TABLE 221. OCCUPATION OF EMPLOYED PERSONS BY AGE, 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	TOTAL, 16 YEARS AND OVER	16 AND 17 YEARS	18 AND 19 YEARS	20 TO 24 YEARS	25 TO 29 YEARS	30 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 59 YEARS	60 TO 64 YEARS	65 YEARS AND OVER	MEDIAN AGE
TOTAL												
EMPLOYED MALES 16 YEARS AND OVER	1 473 622	41 369	61 815	194 083	202 337	196 719	276 204	244 672	122 152	82 781	51 490	36.3
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	414 518	763	2 266	29 339	58 394	72 423	100 357	80 595	34 153	21 479	14 749	38.9
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	205 364	199	942	13 364	24 382	32 201	51 305	44 118	19 146	12 511	7 196	40.7
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	7 403	-	33	196	640	1 042	1 381	1 894	961	735	521	47.3
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	7 872	7	30	219	652	987	2 224	2 458	671	447	177	44.2
MANAGERS, MEDICINE AND HEALTH	2 257	-	8	101	294	449	568	481	166	103	87	39.5
OTHER SPECIFIED MANAGERS	37 112	20	76	1 666	4 249	6 748	10 406	7 866	3 174	1 974	933	39.9
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	93 062	139	650	5 917	9 862	13 256	24 608	21 131	9 093	5 565	2 841	41.5
MANUFACTURING	31 178	-	16	715	2 176	4 178	9 658	8 360	3 350	1 843	882	43.8
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	6 517	-	11	230	629	897	1 650	1 685	901	384	130	43.9
WHOLESALE AND RETAIL TRADE	23 031	70	365	2 590	3 250	3 212	4 862	4 311	2 110	1 419	842	38.7
ALL OTHER INDUSTRIES	32 336	69	258	2 382	3 807	4 969	8 438	6 775	2 732	1 919	987	39.9
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	7 651	-	32	335	722	1 005	1 865	1 759	832	566	535	44.2
CONSTRUCTION	1 327	-	16	60	117	263	294	302	152	77	46	41.9
MANUFACTURING	1 116	-	-	52	152	98	276	250	126	73	89	44.3
WHOLESALE AND RETAIL TRADE	2 858	-	11	142	234	408	757	649	260	195	202	43.2
ALL OTHER INDUSTRIES	2 350	-	5	81	219	236	538	558	294	221	198	46.8
MANAGEMENT RELATED OCCUPATIONS	50 007	33	113	4 930	7 963	8 714	10 253	8 529	4 249	3 121	2 102	37.7
ACCOUNTANTS AND AUDITORS	20 799	7	36	3 121	4 058	3 708	3 748	2 887	1 350	1 104	780	34.3
BUYERS AND PURCHASING AGENTS	7 689	14	34	658	1 270	1 190	1 572	1 390	715	541	305	39.2
PROFESSIONAL SPECIALTY OCCUPATIONS	209 154	564	1 324	15 975	34 012	40 222	49 052	36 477	15 007	8 968	7 553	37.2
ENGINEERS, ARCHITECTS, AND SURVEYORS	53 426	36	178	4 583	7 948	8 411	11 933	11 688	5 095	2 553	1 001	39.3
ARCHITECTS	3 230	-	5	205	483	676	887	604	187	88	95	37.4
ENGINEERS	49 673	23	173	4 306	7 372	7 642	10 976	10 950	4 893	2 440	898	39.5
ELECTRICAL AND ELECTRONIC ENGINEERS	13 947	5	78	1 333	2 045	2 183	3 087	3 358	1 202	562	94	39.0
MECHANICAL ENGINEERS	7 852	-	29	614	1 189	1 203	1 687	1 612	875	526	117	39.9
OTHER ENGINEERS	27 874	18	66	2 359	4 138	4 256	6 202	5 980	2 816	1 352	687	39.6
SURVEYORS AND MAPPING SCIENTISTS	523	13	-	72	93	93	70	134	15	25	8	34.5
MATHEMATICAL AND COMPUTER SCIENTISTS	9 756	-	55	876	2 128	2 253	2 730	1 216	314	131	53	34.0
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	6 826	-	49	683	1 581	1 680	1 909	751	120	38	15	33.3
NATURAL SCIENTISTS	7 075	16	47	650	1 329	1 229	1 810	1 075	512	296	111	36.3
HEALTH DIAGNOSING OCCUPATIONS	18 107	-	-	102	2 047	3 693	4 434	3 324	1 669	1 206	1 632	41.8
PHYSICIANS	12 572	-	-	81	1 573	2 684	3 099	2 293	940	787	1 115	41.0
DENTISTS	3 670	-	-	7	299	681	985	627	494	266	311	43.2
OTHER HEALTH DIAGNOSING PRACTITIONERS	1 865	-	-	14	175	328	350	404	235	153	206	48.2
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	6 998	9	54	934	1 633	1 391	1 009	908	445	271	344	33.1
REGISTERED NURSES	1 501	-	6	205	417	336	284	154	52	23	24	31.8
PHARMACISTS	3 363	-	20	383	608	496	490	594	285	219	268	38.7
THERAPISTS	1 671	-	22	289	499	457	170	106	68	23	37	30.3
TEACHERS, LIBRARIANS, AND COUNSELORS	58 353	178	387	4 354	9 058	12 322	15 302	10 096	3 487	1 967	1 202	36.6
TEACHERS, POSTSECONDARY	15 746	5	114	1 351	1 850	2 333	4 343	3 273	1 273	814	390	39.6
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	19 002	51	45	1 084	3 190	4 668	5 110	3 185	972	491	206	35.8
TEACHERS, SECONDARY	13 838	20	6	659	2 166	3 533	3 872	2 389	673	325	195	36.1
SOCIAL SCIENTISTS AND URBAN PLANNERS	5 658	-	12	371	1 182	1 486	1 501	664	230	152	60	34.3
SOCIAL AND RECREATION WORKERS	6 529	107	122	683	1 614	1 540	1 125	667	298	219	154	32.4
RELIGIOUS WORKERS	4 798	20	7	83	394	612	1 009	1 295	417	454	507	47.1
LAWYERS AND JUDGES	14 492	-	9	269	2 245	3 052	3 559	2 337	977	731	1 313	38.8
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	23 962	198	453	3 070	4 434	4 233	4 640	3 207	1 563	988	1 176	34.5
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	300 822	7 210	13 371	45 838	45 111	38 673	50 619	46 908	24 221	16 770	12 101	35.0
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	54 018	282	1 752	10 688	10 760	8 777	9 580	7 205	2 741	1 441	792	32.0
HEALTH TECHNOLOGISTS AND TECHNICIANS	5 158	41	123	1 195	1 455	992	680	356	158	85	73	29.2
LICENSED PRACTICAL NURSES	541	7	-	55	100	119	87	115	22	21	15	34.6
ENGINEERING AND SCIENCE TECHNICIANS	28 792	163	1 132	5 644	4 848	4 016	5 058	4 559	1 897	1 058	417	33.2
ELECTRICAL AND ELECTRONIC TECHNICIANS	9 439	23	303	2 152	1 954	1 448	1 606	1 254	384	276	39	31.0
DRAFTING AND SURVEYING TECHNICIANS	9 300	84	495	1 811	1 307	1 273	1 635	1 539	748	273	135	33.7
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	20 068	78	497	3 849	4 457	3 769	3 842	2 290	686	298	302	31.5
AIRPLANE PILOTS AND NAVIGATORS	818	6	-	36	85	83	327	224	49	-	8	40.2
COMPUTER PROGRAMMERS	8 162	46	210	1 877	2 256	1 780	1 303	516	112	32	30	29.3
SALES OCCUPATIONS	126 690	4 265	4 909	14 629	16 465	15 568	23 917	21 093	10 713	7 874	7 257	37.8
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	29 085	133	282	2 929	4 538	4 127	6 479	4 942	2 451	1 834	1 370	38.4
SELF-EMPLOYED	6 333	5	25	201	591	851	1 285	1 381	787	581	626	46.8
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	27 129	48	132	1 940	3 132	3 995	6 088	5 785	2 682	1 646	1 681	41.7
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	28 836	72	200	2 122	4 021	3 826	6 393	5 758	2 940	1 951	1 553	41.1
SALES WORKERS, RETAIL AND PERSONAL SERVICES	41 364	4 006	4 295	7 609	4 725	3 576	4 870	4 565	2 635	2 436	2 647	30.1
CASHIERS	7 298	1 283	1 576	1 770	617	282	387	384	305	328	366	21.5
SALES RELATED OCCUPATIONS	276	6	-	29	49	44	87	43	5	7	6	35.9

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MASSACHUSETTS	TOTAL, 16 YEARS AND OVER	16 AND 17 YEARS	18 AND 19 YEARS	20 TO 24 YEARS	25 TO 29 YEARS	30 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 59 YEARS	60 TO 64 YEARS	65 YEARS AND OVER	MEDIAN AGE
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	120 114	2 663	6 710	20 521	17 886	14 328	17 122	18 610	10 767	7 455	4 052	34.3
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	17 745	23	115	1 326	2 437	3 028	3 892	3 672	1 859	1 073	320	39.7
COMPUTER EQUIPMENT OPERATORS	5 497	61	382	1 523	1 261	929	700	453	129	31	28	28.1
SECRETARIES, STENOGRAPHERS, AND TYPISTS	1 812	62	202	342	298	181	234	176	152	94	71	30.1
SECRETARIES	1 072	28	72	200	170	110	192	86	83	68	63	33.0
RECEPTIONISTS	732	77	191	177	34	54	37	51	26	38	47	21.4
FILE CLERKS	1 637	75	211	414	208	198	124	177	99	90	41	27.8
FINANCIAL RECORDS PROCESSING OCCUPATIONS	6 406	84	219	1 219	801	664	980	819	548	486	586	37.0
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	4 496	52	150	912	573	453	667	551	341	333	464	36.6
TELEPHONE OPERATORS	716	26	44	252	145	56	103	26	44	11	9	26.2
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	18 610	347	720	1 490	1 807	2 186	2 549	4 515	2 705	1 635	656	45.5
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	26 844	1 012	2 454	6 104	4 150	2 118	3 133	3 556	2 130	1 580	607	29.6
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	2 254	-	18	281	449	335	384	422	181	128	56	36.1
BANK TELLERS	1 666	30	106	673	374	124	93	107	60	56	43	25.3
DATA-ENTRY KEYERS	777	18	79	134	131	89	77	123	58	41	27	31.5
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	35 418	848	1 969	6 586	5 791	4 366	4 816	4 513	2 776	2 192	1 561	32.9
SERVICE OCCUPATIONS	164 339	15 762	13 117	24 986	17 620	15 457	22 129	22 855	12 898	10 594	8 921	33.5
PRIVATE HOUSEHOLD OCCUPATIONS	643	135	14	85	52	28	42	127	37	49	74	36.3
PROTECTIVE SERVICE OCCUPATIONS	47 444	255	1 195	4 575	6 019	7 589	10 097	8 684	4 011	2 683	2 336	38.5
FIREFIGHTING OCCUPATIONS	11 272	-	5	433	1 523	2 349	3 119	2 559	888	358	38	38.6
POLICE AND DETECTIVES, PUBLIC SERVICE	12 892	6	16	575	1 845	2 921	3 651	2 452	987	367	72	37.5
GUARDS	16 215	242	1 114	3 131	1 966	1 261	1 628	1 843	1 421	1 493	2 116	37.3
OTHER PROTECTIVE SERVICE OCCUPATIONS	7 065	7	60	436	685	1 058	1 699	1 830	715	465	110	42.3
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	116 252	15 372	11 908	20 326	11 549	7 840	11 990	14 044	8 850	7 862	6 511	29.6
FOOD PREPARATION AND SERVICE OCCUPATIONS	46 922	10 240	7 192	9 962	4 806	3 106	3 818	3 383	1 687	1 381	1 347	22.6
WAITERS AND FOOD COUNTER WORKERS	5 956	1 066	899	1 633	948	411	387	294	114	97	107	23.1
COOKS	16 006	3 031	2 505	3 349	1 636	976	1 517	1 391	730	534	337	23.4
HEALTH SERVICE OCCUPATIONS	7 291	389	515	1 957	1 474	738	740	731	393	214	140	27.7
NURSING AIDES, ORDERLIES, AND ATTENDANTS	5 780	141	336	1 592	1 236	587	664	597	315	188	124	28.3
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	52 161	4 110	3 630	6 802	3 988	2 959	5 721	8 847	6 129	5 733	4 242	43.1
PERSONAL SERVICE OCCUPATIONS	9 878	633	571	1 605	1 281	1 037	1 711	1 083	641	534	782	34.1
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	4 821	8	47	437	442	569	1 376	731	375	324	512	40.8
FARMING, FORESTRY, AND FISHING OCCUPATIONS	19 461	1 064	1 393	3 283	2 581	1 982	2 758	2 629	1 384	1 202	1 185	33.6
FARM OPERATORS AND MANAGERS	3 382	-	90	278	360	288	606	598	356	381	425	46.1
FARM OCCUPATIONS, EXCEPT MANAGERIAL	3 095	385	373	699	372	311	254	219	152	178	152	26.2
RELATED AGRICULTURAL OCCUPATIONS	8 726	569	770	1 687	1 187	707	1 060	1 141	596	514	495	31.1
FORESTRY AND FISHING OCCUPATIONS	4 258	110	160	619	662	676	838	671	280	129	113	34.3
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	277 452	2 607	8 972	36 717	38 818	37 026	54 546	49 814	25 665	16 489	6 798	37.5
MECHANICS AND REPAIRERS	84 970	1 039	3 104	12 894	13 309	12 142	16 518	13 492	6 598	4 246	1 628	35.0
AUTOMOBILE MECHANICS, INCLUDING BODY	26 640	551	1 562	5 758	4 919	3 565	4 429	3 225	1 364	873	394	30.7
AIRCRAFT MECHANICS	1 509	-	16	146	205	275	321	380	86	71	9	38.5
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	4 302	28	79	580	768	614	948	713	341	159	72	35.8
OTHER MECHANICS AND REPAIRERS	52 519	460	1 447	6 410	7 417	7 688	10 820	9 174	4 807	3 143	1 153	37.3
CONSTRUCTION TRADES	88 468	691	2 889	11 222	13 156	12 601	17 718	16 391	7 397	4 555	1 848	37.0
CARPENTERS	26 450	321	1 087	4 052	4 524	3 547	4 768	4 233	2 068	1 235	615	34.6
ELECTRICIANS	12 697	57	372	1 733	2 146	1 772	2 749	2 185	986	522	175	35.9
PAINTERS, CONSTRUCTION AND MAINTENANCE	7 993	124	300	1 344	1 175	985	1 349	1 120	734	559	303	35.5
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	10 700	57	368	1 417	1 291	1 499	2 061	2 112	1 010	687	198	38.4
OTHER CONSTRUCTION TRADES	30 628	132	762	2 676	4 020	4 798	6 791	6 741	2 599	1 552	557	39.0
EXTRACTIVE OCCUPATIONS	315	-	6	40	37	33	86	64	23	19	7	39.0
PRECISION PRODUCTION OCCUPATIONS	103 699	877	2 973	12 561	12 316	12 250	20 224	19 867	11 647	7 669	3 315	40.1
SUPERVISORS, PRODUCTION OCCUPATIONS	42 706	69	412	3 342	4 468	5 594	9 896	9 924	4 970	3 080	951	42.5
MANUFACTURING	32 608	24	230	2 420	3 408	4 402	7 639	7 661	3 814	2 373	637	42.6
PRECISION METALWORKING OCCUPATIONS	33 021	352	1 440	5 472	4 385	3 714	5 694	5 059	3 561	2 439	905	36.7
TOOL AND DIE MAKERS	5 306	21	105	597	500	489	959	1 027	907	549	152	44.8
MACHINISTS	20 948	247	1 109	3 972	3 030	2 373	3 531	2 947	1 836	1 380	523	34.5
SHEET METAL WORKERS	3 392	45	137	535	418	478	663	501	335	242	38	36.0
OTHER PRECISION METAL WORKERS	3 375	39	89	368	437	374	541	584	483	268	192	41.6
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	3 564	53	61	272	338	233	652	702	424	355	474	47.3
PLANT AND SYSTEM OPERATORS	4 673	24	38	332	423	568	804	983	819	528	154	46.7
OTHER PRECISION PRODUCTION OCCUPATIONS	19 735	379	1 022	3 143	2 702	2 141	3 178	3 199	1 873	1 267	831	36.4

