057	67
HEALTH TECHNOLOGISTS AND TECHNICIANS	99	87	12	-	12	-	-	-	-	41	43	15
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	42	42	-	-	-	-	-	-	-	5	37	-
SALES OCCUPATIONS	234	219	5	5	-	-	10	-	52	89	86	-
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	10	-	-	-	-	-	10	-	-	-	10	-
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	20	20	-	-	-	-	-	-	-	4	16	-
OTHER SALES OCCUPATIONS	204	199	5	5	-	-	-	-	52	85	60	-
CASHIERS	88	88	-	-	-	-	-	-	34	43	11	-
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	1 255	941	314	54	126	134	-	-	164	117	891	52
COMPUTER EQUIPMENT OPERATORS	35	26	9	-	9	-	-	-	-	-	35	-
SECRETARIES, STENOGRAPHERS, AND TYPISTS	273	203	70	-	38	32	-	-	7	26	240	-
FINANCIAL RECORDS PROCESSING OCCUPATIONS	95	76	19	-	8	11	-	-	12	-	78	-
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	23	11	12	12	-	-	-	-	-	-	23	-
SERVICE OCCUPATIONS	1 301	808	470	32	114	324	23	-	179	293	711	71
PRIVATE HOUSEHOLD OCCUPATIONS	28	28	-	-	-	-	-	-	-	28	-	-
PROTECTIVE SERVICE OCCUPATIONS	52	5	47	6	-	41	-	-	-	21	12	6
POLICE AND FIREFIGHTERS	18	-	18	6	-	12	-	-	-	-	12	6
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	1 221	775	423	26	114	283	23	-	179	244	699	65
FOOD SERVICE OCCUPATIONS	193	165	19	-	14	5	9	-	37	60	73	18
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	209	137	65	6	42	17	7	-	20	27	140	22
FARMING, FORESTRY, AND FISHING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
FARM OPERATORS AND MANAGERS	-	-	-	-	-	-	-	-	-	-	-	-
FARM WORKERS AND RELATED OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	168	147	21	9	12	-	-	-	8	18	119	13
MECHANICS AND REPAIRERS	-	-	-	-	-	-	-	-	-	-	-	-
CONSTRUCTION TRADES	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	168	147	21	9	12	-	-	-	8	18	119	13
OPERATORS, FABRICATORS, AND LABORERS	1 241	1 221	20	5	-	15	-	-	37	94	887	185
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	516	511	5	5	-	-	-	-	22	61	361	62
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	592	592	-	-	-	-	-	-	8	16	444	106
TRANSPORTATION OCCUPATIONS	27	12	15	-	-	15	-	-	7	11	9	-
MOTOR VEHICLE OPERATORS	27	12	15	-	-	15	-	-	7	11	9	-
MATERIAL MOVING EQUIPMENT OPERATORS	10	10	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	96	96	-	-	-	-	-	-	-	6	73	17
CONSTRUCTION LABORERS	-	-	-	-	-	-	-	-	-	-	-	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	43	43	-	-	-	-	-	-	-	6	30	7

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

WORCESTER, MA SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
MALES 16 YEARS AND OVER	96 284	77 102	13 097	2 101	3 314	7 682	5 931	154	3 573	8 850	45 870	35 905
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	24 973	17 265	5 617	434	1 665	3 518	2 056	35	570	1 238	12 267	10 628
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	12 412	9 746	1 697	305	582	810	946	23	185	421	5 813	5 876
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	401	2	399	52	130	217	-	-	37	13	290	61
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	530	163	361	-	87	274	6	-	6	14	265	239
MANAGERS, MEDICINE AND HEALTH	119	71	43	-	37	6	5	-	-	5	52	62
OTHER SPECIFIED MANAGERS	2 477	2 206	126	64	14	48	145	-	14	57	1 140	1 237
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	5 791	5 479	312	67	93	152	-	-	51	159	2 485	3 028
MANUFACTURING	2 170	2 170	-	-	-	-	-	-	10	57	996	1 091
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	390	337	53	16	5	32	-	-	-	5	205	179
WHOLESALE AND RETAIL TRADE	1 468	1 468	-	-	-	-	-	-	13	34	434	970
ALL OTHER INDUSTRIES	1 763	1 504	259	51	88	120	-	-	28	63	850	788
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	591	-	-	-	-	-	574	17	33	30	167	355
CONSTRUCTION	82	-	-	-	-	-	82	-	6	12	29	35