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TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	297 030	13 963	22 696	53 920	39 813	31 158	45 795	41 871	23 831	16 247	7 736	32.9
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	148 128	2 539	9 253	26 918	21 473	16 014	23 271	22 119	13 275	9 613	3 653	34.3
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	104 963	1 618	5 918	18 156	15 013	11 289	17 201	16 506	9 644	6 882	2 736	35.3
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	16 107	193	699	2 648	2 195	1 611	2 583	2 418	1 944	1 416	400	37.6
PRINTING MACHINE OPERATORS	11 318	173	660	1 828	1 326	1 086	2 271	2 183	918	545	328	37.4
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	10 847	341	566	1 606	1 328	1 202	1 685	1 752	910	947	510	37.2
TEXTILE MACHINE OPERATORS	4 394	49	223	804	535	488	599	676	452	417	151	36.5
TEXTILE SEWING MACHINE OPERATORS	799	29	37	77	69	105	150	158	77	42	55	41.3
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	2 166	144	179	348	280	226	355	277	114	112	131	32.9
OTHER SPECIFIED MACHINE OPERATORS	29 060	359	1 648	5 175	4 535	3 175	4 526	4 493	2 546	1 839	764	34.4
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	37 631	552	2 345	6 899	5 629	4 215	6 136	5 660	3 326	2 135	734	34.0
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	11 215	175	538	1 999	1 695	1 282	1 875	1 721	1 111	643	176	34.7
MACHINE OPERATORS, NOT SPECIFIED	26 416	377	1 807	4 900	3 934	2 933	4 261	3 939	2 215	1 492	558	33.7
INDUSTRY:												
MANUFACTURING	34 499	502	2 140	6 366	5 114	3 910	5 619	5 161	3 063	1 973	651	34.0
NONDURABLE GOODS	13 432	216	705	2 340	2 068	1 659	2 077	2 161	1 251	723	232	34.2
FOOD AND KINDRED PRODUCTS	1 221	13	22	191	199	177	231	159	121	89	19	35.3
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	1 574	55	93	238	294	201	228	189	138	104	34	32.7
PAPER AND ALLIED PRODUCTS	4 104	9	140	614	671	537	703	738	418	214	60	36.1
OTHER NONDURABLE GOODS	6 533	139	450	1 297	904	744	915	1 075	574	316	119	33.2
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	21 067	286	1 435	4 026	3 046	2 251	3 542	3 000	1 812	1 250	419	33.9
METAL INDUSTRIES	6 489	71	449	1 331	819	657	1 122	1 064	592	283	101	34.4
MACHINERY, INCLUDING ELECTRICAL	7 162	109	552	1 363	1 080	628	1 063	999	623	567	178	33.8
TRANSPORTATION EQUIPMENT	1 392	-	95	265	201	184	280	146	144	60	17	33.7
OTHER DURABLE GOODS	6 024	106	339	1 067	946	782	1 077	791	453	340	123	33.5
NONMANUFACTURING INDUSTRIES	3 132	50	205	533	515	305	517	499	263	162	83	34.3
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	759	-	27	79	162	70	141	163	94	17	6	38.3
WHOLESALE AND RETAIL TRADE	972	16	76	176	148	76	142	128	78	77	55	34.6
ALL OTHER INDUSTRIES	1 401	34	102	278	205	159	234	208	91	68	22	32.6
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	30 848	776	2 737	6 493	4 694	3 475	4 481	3 612	2 252	1 699	629	31.0
WELDERS AND CUTTERS	9 255	43	548	1 620	1 608	1 283	1 667	1 142	747	449	148	33.2
ASSEMBLERS	19 446	595	1 979	4 535	2 789	1 969	2 582	2 192	1 345	1 102	358	29.7
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	2 147	138	210	338	297	223	232	278	160	148	123	32.0
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	12 317	145	598	2 269	1 766	1 250	1 589	2 001	1 379	1 032	288	35.7
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	77 572	958	2 890	11 673	10 755	9 866	15 275	13 068	6 573	4 104	2 410	36.6
MOTOR VEHICLE OPERATORS	58 525	558	1 952	8 691	8 095	7 621	12 000	9 560	4 710	3 153	2 185	36.8
TRUCK DRIVERS AND DRIVER-SALES WORKERS	46 324	460	1 694	7 068	6 623	6 262	9 852	7 801	3 522	2 009	1 033	36.0
BUS DRIVERS	5 706	-	40	541	521	597	1 099	1 004	653	729	522	45.7
RAIL AND WATER TRANSPORTATION OCCUPATIONS	3 006	22	27	284	466	387	456	667	409	251	37	41.4
MATERIAL MOVING EQUIPMENT OPERATORS	16 041	378	911	2 698	2 194	1 858	2 819	2 841	1 454	700	188	35.0
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	1 397	2	17	155	148	192	365	319	102	84	13	40.2
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	71 330	10 466	10 553	15 329	7 585	5 278	7 249	6 684	3 983	2 530	1 673	24.7
CONSTRUCTION LABORERS	9 856	212	625	1 807	1 356	1 133	1 701	1 676	743	458	145	34.1
FREIGHT, STOCK, AND MATERIAL HANDLERS	26 401	6 515	4 680	5 529	2 133	1 475	1 983	1 781	1 011	775	519	21.5
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	5 871	1 375	1 713	1 311	368	150	259	213	211	92	179	19.8
HAND PACKERS AND PACKAGERS	6 022	599	946	1 229	805	463	740	528	412	139	161	26.5
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	6 546	889	997	1 578	702	375	579	657	393	219	157	24.1
LABORERS, EXCEPT CONSTRUCTION	16 634	876	1 592	3 875	2 221	1 682	1 987	1 829	1 213	847	512	29.4
MANUFACTURING	5 999	266	514	1 523	784	480	844	615	515	283	175	29.4
NONDURABLE GOODS	2 790	112	261	723	303	210	383	305	253	156	84	29.9
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	3 209	154	253	800	481	270	461	310	262	127	91	29.1
METAL INDUSTRIES	919	59	64	227	153	107	124	51	82	33	19	28.6
NONMANUFACTURING INDUSTRIES	10 635	610	1 078	2 352	1 437	1 202	1 143	1 214	698	564	337	29.4
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	2 232	78	41	361	334	288	358	373	196	144	59	35.3
WHOLESALE AND RETAIL TRADE	5 438	336	737	1 373	776	591	487	304	262	189	183	26.8
ALL OTHER INDUSTRIES	2 965	196	300	618	327	323	298	337	240	231	95	30.6

TABLE 221. OCCUPATION OF EMPLOYED PERSONS BY AGE, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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MASSACHUSETTS	TOTAL, 16 YEARS AND OVER	16 AND 17 YEARS	18 AND 19 YEARS	20 TO 24 YEARS	25 TO 29 YEARS	30 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 59 YEARS	60 TO 64 YEARS	65 YEARS AND OVER	MEDIAN AGE
TOTAL												
EMPLOYED FEMALES 16 YEARS AND OVER	1 200 653	42 164	65 578	193 296	167 879	142 611	208 074	190 699	92 128	61 796	36 428	34.6
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	285 866	775	2 923	37 052	58 561	50 991	59 363	42 063	16 882	10 453	6 803	34.3
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	86 645	121	1 091	11 847	16 156	14 182	16 427	13 969	6 634	3 931	2 287	35.0
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	3 512	5	27	257	543	462	592	757	419	318	132	42.4
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	6 012	-	34	557	912	1 001	1 406	1 148	483	285	186	38.1
MANAGERS, MEDICINE AND HEALTH	2 500	-	24	155	406	393	593	522	216	121	70	39.3
OTHER SPECIFIED MANAGERS	11 958	7	147	1 493	2 114	2 315	2 397	1 923	846	412	304	34.8
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	34 187	79	580	4 767	5 934	5 356	6 757	5 687	2 559	1 491	977	35.5
MANUFACTURING	5 312	10	26	517	907	864	1 153	1 038	393	255	149	37.5
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	2 082	-	15	133	290	474	500	418	153	67	32	37.7
WHOLESALE AND RETAIL TRADE	7 814	34	281	1 520	1 276	964	1 392	1 086	611	336	314	34.1
ALL OTHER INDUSTRIES	18 979	35	258	2 597	3 461	3 054	3 712	3 145	1 402	833	482	35.2
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	2 104	5	-	115	205	258	617	459	182	125	138	41.9
CONSTRUCTION	36	-	-	-	-	-	31	5	-	-	-	37.9
MANUFACTURING	242	-	-	13	49	46	95	15	1	-	23	36.3
WHOLESALE AND RETAIL TRADE	950	-	-	31	98	91	240	246	124	61	59	45.7
ALL OTHER INDUSTRIES	876	5	-	71	58	121	251	193	57	64	56	41.4
MANAGEMENT RELATED OCCUPATIONS	26 372	25	279	4 503	6 042	4 397	4 065	3 473	1 929	1 179	480	32.7
ACCOUNTANTS AND AUDITORS	9 047	11	55	1 953	2 112	1 226	1 275	1 122	756	374	163	31.6
BUYERS AND PURCHASING AGENTS	3 950	-	48	761	955	584	461	452	346	233	110	31.8
PROFESSIONAL SPECIALTY OCCUPATIONS	199 221	654	1 832	25 205	42 405	36 809	42 936	28 094	10 248	6 522	4 516	34.0
ENGINEERS, ARCHITECTS, AND SURVEYORS	2 333	15	14	548	685	372	324	185	116	42	32	29.3
ARCHITECTS	460	-	-	-	119	132	72	79	19	31	8	34.2
ENGINEERS	1 837	15	14	536	560	234	242	104	97	11	24	28.2
ELECTRICAL AND ELECTRONIC ENGINEERS	469	7	-	140	132	52	56	42	29	11	-	28.3
MECHANICAL ENGINEERS	151	8	-	61	45	-	6	5	19	-	7	25.7
OTHER ENGINEERS	1 217	-	14	335	383	182	180	57	49	-	17	28.4
SURVEYORS AND MAPPING SCIENTISTS	36	-	-	12	6	6	10	2	-	-	-	30.0
MATHEMATICAL AND COMPUTER SCIENTISTS	3 540	-	24	660	1 057	831	532	256	107	66	7	30.2
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	1 851	-	-	377	563	429	319	108	26	22	7	29.9
NATURAL SCIENTISTS	2 168	14	36	285	714	370	373	220	49	55	52	30.5
HEALTH DIAGNOSING OCCUPATIONS	2 915	-	5	169	765	699	687	278	148	92	72	33.7
PHYSICIANS	2 430	-	-	108	652	588	612	250	101	60	59	33.9
DENTISTS	206	-	-	26	58	24	25	13	35	18	7	34.0
OTHER HEALTH DIAGNOSING PRACTITIONERS	279	-	5	35	55	87	50	15	12	14	6	32.6
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	57 127	37	189	8 555	12 775	8 821	11 783	9 024	3 311	1 724	908	34.0
REGISTERED NURSES	48 092	5	45	6 264	9 990	7 704	10 605	8 141	3 034	1 547	757	35.0
PHARMACISTS	846	5	34	318	212	46	81	115	23	6	6	26.6
THERAPISTS	5 912	-	70	1 412	2 145	824	809	435	113	62	42	28.4
TEACHERS, LIBRARIANS, AND COUNSELORS	94 136	359	988	9 672	17 879	18 401	22 442	14 108	4 827	3 261	2 199	34.9
TEACHERS, POSTSECONDARY	9 008	19	245	1 079	1 452	1 738	2 327	1 301	443	286	118	34.9
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	51 773	57	171	4 838	10 042	10 733	12 827	8 044	2 398	1 692	971	35.0
TEACHERS, SECONDARY	15 757	8	27	1 379	3 331	3 326	3 776	2 310	852	486	262	34.7
SOCIAL SCIENTISTS AND URBAN PLANNERS	3 744	-	13	396	981	954	783	381	99	68	69	32.5
SOCIAL AND RECREATION WORKERS	11 994	62	207	1 707	2 649	2 116	2 144	1 522	789	454	344	33.2
RELIGIOUS WORKERS	1 331	12	-	85	140	169	372	217	52	106	178	42.2
LAWYERS AND JUDGES	2 648	9	-	223	816	736	465	126	43	108	122	31.9
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	17 285	146	356	2 905	3 944	3 340	3 031	1 777	707	546	533	31.9
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	541 421	20 596	35 658	98 912	71 868	57 651	87 272	85 215	41 172	27 192	15 885	33.8
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	42 690	129	903	9 505	9 781	6 944	6 955	4 489	1 858	1 444	682	30.7
HEALTH TECHNOLOGISTS AND TECHNICIANS	26 700	7	304	5 244	6 005	4 696	4 878	2 944	1 173	974	475	31.9
LICENSED PRACTICAL NURSES	12 572	-	133	1 456	2 256	2 460	2 571	1 886	793	724	293	35.0
ENGINEERING AND SCIENCE TECHNICIANS	6 422	80	345	1 877	1 259	670	662	705	460	284	80	28.6
ELECTRICAL AND ELECTRONIC TECHNICIANS	1 375	26	33	273	277	157	219	205	105	55	25	32.5
DRAFTING AND SURVEYING TECHNICIANS	1 297	23	114	342	257	118	91	182	80	61	29	28.3
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	9 568	42	254	2 384	2 517	1 578	1 415	840	225	186	127	29.2
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	4 074	15	103	1 078	1 283	754	570	196	49	26	-	28.3
SALES OCCUPATIONS	117 876	12 820	12 264	19 076	11 868	10 305	16 734	16 475	8 092	5 967	4 275	31.4
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	11 078	84	333	2 245	1 715	1 353	1 940	1 514	948	559	387	34.3
SELF-EMPLOYED	2 226	-	-	77	156	263	516	455	321	249	189	47.0
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	15 618	213	283	2 088	2 597	2 194	3 616	2 680	1 020	590	337	36.1
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	4 575	103	215	913	1 026	619	765	536	221	104	73	30.2
SALES WORKERS, RETAIL AND PERSONAL SERVICES	86 320	12 420	11 433	13 800	6 516	6 117	10 344	11 714	5 839	4 671	3 466	29.2
CASHIERS	34 181	6 243	5 769	6 469	2 607	2 312	4 110	3 564	1 531	997	579	23.4
SALES RELATED OCCUPATIONS	285	-	-	30	14	22	69	31	64	43	12	47.3

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TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	380 855	7 647	22 491	70 331	50 219	40 402	63 583	64 251	31 222	19 781	10 928	34.9
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	16 309	14	234	1 857	2 715	2 280	3 039	3 338	1 729	796	307	38.3
COMPUTER EQUIPMENT OPERATORS	7 168	92	553	1 836	1 259	852	1 159	927	293	152	45	29.4
SECRETARIES, STENOGRAPHERS, AND TYPISTS	136 557	1 872	7 358	26 661	18 849	14 944	24 137	22 191	10 363	6 464	3 718	34.5
SECRETARIES	114 385	1 165	5 074	22 562	16 367	12 945	20 806	18 785	8 539	5 111	3 031	34.6
RECEPTIONISTS	11 058	500	962	2 290	1 187	878	1 701	1 696	785	650	409	33.4
FILE CLERKS	7 127	895	1 133	1 354	607	556	741	959	430	314	138	26.5
FINANCIAL RECORDS PROCESSING OCCUPATIONS	55 683	416	1 585	8 188	6 470	6 058	9 776	11 116	5 757	3 849	2 468	40.2
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	43 972	288	1 131	6 064	4 865	4 699	7 827	9 130	4 621	3 155	2 192	41.2
TELEPHONE OPERATORS	8 557	63	484	849	1 018	756	1 211	2 390	921	504	361	44.3
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	4 673	142	507	749	474	405	600	727	534	374	161	36.0
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	8 277	170	592	1 513	1 137	892	1 258	1 270	787	479	179	34.1
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	2 888	4	86	812	762	318	385	276	141	101	3	28.6
BANK TELLERS	12 882	296	1 684	3 919	1 735	1 185	1 727	1 417	552	267	100	26.6
DATA-ENTRY KEYERS	11 449	121	932	2 369	1 788	1 893	2 270	1 292	493	224	67	31.4
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	98 227	3 062	6 381	17 934	12 218	9 385	15 579	16 652	8 437	5 607	2 972	35.1
SERVICE OCCUPATIONS	192 789	16 408	18 098	32 904	19 310	17 208	29 465	28 193	13 164	10 086	7 953	32.8
PRIVATE HOUSEHOLD OCCUPATIONS	9 378	1 168	571	900	643	551	1 039	1 248	684	895	1 679	42.9
PROTECTIVE SERVICE OCCUPATIONS	5 701	123	577	1 056	548	441	1 061	1 110	389	227	169	36.0
FIREFIGHTING OCCUPATIONS	53	-	-	6	13	6	18	5	5	-	-	35.9
POLICE AND DETECTIVES, PUBLIC SERVICE	657	-	6	60	177	110	129	91	46	18	20	33.9
GUARDS	4 501	123	566	906	333	281	846	873	301	165	107	35.5
OTHER PROTECTIVE SERVICE OCCUPATIONS	490	-	5	84	25	44	68	141	37	44	42	46.5
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	177 710	15 117	16 950	30 948	18 119	16 216	27 365	25 835	12 091	8 964	6 105	32.4
FOOD PREPARATION AND SERVICE OCCUPATIONS	77 708	9 672	10 039	13 789	6 992	5 813	10 647	10 552	4 808	3 250	2 146	28.8
WAITERS AND FOOD COUNTER WORKERS	41 943	6 549	5 756	9 375	4 815	3 658	5 237	3 695	1 290	894	674	24.5
COOKS	10 876	724	1 013	1 157	753	699	1 662	2 235	1 177	847	609	41.8
HEALTH SERVICE OCCUPATIONS	49 351	3 403	4 432	10 585	5 506	4 638	7 419	6 819	2 979	2 326	1 244	30.8
NURSING AIDES, ORDERLIES, AND ATTENDANTS	38 031	2 353	3 256	7 516	4 087	3 649	6 203	5 710	2 379	1 864	1 014	32.5
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	16 247	1 211	959	1 686	1 051	1 064	2 534	3 189	1 925	1 568	1 060	43.4
PERSONAL SERVICE OCCUPATIONS	34 404	831	1 520	4 888	4 570	4 701	6 765	5 275	2 379	1 820	1 655	35.9
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	10 861	7	375	1 844	1 645	1 772	2 266	1 256	716	557	423	34.4
FARMING, FORESTRY, AND FISHING OCCUPATIONS	3 899	226	423	832	489	400	461	438	220	200	210	29.8
FARM OPERATORS AND MANAGERS	633	-	26	42	58	82	134	103	71	54	63	42.5
FARM OCCUPATIONS, EXCEPT MANAGERIAL	1 476	117	148	302	150	161	165	197	86	61	89	30.7
RELATED AGRICULTURAL OCCUPATIONS	1 597	101	226	445	240	123	142	128	63	85	44	25.6
FORESTRY AND FISHING OCCUPATIONS	193	8	23	43	41	34	20	10	-	-	14	27.7
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	26 430	444	958	3 842	3 248	2 617	4 489	5 189	2 791	1 907	945	39.7
MECHANICS AND REPAIRERS	2 729	10	98	519	511	348	393	420	236	136	58	33.3
AUTOMOBILE MECHANICS, INCLUDING BODY	216	-	-	67	48	29	24	10	11	1	26	29.3
AIRCRAFT MECHANICS	41	-	10	-	-	-	-	24	7	-	-	51.3
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	13	-	5	-	8	-	-	-	-	-	-	25.9
OTHER MECHANICS AND REPAIRERS	2 459	10	83	452	455	319	369	386	218	135	32	33.6
CONSTRUCTION TRADES	1 180	50	79	277	195	85	147	181	72	51	43	29.7
CARPENTERS	379	40	37	107	78	13	47	44	6	-	7	25.4
ELECTRICIANS	163	-	8	30	36	17	20	18	14	-	20	32.2
PAINTERS, CONSTRUCTION AND MAINTENANCE	241	4	18	58	46	25	25	33	18	5	9	29.4
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	43	-	-	19	5	5	-	7	-	-	7	27.5
OTHER CONSTRUCTION TRADES	354	6	16	63	30	25	55	79	34	46	-	40.3
EXTRACTIVE OCCUPATIONS	13	5	-	-	6	-	-	-	2	-	-	26.3
PRECISION PRODUCTION OCCUPATIONS	22 508	379	781	3 046	2 536	2 184	3 949	4 588	2 481	1 720	844	41.0
SUPERVISORS, PRODUCTION OCCUPATIONS	7 862	50	228	839	946	910	1 431	1 776	981	503	198	41.8
MANUFACTURING	5 944	29	132	540	652	710	1 156	1 397	761	392	175	42.8
PRECISION METALWORKING OCCUPATIONS	2 107	54	72	393	261	235	355	377	145	141	74	36.0
TOOL AND DIE MAKERS	88	-	-	-	-	25	14	3	6	20	20	56.7
MACHINISTS	853	-	25	222	143	83	132	122	64	53	9	32.2
SHEET METAL WORKERS	70	-	-	13	-	19	20	-	18	-	-	35.7
OTHER PRECISION METAL WORKERS	1 096	54	47	158	118	108	189	252	57	68	45	38.6
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	3 035	54	101	199	252	251	498	706	338	329	307	47.6
PLANT AND SYSTEM OPERATORS	157	-	4	30	50	21	25	21	6	-	-	29.4
OTHER PRECISION PRODUCTION OCCUPATIONS	9 347	221	376	1 585	1 027	767	1 640	1 708	1 011	747	265	39.2

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TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	150 248	3 715	7 518	19 754	14 403	13 744	27 024	29 601	17 899	11 958	4 632	40.8
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	119 482	2 181	5 533	15 391	11 452	10 637	20 950	24 589	14 899	10 076	3 774	41.8
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	72 083	1 332	2 994	8 147	6 936	6 636	12 642	14 907	9 153	6 520	2 816	42.8
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	2 958	33	144	460	271	320	564	591	294	208	73	39.7
PRINTING MACHINE OPERATORS	3 160	39	183	529	444	325	548	493	371	180	48	36.1
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	33 718	676	1 037	2 658	2 682	2 706	5 949	7 861	4 745	3 623	1 781	46.6
TEXTILE MACHINE OPERATORS	3 238	36	130	437	419	244	594	588	385	262	143	40.9
TEXTILE SEWING MACHINE OPERATORS	22 271	298	487	1 666	1 695	1 902	4 038	5 519	3 230	2 387	1 049	47.1
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	3 049	233	197	297	178	188	414	590	396	342	214	45.3
OTHER SPECIFIED MACHINE OPERATORS	11 006	265	688	1 600	1 188	1 005	1 811	1 897	1 333	919	300	38.9
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	21 241	319	942	2 900	2 351	2 280	3 770	4 065	2 410	1 590	614	39.4
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	6 653	130	328	1 114	797	731	1 054	1 177	723	448	151	37.0
MACHINE OPERATORS, NOT SPECIFIED	14 588	189	614	1 786	1 554	1 549	2 716	2 888	1 687	1 142	463	40.4
INDUSTRY:												
MANUFACTURING	19 450	253	784	2 567	2 191	2 118	3 417	3 796	2 246	1 500	578	39.9
NONDURABLE GOODS	7 947	139	357	879	833	844	1 439	1 540	1 021	604	291	41.2
FOOD AND KINDRED PRODUCTS	357	27	14	54	27	20	72	45	27	40	31	40.2
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	1 959	49	112	235	253	156	374	361	238	115	66	38.9
PAPER AND ALLIED PRODUCTS	1 760	-	59	136	171	202	311	418	221	180	62	45.0
OTHER NONDURABLE GOODS	3 871	63	172	454	382	466	682	716	535	269	132	41.0
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	11 503	114	427	1 688	1 358	1 274	1 978	2 256	1 225	896	287	39.0
METAL INDUSTRIES	1 634	16	51	163	230	190	205	380	205	142	52	42.9
MACHINERY, INCLUDING ELECTRICAL	5 700	51	280	939	638	635	1 031	1 057	562	425	82	37.6
TRANSPORTATION EQUIPMENT	432	-	7	77	29	70	70	42	68	58	11	41.4
OTHER DURABLE GOODS	3 737	47	89	509	461	379	672	777	390	271	142	40.0
NONMANUFACTURING INDUSTRIES	1 791	66	158	333	160	162	353	269	164	90	36	35.4
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	129	6	16	21	7	17	24	26	5	-	7	34.3
WHOLESALE AND RETAIL TRADE	753	41	40	142	54	48	201	125	55	36	11	36.9
ALL OTHER INDUSTRIES	909	19	102	170	99	97	128	118	104	54	18	33.3
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	32 673	665	2 047	5 162	3 181	2 732	6 105	6 423	3 605	2 156	597	38.9
WELDERS AND CUTTERS	1 052	16	42	232	145	101	134	193	133	48	8	34.5
ASSEMBLERS	28 157	625	1 841	4 383	2 633	2 349	5 325	5 497	3 087	1 907	510	39.0
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	3 464	24	164	547	403	282	646	733	385	201	79	39.5
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	14 726	184	492	2 082	1 335	1 269	2 203	3 259	2 141	1 400	361	44.0
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	8 483	117	260	951	943	1 398	2 487	1 374	478	337	138	37.1
MOTOR VEHICLE OPERATORS	6 705	38	136	608	800	1 198	2 160	1 104	343	202	116	37.3
TRUCK DRIVERS AND DRIVER-SALES WORKERS	1 282	26	85	191	197	246	189	150	73	74	51	32.9
BUS DRIVERS	4 847	5	40	298	566	894	1 845	848	215	102	34	37.9
RAIL AND WATER TRANSPORTATION OCCUPATIONS	61	-	3	32	9	6	-	6	5	-	-	24.6
MATERIAL MOVING EQUIPMENT OPERATORS	1 717	79	121	311	134	194	327	264	130	135	22	35.6
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	35	-	-	-	-	-	16	19	-	-	-	50.4
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	22 283	1 417	1 725	3 412	2 008	1 709	3 587	3 638	2 522	1 545	720	37.6
CONSTRUCTION LABORERS	221	37	8	68	14	3	25	43	4	11	8	24.8
FREIGHT, STOCK, AND MATERIAL HANDLERS	4 350	699	529	757	395	327	579	446	368	151	99	27.4
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	318	36	60	97	22	35	46	6	2	5	9	22.8
HAND PACKERS AND PACKAGERS	12 654	428	706	1 661	1 153	977	2 168	2 409	1 670	1 068	414	41.8
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	730	17	88	117	32	32	116	144	87	56	41	42.5
LABORERS, EXCEPT CONSTRUCTION	4 010	200	334	712	392	335	653	590	391	254	149	35.4
MANUFACTURING	1 894	63	212	293	166	150	325	287	202	128	68	36.9
NONDURABLE GOODS	1 070	47	82	177	91	109	200	140	105	68	51	36.4
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	824	16	130	116	75	41	125	147	97	60	17	37.5
METAL INDUSTRIES	129	6	19	6	-	7	25	32	17	17	-	45.6
NONMANUFACTURING INDUSTRIES	2 116	137	122	419	226	185	328	303	189	126	81	34.2
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	140	-	13	30	33	7	28	17	-	-	12	29.1
WHOLESALE AND RETAIL TRADE	1 224	68	80	242	90	97	210	205	142	78	12	36.2
ALL OTHER INDUSTRIES	752	69	29	147	103	81	90	81	47	48	57	31.7

TABLE 221. OCCUPATION OF EMPLOYED PERSONS BY AGE, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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MASSACHUSETTS	TOTAL, 16 YEARS AND OVER	16 AND 17 YEARS	18 AND 19 YEARS	20 TO 24 YEARS	25 TO 29 YEARS	30 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 59 YEARS	60 TO 64 YEARS	65 YEARS AND OVER	MEDIAN AGE
WHITE												
EMPLOYED MALES 16 YEARS AND OVER	1 404 078	39 444	58 645	184 219	190 686	185 258	261 523	235 593	118 070	80 367	50 273	36.5
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	399 335	625	2 079	27 899	55 593	69 178	96 228	78 554	33 461	21 112	14 606	39.1
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	199 398	170	874	12 792	23 391	31 148	49 577	43 150	18 815	12 332	7 149	40.9
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	7 089	-	20	161	583	1 016	1 310	1 816	955	724	504	47.7
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	7 400	7	20	186	538	899	2 088	2 382	663	440	177	44.8
MANAGERS, MEDICINE AND HEALTH	2 183	-	8	90	294	440	539	456	166	103	87	39.5
OTHER SPECIFIED MANAGERS	36 416	20	67	1 613	4 158	6 568	10 204	7 773	3 132	1 957	924	40.0
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	90 535	110	621	5 685	9 448	12 846	23 873	20 700	8 943	5 481	2 828	41.6
MANUFACTURING	30 759	-	16	707	2 132	4 055	9 522	8 311	3 296	1 838	882	43.9
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	6 324	-	11	196	590	889	1 602	1 634	894	378	130	44.1
WHOLESALE AND RETAIL TRADE	22 286	62	346	2 537	3 138	3 125	4 610	4 187	2 062	1 386	833	38.8
ALL OTHER INDUSTRIES	31 166	48	248	2 245	3 588	4 777	8 139	6 568	2 691	1 879	983	40.1
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	7 455	-	32	326	722	998	1 781	1 712	789	560	535	44.2
CONSTRUCTION	1 300	-	16	57	117	263	286	286	152	77	46	41.6
MANUFACTURING	1 103	-	-	52	152	98	263	250	126	73	89	44.5
WHOLESALE AND RETAIL TRADE	2 763	-	11	136	234	401	708	638	238	195	202	43.3
ALL OTHER INDUSTRIES	2 289	-	5	81	219	236	524	538	273	215	198	46.6
MANAGEMENT RELATED OCCUPATIONS	48 320	33	106	4 731	7 648	8 381	9 782	8 311	4 167	3 067	2 094	37.9
ACCOUNTANTS AND AUDITORS	20 166	7	29	3 006	3 892	3 586	3 600	2 829	1 333	1 104	780	34.4
BUYERS AND PURCHASING AGENTS	7 566	14	34	658	1 260	1 164	1 556	1 337	703	535	305	39.1
PROFESSIONAL SPECIALTY OCCUPATIONS	199 937	455	1 205	15 107	32 202	38 030	46 651	35 404	14 646	8 780	7 457	37.4
ENGINEERS, ARCHITECTS, AND SURVEYORS	51 272	36	178	4 354	7 459	7 933	11 322	11 484	4 997	2 515	994	39.6
ARCHITECTS	3 144	-	5	205	458	670	841	595	187	88	95	37.4
ENGINEERS	47 605	23	173	4 077	6 908	7 170	10 411	10 755	4 795	2 402	891	39.8
ELECTRICAL AND ELECTRONIC ENGINEERS	13 250	5	78	1 263	1 887	1 989	2 964	3 250	1 178	542	94	39.4
MECHANICAL ENGINEERS	7 611	-	29	592	1 164	1 117	1 605	1 612	859	516	117	40.3
OTHER ENGINEERS	26 744	18	66	2 222	3 857	4 064	5 842	5 893	2 758	1 344	680	40.0
SURVEYORS AND MAPPING SCIENTISTS	523	13	-	72	93	93	70	134	15	25	8	34.5
MATHEMATICAL AND COMPUTER SCIENTISTS	9 200	-	49	837	1 989	2 102	2 563	1 170	306	131	53	34.1
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	6 442	-	43	652	1 493	1 566	1 807	716	112	38	15	33.3
NATURAL SCIENTISTS	6 567	16	47	619	1 273	1 118	1 591	1 000	496	296	111	36.2
HEALTH DIAGNOSING OCCUPATIONS	17 091	-	-	102	1 954	3 369	4 054	3 162	1 646	1 184	1 620	42.4
PHYSICIANS	11 702	-	-	81	1 490	2 395	2 766	2 157	924	774	1 115	41.6
DENTISTS	3 558	-	-	7	289	653	965	601	487	257	299	43.2
OTHER HEALTH DIAGNOSING PRACTITIONERS	1 831	-	-	14	175	321	323	404	235	153	206	49.1
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	6 671	9	48	883	1 530	1 299	973	881	440	264	344	33.3
REGISTERED NURSES	1 459	-	6	199	417	324	269	145	52	23	24	31.7
PHARMACISTS	3 264	-	20	365	567	485	483	584	280	212	268	39.2
THERAPISTS	1 547	-	22	273	451	403	164	106	68	23	37	30.3
TEACHERS, LIBRARIANS, AND COUNSELORS	55 955	144	351	4 107	8 608	11 749	14 790	9 761	3 359	1 902	1 184	36.7
TEACHERS, POSTSECONDARY	14 809	5	100	1 248	1 742	2 142	4 060	3 094	1 236	799	383	39.8
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	18 394	26	42	1 013	3 092	4 475	5 015	3 118	925	482	206	35.9
TEACHERS, SECONDARY	13 548	20	6	659	2 110	3 443	3 818	2 338	661	298	195	36.1
SOCIAL SCIENTISTS AND URBAN PLANNERS	5 440	-	12	350	1 119	1 428	1 453	651	220	147	60	34.3
SOCIAL AND RECREATION WORKERS	5 774	62	104	607	1 394	1 396	1 008	600	274	179	150	32.6
RELIGIOUS WORKERS	4 636	15	7	83	383	601	981	1 227	397	443	499	47.0
LAWYERS AND JUDGES	14 181	-	9	269	2 198	2 967	3 476	2 278	965	731	1 288	38.9
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	23 150	173	400	2 896	4 295	4 068	4 440	3 190	1 546	988	1 154	34.7
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	287 310	6 695	12 401	43 329	42 521	36 460	48 340	45 716	23 530	16 393	11 925	35.4
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	50 584	265	1 586	10 069	9 908	8 059	9 017	6 889	2 627	1 388	776	32.1
HEALTH TECHNOLOGISTS AND TECHNICIANS	4 690	35	102	1 107	1 320	934	601	301	132	85	73	29.2
LICENSED PRACTICAL NURSES	513	7	-	48	100	119	87	94	22	21	15	34.3
ENGINEERING AND SCIENCE TECHNICIANS	27 254	163	1 065	5 370	4 448	3 735	4 815	4 369	1 871	1 011	407	33.5
ELECTRICAL AND ELECTRONIC TECHNICIANS	8 820	23	303	2 025	1 801	1 347	1 479	1 164	374	265	39	31.0
DRAFTING AND SURVEYING TECHNICIANS	8 809	84	449	1 718	1 205	1 151	1 576	1 498	742	251	135	34.1
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	18 640	67	419	3 592	4 140	3 390	3 601	2 219	624	292	296	31.6
AIRPLANE PILOTS AND NAVIGATORS	807	6	-	36	79	83	327	219	49	-	8	40.2
COMPUTER PROGRAMMERS	7 561	35	165	1 700	2 076	1 664	1 256	508	95	32	30	29.5
SALES OCCUPATIONS	123 606	4 033	4 696	14 075	15 933	15 152	23 270	20 901	10 566	7 806	7 174	38.1
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	28 586	133	282	2 839	4 493	4 066	6 280	4 910	2 408	1 818	1 357	38.4
SELF-EMPLOYED	6 186	5	25	201	591	836	1 208	1 354	766	574	626	47.1
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	26 647	48	128	1 870	3 008	3 916	5 972	5 721	2 664	1 646	1 674	41.9
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	28 475	58	181	2 086	3 891	3 792	6 288	5 745	2 930	1 951	1 553	41.3
SALES WORKERS, RETAIL AND PERSONAL SERVICES	39 636	3 788	4 105	7 251	4 492	3 340	4 651	4 482	2 559	2 384	2 584	30.3
CASHIERS	6 739	1 215	1 481	1 668	527	242	307	365	269	314	351	21.3
SALES RELATED OCCUPATIONS	262	6	-	29	49	38	79	43	5	7	6	36.0