MANUFACTURING	72	-	-	-	-	-	67	5	6	5	13	48
WHOLESALE AND RETAIL TRADE	225	-	-	-	-	-	213	12	4	-	52	169
ALL OTHER INDUSTRIES	212	-	-	-	-	-	212	-	17	13	73	103
MANAGEMENT RELATED OCCUPATIONS	2 503	1 825	456	122	221	113	216	6	44	143	1 414	894
ACCOUNTANTS AND AUDITORS	971	687	129	35	74	20	149	6	10	66	528	365
BUYERS AND PURCHASING AGENTS	452	419	22	4	6	12	11	-	-	23	232	197
PROFESSIONAL SPECIALTY OCCUPATIONS	12 561	7 519	3 920	129	1 083	2 708	1 110	12	385	817	6 454	4 752
ENGINEERS, ARCHITECTS, AND SURVEYORS	3 480	3 197	220	46	71	103	57	6	38	42	2 234	1 141
ARCHITECTS	99	52	7	-	-	7	34	6	12	6	42	39
ENGINEERS	3 292	3 056	213	46	71	96	23	-	26	36	2 148	1 057
ELECTRICAL AND ELECTRONIC ENGINEERS	596	596	-	-	-	-	-	-	-	6	428	162
MECHANICAL ENGINEERS	766	743	21	8	5	8	2	-	5	6	462	287
OTHER ENGINEERS	1 930	1 717	192	38	66	88	21	-	21	24	1 258	608
SURVEYORS AND MAPPING SCIENTISTS	89	89	-	-	-	-	-	-	-	-	44	45
MATHEMATICAL AND COMPUTER SCIENTISTS	505	455	22	9	13	-	28	-	5	22	338	140
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	377	333	16	3	13	-	28	-	5	22	244	106
NATURAL SCIENTISTS	305	258	40	10	15	15	7	-	13	7	204	81
HEALTH DIAGNOSING OCCUPATIONS	1 043	464	154	-	132	22	425	-	40	77	173	737
PHYSICIANS	791	421	149	-	132	17	221	-	25	51	80	619
DENTISTS	188	30	5	-	-	5	153	-	15	26	60	87
OTHER HEALTH DIAGNOSING PRACTITIONERS	64	13	-	-	-	-	51	-	-	-	33	31
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	412	299	91	7	42	42	22	-	13	15	151	222
REGISTERED NURSES	75	34	41	-	24	17	-	-	10	3	32	30
PHARMACISTS	219	197	7	7	-	-	15	-	-	-	70	138
THERAPISTS	76	35	34	-	9	25	7	-	-	12	33	31
TEACHERS, LIBRARIANS, AND COUNSELORS	3 878	1 102	2 740	4	403	2 333	36	-	137	460	1 984	1 238
TEACHERS, POSTSECONDARY	855	577	278	-	253	25	-	-	61	111	299	368
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	1 183	139	1 044	-	40	1 004	-	-	12	131	680	353
TEACHERS, SECONDARY	1 171	111	1 060	-	12	1 048	-	-	23	123	662	342
SOCIAL SCIENTISTS AND URBAN PLANNERS	364	215	134	2	63	69	15	-	-	38	205	121
SOCIAL AND RECREATION WORKERS	531	171	360	31	273	56	-	-	32	43	329	113
RELIGIOUS WORKERS	374	330	21	-	5	16	23	-	-	16	57	301
LAWYERS AND JUDGES	550	164	108	14	58	36	278	-	26	25	239	260
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	1 119	864	30	6	8	16	219	6	81	72	540	398
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	18 224	14 993	1 992	1 137	486	369	1 212	27	725	1 709	8 768	6 742
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	2 997	2 621	341	48	201	92	35	-	110	201	1 846	807
HEALTH TECHNOLOGISTS AND TECHNICIANS	311	119	192	-	137	55	-	-	17	50	116	125
LICENSED PRACTICAL NURSES	59	-	59	-	54	5	-	-	-	-	50	6
ENGINEERING AND SCIENCE TECHNICIANS	1 637	1 557	80	31	12	37	-	-	51	92	1 031	446
ELECTRICAL AND ELECTRONIC TECHNICIANS	473	455	18	12	6	-	-	-	13	24	308	117
DRAFTING AND SURVEYING TECHNICIANS	551	534	17	-	-	17	-	-	14	24	348	159
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	1 049	945	69	17	52	-	35	-	42	59	699	236
AIRPLANE PILOTS AND NAVIGATORS	58	53	-	-	-	-	5	-	5	15	15	23
COMPUTER PROGRAMMERS	392	381	11	6	5	-	-	-	14	16	298	58
SALES OCCUPATIONS	7 918	6 735	46	-	33	13	1 130	7	262	648	3 200	3 732
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 834	1 338	-	-	-	-	489	7	8	77	486	1 238
SELF-EMPLOYED	496	-	-	-	-	-	489	7	-	36	111	342
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	1 517	1 212	-	-	-	-	305	-	12	66	828	588
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	2 157	2 053	-	-	-	-	104	-	7	92	1 070	973
SALES WORKERS, RETAIL AND PERSONAL SERVICES	2 365	2 094	46	-	33	13	225	-	235	413	801	903
CASHIERS	299	257	33	-	33	-	9	-	63	94	83	53
SALES RELATED OCCUPATIONS	45	38	-	-	-	-	7	-	-	-	15	30

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

WORCESTER, MA SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	7 309	5 637	1 605	1 089	252	264	47	20	353	860	3 722	2 203
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	1 223	936	282	126	106	50	5	-	5	10	700	508
COMPUTER EQUIPMENT OPERATORS	264	264	-	-	-	-	-	-	16	16	153	79
SECRETARIES, STENOGRAPHERS, AND TYPISTS	23	17	6	6	-	-	-	-	11	12	-	-
SECRETARIES	11	11	-	-	-	-	-	-	11	-	-	-
RECEPTIONISTS	36	30	6	-	6	-	-	-	9	8	13	-
FILE CLERKS	63	43	20	7	-	13	-	-	5	15	24	19
FINANCIAL RECORDS PROCESSING OCCUPATIONS	334	287	29	16	-	13	13	5	28	62	170	74
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	160	155	-	-	-	-	-	5	14	25	90	31
TELEPHONE OPERATORS	27	18	9	-	-	9	-	-	5	-	15	7
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	1 083	231	831	797	34	-	6	15	39	144	640	233
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	1 812	1 752	54	11	32	11	6	-	36	279	777	635
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	137	137	-	-	-	-	-	-	-	6	114	10
BANK TELLERS	85	85	-	-	-	-	-	-	-	17	25	43
DATA-ENTRY KEYERS	30	26	4	-	-	4	-	-	-	-	19	7
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	2 192	1 811	364	126	74	164	17	-	199	291	1 072	588
SERVICE OCCUPATIONS	9 707	6 051	3 290	128	685	2 477	345	21	1 164	2 037	3 779	2 462
PRIVATE HOUSEHOLD OCCUPATIONS	15	15	-	-	-	-	-	-	-	3	12	-
PROTECTIVE SERVICE OCCUPATIONS	2 533	781	1 752	21	195	1 536	-	-	111	276	963	1 115
FIREFIGHTING OCCUPATIONS	643	-	643	6	-	637	-	-	7	6	81	543
POLICE AND DETECTIVES, PUBLIC SERVICE	652	-	652	6	66	580	-	-	-	7	378	235
GUARDS	895	744	151	9	81	61	-	-	104	263	324	178
OTHER PROTECTIVE SERVICE OCCUPATIONS	343	37	306	-	48	258	-	-	-	-	180	159
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	7 159	5 255	1 538	107	490	941	345	21	1 053	1 758	2 804	1 347
FOOD PREPARATION AND SERVICE OCCUPATIONS	2 455	2 267	83	-	51	32	91	14	563	816	527	453
WAITERS AND FOOD COUNTER WORKERS	223	217	6	-	-	6	-	-	86	81	33	23
COOKS	819	721	43	-	31	12	49	6	98	289	245	143
HEALTH SERVICE OCCUPATIONS	348	178	170	-	153	17	-	-	16	74	220	30
NURSING AIDES, ORDERLIES, AND ATTENDANTS	278	119	159	-	142	17	-	-	10	47	201	12
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	3 825	2 502	1 236	80	271	885	80	7	389	773	1 869	703
PERSONAL SERVICE OCCUPATIONS	531	308	49	27	15	7	174	-	85	95	188	161
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	269	88	13	9	4	-	168	-	5	29	105	128
FARMING, FORESTRY, AND FISHING OCCUPATIONS	1 304	760	230	31	39	160	286	28	74	227	470	499
FARM OPERATORS AND MANAGERS	263	57	-	-	-	-	206	-	-	17	42	204
FARM OCCUPATIONS, EXCEPT MANAGERIAL	339	279	18	-	10	8	20	22	2	93	71	173
RELATED AGRICULTURAL OCCUPATIONS	637	382	212	31	29	152	37	6	67	117	318	101
FORESTRY AND FISHING OCCUPATIONS	65	42	-	-	-	-	23	-	5	-	39	21
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	18 307	15 826	969	188	247	534	1 507	5	258	989	9 193	7 495
MECHANICS AND REPAIRERS	5 521	4 746	310	99	58	153	465	-	76	282	2 668	2 402
AUTOMOBILE MECHANICS, INCLUDING BODY	1 655	1 347	34	11	3	20	274	-	14	124	764	727
AIRCRAFT MECHANICS	32	22	6	6	-	-	4	-	-	5	11	16
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	193	176	-	-	-	-	17	-	5	7	78	102
OTHER MECHANICS AND REPAIRERS	3 641	3 201	270	82	55	133	170	-	57	146	1 815	1 557
CONSTRUCTION TRADES	4 615	3 340	462	45	149	268	808	5	97	395	2 685	1 330
CARPENTERS	1 336	847	101	22	34	45	388	-	36	92	845	322
ELECTRICIANS	645	524	52	-	15	37	69	-	4	28	432	176
PAINTERS, CONSTRUCTION AND MAINTENANCE	357	227	59	6	24	29	66	5	4	67	153	133
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	560	447	46	6	27	13	67	-	19	31	296	192