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WHITE												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	113 120	2 397	6 119	19 185	16 680	13 249	16 053	17 926	10 337	7 199	3 975	34.6
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	17 084	23	115	1 279	2 281	2 875	3 727	3 610	1 803	1 051	320	40.0
COMPUTER EQUIPMENT OPERATORS	5 016	61	317	1 443	1 143	810	606	448	129	31	28	28.0
SECRETARIES, STENOGRAPHERS, AND TYPISTS	1 622	46	161	316	281	152	218	160	144	73	71	30.2
SECRETARIES	966	28	63	179	163	85	176	70	79	60	63	32.9
RECEPTIONISTS	614	42	125	173	34	41	37	51	26	38	47	22.4
FILE CLERKS	1 512	75	188	370	196	185	118	159	99	81	41	28.1
FINANCIAL RECORDS PROCESSING OCCUPATIONS	6 001	70	206	1 141	727	591	933	781	518	461	573	37.7
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	4 170	45	137	841	522	397	620	529	316	308	455	37.5
TELEPHONE OPERATORS	653	26	31	239	117	56	94	26	44	11	9	26.3
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	17 653	290	687	1 379	1 694	2 050	2 441	4 328	2 585	1 549	650	45.7
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	25 469	981	2 400	5 863	3 879	1 942	2 812	3 412	2 059	1 547	574	29.5
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	2 195	-	18	265	434	310	381	422	181	128	56	36.7
BANK TELLERS	1 554	24	99	617	352	124	88	91	60	56	43	25.5
DATA-ENTRY KEYERS	736	18	68	127	127	82	77	111	58	41	27	31.7
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	33 011	741	1 704	5 973	5 415	4 031	4 521	4 327	2 631	2 132	1 536	33.3
SERVICE OCCUPATIONS	150 393	15 021	12 191	22 969	15 702	13 823	19 695	20 910	11 728	9 932	8 422	33.4
PRIVATE HOUSEHOLD OCCUPATIONS	567	135	14	72	52	28	20	113	26	44	63	31.9
PROTECTIVE SERVICE OCCUPATIONS	44 867	233	1 066	4 122	5 539	7 075	9 611	8 458	3 881	2 624	2 258	39.0
FIREFIGHTING OCCUPATIONS	10 945	-	5	388	1 419	2 251	3 046	2 559	881	358	38	38.9
POLICE AND DETECTIVES, PUBLIC SERVICE	12 446	6	16	532	1 754	2 815	3 527	2 389	980	361	66	37.6
GUARDS	14 750	220	991	2 797	1 727	1 027	1 408	1 738	1 334	1 455	2 053	39.1
OTHER PROTECTIVE SERVICE OCCUPATIONS	6 726	7	54	405	639	982	1 630	1 772	686	450	101	42.6
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	104 959	14 653	11 111	18 775	10 111	6 720	10 064	12 339	7 821	7 264	6 101	28.9
FOOD PREPARATION AND SERVICE OCCUPATIONS	41 937	9 935	6 840	9 346	4 125	2 542	2 929	2 585	1 270	1 161	1 204	21.7
WAITERS AND FOOD COUNTER WORKERS	5 263	1 025	867	1 564	774	309	278	207	83	59	97	22.3
COOKS	13 896	2 954	2 397	3 151	1 382	775	1 061	996	468	443	269	21.9
HEALTH SERVICE OCCUPATIONS	6 054	298	453	1 695	1 224	656	529	547	317	200	135	27.4
NURSING AIDES, ORDERLIES, AND ATTENDANTS	4 781	96	302	1 365	1 005	521	469	467	258	174	124	28.1
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	47 989	3 865	3 324	6 219	3 608	2 665	5 022	8 190	5 654	5 388	4 054	43.6
PERSONAL SERVICE OCCUPATIONS	8 979	555	494	1 515	1 154	857	1 584	1 017	580	515	708	34.5
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	4 562	8	39	404	420	513	1 327	706	364	324	457	40.9
FARMING, FORESTRY, AND FISHING OCCUPATIONS	18 887	1 014	1 373	3 143	2 482	1 925	2 690	2 564	1 362	1 183	1 151	33.7
FARM OPERATORS AND MANAGERS	3 361	-	90	278	351	281	601	598	356	381	425	46.3
FARM OCCUPATIONS, EXCEPT MANAGERIAL	2 965	360	368	667	363	293	236	204	144	178	152	26.2
RELATED AGRICULTURAL OCCUPATIONS	8 347	544	755	1 586	1 130	675	1 015	1 091	589	495	467	31.2
FORESTRY AND FISHING OCCUPATIONS	4 214	110	160	612	638	676	838	671	273	129	107	34.3
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	268 144	2 522	8 808	35 669	37 390	35 308	52 270	48 240	25 061	16 156	6 720	37.5
MECHANICS AND REPAIRERS	82 071	982	3 068	12 533	12 849	11 604	15 835	13 015	6 455	4 129	1 601	35.0
AUTOMOBILE MECHANICS, INCLUDING BODY	25 539	516	1 539	5 607	4 766	3 359	4 214	3 005	1 304	855	374	30.5
AIRCRAFT MECHANICS	1 468	-	16	143	185	275	321	362	86	71	9	38.5
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	4 213	28	71	561	768	606	917	698	341	151	72	35.7
OTHER MECHANICS AND REPAIRERS	50 851	438	1 442	6 222	7 130	7 364	10 383	8 950	4 724	3 052	1 146	37.4
CONSTRUCTION TRADES	85 865	681	2 865	10 953	12 777	12 104	17 051	15 922	7 228	4 467	1 817	36.9
CARPENTERS	25 780	321	1 081	4 015	4 452	3 442	4 585	4 083	2 012	1 194	595	34.4
ELECTRICIANS	12 406	53	372	1 733	2 097	1 703	2 662	2 119	977	515	175	35.9
PAINTERS, CONSTRUCTION AND MAINTENANCE	7 548	118	300	1 293	1 063	877	1 248	1 088	719	550	292	36.0
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	10 379	57	368	1 348	1 220	1 470	1 978	2 048	1 005	687	198	38.5
OTHER CONSTRUCTION TRADES	29 752	132	744	2 564	3 945	4 612	6 578	6 584	2 515	1 521	557	39.0
EXTRACTIVE OCCUPATIONS	300	-	6	40	32	33	82	64	17	19	7	38.8
PRECISION PRODUCTION OCCUPATIONS	99 908	859	2 869	12 143	11 732	11 567	19 302	19 239	11 361	7 541	3 295	40.3
SUPERVISORS, PRODUCTION OCCUPATIONS	41 372	69	388	3 243	4 298	5 312	9 529	9 677	4 865	3 040	951	42.7
MANUFACTURING	31 557	24	230	2 327	3 258	4 171	7 377	7 453	3 747	2 333	637	42.8
PRECISION METALWORKING OCCUPATIONS	31 596	334	1 391	5 245	4 151	3 492	5 356	4 862	3 467	2 400	898	36.9
TOOL AND DIE MAKERS	5 153	21	105	542	471	448	945	1 020	900	549	152	45.5
MACHINISTS	19 874	229	1 067	3 816	2 862	2 205	3 246	2 817	1 770	1 346	516	34.5
SHEET METAL WORKERS	3 253	45	130	535	389	470	624	454	326	242	38	35.8
OTHER PRECISION METAL WORKERS	3 316	39	89	352	429	369	541	571	471	263	192	41.6
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	3 425	53	61	256	314	220	601	687	424	346	463	47.8
PLANT AND SYSTEM OPERATORS	4 518	24	34	332	407	556	735	953	797	528	152	47.0
OTHER PRECISION PRODUCTION OCCUPATIONS	18 997	379	995	3 067	2 562	1 987	3 081	3 060	1 808	1 227	831	36.6

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WHITE												
OPERATORS, FABRICATORS, AND LABORERS	280 009	13 567	21 793	51 210	36 998	28 564	42 300	39 609	22 928	15 591	7 449	32.9
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	138 111	2 413	8 735	25 227	19 683	14 342	21 297	20 928	12 806	9 205	3 475	34.5
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	98 048	1 526	5 520	17 088	13 902	10 130	15 800	15 596	9 313	6 568	2 605	35.5
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	15 473	170	674	2 520	2 136	1 552	2 373	2 364	1 913	1 378	393	37.8
PRINTING MACHINE OPERATORS	10 855	165	645	1 752	1 239	1 030	2 173	2 104	894	538	315	37.6
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	9 512	331	482	1 456	1 107	883	1 485	1 592	857	888	431	38.3
TEXTILE MACHINE OPERATORS	3 975	49	194	744	475	350	564	653	429	412	105	38.1
TEXTILE SEWING MACHINE OPERATORS	682	29	37	60	40	79	128	139	77	42	51	42.9
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	1 832	140	155	334	246	166	290	192	102	105	102	31.2
OTHER SPECIFIED MACHINE OPERATORS	27 648	349	1 598	4 937	4 288	2 948	4 264	4 270	2 469	1 769	756	34.5
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	34 560	511	2 121	6 423	5 132	3 717	5 505	5 266	3 180	1 995	710	34.2
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	10 576	175	505	1 862	1 591	1 158	1 737	1 677	1 082	618	171	35.0
MACHINE OPERATORS, NOT SPECIFIED	23 984	336	1 616	4 561	3 541	2 559	3 768	3 589	2 098	1 377	539	33.8
INDUSTRY:												
MANUFACTURING	31 698	461	1 958	5 949	4 650	3 425	5 028	4 817	2 930	1 853	627	34.1
NONDURABLE GOODS	12 352	182	644	2 154	1 923	1 456	1 871	2 009	1 207	683	223	34.4
FOOD AND KINDRED PRODUCTS	1 097	13	22	151	192	134	201	155	121	89	19	36.5
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	1 477	55	93	233	263	185	228	144	138	104	34	32.6
PAPER AND ALLIED PRODUCTS	3 832	9	127	578	623	488	649	715	395	197	51	36.3
OTHER NONDURABLE GOODS	5 946	105	402	1 192	845	649	793	995	553	293	119	33.3
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	19 346	279	1 314	3 795	2 727	1 969	3 157	2 808	1 723	1 170	404	34.0
METAL INDUSTRIES	6 074	71	443	1 281	785	574	1 019	1 013	550	247	91	34.0
MACHINERY, INCLUDING ELECTRICAL	6 777	109	535	1 311	978	593	962	947	616	553	173	33.8
TRANSPORTATION EQUIPMENT	1 219	-	50	233	165	164	270	121	139	60	17	34.9
OTHER DURABLE GOODS	5 276	99	286	970	799	638	906	727	418	310	123	33.8
NONMANUFACTURING INDUSTRIES	2 862	50	163	474	482	292	477	449	250	142	83	34.5
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	707	-	27	79	162	70	120	139	87	17	6	36.3
WHOLESALE AND RETAIL TRADE	932	16	76	166	148	69	136	119	78	69	55	34.3
ALL OTHER INDUSTRIES	1 223	34	60	229	172	153	221	191	85	56	22	33.8
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	28 399	757	2 654	6 013	4 164	3 065	4 034	3 368	2 142	1 605	597	31.0
WELDERS AND CUTTERS	8 426	43	541	1 509	1 399	1 150	1 499	1 049	696	406	134	33.1
ASSEMBLERS	17 936	576	1 912	4 184	2 498	1 712	2 326	2 051	1 286	1 051	340	29.6
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	2 037	138	201	320	267	203	209	268	160	148	123	32.3
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	11 664	130	561	2 126	1 617	1 147	1 463	1 964	1 351	1 032	273	36.6
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	74 050	942	2 801	11 264	10 313	9 357	14 307	12 471	6 329	3 942	2 324	36.6
MOTOR VEHICLE OPERATORS	55 831	547	1 890	8 409	7 726	7 241	11 266	9 081	4 538	3 028	2 105	36.8
TRUCK DRIVERS AND DRIVER-SALES WORKERS	44 928	449	1 652	6 910	6 451	6 041	9 478	7 525	3 426	1 971	1 025	36.0
BUS DRIVERS	5 032	-	40	506	416	524	867	889	593	683	514	47.4
RAIL AND WATER TRANSPORTATION OCCUPATIONS	2 873	22	27	268	460	366	418	645	386	244	37	41.7
MATERIAL MOVING EQUIPMENT OPERATORS	15 346	373	884	2 587	2 127	1 750	2 623	2 745	1 405	670	182	34.9
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	1 351	2	17	155	148	185	347	298	102	84	13	40.1
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	67 848	10 212	10 257	14 719	7 002	4 865	6 696	6 210	3 793	2 444	1 650	24.5
CONSTRUCTION LABORERS	9 300	192	601	1 749	1 299	1 043	1 601	1 525	704	441	145	33.9
FREIGHT, STOCK, AND MATERIAL HANDLERS	25 290	6 408	4 578	5 293	1 951	1 396	1 790	1 670	966	736	502	21.3
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	5 749	1 361	1 691	1 270	351	142	259	193	211	92	179	19.8
HAND PACKERS AND PACKAGERS	5 558	568	894	1 201	732	360	662	458	390	132	161	25.8
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	6 195	858	962	1 547	640	337	540	610	346	204	151	23.8
LABORERS, EXCEPT CONSTRUCTION	15 756	825	1 531	3 659	2 029	1 587	1 844	1 754	1 176	839	512	29.6
MANUFACTURING	5 615	258	496	1 401	701	432	769	597	503	283	175	29.7
NONDURABLE GOODS	2 645	104	248	665	297	199	352	287	253	156	84	30.2
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	2 970	154	248	736	404	233	417	310	250	127	91	29.3
METAL INDUSTRIES	874	59	64	213	145	94	118	51	78	33	19	28.5
NONMANUFACTURING INDUSTRIES	10 141	567	1 035	2 258	1 328	1 155	1 075	1 157	673	556	337	29.6
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	2 108	69	41	341	300	288	314	367	185	144	59	35.4
WHOLESALE AND RETAIL TRADE	5 280	327	717	1 350	748	567	470	481	248	189	183	26.6
ALL OTHER INDUSTRIES	2 753	171	277	567	280	300	291	309	240	223	95	31.4