OTHER CONSTRUCTION TRADES	1 717	1 295	204	11	49	144	218	-	34	177	959	507
EXTRACTIVE OCCUPATIONS	28	14	-	-	-	-	14	-	-	7	1	20
PRECISION PRODUCTION OCCUPATIONS	8 143	7 726	197	44	40	113	220	-	85	305	3 839	3 743
SUPERVISORS, PRODUCTION OCCUPATIONS	3 413	3 300	71	9	8	54	42	-	48	62	1 521	1 737
MANUFACTURING	2 786	2 756	9	9	-	-	21	-	20	44	1 258	1 430
PRECISION METALWORKING OCCUPATIONS	2 871	2 795	39	23	-	16	37	-	18	102	1 366	1 298
TOOL AND DIE MAKERS	510	505	-	-	-	-	5	-	-	-	214	283
MACHINISTS	1 948	1 903	28	23	-	5	17	-	5	79	959	840
SHEET METAL WORKERS	239	225	6	-	-	6	8	-	-	23	103	104
OTHER PRECISION METAL WORKERS	174	162	5	-	-	5	7	-	13	-	90	71
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	262	200	15	6	9	-	47	-	-	39	132	87
PLANT AND SYSTEM OPERATORS	312	246	66	6	23	37	-	-	-	-	190	116
OTHER PRECISION PRODUCTION OCCUPATIONS	1 285	1 185	6	-	-	6	94	-	19	102	630	505

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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WORCESTER, MA SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	23 769	22 207	999	183	192	624	525	38	782	2 650	11 393	8 079
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	13 246	12 753	296	88	89	119	174	23	200	880	6 930	4 761
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	10 047	9 631	254	74	73	107	139	23	176	607	5 289	3 595
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	2 192	2 131	36	31	-	5	25	-	34	67	1 045	958
PRINTING MACHINE OPERATORS	660	605	18	-	12	6	37	-	14	57	390	199
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	882	817	36	-	13	23	22	7	21	74	498	248
TEXTILE MACHINE OPERATORS	409	403	-	-	-	-	6	-	-	25	251	113
TEXTILE SEWING MACHINE OPERATORS	40	27	-	-	-	-	6	7	-	7	28	5
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	217	176	31	-	13	18	10	-	14	26	93	77
OTHER SPECIFIED MACHINE OPERATORS	3 017	2 897	73	5	43	25	41	6	34	208	1 722	949
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	3 296	3 181	91	38	5	48	14	10	73	201	1 634	1 241
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	903	903	-	-	-	-	-	-	10	29	398	434
MACHINE OPERATORS, NOT SPECIFIED	2 393	2 278	91	38	5	48	14	10	63	172	1 236	807
INDUSTRY:												
MANUFACTURING	3 083	3 020	48	24	-	24	10	5	68	166	1 502	1 205
NONDURABLE GOODS	793	781	7	-	-	7	-	5	21	78	369	289
FOOD AND KINDRED PRODUCTS	54	42	7	-	-	7	-	5	-	-	29	25
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	167	167	-	-	-	-	-	-	-	31	80	56
PAPER AND ALLIED PRODUCTS	134	134	-	-	-	-	-	-	-	6	80	48
OTHER NONDURABLE GOODS	438	438	-	-	-	-	-	-	21	41	180	160
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	2 290	2 239	41	24	-	17	10	-	47	88	1 133	916
METAL INDUSTRIES	1 016	997	19	11	-	8	-	-	12	39	518	408
MACHINERY, INCLUDING ELECTRICAL	697	692	5	5	-	-	-	-	15	32	301	317
TRANSPORTATION EQUIPMENT	39	39	-	-	-	-	-	-	-	-	36	3
OTHER DURABLE GOODS	538	511	17	8	-	9	10	-	20	17	278	188
NONMANUFACTURING INDUSTRIES	213	161	43	14	5	24	4	5	5	35	132	36
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	48	30	18	7	-	11	-	-	-	-	37	11
WHOLESALE AND RETAIL TRADE	63	63	-	-	-	-	-	-	-	-	33	25
ALL OTHER INDUSTRIES	102	68	25	7	5	13	4	5	5	35	62	-
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	2 066	2 000	31	3	16	12	35	-	24	154	1 121	690
WELDERS AND CUTTERS	629	602	15	-	3	12	12	-	-	11	299	279
ASSEMBLERS	1 347	1 320	16	3	13	-	11	-	17	137	761	395
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	90	78	-	-	-	-	12	-	7	6	61	16
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 133	1 122	11	11	-	-	-	-	-	119	520	476
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	5 821	5 100	427	15	52	360	288	6	143	509	2 552	2 432
MOTOR VEHICLE OPERATORS	4 434	3 896	311	15	33	263	221	6	113	415	1 766	1 999