TABLE 221. OCCUPATION OF EMPLOYED PERSONS BY AGE, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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MASSACHUSETTS	TOTAL, 16 YEARS AND OVER	16 AND 17 YEARS	18 AND 19 YEARS	20 TO 24 YEARS	25 TO 29 YEARS	30 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 59 YEARS	60 TO 64 YEARS	65 YEARS AND OVER	MEDIAN AGE
WHITE												
EMPLOYED FEMALES 16 YEARS AND OVER	1 136 452	40 248	62 322	183 205	157 792	132 699	194 935	181 570	88 794	59 639	35 248	34.7
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	272 895	688	2 670	35 127	55 883	48 431	56 677	40 291	16 326	10 186	6 616	34.3
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	82 383	115	977	11 238	15 266	13 262	15 667	13 354	6 429	3 839	2 236	35.2
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	3 247	5	22	210	510	415	531	703	414	311	126	43.5
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	5 567	-	34	476	825	919	1 320	1 094	445	268	186	38.5
MANAGERS, MEDICINE AND HEALTH	2 368	-	24	155	373	359	562	499	205	121	70	39.5
OTHER SPECIFIED MANAGERS	11 596	7	140	1 452	2 077	2 201	2 296	1 883	824	412	304	34.8
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	32 800	73	512	4 561	5 641	5 104	6 532	5 475	2 496	1 461	945	35.7
MANUFACTURING	5 177	10	26	510	864	836	1 116	1 025	386	255	149	37.7
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	1 995	-	15	133	278	445	461	411	153	67	32	37.9
WHOLESALE AND RETAIL TRADE	7 515	34	273	1 451	1 229	915	1 367	1 035	582	323	306	34.2
ALL OTHER INDUSTRIES	18 113	29	198	2 467	3 270	2 908	3 588	3 004	1 375	816	458	35.4
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	2 050	5	-	115	205	245	593	444	180	125	138	41.9
CONSTRUCTION	36	-	-	-	-	-	31	5	-	-	-	37.9
MANUFACTURING	226	-	-	13	49	39	86	15	1	-	23	36.2
WHOLESALE AND RETAIL TRADE	912	-	-	31	98	85	225	231	122	61	59	45.8
ALL OTHER INDUSTRIES	876	5	-	71	58	121	251	193	57	64	56	41.4
MANAGEMENT RELATED OCCUPATIONS	24 755	25	245	4 269	5 635	4 019	3 833	3 256	1 865	1 141	467	32.7
ACCOUNTANTS AND AUDITORS	8 487	11	55	1 814	1 957	1 121	1 201	1 075	731	365	157	31.8
BUYERS AND PURCHASING AGENTS	3 805	-	39	733	908	570	448	426	346	232	103	32.0
PROFESSIONAL SPECIALTY OCCUPATIONS	190 512	573	1 693	23 889	40 617	35 169	41 010	26 937	9 897	6 347	4 380	34.0
ENGINEERS, ARCHITECTS, AND SURVEYORS	2 235	15	14	542	644	344	312	174	116	42	32	29.2
ARCHITECTS	438	-	-	-	119	110	72	79	19	31	8	34.5
ENGINEERS	1 761	15	14	530	519	228	230	93	97	11	24	28.1
ELECTRICAL AND ELECTRONIC ENGINEERS	462	7	-	140	125	52	56	42	29	11	-	28.4
MECHANICAL ENGINEERS	145	8	-	61	39	-	6	5	19	-	7	25.4
OTHER ENGINEERS	1 154	-	14	329	355	176	168	46	49	-	17	28.3
SURVEYORS AND MAPPING SCIENTISTS	36	-	-	12	6	6	10	2	-	-	-	30.0
MATHEMATICAL AND COMPUTER SCIENTISTS	3 410	-	24	638	991	816	505	256	107	66	7	30.3
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	1 784	-	-	369	538	414	300	108	26	22	7	29.9
NATURAL SCIENTISTS	1 980	14	36	263	653	346	316	203	49	48	52	30.3
HEALTH DIAGNOSING OCCUPATIONS	2 531	-	5	164	710	605	504	240	145	86	72	33.2
PHYSICIANS	2 085	-	-	103	597	498	458	218	98	54	59	33.4
DENTISTS	187	-	-	26	58	20	10	13	35	18	7	32.4
OTHER HEALTH DIAGNOSING PRACTITIONERS	259	-	5	35	55	87	36	9	12	14	6	32.0
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	55 192	30	189	8 287	12 387	8 416	11 370	8 709	3 239	1 670	895	34.0
REGISTERED NURSES	46 697	5	45	6 148	9 775	7 366	10 258	7 887	2 976	1 493	744	35.0
PHARMACISTS	803	5	34	289	209	42	74	115	23	6	6	26.8
THERAPISTS	5 702	-	70	1 347	2 047	810	792	425	107	62	42	28.5
TEACHERS, LIBRARIANS, AND COUNSELORS	89 945	301	870	9 004	17 061	17 665	21 551	13 534	4 653	3 208	2 098	35.0
TEACHERS, POSTSECONDARY	8 398	6	229	1 003	1 324	1 587	2 196	1 222	427	286	118	35.2
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	49 697	34	147	4 552	9 580	10 368	12 384	7 741	2 329	1 645	917	35.1
TEACHERS, SECONDARY	15 356	8	22	1 315	3 252	3 287	3 678	2 236	821	480	257	34.7
SOCIAL SCIENTISTS AND URBAN PLANNERS	3 614	-	13	391	936	927	758	363	95	62	69	32.5
SOCIAL AND RECREATION WORKERS	10 921	46	191	1 537	2 437	1 959	1 916	1 389	691	417	338	33.2
RELIGIOUS WORKERS	1 298	12	-	79	134	169	360	213	52	101	178	42.3
LAWYERS AND JUDGES	2 533	9	-	187	805	679	461	126	43	108	115	32.0
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	16 853	146	351	2 797	3 859	3 243	2 957	1 730	707	539	524	32.0
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	517 672	19 552	33 995	93 893	67 776	53 658	83 081	83 070	40 285	26 707	15 655	34.1
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	40 210	109	848	9 153	9 411	6 501	6 301	4 184	1 710	1 327	666	30.4
HEALTH TECHNOLOGISTS AND TECHNICIANS	25 323	7	291	5 098	5 873	4 441	4 477	2 722	1 078	877	459	31.6
LICENSED PRACTICAL NURSES	11 884	-	125	1 436	2 216	2 348	2 380	1 740	719	643	277	34.6
ENGINEERING AND SCIENCE TECHNICIANS	6 019	67	311	1 794	1 197	619	604	653	424	270	80	28.5
ELECTRICAL AND ELECTRONIC TECHNICIANS	1 302	26	33	270	277	140	194	186	96	55	25	31.6
DRAFTING AND SURVEYING TECHNICIANS	1 202	10	99	326	228	112	85	182	70	61	29	28.6
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	8 868	35	246	2 261	2 341	1 441	1 220	809	208	180	127	29.0
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	3 805	15	103	1 006	1 214	689	513	196	49	20	-	28.2
SALES OCCUPATIONS	114 661	12 486	11 953	18 342	11 382	9 840	16 246	16 251	7 985	5 942	4 234	31.6
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	10 879	84	329	2 239	1 696	1 326	1 818	1 509	932	559	387	34.1
SELF-EMPLOYED	2 168	-	-	77	143	262	488	455	305	249	189	47.3
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	15 234	198	271	2 031	2 473	2 077	3 563	2 680	1 020	590	331	36.4
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	4 499	103	215	903	1 004	606	740	530	221	104	73	30.2
SALES WORKERS, RETAIL AND PERSONAL SERVICES	83 776	12 101	11 138	13 139	6 195	5 812	10 056	11 501	5 753	4 650	3 431	29.4
CASHIERS	32 967	6 056	5 558	6 161	2 467	2 206	3 984	3 468	1 491	997	579	23.5
SALES RELATED OCCUPATIONS	273	-	-	30	14	19	69	31	59	39	12	46.4

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WHITE												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	362 801	6 957	21 194	66 398	46 983	37 317	60 534	62 635	30 590	19 438	10 755	35.4
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	15 550	14	229	1 754	2 529	2 150	2 845	3 270	1 693	767	299	38.7
COMPUTER EQUIPMENT OPERATORS	6 742	92	553	1 728	1 198	787	1 017	892	278	152	45	29.2
SECRETARIES, STENOGRAPHERS, AND TYPISTS	131 413	1 645	7 018	25 515	17 780	14 017	23 404	21 758	10 220	6 394	3 662	34.9
SECRETARIES	110 736	1 016	4 937	21 735	15 604	12 245	20 240	18 449	8 461	5 067	2 982	34.9
RECEPTIONISTS	10 413	445	857	2 082	1 115	794	1 655	1 662	769	637	397	34.5
FILE CLERKS	6 409	782	1 017	1 183	529	439	660	929	430	302	138	27.1
FINANCIAL RECORDS PROCESSING OCCUPATIONS	54 219	405	1 556	7 930	6 103	5 742	9 496	10 968	5 721	3 837	2 461	40.7
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	42 940	288	1 128	5 888	4 612	4 439	7 654	9 005	4 598	3 143	2 185	41.6
TELEPHONE OPERATORS	8 205	63	464	790	965	692	1 122	2 362	908	488	351	45.0
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	4 212	107	438	703	427	331	525	663	511	348	159	36.8
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	7 894	164	566	1 500	1 060	790	1 215	1 202	757	461	179	34.2
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	2 627	4	71	772	660	272	357	246	141	101	3	28.5
BANK TELLERS	12 329	291	1 568	3 745	1 665	1 092	1 695	1 370	552	257	94	26.7
DATA-ENTRY KEYERS	10 289	121	826	2 126	1 567	1 599	2 072	1 219	476	216	67	31.6
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	92 499	2 824	6 031	16 570	11 385	8 612	14 471	16 094	8 134	5 478	2 900	35.5
SERVICE OCCUPATIONS	178 522	15 785	17 211	31 278	17 928	15 690	26 379	25 496	12 148	9 221	7 386	32.2
PRIVATE HOUSEHOLD OCCUPATIONS	8 346	1 141	547	852	597	509	893	1 071	546	745	1 445	40.0
PROTECTIVE SERVICE OCCUPATIONS	5 187	112	564	922	465	378	986	988	376	227	169	36.6
FIREFIGHTING OCCUPATIONS	53	-	-	6	13	6	18	5	5	-	-	35.9
POLICE AND DETECTIVES, PUBLIC SERVICE	512	-	6	40	136	66	97	83	46	18	20	35.9
GUARDS	4 170	112	553	798	302	273	803	769	288	165	107	35.6
OTHER PROTECTIVE SERVICE OCCUPATIONS	452	-	5	78	14	33	68	131	37	44	42	47.2
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	164 989	14 532	16 100	29 504	16 866	14 803	24 500	23 437	11 226	8 249	5 772	31.9
FOOD PREPARATION AND SERVICE OCCUPATIONS	75 253	9 433	9 646	13 457	6 781	5 627	10 229	10 167	4 671	3 170	2 072	28.8
WAITERS AND FOOD COUNTER WORKERS	41 030	6 411	5 636	9 153	4 720	3 601	5 059	3 641	1 280	876	653	24.5
COOKS	10 335	703	942	1 123	711	662	1 567	2 131	1 091	821	584	41.7
HEALTH SERVICE OCCUPATIONS	43 831	3 262	4 206	9 892	4 904	3 969	5 951	5 787	2 659	2 027	1 174	29.6
NURSING AIDES, ORDERLIES, AND ATTENDANTS	33 257	2 296	3 114	6 981	3 537	3 019	4 869	4 764	2 146	1 587	944	31.2
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	14 097	1 138	877	1 533	925	805	2 004	2 745	1 707	1 394	969	43.8
PERSONAL SERVICE OCCUPATIONS	31 808	699	1 371	4 622	4 256	4 402	6 316	4 738	2 189	1 658	1 557	35.7
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	10 552	7	375	1 804	1 605	1 739	2 211	1 203	680	528	400	34.3
FARMING, FORESTRY, AND FISHING OCCUPATIONS	3 796	226	390	813	472	394	457	414	220	200	210	30.0
FARM OPERATORS AND MANAGERS	627	-	26	36	58	82	134	103	71	54	63	42.8
FARM OCCUPATIONS, EXCEPT MANAGERIAL	1 422	117	148	289	136	155	161	180	86	61	89	30.7
RELATED AGRICULTURAL OCCUPATIONS	1 554	101	193	445	237	123	142	121	63	85	44	25.8
FORESTRY AND FISHING OCCUPATIONS	193	8	23	43	41	34	20	10	-	-	14	27.7
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	24 911	430	922	3 580	2 967	2 344	4 207	5 007	2 710	1 834	910	40.3
MECHANICS AND REPAIRERS	2 548	10	87	457	468	324	369	412	236	127	58	33.9
AUTOMOBILE MECHANICS, INCLUDING BODY	208	-	-	67	40	29	24	10	11	1	26	29.6
AIRCRAFT MECHANICS	41	-	10	-	-	-	-	24	7	-	-	51.3
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	13	-	5	-	8	-	-	-	-	-	-	25.9
OTHER MECHANICS AND REPAIRERS	2 286	10	72	390	420	295	345	378	218	126	32	34.3
CONSTRUCTION TRADES	1 114	50	71	250	182	85	147	175	67	44	43	30.2
CARPENTERS	370	40	37	102	74	13	47	44	6	-	7	25.4
ELECTRICIANS	147	-	8	23	27	17	20	18	14	-	20	34.6
PAINTERS, CONSTRUCTION AND MAINTENANCE	212	4	10	43	46	25	25	27	18	5	9	30.6
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	43	-	-	19	5	5	-	7	-	-	7	27.5
OTHER CONSTRUCTION TRADES	342	6	16	63	30	25	55	79	29	39	-	39.3
EXTRACTIVE OCCUPATIONS	13	5	-	-	6	-	-	-	2	-	-	26.3
PRECISION PRODUCTION OCCUPATIONS	21 236	365	764	2 873	2 311	1 935	3 691	4 420	2 405	1 663	809	41.5
SUPERVISORS, PRODUCTION OCCUPATIONS	7 429	40	228	805	919	779	1 358	1 686	937	479	198	42.1
MANUFACTURING	5 616	29	132	513	631	606	1 097	1 327	721	385	175	43.1
PRECISION METALWORKING OCCUPATIONS	1 966	54	72	350	221	218	334	357	145	141	74	36.9
TOOL AND DIE MAKERS	88	-	-	-	-	25	14	3	6	20	20	56.7
MACHINISTS	739	-	25	188	109	72	117	102	64	53	9	33.3
SHEET METAL WORKERS	64	-	-	13	-	13	20	-	18	-	-	36.5
OTHER PRECISION METAL WORKERS	1 075	54	47	149	112	108	183	252	57	68	45	38.9
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	2 826	50	101	182	210	235	436	683	325	311	293	48.3
PLANT AND SYSTEM OPERATORS	148	-	4	25	46	21	25	21	6	-	-	29.9
OTHER PRECISION PRODUCTION OCCUPATIONS	8 867	221	359	1 511	915	682	1 538	1 673	992	732	244	39.8

TABLE 221. OCCUPATION OF EMPLOYED PERSONS BY AGE, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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MASSACHUSETTS	TOTAL, 16 YEARS AND OVER	16 AND 17 YEARS	18 AND 19 YEARS	20 TO 24 YEARS	25 TO 29 YEARS	30 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 59 YEARS	60 TO 64 YEARS	65 YEARS AND OVER	MEDIAN AGE
WHITE												
OPERATORS, FABRICATORS, AND LABORERS	138 656	3 567	7 134	18 514	12 766	12 182	24 134	27 292	17 105	11 491	4 471	41.1
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	109 655	2 083	5 216	14 414	10 093	9 371	18 490	22 527	14 164	9 658	3 639	42.3
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	66 193	1 283	2 834	7 617	6 105	5 913	11 284	13 599	8 636	6 201	2 721	43.2
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	2 827	33	135	449	259	307	513	572	290	196	73	39.6
PRINTING MACHINE OPERATORS	3 071	39	169	489	427	320	535	493	371	180	48	38.7
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	30 504	656	992	2 454	2 292	2 391	5 225	7 016	4 399	3 381	1 698	47.0
TEXTILE MACHINE OPERATORS	3 158	36	130	422	392	218	592	578	385	262	143	41.4
TEXTILE SEWING MACHINE OPERATORS	19 884	292	469	1 538	1 433	1 695	3 486	4 808	2 952	2 213	998	47.4
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	2 750	225	182	264	151	131	369	545	365	309	209	46.0
OTHER SPECIFIED MACHINE OPERATORS	10 440	257	665	1 522	1 100	921	1 732	1 761	1 268	914	300	39.0
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	19 351	298	873	2 703	2 027	1 974	3 279	3 757	2 308	1 530	602	40.1
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	6 120	126	269	1 055	734	619	939	1 097	708	428	145	37.5
MACHINE OPERATORS, NOT SPECIFIED	13 231	172	604	1 648	1 293	1 355	2 340	2 660	1 600	1 102	457	41.3
INDUSTRY:												
MANUFACTURING	17 676	232	728	2 377	1 873	1 831	2 967	3 501	2 148	1 453	566	40.8
NONDURABLE GOODS	7 427	128	347	841	748	754	1 256	1 485	1 000	583	285	42.1
FOOD AND KINDRED PRODUCTS	347	27	14	51	27	20	65	45	27	40	31	39.9
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	1 881	43	105	225	240	152	365	353	230	108	60	39.0
PAPER AND ALLIED PRODUCTS	1 629	-	56	136	155	191	249	394	213	173	62	45.8
OTHER NONDURABLE GOODS	3 570	58	172	429	326	391	577	693	530	262	132	42.3
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	10 249	104	381	1 536	1 125	1 077	1 711	2 016	1 148	870	281	39.8
METAL INDUSTRIES	1 449	10	51	129	166	176	189	334	205	137	52	45.1
MACHINERY, INCLUDING ELECTRICAL	5 109	51	234	861	516	540	907	984	527	413	76	38.5
TRANSPORTATION EQUIPMENT	405	-	7	68	29	52	70	42	68	58	11	42.7
OTHER DURABLE GOODS	3 286	43	89	478	414	309	545	656	348	262	142	40.0
NONMANUFACTURING INDUSTRIES	1 675	66	145	326	154	143	312	256	160	77	36	35.1
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	116	6	16	21	7	12	16	26	5	-	7	33.3
WHOLESALE AND RETAIL TRADE	726	41	40	135	48	41	194	125	55	36	11	37.2
ALL OTHER INDUSTRIES	833	19	89	170	99	90	102	105	100	41	18	32.2
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	29 801	621	1 928	4 813	2 790	2 380	5 301	5 842	3 454	2 104	568	39.2
WELDERS AND CUTTERS	967	16	42	208	142	79	126	171	127	48	8	34.8
ASSEMBLERS	25 652	581	1 729	4 084	2 311	2 037	4 567	5 038	2 955	1 855	495	39.3
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	3 182	24	157	521	337	264	608	633	372	201	65	39.4
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	13 661	179	454	1 984	1 198	1 078	1 905	3 086	2 074	1 353	350	45.1
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	8 000	117	252	914	872	1 257	2 312	1 323	478	337	138	37.3
MOTOR VEHICLE OPERATORS	6 324	38	136	580	735	1 106	1 997	1 071	343	202	116	37.5
TRUCK DRIVERS AND DRIVER-SALES WORKERS	1 223	26	85	191	186	208	185	144	73	74	51	33.0
BUS DRIVERS	4 554	5	40	293	512	840	1 686	827	215	102	34	38.1
RAIL AND WATER TRANSPORTATION OCCUPATIONS	61	-	3	32	9	6	-	6	5	-	-	24.6
MATERIAL MOVING EQUIPMENT OPERATORS	1 615	79	113	302	128	145	315	246	130	135	22	36.4
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	28	-	-	-	-	-	16	12	-	-	-	44.2
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	21 001	1 367	1 666	3 186	1 801	1 554	3 332	3 442	2 463	1 496	694	38.0
CONSTRUCTION LABORERS	204	27	8	68	14	3	18	43	4	11	8	24.9
FREIGHT, STOCK, AND MATERIAL HANDLERS	4 116	665	507	732	370	310	525	407	368	141	91	27.1
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	307	36	60	86	22	35	46	6	2	5	9	22.6
HAND PACKERS AND PACKAGERS	11 899	428	674	1 480	1 014	896	2 037	2 287	1 629	1 040	414	42.4
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	643	17	83	117	26	22	100	128	82	45	23	41.3
LABORERS, EXCEPT CONSTRUCTION	3 832	194	334	703	355	288	606	571	378	254	149	35.6
MANUFACTURING	1 808	63	212	293	160	121	288	273	202	128	68	37.0
NONDURABLE GOODS	1 016	47	82	177	85	89	177	135	105	68	51	36.6
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	792	16	130	116	75	32	111	138	97	60	17	37.5
METAL INDUSTRIES	123	6	19	6	-	7	19	32	17	17	-	46.7
NONMANUFACTURING INDUSTRIES	2 024	131	122	410	195	167	318	298	176	126	81	34.6
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	135	-	13	25	33	7	28	17	-	-	12	29.5
WHOLESALE AND RETAIL TRADE	1 181	68	80	238	74	91	204	200	136	78	12	36.4
ALL OTHER INDUSTRIES	708	63	29	147	88	69	86	81	40	48	57	32.0

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MASSACHUSETTS	TOTAL, 16 YEARS AND OVER	16 AND 17 YEARS	18 AND 19 YEARS	20 TO 24 YEARS	25 TO 29 YEARS	30 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 59 YEARS	60 TO 64 YEARS	65 YEARS AND OVER	MEDIAN AGE
BLACK												
EMPLOYED MALES 16 YEARS AND OVER	42 286	1 199	1 942	5 797	6 681	6 672	9 051	5 736	2 735	1 668	805	34.1
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	7 812	102	105	792	1 382	1 566	2 055	1 083	382	234	111	34.9
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	3 680	8	28	339	588	682	1 106	588	191	103	47	36.6
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	251	-	13	35	48	20	45	61	6	6	17	36.6
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	381	-	5	27	89	72	114	59	8	7	-	34.8
MANAGERS, MEDICINE AND HEALTH	63	-	-	11	-	9	18	25	-	-	-	40.4
OTHER SPECIFIED MANAGERS	483	-	-	39	75	132	143	49	26	10	9	34.8
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	1 238	8	10	114	186	206	376	218	71	36	13	37.8
MANUFACTURING	169	-	-	8	26	36	53	17	29	-	-	39.0
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	149	-	-	22	25	8	36	45	7	6	-	41.4
WHOLESALE AND RETAIL TRADE	256	8	-	26	39	37	98	16	17	6	9	36.8
ALL OTHER INDUSTRIES	664	-	10	58	96	125	189	140	18	24	4	37.3
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	88	-	-	3	-	-	43	15	21	6	-	44.5
CONSTRUCTION	17	-	-	3	-	-	8	6	-	-	-	43.4
MANUFACTURING	13	-	-	-	-	-	13	-	-	-	-	39.1
WHOLESALE AND RETAIL TRADE	16	-	-	-	-	-	16	-	-	-	-	37.5
ALL OTHER INDUSTRIES	42	-	-	-	-	-	6	9	21	6	-	56.4
MANAGEMENT RELATED OCCUPATIONS	1 176	-	-	110	190	243	367	161	59	38	8	36.1
ACCOUNTANTS AND AUDITORS	411	-	-	67	112	73	112	36	11	-	-	31.8
BUYERS AND PURCHASING AGENTS	95	-	-	-	4	19	16	53	3	-	-	46.5
PROFESSIONAL SPECIALTY OCCUPATIONS	4 132	94	77	453	794	884	949	495	191	131	64	33.7
ENGINEERS, ARCHITECTS, AND SURVEYORS	730	-	-	103	172	135	163	74	61	15	7	33.3
ARCHITECTS	33	-	-	-	15	-	18	-	-	-	-	35.7
ENGINEERS	697	-	-	103	157	135	145	74	61	15	7	33.3
ELECTRICAL AND ELECTRONIC ENGINEERS	239	-	-	13	51	52	47	54	15	7	-	35.5
MECHANICAL ENGINEERS	59	-	-	10	9	19	11	-	10	-	-	32.8
OTHER ENGINEERS	399	-	-	80	97	64	87	20	36	8	7	31.8
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	251	-	-	3	58	67	95	20	8	-	-	34.8
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	178	-	-	3	40	47	71	9	8	-	-	34.9
NATURAL SCIENTISTS	126	-	-	6	23	24	44	24	5	-	-	36.1
HEALTH DIAGNOSING OCCUPATIONS	188	-	-	-	7	84	47	22	7	15	6	35.4
PHYSICIANS	140	-	-	-	7	75	37	15	-	6	-	34.2
DENTISTS	48	-	-	-	-	9	10	7	7	9	6	48.6
OTHER HEALTH DIAGNOSING PRACTITIONERS	-	-	-	-	-	-	-	-	-	-	-	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	207	-	6	24	77	40	29	19	5	7	-	29.8
REGISTERED NURSES	39	-	-	3	-	12	15	9	-	-	-	36.5
PHARMACISTS	63	-	-	-	41	-	-	10	5	7	-	28.8
THERAPISTS	72	-	-	16	27	23	6	-	-	-	-	28.7
TEACHERS, LIBRARIANS, AND COUNSELORS	1 251	34	19	146	218	275	263	185	57	43	11	33.8
TEACHERS, POSTSECONDARY	302	-	7	23	8	43	140	68	13	-	-	38.9
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	408	25	-	65	70	122	51	49	17	9	-	31.8
TEACHERS, SECONDARY	191	-	-	-	28	55	41	34	6	27	-	37.7
SOCIAL SCIENTISTS AND URBAN PLANNERS	94	-	-	6	44	13	26	-	-	5	-	29.7
SOCIAL AND RECREATION WORKERS	466	35	18	45	90	78	97	50	9	40	4	32.9
RELIGIOUS WORKERS	105	-	-	-	6	11	13	41	20	6	8	50.1
LAWYERS AND JUDGES	236	-	-	-	18	70	71	53	5	-	19	37.7
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	478	25	34	120	81	87	101	7	14	-	9	28.7
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	8 852	316	600	1 571	1 694	1 425	1 491	857	476	311	111	30.9
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	1 610	6	87	277	423	326	224	177	48	32	10	30.2
HEALTH TECHNOLOGISTS AND TECHNICIANS	215	6	4	24	85	34	14	30	18	-	-	29.3
LICENSED PRACTICAL NURSES	16	-	-	-	-	-	-	16	-	-	-	51.0
ENGINEERING AND SCIENCE TECHNICIANS	849	-	47	134	212	170	120	112	12	32	10	30.9
ELECTRICAL AND ELECTRONIC TECHNICIANS	297	-	-	50	62	69	57	48	-	11	-	32.6
DRAFTING AND SURVEYING TECHNICIANS	278	-	33	71	55	60	20	26	6	7	-	28.2
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	546	-	36	119	126	122	90	35	18	-	-	29.7
AIRPLANE PILOTS AND NAVIGATORS	11	-	-	-	6	-	-	5	-	-	-	29.6
COMPUTER PROGRAMMERS	264	-	25	101	80	34	16	8	-	-	-	25.4
SALES OCCUPATIONS	2 147	136	143	382	395	309	446	113	108	59	56	30.3
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	265	-	-	40	11	47	113	12	19	16	7	37.2
SELF-EMPLOYED	79	-	-	-	-	15	43	7	7	7	-	39.7
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	354	-	4	44	95	64	76	46	18	-	7	32.7
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	287	-	12	29	107	34	94	6	5	-	-	29.8
SALES WORKERS, RETAIL AND PERSONAL SERVICES	1 227	136	127	269	182	158	155	49	66	43	42	27.2
CASHIERS	403	44	71	73	83	28	57	7	26	14	-	25.8
SALES RELATED OCCUPATIONS	14	-	-	-	-	6	8	-	-	-	-	35.6

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BLACK												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	5 095	174	370	912	876	790	821	567	320	220	45	31.4
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	526	-	-	36	96	153	112	51	56	22	-	34.3
COMPUTER EQUIPMENT OPERATORS	341	-	57	50	67	83	79	5	-	-	-	29.7
SECRETARIES, STENOGRAPHERS, AND TYPISTS	70	-	3	21	-	11	16	-	4	15	-	35.0
SECRETARIES	49	-	3	21	-	7	16	-	-	2	-	30.4
RECEPTIONISTS	84	21	46	4	-	13	-	-	-	-	-	18.9
FILE CLERKS	85	-	12	27	6	7	6	18	-	9	-	27.9
FINANCIAL RECORDS PROCESSING OCCUPATIONS	298	7	13	78	57	58	36	16	12	14	7	29.5
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	255	7	13	71	37	51	36	16	7	14	3	29.9
TELEPHONE OPERATORS	55	-	13	13	20	-	9	-	-	-	-	25.4
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	827	57	22	67	99	110	95	180	105	86	6	39.4
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	1 029	22	38	149	226	113	263	127	43	20	28	33.5
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	40	-	-	16	6	18	-	-	-	-	-	28.3
BANK TELLERS	66	6	7	18	14	-	5	16	-	-	-	25.7
DATA-ENTRY KEYERS	28	-	11	7	4	-	-	6	-	-	-	23.3
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	1 646	61	148	426	281	224	200	148	100	54	4	28.3
SERVICE OCCUPATIONS	8 618	501	604	1 323	1 156	945	1 525	1 111	732	404	317	33.8
PRIVATE HOUSEHOLD OCCUPATIONS	32	-	-	5	-	-	16	8	-	-	3	38.4
PROTECTIVE SERVICE OCCUPATIONS	2 045	15	129	304	371	384	404	194	113	53	78	32.6
FIREFIGHTING OCCUPATIONS	274	-	-	40	85	75	67	-	7	-	-	30.8
POLICE AND DETECTIVES, PUBLIC SERVICE	355	-	-	25	78	88	104	47	7	-	6	34.2
GUARDS	1 154	15	123	219	177	162	174	105	78	38	63	31.3
OTHER PROTECTIVE SERVICE OCCUPATIONS	262	-	6	20	31	59	59	42	21	15	9	37.3
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	6 541	486	475	1 014	785	561	1 105	909	619	351	236	34.5
FOOD PREPARATION AND SERVICE OCCUPATIONS	1 721	205	166	301	191	159	308	174	124	71	22	29.9
WAITERS AND FOOD COUNTER WORKERS	152	31	14	20	33	11	6	19	2	16	-	26.7
COOKS	635	38	38	90	74	45	152	46	102	47	3	37.5
HEALTH SERVICE OCCUPATIONS	1 040	55	55	230	191	74	176	173	72	9	5	29.7
NURSING AIDES, ORDERLIES, AND ATTENDANTS	874	40	27	195	186	58	176	130	53	9	-	29.7
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	3 152	179	193	450	313	205	513	515	379	262	143	39.8
PERSONAL SERVICE OCCUPATIONS	628	47	61	33	90	123	108	47	44	9	66	33.4
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	196	-	-	10	22	49	43	14	11	-	47	39.0
FARMING, FORESTRY, AND FISHING OCCUPATIONS	272	15	15	74	56	22	38	22	7	7	16	27.9
FARM OPERATORS AND MANAGERS	5	-	-	-	-	-	5	-	-	-	-	42.5
FARM OCCUPATIONS, EXCEPT MANAGERIAL	21	6	-	-	-	-	8	7	-	-	-	42.8
RELATED AGRICULTURAL OCCUPATIONS	224	9	15	74	47	22	25	15	-	7	10	26.5
FORESTRY AND FISHING OCCUPATIONS	22	-	-	-	9	-	-	-	7	-	6	56.4
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	6 472	51	96	652	866	1 249	1 675	1 125	448	257	53	36.9
MECHANICS AND REPAIRERS	2 022	36	7	212	280	413	519	342	97	96	20	35.9
AUTOMOBILE MECHANICS, INCLUDING BODY	819	14	7	109	78	170	171	178	54	18	20	36.7
AIRCRAFT MECHANICS	35	-	-	3	14	-	-	18	-	-	-	45.2
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	61	-	-	6	-	8	31	8	-	8	-	39.3
OTHER MECHANICS AND REPAIRERS	1 107	22	-	94	188	235	317	138	43	70	-	35.3
CONSTRUCTION TRADES	1 872	4	8	144	268	338	546	348	141	55	20	38.8
CARPENTERS	480	-	-	17	25	71	151	112	50	34	20	43.9
ELECTRICIANS	239	4	-	-	49	54	72	53	-	7	-	36.4
PAINTERS, CONSTRUCTION AND MAINTENANCE	275	-	-	13	71	75	82	21	10	3	-	33.6
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	264	-	-	61	59	29	64	46	5	-	-	32.1
OTHER CONSTRUCTION TRADES	614	-	8	53	64	109	177	116	76	11	-	39.1
EXTRACTIVE OCCUPATIONS	11	-	-	-	5	-	-	-	6	-	-	55.4
PRECISION PRODUCTION OCCUPATIONS	2 567	11	81	296	313	498	610	435	204	106	13	36.5
SUPERVISORS, PRODUCTION OCCUPATIONS, MANUFACTURING	926	-	17	57	85	213	268	191	55	40	-	38.3
	721	-	-	51	78	177	180	163	32	40	-	38.0
PRECISION METALWORKING OCCUPATIONS	1 011	11	33	175	139	180	239	119	75	33	7	34.1
TOOL AND DIE MAKERS	128	-	-	47	24	36	14	-	7	-	-	28.5
MACHINISTS	740	11	26	123	78	139	186	90	52	28	7	34.7
SHEET METAL WORKERS	107	-	7	-	29	-	39	23	9	-	-	37.7
OTHER PRECISION METAL WORKERS	36	-	-	5	8	5	-	6	7	5	-	42.0
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	31	-	-	-	7	6	7	7	-	-	4	41.8
PLANT AND SYSTEM OPERATORS	110	-	4	-	10	7	39	26	22	-	2	44.2
OTHER PRECISION PRODUCTION OCCUPATIONS	489	-	27	64	72	92	57	92	52	33	-	34.4