TRUCK DRIVERS AND DRIVER-SALES WORKERS	3 792	3 412	195	10	21	164	179	6	56	252	1 510	1 851
BUS DRIVERS	370	281	89	5	5	79	-	-	38	92	156	66
RAIL AND WATER TRANSPORTATION OCCUPATIONS	87	87	-	-	-	-	-	-	-	-	32	55
MATERIAL MOVING EQUIPMENT OPERATORS	1 300	1 117	116	-	19	97	67	-	30	94	754	378
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	178	103	32	-	7	25	43	-	-	5	95	72
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	4 702	4 354	276	80	51	145	63	9	439	1 261	1 911	886
CONSTRUCTION LABORERS	438	348	90	8	40	42	-	-	22	40	256	88
FREIGHT, STOCK, AND MATERIAL HANDLERS	2 004	1 839	124	72	-	52	41	-	267	710	644	274
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	338	308	6	-	-	6	15	9	28	145	74	91
HAND PACKERS AND PACKAGERS	270	270	-	-	-	-	-	-	8	57	147	52
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	511	508	3	-	3	-	-	-	40	126	221	90
LABORERS, EXCEPT CONSTRUCTION	1 141	1 081	53	-	8	45	7	-	74	183	569	291
MANUFACTURING	493	493	-	-	-	-	-	-	18	46	292	124
NONDURABLE GOODS	137	137	-	-	-	-	-	-	-	27	79	26
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	356	356	-	-	-	-	-	-	18	19	213	98
METAL INDUSTRIES	129	129	-	-	-	-	-	-	18	-	67	36
NONMANUFACTURING INDUSTRIES	648	588	53	-	8	45	7	-	56	137	277	167
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	85	67	18	-	-	18	-	-	-	12	40	22
WHOLESALE AND RETAIL TRADE	427	420	-	-	-	-	7	-	29	83	189	126
ALL OTHER INDUSTRIES	136	101	35	-	8	27	-	-	27	42	48	19

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WORCESTER, MA SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
FEMALES 16 YEARS AND OVER	75 274	58 950	14 313	956	4 152	9 205	1 649	362	7 484	21 557	37 015	7 078
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	16 760	9 058	7 034	242	1 540	5 252	593	75	1 123	4 037	8 958	2 259
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	4 379	3 410	746	125	282	339	161	62	150	668	2 512	971
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	182	-	182	19	35	128	-	-	6	65	70	41
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	295	184	100	9	40	51	6	5	23	27	131	114
MANAGERS, MEDICINE AND HEALTH	192	137	55	-	45	10	-	-	-	14	110	68
OTHER SPECIFIED MANAGERS	562	504	31	-	22	9	23	4	28	65	333	131
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	1 694	1 500	194	25	67	102	-	-	51	320	979	314
MANUFACTURING	247	247	-	-	-	-	-	-	-	26	191	30
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	85	85	-	-	-	-	-	-	-	7	62	16
WHOLESALE AND RETAIL TRADE	457	452	5	-	-	5	-	-	12	104	197	138
ALL OTHER INDUSTRIES	905	716	189	25	67	97	-	-	39	183	529	130
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	168	-	-	-	-	-	127	41	5	27	61	61
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING	33	-	-	-	-	-	14	19	-	6	13	14
WHOLESALE AND RETAIL TRADE	68	-	-	-	-	-	58	10	5	-	13	36
ALL OTHER INDUSTRIES	67	-	-	-	-	-	55	12	-	21	35	11
MANAGEMENT RELATED OCCUPATIONS	1 286	1 085	184	72	73	39	5	12	37	150	828	242
ACCOUNTANTS AND AUDITORS	398	340	48	15	-	33	5	5	6	61	254	69
BUYERS AND PURCHASING AGENTS	*167*	*167*	-	-	-	-	-	-	*6*	*12*	*101*	*48*
PROFESSIONAL SPECIALTY OCCUPATIONS	12 381	5 648	6 288	117	1 258	4 913	432	13	973	3 369	6 446	1 288
ENGINEERS, ARCHITECTS, AND SURVEYORS	105	90	10	4	6	-	5	-	-	5	83	17
ARCHITECTS	5	5	-	-	-	-	-	-	-	-	5	-
ENGINEERS	100	85	10	4	6	-	5	-	-	5	78	17
ELECTRICAL AND ELECTRONIC ENGINEERS	19	19	-	-	-	-	-	-	-	-	19	-
MECHANICAL ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER ENGINEERS	81	66	10	4	6	-	5	-	-	5	59	17
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	218	196	15	-	12	3	7	-	-	17	152	43
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	120	104	9	-	6	3	7	-	-	7	84	29
NATURAL SCIENTISTS	59	24	35	7	16	12	-	-	-	17	39	3
HEALTH DIAGNOSING OCCUPATIONS	152	53	45	-	24	21	54	-	-	21	55	67
PHYSICIANS	120	42	45	-	24	21	33	-	-	7	42	62
DENTISTS	8	-	-	-	-	-	8	-	-	8	-	-
OTHER HEALTH DIAGNOSING PRACTITIONERS	24	11	-	-	-	-	13	-	-	6	13	5
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	4 353	3 090	1 194	24	592	578	69	-	240	1 407	2 225	378
REGISTERED NURSES	3 778	2 734	987	12	524	451	57	-	202	1 300	1 891	301
PHARMACISTS	*67*	*67*	-	-	-	-	-	-	-	11	37	7
THERAPISTS	391	241	143	12	43	88	7	-	21	90	210	63
TEACHERS, LIBRARIANS, AND COUNSELORS	5 798	1 176	4 488	52	248	4 188	128	6	597	1 593	2 971	491
TEACHERS, POSTSECONDARY	321	205	116	-	89	27	-	-	85	42	94	80
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	3 312	539	2 754	35	93	2 626	19	-	313	1 083	1 607	223
TEACHERS, SECONDARY	1 256	128	1 128	7	8	1 113	-	-	64	288	755	137
SOCIAL SCIENTISTS AND URBAN PLANNERS	186	104	52	7	27	18	30	-	12	32	110	19
SOCIAL AND RECREATION WORKERS	791	388	397	16	305	76	6	-	33	108	532	99
RELIGIOUS WORKERS	49	36	-	-	-	-	13	-	12	-	7	30
LAWYERS AND JUDGES	67	25	27	7	8	12	15	-	-	14	31	18
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	603	466	25	-	20	5	105	7	79	155	241	123
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	33 571	28 214	4 617	571	1 752	2 294	552	188	3 213	9 408	17 446	2 650
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	2 924	2 316	597	45	346	206	11	-	167	796	1 563	276
HEALTH TECHNOLOGISTS AND TECHNICIANS	1 993	1 486	501	24	297	180	6	-	58	678	1 004	151
LICENSED PRACTICAL NURSES	1 035	791	238	-	137	101	6	-	30	418	425	91
ENGINEERING AND SCIENCE TECHNICIANS	386	367	19	6	13	-	-	-	52	36	214	64
ELECTRICAL AND ELECTRONIC TECHNICIANS	112	112	-	-	-	-	-	-	-	24	55	33
DRAFTING AND SURVEYING TECHNICIANS	*60*	*60*	-	-	-	-	-	-	13	-	27	14
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	545	463	77	15	36	26	5	-	57	82	345	61
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	192	192	-	-	-	-	-	-	14	15	139	24
SALES OCCUPATIONS	7 450	6 928	82	21	22	39	378	62	1 383	3 338	1 987	560
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	538	427	-	-	-	-	105	6	8	79	273	172
SELF-EMPLOYED	111	-	-	-	-	-	105	6	8	7	31	59
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	880	779	-	-	-	-	95	6	78	132	489	169
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	300	273	14	14	-	-	8	5	15	102	146	32
SALES WORKERS, RETAIL AND PERSONAL SERVICES	5 708	5 425	68	7	22	39	170	45	1 268	3 020	1 074	187
CASHIERS	2 282	2 198	61	-	22	39	6	17	530	1 335	285	55
SALES RELATED OCCUPATIONS	24	24	-	-	-	-	-	-	14	5	5	-

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

WORCESTER, MA SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	23 197	18 970	3 938	505	1 384	2 049	163	126	1 663	5 274	13 896	1 814
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	1 029	879	145	8	89	48	5	-	6	93	783	118
COMPUTER EQUIPMENT OPERATORS	544	469	75	13	25	37	-	-	37	127	318	56
SECRETARIES, STENOGRAPHERS, AND TYPISTS	7 586	5 919	1 600	107	569	924	30	37	498	1 676	4 780	469
SECRETARIES	6 241	5 067	1 115	78	400	637	22	37	367	1 380	3 960	408
RECEPTIONISTS	718	596	110	6	53	51	6	6	123	244	294	31
FILE CLERKS	288	253	35	4	9	22	-	-	30	80	161	10
FINANCIAL RECORDS PROCESSING OCCUPATIONS	3 610	3 249	240	21	98	121	62	59	214	876	2 090	347
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	2 680	2 378	193	21	87	85	50	59	190	721	1 487	223
TELEPHONE OPERATORS	512	448	64	-	44	20	-	-	60	104	309	26
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	258	143	115	103	9	3	-	-	31	57	167	-
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	611	559	52	8	26	18	-	-	29	97	367	87