TABLE 221. OCCUPATION OF EMPLOYED PERSONS BY AGE, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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MASSACHUSETTS	TOTAL, 16 YEARS AND OVER	16 AND 17 YEARS	18 AND 19 YEARS	20 TO 24 YEARS	25 TO 29 YEARS	30 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 59 YEARS	60 TO 64 YEARS	65 YEARS AND OVER	MEDIAN AGE
BLACK												
OPERATORS, FABRICATORS, AND LABORERS	10 260	214	522	1 385	1 527	1 465	2 267	1 538	690	455	197	35.1
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	5 558	53	265	869	845	897	1 082	799	361	264	123	34.2
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	3 667	40	222	475	474	562	734	641	253	183	83	35.7
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	352	3	7	56	26	25	142	37	31	25	-	38.9
PRINTING MACHINE OPERATORS	325	8	12	46	66	20	67	62	24	7	13	36.2
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	524	6	36	51	31	102	96	95	38	22	47	38.0
TEXTILE MACHINE OPERATORS	140	-	12	-	-	49	16	10	8	5	40	37.8
TEXTILE SEWING MACHINE OPERATORS	39	-	-	8	4	8	-	19	-	-	-	34.7
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	177	-	24	14	23	28	21	48	12	-	7	34.9
OTHER SPECIFIED MACHINE OPERATORS	811	3	42	144	140	120	145	147	41	21	8	33.2
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	1 655	20	125	178	211	295	284	300	119	108	15	35.0
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	342	-	26	27	56	79	51	44	29	25	5	33.9
MACHINE OPERATORS, NOT SPECIFIED	1 313	20	99	151	155	216	233	256	90	83	10	35.6
INDUSTRY:												
MANUFACTURING	1 516	20	104	161	193	295	267	259	106	96	15	34.7
NONDURABLE GOODS	568	13	34	66	53	116	92	121	38	35	-	35.2
FOOD AND KINDRED PRODUCTS	78	-	-	26	-	29	19	4	-	-	-	32.2
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	53	-	-	-	7	7	-	39	-	-	-	48.5
PAPER AND ALLIED PRODUCTS	125	-	6	3	31	24	18	14	17	12	-	34.7
OTHER NONDURABLE GOODS	312	13	28	37	15	56	55	64	21	23	-	35.8
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	948	7	70	95	140	179	175	138	68	61	15	34.5
METAL INDUSTRIES	254	-	6	13	34	57	55	19	36	24	10	37.4
MACHINERY, INCLUDING ELECTRICAL	141	-	7	24	6	6	36	36	7	14	5	41.5
TRANSPORTATION EQUIPMENT	116	-	35	23	17	14	3	19	5	-	-	25.0
OTHER DURABLE GOODS	437	7	22	35	83	102	81	64	20	23	-	33.5
NONMANUFACTURING INDUSTRIES	139	-	21	17	18	-	17	41	13	12	-	43.5
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	43	-	-	-	-	-	12	24	7	-	-	47.0
WHOLESALE AND RETAIL TRADE	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER INDUSTRIES	96	-	21	17	18	-	5	17	6	12	-	27.8
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	1 547	13	28	310	310	273	276	139	92	81	25	32.1
WELDERS AND CUTTERS	635	-	3	83	163	109	108	71	47	37	14	33.1
ASSEMBLERS	892	13	25	219	143	164	160	68	45	44	11	31.4
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	20	-	-	8	4	-	8	-	-	-	-	27.5
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	344	-	15	84	61	62	72	19	16	-	15	31.0
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	2 512	-	36	173	296	364	777	470	186	142	68	39.4
MOTOR VEHICLE OPERATORS	2 053	-	31	122	280	288	611	403	133	117	68	39.4
TRUCK DRIVERS AND DRIVER-SALES WORKERS	949	-	25	45	108	146	292	227	63	38	5	40.1
BUS DRIVERS	560	-	-	18	80	61	198	95	54	46	8	39.5
RAIL AND WATER TRANSPORTATION OCCUPATIONS	72	-	-	11	-	13	24	-	17	7	-	37.5
MATERIAL MOVING EQUIPMENT OPERATORS	387	-	5	40	16	63	142	67	36	18	-	39.8
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	28	-	-	-	-	7	-	21	-	-	-	47.3
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	2 190	161	221	343	386	204	408	269	143	49	6	29.8
CONSTRUCTION LABORERS	364	7	11	41	41	48	68	103	28	17	-	39.0
FREIGHT, STOCK, AND MATERIAL HANDLERS	675	75	86	129	90	40	129	72	37	17	-	27.6
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	68	-	22	6	17	8	-	15	-	-	-	26.8
HAND PACKERS AND PACKAGERS	273	31	31	22	32	55	68	27	7	-	-	31.9
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	236	10	20	23	49	19	33	14	47	15	6	34.2
LABORERS, EXCEPT CONSTRUCTION	574	38	51	122	157	34	110	38	24	-	-	27.4
MANUFACTURING	235	-	8	70	61	26	58	-	12	-	-	28.2
NONDURABLE GOODS	78	-	8	36	6	8	20	-	-	-	-	24.5
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	157	-	-	34	55	18	38	-	12	-	-	29.0
METAL INDUSTRIES	24	-	-	-	8	6	6	-	4	-	-	33.3
NONMANUFACTURING INDUSTRIES	339	38	43	52	96	8	52	38	12	-	-	26.9
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	101	9	-	20	29	-	37	-	6	-	-	28.7
WHOLESALE AND RETAIL TRADE	97	9	20	7	20	-	12	23	6	-	-	28.1
ALL OTHER INDUSTRIES	141	20	23	25	47	8	3	15	-	-	-	25.3

TABLE 221. OCCUPATION OF EMPLOYED PERSONS BY AGE, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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MASSACHUSETTS	TOTAL, 16 YEARS AND OVER	16 AND 17 YEARS	18 AND 19 YEARS	20 TO 24 YEARS	25 TO 29 YEARS	30 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 59 YEARS	60 TO 64 YEARS	65 YEARS AND OVER	MEDIAN AGE
BLACK												
EMPLOYED FEMALES 16 YEARS AND OVER	42 590	1 235	2 134	6 376	6 269	6 699	8 786	6 183	2 469	1 562	877	33.9
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	8 412	48	192	1 208	1 563	1 652	1 703	1 291	423	182	150	33.6
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	2 790	-	89	336	524	654	517	442	119	73	36	33.4
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	166	-	-	-	25	47	31	45	5	7	6	37.4
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	350	-	-	60	65	68	73	54	13	17	-	33.7
MANAGERS, MEDICINE AND HEALTH	109	-	-	-	25	19	31	23	11	-	-	40.7
OTHER SPECIFIED MANAGERS	273	-	7	31	22	84	92	23	14	-	-	34.6
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	788	-	61	88	185	156	104	116	37	17	24	31.9
MANUFACTURING	80	-	-	7	30	20	16	-	7	-	-	30.7
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	81	-	-	-	12	29	33	7	-	-	-	34.9
WHOLESALE AND RETAIL TRADE	95	-	8	33	24	16	-	6	8	-	-	26.4
ALL OTHER INDUSTRIES	532	-	53	48	119	91	55	103	22	17	24	32.3
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	16	-	-	-	-	7	9	-	-	-	-	40.6
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING	16	-	-	-	-	7	9	-	-	-	-	40.6
WHOLESALE AND RETAIL TRADE	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER INDUSTRIES	-	-	-	-	-	-	-	-	-	-	-	-
MANAGEMENT RELATED OCCUPATIONS	1 088	-	21	157	202	273	177	181	39	32	6	33.0
ACCOUNTANTS AND AUDITORS	323	-	-	109	52	63	44	28	12	9	6	30.0
BUYERS AND PURCHASING AGENTS	101	-	9	13	37	14	7	21	-	-	-	28.9
PROFESSIONAL SPECIALTY OCCUPATIONS	5 622	48	103	872	1 039	998	1 186	849	304	109	114	33.8
ENGINEERS, ARCHITECTS, AND SURVEYORS	50	-	-	6	19	14	-	11	-	-	-	30.0
ARCHITECTS	14	-	-	-	-	14	-	-	-	-	-	32.5
ENGINEERS	36	-	-	6	19	-	-	11	-	-	-	28.2
ELECTRICAL AND ELECTRONIC ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-
MECHANICAL ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER ENGINEERS	36	-	-	6	19	-	-	11	-	-	-	28.2
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	80	-	-	12	42	13	13	-	-	-	-	28.3
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	39	-	-	8	13	13	5	-	-	-	-	29.4
NATURAL SCIENTISTS	20	-	-	14	6	-	-	-	-	-	-	24.1
HEALTH DIAGNOSING OCCUPATIONS	64	-	-	-	8	10	40	-	-	6	-	37.8
PHYSICIANS	45	-	-	-	8	6	25	-	-	6	-	38.5
DENTISTS	19	-	-	-	-	4	15	-	-	-	-	36.8
OTHER HEALTH DIAGNOSING PRACTITIONERS	-	-	-	-	-	-	-	-	-	-	-	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	1 308	7	-	182	228	255	284	238	56	45	13	34.6
REGISTERED NURSES	991	-	-	94	127	222	242	200	48	45	13	37.5
PHARMACISTS	3	-	-	-	3	-	-	-	-	-	-	27.5
THERAPISTS	133	-	-	51	59	8	10	5	-	-	-	26.3
TEACHERS, LIBRARIANS, AND COUNSELORS	2 917	34	87	476	511	481	605	446	161	28	88	33.6
TEACHERS, POSTSECONDARY	309	-	3	47	50	78	52	63	16	-	-	33.5
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	1 506	12	24	204	288	236	343	261	69	22	47	34.8
TEACHERS, SECONDARY	294	-	5	50	71	34	55	44	24	6	5	33.1
SOCIAL SCIENTISTS AND URBAN PLANNERS	73	-	-	5	27	18	7	12	4	-	-	31.3
SOCIAL AND RECREATION WORKERS	774	7	16	118	131	96	175	117	83	25	6	35.9
RELIGIOUS WORKERS	16	-	-	-	6	-	5	-	-	5	-	42.0
LAWYERS AND JUDGES	86	-	-	7	11	57	4	-	-	-	7	32.2
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	234	-	-	52	50	54	53	25	-	-	-	31.4
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	16 964	709	1 160	3 397	2 838	3 032	3 006	1 591	665	403	163	30.6
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	1 551	-	39	178	167	298	416	236	105	96	16	37.3
HEALTH TECHNOLOGISTS AND TECHNICIANS	954	-	8	87	76	172	292	169	58	76	16	39.8
LICENSED PRACTICAL NURSES	544	-	8	20	23	90	148	122	51	66	16	44.1
ENGINEERING AND SCIENCE TECHNICIANS	256	-	23	37	28	45	27	46	36	14	-	34.4
ELECTRICAL AND ELECTRONIC TECHNICIANS	50	-	-	3	-	11	14	13	9	-	-	38.9
DRAFTING AND SURVEYING TECHNICIANS	47	-	10	8	13	6	-	-	10	-	-	27.1
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	341	-	8	54	63	81	97	21	11	6	-	32.8
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	129	-	-	34	18	32	39	-	-	6	-	32.0
SALES OCCUPATIONS	1 995	225	202	465	298	281	271	144	73	21	15	26.8
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	117	-	-	-	14	14	68	5	16	-	-	39.9
SELF-EMPLOYED	24	-	-	-	8	-	-	-	16	-	-	56.3
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	224	8	6	43	103	44	20	-	-	-	-	27.7
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	46	-	-	10	16	4	16	-	-	-	-	29.1
SALES WORKERS, RETAIL AND PERSONAL SERVICES	1 608	217	196	412	165	219	167	139	57	21	15	24.6
CASHIERS	673	124	128	168	68	68	50	47	20	-	-	21.9
SALES RELATED OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-

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BLACK												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	13 418	484	919	2 754	2 373	2 453	2 319	1 211	487	286	132	30.4
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	658	-	5	86	151	114	166	68	31	29	8	33.8
COMPUTER EQUIPMENT OPERATORS	294	-	-	54	37	50	118	20	15	-	-	35.3
SECRETARIES, STENOGRAPHERS, AND TYPISTS	3 844	163	257	786	762	751	612	341	90	54	28	29.7
SECRETARIES	2 766	106	124	542	561	584	477	270	40	34	28	30.4
RECEPTIONISTS	437	34	66	153	42	40	36	34	7	13	12	23.8
FILE CLERKS	566	85	78	129	62	108	68	24	-	12	-	24.4
FINANCIAL RECORDS PROCESSING OCCUPATIONS	990	11	18	184	263	208	181	95	15	8	7	30.5
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	692	-	-	142	166	163	99	92	15	8	7	31.2
TELEPHONE OPERATORS	265	-	6	19	38	58	82	23	13	16	10	39.4
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	406	35	47	31	47	74	69	52	23	26	2	32.9
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	273	6	26	-	30	85	36	42	30	18	-	34.4
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	229	-	15	26	95	41	22	30	-	-	-	28.9
BANK TELLERS	374	5	91	78	61	68	24	31	-	10	6	26.1
DATA-ENTRY KEYERS	921	-	88	189	178	252	141	48	17	8	-	30.1
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	4 161	145	222	1 019	607	604	764	403	246	92	59	30.7
SERVICE OCCUPATIONS	10 552	396	554	957	923	1 099	2 339	2 209	886	701	488	40.2
PRIVATE HOUSEHOLD OCCUPATIONS	776	6	24	18	27	32	103	159	100	110	197	55.9
PROTECTIVE SERVICE OCCUPATIONS	385	5	13	90	58	56	62	88	13	-	-	32.4
FIREFIGHTING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
POLICE AND DETECTIVES, PUBLIC SERVICE	84	-	-	6	16	37	25	-	-	-	-	32.7
GUARDS	273	5	13	78	31	8	37	88	13	-	-	35.2
OTHER PROTECTIVE SERVICE OCCUPATIONS	28	-	-	6	11	11	-	-	-	-	-	28.6
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	9 391	385	517	849	838	1 011	2 174	1 962	773	591	291	39.6
FOOD PREPARATION AND SERVICE OCCUPATIONS	1 340	160	212	142	97	49	232	235	112	41	60	35.4
WAITERS AND FOOD COUNTER WORKERS	393	77	48	78	41	8	84	28	10	12	7	24.5
COOKS	324	5	30	29	20	10	46	68	74	17	25	47.6
HEALTH SERVICE OCCUPATIONS	4 501	100	136	483	438	546	1 247	916	305	260	70	38.9
NURSING AIDES, ORDERLIES, AND ATTENDANTS	3 929	43	83	390	393	521	1 128	845	218	238	70	39.2
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	1 677	47	56	99	107	186	382	372	194	149	85	43.8
PERSONAL SERVICE OCCUPATIONS	1 873	78	113	125	196	230	313	439	162	141	76	41.0
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	176	-	-	8	24	19	32	34	15	21	23	49.2
FARMING, FORESTRY, AND FISHING OCCUPATIONS	32	-	17	5	3	-	-	7	-	-	-	19.9
FARM OPERATORS AND MANAGERS	-	-	-	-	-	-	-	-	-	-	-	-
FARM OCCUPATIONS, EXCEPT MANAGERIAL	5	-	-	5	-	-	-	-	-	-	-	21.0
RELATED AGRICULTURAL OCCUPATIONS	27	-	17	-	3	-	-	7	-	-	-	19.6
FORESTRY AND FISHING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	812	-	19	164	93	140	154	122	62	46	12	34.6
MECHANICS AND REPAIRERS	155	-	11	55	24	24	24	8	-	9	-	27.4
AUTOMOBILE MECHANICS, INCLUDING BODY	8	-	-	-	8	-	-	-	-	-	-	27.5
AIRCRAFT MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER MECHANICS AND REPAIRERS	147	-	11	55	16	24	24	8	-	9	-	27.3
CONSTRUCTION TRADES	32	-	8	8	4	-	-	-	5	7	-	23.0
CARPENTERS	4	-	-	-	4	-	-	-	-	-	-	27.5
ELECTRICIANS	-	-	-	-	-	-	-	-	-	-	-	-
PAINTERS, CONSTRUCTION AND MAINTENANCE	16	-	8	8	-	-	-	-	-	-	-	20.0
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER CONSTRUCTION TRADES	12	-	-	-	-	-	-	-	5	7	-	60.7
EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	625	-	-	101	65	116	130	114	57	30	12	37.7
SUPERVISORS, PRODUCTION OCCUPATIONS	269	-	-	26	13	73	50	52	38	17	-	39.0
MANUFACTURING	198	-	-	19	7	57	36	45	34	-	-	40.5
PRECISION METALWORKING OCCUPATIONS	89	-	-	20	25	10	14	20	-	-	-	29.9
TOOL AND DIE MAKERS	-	-	-	-	-	-	-	-	-	-	-	-
MACHINISTS	68	-	-	11	25	4	8	20	-	-	-	29.6
SHEET METAL WORKERS	6	-	-	-	-	6	-	-	-	-	-	32.5
OTHER PRECISION METAL WORKERS	15	-	-	9	-	-	6	-	-	-	-	21.7
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	53	-	-	-	-	-	11	23	13	6	-	49.8
PLANT AND SYSTEM OPERATORS	9	-	-	5	4	-	-	-	-	-	-	24.7
OTHER PRECISION PRODUCTION OCCUPATIONS	205	-	-	50	23	33	55	19	6	7	12	34.5