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	124	117	-	-	-	-	7	-	-	6	111	7
BANK TELLERS	768	735	33	15	-	18	-	-	10	229	430	80
DATA-ENTRY KEYERS	629	542	81	28	34	19	6	-	27	136	401	60
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	6 520	5 061	1 388	192	428	768	47	24	598	1 549	3 685	523
SERVICE OCCUPATIONS	13 197	10 502	2 335	106	748	1 481	305	55	2 609	5 503	3 988	672
PRIVATE HOUSEHOLD OCCUPATIONS	538	538	-	-	-	-	-	-	181	204	94	40
PROTECTIVE SERVICE OCCUPATIONS	397	111	286	5	59	222	-	-	128	132	98	15
FIREFIGHTING OCCUPATIONS	7	-	7	-	-	7	-	-	-	-	7	-
POLICE AND DETECTIVES, PUBLIC SERVICE	28	-	28	5	6	17	-	-	-	-	18	6
GUARDS	327	111	216	-	45	171	-	-	117	127	54	9
OTHER PROTECTIVE SERVICE OCCUPATIONS	35	-	35	-	8	27	-	-	11	5	19	-
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	12 262	9 853	2 049	101	689	1 259	305	55	2 300	5 167	3 796	617
FOOD PREPARATION AND SERVICE OCCUPATIONS	5 377	4 641	679	2	75	602	30	27	1 315	2 654	1 002	252
WAITERS AND FOOD COUNTER WORKERS	2 700	2 665	9	-	-	9	5	21	689	1 469	404	90
COOKS	816	626	163	-	23	140	21	6	109	381	262	52
HEALTH SERVICE OCCUPATIONS	3 576	2 933	633	23	376	234	7	3	303	1 188	1 786	174
NURSING AIDES, ORDERLIES, AND ATTENDANTS	2 795	2 274	511	11	321	179	7	3	202	972	1 400	139
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	1 109	827	277	33	125	119	5	-	183	369	500	21
PERSONAL SERVICE OCCUPATIONS	2 200	1 452	460	43	113	304	263	25	499	956	508	170
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	771	548	11	-	11	-	187	25	131	333	234	51
FARMING, FORESTRY, AND FISHING OCCUPATIONS	326	221	13	-	7	6	59	33	71	92	72	91
FARM OPERATORS AND MANAGERS	64	22	-	-	-	-	42	-	7	28	8	21
FARM OCCUPATIONS, EXCEPT MANAGERIAL	164	121	6	-	-	6	4	33	36	44	35	49
RELATED AGRICULTURAL OCCUPATIONS	91	78	-	-	-	-	13	-	28	20	29	14
FORESTRY AND FISHING OCCUPATIONS	7	-	7	-	7	-	-	-	-	-	-	7
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	1 647	1 499	84	6	14	64	64	-	76	360	874	296
MECHANICS AND REPAIRERS	173	173	-	-	-	-	-	-	6	24	84	54
AUTOMOBILE MECHANICS, INCLUDING BODY	-	-	-	-	-	-	-	-	-	-	-	-
AIRCRAFT MECHANICS	5	5	-	-	-	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	5	5	-	-	-	-	-	-	-	-	5	-
OTHER MECHANICS AND REPAIRERS	163	163	-	-	-	-	-	-	6	24	79	54
CONSTRUCTION TRADES	50	26	24	-	8	16	-	-	6	28	16	-
CARPENTERS	30	6	24	-	8	16	-	-	6	16	8	-
ELECTRICIANS	-	-	-	-	-	-	-	-	-	-	-	-
PAINTERS, CONSTRUCTION AND MAINTENANCE	6	6	-	-	-	-	-	-	-	6	-	-
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER CONSTRUCTION TRADES	14	14	-	-	-	-	-	-	-	6	8	-
EXTRACTIVE OCCUPATIONS	6	6	-	-	-	-	-	-	-	-	-	6
PRECISION PRODUCTION OCCUPATIONS	1 418	1 294	60	6	6	48	64	-	64	308	774	236
SUPERVISORS, PRODUCTION OCCUPATIONS	580	574	6	6	-	-	-	-	21	93	318	143
MANUFACTURING	406	406	-	-	-	-	-	-	6	44	225	126
PRECISION METALWORKING OCCUPATIONS	139	134	-	-	-	-	5	-	12	14	83	19
TOOL AND DIE MAKERS	3	3	-	-	-	-	-	-	-	-	-	3
MACHINISTS	88	88	-	-	-	-	-	-	-	14	51	12
SHEET METAL WORKERS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER PRECISION METAL WORKERS	48	43	-	-	-	-	5	-	12	-	32	4
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	202	147	6	-	6	-	49	-	20	65	87	16
PLANT AND SYSTEM OPERATORS	30	18	12	-	-	12	-	-	-	-	30	-
OTHER PRECISION PRODUCTION OCCUPATIONS	467	421	36	-	-	36	10	-	11	136	256	58

TABLE 220. OCCUPATION OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

[DATA ARE ESTIMATES BASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF TERMS, SEE APPENDIXES A AND B]

WORCESTER, MA SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	9 773	9 456	230	31	91	108	76	11	392	2 157	5 677	1 110
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	7 848	7 628	178	26	72	80	42	-	196	1 390	4 937	982
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	5 327	5 132	153	20	67	66	42	-	166	989	3 272	665
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	362	362	-	-	-	-	-	-	-	43	272	47
PRINTING MACHINE OPERATORS	213	194	12	-	-	12	7	-	20	34	129	24
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	2 353	2 247	92	-	52	40	14	-	78	528	1 414	240
TEXTILE MACHINE OPERATORS	713	706	7	-	-	7	-	-	6	133	448	115
TEXTILE SEWING MACHINE OPERATORS	901	870	17	-	10	7	14	-	19	253	526	66
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	247	186	61	-	42	19	-	-	23	43	158	16
OTHER SPECIFIED MACHINE OPERATORS	812	796	9	9	-	-	7	-	18	132	442	172
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	1 587	1 533	40	11	15	14	14	-	50	252	1 015	182
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	458	427	23	-	15	8	8	-	12	75	302	58
MACHINE OPERATORS, NOT SPECIFIED	1 129	1 106	17	11	-	6	6	-	38	177	713	124
INDUSTRY:												
MANUFACTURING	1 433	1 408	25	11	-	14	-	-	50	210	911	182
NONDURABLE GOODS	619	611	8	-	-	8	-	-	18	87	412	88
FOOD AND KINDRED PRODUCTS	-	-	-	-	-	-	-	-	-	-	-	-
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	96	96	-	-	-	-	-	-	-	6	72	13
PAPER AND ALLIED PRODUCTS	115	115	-	-	-	-	-	-	-	48	50	17
OTHER NONDURABLE GOODS	408	400	8	-	-	8	-	-	18	33	290	58
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	814	797	17	11	-	6	-	-	32	123	499	94
METAL INDUSTRIES	275	275	-	-	-	-	-	-	14	41	152	36
MACHINERY, INCLUDING ELECTRICAL	306	301	5	5	-	-	-	-	18	45	191	52
TRANSPORTATION EQUIPMENT	15	15	-	-	-	-	-	-	-	-	15	-
OTHER DURABLE GOODS	218	206	12	6	-	6	-	-	-	37	141	6
NONMANUFACTURING INDUSTRIES	154	125	15	-	15	-	14	-	-	42	104	-
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	6	6	-	-	-	-	-	-	-	-	6	-
WHOLESALE AND RETAIL TRADE	86	78	-	-	-	-	8	-	-	28	50	-
ALL OTHER INDUSTRIES	62	41	15	-	15	-	6	-	-	14	48	-
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	1 424	1 411	13	6	-	7	-	-	30	304	880	147
WELDERS AND CUTTERS	43	37	6	6	-	-	-	-	-	5	26	6
ASSEMBLERS	1 276	1 269	7	-	-	7	-	-	28	280	786	125
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	105	105	-	-	-	-	-	-	2	19	68	16
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 097	1 085	12	-	5	7	-	-	-	97	785	170
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	570	517	33	5	5	23	14	6	57	302	165	30
MOTOR VEHICLE OPERATORS	456	408	28	-	5	23	14	6	52	286	92	13
TRUCK DRIVERS AND DRIVER-SALES WORKERS	60	53	-	-	-	-	7	-	11	33	4	4
BUS DRIVERS	365	335	23	-	-	23	7	-	34	243	74	9
RAIL AND WATER TRANSPORTATION OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	114	109	5	5	-	-	-	-	5	16	73	17
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	3	3	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	1 355	1 311	19	-	14	5	20	5	139	465	575	98
CONSTRUCTION LABORERS	5	5	-	-	-	-	-	-	-	5	-	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	333	333	-	-	-	-	-	-	78	161	68	13
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	34	34	-	-	-	-	-	-	-	34	-	-
HAND PACKERS AND PACKAGERS	630	620	-	-	-	-	10	-	20	194	335	54
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	41	30	6	-	6	-	5	-	6	12	11	5
LABORERS, EXCEPT CONSTRUCTION	312	289	13	-	8	5	5	5	35	59	161	26
MANUFACTURING	141	141	-	-	-	-	-	-	11	21	86	11
NONDURABLE GOODS	70	70	-	-	-	-	-	-	6	21	37	6
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	71	71	-	-	-	-	-	-	5	-	49	5
METAL INDUSTRIES	43	43	-	-	-	-	-	-	5	-	28	5
NONMANUFACTURING INDUSTRIES	171	148	13	-	8	5	5	5	24	38	75	15
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	11	11	-	-	-	-	-	-	-	-	4	-
WHOLESALE AND RETAIL TRADE	86	81	-	-	-	-	-	5	19	16	36	9
ALL OTHER INDUSTRIES	74	56	13	-	8	5	5	-	5	22	35	6