TABLE 221. OCCUPATION OF EMPLOYED PERSONS BY AGE, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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MASSACHUSETTS	TOTAL, 16 YEARS AND OVER	16 AND 17 YEARS	18 AND 19 YEARS	20 TO 24 YEARS	25 TO 29 YEARS	30 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 59 YEARS	60 TO 64 YEARS	65 YEARS AND OVER	MEDIAN AGE
BLACK												
OPERATORS, FABRICATORS, AND LABORERS	5 818	82	192	645	849	776	1 584	963	433	230	64	37.2
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	4 747	48	167	485	680	618	1 294	823	387	195	50	37.8
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	2 504	21	69	197	373	361	632	441	245	124	41	38.7
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	72	-	4	6	12	5	25	4	4	12	-	41.2
PRINTING MACHINE OPERATORS	47	-	6	10	17	5	9	-	-	-	-	27.2
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	934	12	11	54	112	83	234	164	148	75	41	43.3
TEXTILE MACHINE OPERATORS	25	-	-	-	-	13	2	10	-	-	-	34.8
TEXTILE SEWING MACHINE OPERATORS	562	6	-	48	84	33	121	113	100	36	21	44.1
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	142	-	7	6	5	37	34	7	17	29	-	38.3
OTHER SPECIFIED MACHINE OPERATORS	269	-	5	42	56	35	46	55	30	-	-	34.5
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	1 182	9	43	85	176	233	318	218	63	37	-	36.3
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	346	4	43	-	33	95	66	70	15	20	-	34.9
MACHINE OPERATORS, NOT SPECIFIED	836	5	-	85	143	138	252	148	48	17	-	36.6
INDUSTRY:												
MANUFACTURING	1 073	9	30	85	170	214	277	205	59	24	-	35.9
NONDURABLE GOODS	254	5	-	10	37	60	103	32	-	7	-	36.4
FOOD AND KINDRED PRODUCTS	7	-	-	-	-	-	7	-	-	-	-	42.5
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	6	-	-	-	-	-	-	6	-	-	-	47.5
PAPER AND ALLIED PRODUCTS	70	-	-	-	9	5	32	17	-	7	-	40.4
OTHER NONDURABLE GOODS	171	5	-	10	28	55	64	9	-	-	-	33.9
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	819	4	30	75	133	154	174	173	59	17	-	35.7
METAL INDUSTRIES	144	-	-	34	45	14	16	30	-	5	-	29.2
MACHINERY, INCLUDING ELECTRICAL	341	-	30	25	60	60	78	54	22	12	-	34.6
TRANSPORTATION EQUIPMENT	27	-	-	9	-	18	-	-	-	-	-	31.3
OTHER DURABLE GOODS	307	4	-	7	28	62	80	89	37	-	-	42.1
NONMANUFACTURING INDUSTRIES	109	-	13	-	6	19	41	13	4	13	-	40.5
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	13	-	-	-	-	5	8	-	-	-	-	40.9
WHOLESALE AND RETAIL TRADE	20	-	-	-	6	7	7	-	-	-	-	32.9
ALL OTHER INDUSTRIES	76	-	13	-	-	7	26	13	4	13	-	42.9
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	1 600	27	71	209	208	169	503	266	99	45	3	37.4
WELDERS AND CUTTERS	29	-	-	17	3	9	-	-	-	-	-	24.6
ASSEMBLERS	1 460	27	71	186	172	146	479	245	86	45	3	37.6
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	111	-	-	6	33	14	24	21	13	-	-	40.5
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	643	-	27	79	99	88	159	116	43	26	6	36.4
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	349	-	8	32	61	87	133	28	-	-	-	34.2
MOTOR VEHICLE OPERATORS	309	-	-	23	61	77	127	21	-	-	-	34.6
TRUCK DRIVERS AND DRIVER-SALES WORKERS	40	-	-	-	7	23	4	6	-	-	-	32.8
BUS DRIVERS	246	-	-	-	54	54	123	15	-	-	-	36.0
RAIL AND WATER TRANSPORTATION OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	40	-	8	9	-	10	6	7	-	-	-	31.5
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	7	-	-	-	-	-	-	7	-	-	-	52.5
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	722	34	17	128	108	71	157	112	46	35	14	35.2
CONSTRUCTION LABORERS	17	10	-	-	-	-	7	-	-	-	-	17.7
FREIGHT, STOCK, AND MATERIAL HANDLERS	136	18	6	20	-	11	24	39	-	10	8	40.8
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
HAND PACKERS AND PACKAGERS	422	-	11	99	78	30	89	67	34	14	-	33.8
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	38	-	-	-	6	10	-	-	5	11	6	58.0
LABORERS, EXCEPT CONSTRUCTION	109	6	-	9	24	20	37	6	7	-	-	33.9
MANUFACTURING	53	-	-	-	-	10	37	6	-	-	-	37.9
NONDURABLE GOODS	33	-	-	-	-	10	23	-	-	-	-	37.3
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	20	-	-	-	-	-	14	6	-	-	-	38.6
METAL INDUSTRIES	6	-	-	-	-	-	6	-	-	-	-	37.5
NONMANUFACTURING INDUSTRIES	56	6	-	9	24	10	-	-	7	-	-	27.7
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	5	-	-	5	-	-	-	-	-	-	-	23.5
WHOLESALE AND RETAIL TRADE	26	-	-	4	16	6	-	-	-	-	-	27.8
ALL OTHER INDUSTRIES	25	6	-	-	8	4	-	-	7	-	-	29.1

TABLE 221. OCCUPATION OF EMPLOYED PERSONS BY AGE, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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MASSACHUSETTS	TOTAL, 16 YEARS AND OVER	16 AND 17 YEARS	18 AND 19 YEARS	20 TO 24 YEARS	25 TO 29 YEARS	30 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 59 YEARS	60 TO 64 YEARS	65 YEARS AND OVER	MEDIAN AGE
ASIAN AND PACIFIC ISLANDER												
EMPLOYED MALES 16 YEARS AND OVER	12 755	267	428	1 428	2 089	2 474	3 059	1 755	736	293	226	34.4
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	5 485	5	66	428	879	1 357	1 695	739	223	81	12	35.0
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	1 639	-	30	140	280	308	442	288	105	46	-	36.3
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	32	-	-	-	-	6	14	12	-	-	-	42.1
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	69	-	5	6	8	16	17	17	-	-	-	34.8
MANAGERS, MEDICINE AND HEALTH	11	-	-	-	-	-	11	-	-	-	-	39.6
OTHER SPECIFIED MANAGERS	109	-	9	7	9	39	26	19	-	-	-	33.8
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	999	-	9	72	183	167	285	171	72	40	-	37.3
MANUFACTURING	221	-	-	-	18	80	78	22	18	5	-	36.1
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	13	-	-	-	7	-	6	-	-	-	-	29.6
WHOLESALE AND RETAIL TRADE	418	-	9	12	68	38	132	101	31	27	-	41.2
ALL OTHER INDUSTRIES	347	-	-	60	90	49	69	48	23	8	-	32.4
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	78	-	-	6	-	7	21	22	22	-	-	46.9
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	59	-	-	6	-	7	13	11	22	-	-	47.5
ALL OTHER INDUSTRIES	19	-	-	-	-	-	8	11	-	-	-	46.3
MANAGEMENT RELATED OCCUPATIONS	341	-	7	49	80	73	68	47	11	6	-	32.4
ACCOUNTANTS AND AUDITORS	164	-	7	32	43	37	27	18	-	-	-	30.0
BUYERS AND PURCHASING AGENTS	28	-	-	-	6	7	-	-	9	6	-	55.6
PROFESSIONAL SPECIALTY OCCUPATIONS	3 846	5	36	288	599	1 049	1 253	451	118	35	12	34.7
ENGINEERS, ARCHITECTS, AND SURVEYORS	1 292	-	-	101	287	319	407	118	37	23	-	34.0
ARCHITECTS	53	-	-	-	10	6	28	9	-	-	-	38.3
ENGINEERS	1 239	-	-	101	277	313	379	109	37	23	-	33.9
ELECTRICAL AND ELECTRONIC ENGINEERS	425	-	-	44	102	137	73	47	9	13	-	32.4
MECHANICAL ENGINEERS	160	-	-	-	6	67	71	-	6	10	-	36.0
OTHER ENGINEERS	654	-	-	57	169	109	235	62	22	-	-	34.6
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	237	-	6	27	49	70	70	15	-	-	-	32.6
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	156	-	6	19	34	53	29	15	-	-	-	31.8
NATURAL SCIENTISTS	331	-	-	17	15	87	171	30	11	-	-	37.7
HEALTH DIAGNOSING OCCUPATIONS	762	-	-	-	66	233	307	133	16	7	-	37.7
PHYSICIANS	700	-	-	-	66	207	283	121	16	7	-	37.8
DENTISTS	41	-	-	-	-	19	10	12	-	-	-	36.3
OTHER HEALTH DIAGNOSING PRACTITIONERS	21	-	-	-	-	7	14	-	-	-	-	37.5
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	72	-	-	27	11	27	7	-	-	-	-	29.1
REGISTERED NURSES	3	-	-	3	-	-	-	-	-	-	-	23.5
PHARMACISTS	36	-	-	18	-	11	7	-	-	-	-	27.0
THERAPISTS	17	-	-	-	11	6	-	-	-	-	-	28.9
TEACHERS, LIBRARIANS, AND COUNSELORS	770	-	17	81	101	206	185	132	41	-	7	34.5
TEACHERS, POSTSECONDARY	535	-	7	72	73	129	118	105	24	-	7	34.5
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	80	-	3	-	-	34	25	18	-	-	-	36.4
TEACHERS, SECONDARY	25	-	-	-	7	7	-	5	6	-	-	33.9
SOCIAL SCIENTISTS AND URBAN PLANNERS	109	-	-	-	19	45	22	13	10	-	-	33.9
SOCIAL AND RECREATION WORKERS	13	-	-	8	5	-	-	-	-	-	-	24.4
RELIGIOUS WORKERS	30	5	-	-	5	-	15	-	-	5	-	41.7
LAWYERS AND JUDGES	25	-	-	-	8	5	12	-	-	-	-	34.5
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	205	-	13	27	33	57	57	10	3	-	5	32.6
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	2 625	107	145	467	489	488	530	222	107	37	33	31.1
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	1 352	11	41	189	297	332	312	106	44	14	6	32.1
HEALTH TECHNOLOGISTS AND TECHNICIANS	182	-	-	54	31	24	58	15	-	-	-	31.3
LICENSED PRACTICAL NURSES	7	-	-	7	-	-	-	-	-	-	-	23.5
ENGINEERING AND SCIENCE TECHNICIANS	428	-	13	41	114	74	113	55	10	8	-	33.1
ELECTRICAL AND ELECTRONIC TECHNICIANS	171	-	-	5	53	10	65	28	10	-	-	37.2
DRAFTING AND SURVEYING TECHNICIANS	143	-	13	-	25	51	34	12	-	8	-	33.3
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	742	11	28	94	152	234	141	36	34	6	6	31.8
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	290	11	12	46	96	77	31	-	17	-	-	29.0
SALES OCCUPATIONS	501	31	26	64	57	70	142	59	31	-	21	35.2
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	170	-	-	15	29	14	70	20	16	-	6	38.3
SELF-EMPLOYED	61	-	-	-	-	-	27	20	14	-	-	46.3
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	62	-	-	6	-	15	33	8	-	-	-	37.8
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	37	6	7	-	7	-	5	7	5	-	-	28.9
SALES WORKERS, RETAIL AND PERSONAL SERVICES	232	25	19	43	21	41	34	24	10	-	15	31.0
CASHIERS	115	17	12	19	7	12	11	12	10	-	15	31.0
SALES RELATED OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-

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ASIAN AND PACIFIC ISLANDER												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	772	65	78	214	135	86	76	57	32	23	6	26.1
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	88	-	-	-	43	-	34	11	-	-	-	35.2
COMPUTER EQUIPMENT OPERATORS	74	-	-	16	25	29	4	-	-	-	-	29.2
SECRETARIES, STENOGRAPHERS, AND TYPISTS	62	16	15	5	-	-	-	16	4	6	-	20.0
SECRETARIES	32	-	6	-	-	-	-	16	4	6	-	50.7
RECEPTIONISTS	9	9	-	-	-	-	-	-	-	-	-	17.0
FILE CLERKS	29	-	6	17	6	-	-	-	-	-	-	23.5
FINANCIAL RECORDS PROCESSING OCCUPATIONS	71	-	-	-	14	5	11	6	18	11	6	49.6
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	71	-	-	-	14	5	11	6	18	11	6	49.6
TELEPHONE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	21	-	-	21	-	-	-	-	-	-	-	23.5
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	59	9	-	33	11	6	-	-	-	-	-	22.3
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	3	-	-	-	-	-	3	-	-	-	-	42.5
BANK TELLERS	20	-	-	12	8	-	-	-	-	-	-	24.5
DATA-ENTRY KEYERS	13	-	-	-	-	7	-	6	-	-	-	34.6
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	323	31	57	110	28	39	24	18	10	6	-	23.0
SERVICE OCCUPATIONS	3 067	105	141	272	407	377	556	605	331	144	129	40.7
PRIVATE HOUSEHOLD OCCUPATIONS	30	-	-	-	-	-	-	6	11	5	8	59.1
PROTECTIVE SERVICE OCCUPATIONS	87	7	-	29	17	16	9	-	9	-	-	27.2
FIREFIGHTING OCCUPATIONS	15	-	-	-	10	5	-	-	-	-	-	28.8
POLICE AND DETECTIVES, PUBLIC SERVICE	15	-	-	10	-	5	-	-	-	-	-	24.3
GUARDS	57	7	-	19	7	6	9	-	9	-	-	26.8
OTHER PROTECTIVE SERVICE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	2 950	98	141	243	390	361	547	599	311	139	121	40.9
FOOD PREPARATION AND SERVICE OCCUPATIONS	2 573	44	95	193	357	336	482	572	270	108	116	41.9
WAITERS AND FOOD COUNTER WORKERS	499	10	7	41	123	91	98	68	29	22	10	33.8
COOKS	1 207	5	46	43	131	127	277	338	142	38	60	44.3
HEALTH SERVICE OCCUPATIONS	76	17	7	-	19	-	19	5	4	5	-	28.7
NURSING AIDES, ORDERLIES, AND ATTENDANTS	48	-	7	-	13	-	19	-	4	5	-	36.1
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	212	22	31	37	6	10	33	22	20	26	5	35.0
PERSONAL SERVICE OCCUPATIONS	89	15	8	13	8	15	13	-	17	-	-	30.2
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	-	-	-	-	-	-	-	-	-	-	-	-
FARMING, FORESTRY, AND FISHING OCCUPATIONS	35	-	-	8	10	17	-	-	-	-	-	29.7
FARM OPERATORS AND MANAGERS	7	-	-	-	-	7	-	-	-	-	-	32.5
FARM OCCUPATIONS, EXCEPT MANAGERIAL	-	-	-	-	-	-	-	-	-	-	-	-
RELATED AGRICULTURAL OCCUPATIONS	28	-	-	8	10	10	-	-	-	-	-	28.0
FORESTRY AND FISHING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	634	21	15	77	150	91	103	104	45	23	5	33.0
MECHANICS AND REPAIRERS	185	8	-	22	80	18	11	27	11	8	-	28.9
AUTOMOBILE MECHANICS, INCLUDING BODY	56	8	-	-	37	5	-	6	-	-	-	27.7
AIRCRAFT MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER MECHANICS AND REPAIRERS	129	-	-	22	43	13	11	21	11	8	-	29.9
CONSTRUCTION TRADES	96	6	-	29	5	15	6	25	5	-	5	32.7
CARPENTERS	14	-	-	-	-	-	-	14	-	-	-	50.0
ELECTRICIANS	19	-	-	-	-	8	6	-	5	-	-	36.3
PAINTERS, CONSTRUCTION AND MAINTENANCE	17	6	-	6	-	-	-	-	-	-	5	23.2
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	15	-	-	5	5	-	-	5	-	-	-	27.5
OTHER CONSTRUCTION TRADES	31	-	-	18	-	7	-	6	-	-	-	24.6
EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	353	7	15	26	65	58	86	52	29	15	-	35.8
SUPERVISORS, PRODUCTION OCCUPATIONS	120	-	7	-	18	26	37	20	12	-	-	37.0
MANUFACTURING	80	-	-	-	13	11	30	20	6	-	-	38.6
PRECISION METALWORKING OCCUPATIONS	128	7	8	14	26	6	31	21	9	6	-	36.3
TOOL AND DIE MAKERS	2	-	-	2	-	-	-	-	-	-	-	23.5
MACHINISTS	107	7	8	6	26	6	31	13	4	6	-	35.2
SHEET METAL WORKERS	8	-	-	-	-	-	-	8	-	-	-	47.5
OTHER PRECISION METAL WORKERS	11	-	-	6	-	-	-	-	5	-	-	24.7
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	28	-	-	12	-	7	-	-	-	9	-	31.4
PLANT AND SYSTEM OPERATORS	33	-	-	-	6	5	18	4	-	-	-	41.5
OTHER PRECISION PRODUCTION OCCUPATIONS	44	-	-	-	15	14	-	7	8	-	-	32.5

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ASIAN AND PACIFIC ISLANDER												
OPERATORS, FABRICATORS, AND LABORERS	909	29	61	176	154	144	175	85	30	8	47	31.2
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	614	-	22	87	122	128	157	52	13	8	25	33.0
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	400	-	-	52	92	92	96	35	7	8	18	33.0
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	26	-	-	-	10	6	2	-	-	8	-	32.5
PRINTING MACHINE OPERATORS	56	-	-	17	7	-	21	11	-	-	-	36.3
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	93	-	-	-	13	37	-	18	7	-	18	34.5
TEXTILE MACHINE OPERATORS	27	-	-	-	6	8	-	-	7	-	6	34.7
TEXTILE SEWING MACHINE OPERATORS	4	-	-	-	-	4	-	-	-	-	-	32.5
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	30	-	-	-	-	-	-	18	-	-	12	53.8
OTHER SPECIFIED MACHINE OPERATORS	78	-	-	-	25	13	40	-	-	-	-	35.2
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	147	-	-	35	37	36	33	6	-	-	-	30.2
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	46	-	-	13	-	19	14	-	-	-	-	32.6
MACHINE OPERATORS, NOT SPECIFIED	101	-	-	22	37	17	19	6	-	-	-	28.9
INDUSTRY:												
MANUFACTURING	124	-	-	35	31	36	16	6	-	-	-	29.4
NONDURABLE GOODS	40	-	-	14	8	7	11	-	-	-	-	28.8
FOOD AND KINDRED PRODUCTS	-	-	-	-	-	-	-	-	-	-	-	-
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	8	-	-	-	8	-	-	-	-	-	-	27.5
PAPER AND ALLIED PRODUCTS	7	-	-	-	-	7	-	-	-	-	-	32.5
OTHER NONDURABLE GOODS	25	-	-	14	-	-	11	-	-	-	-	24.4
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	84	-	-	21	23	29	5	6	-	-	-	29.6
METAL INDUSTRIES	5	-	-	-	-	-	5	-	-	-	-	37.5
MACHINERY, INCLUDING ELECTRICAL	50	-	-	21	7	22	-	-	-	-	-	27.9
TRANSPORTATION EQUIPMENT	13	-	-	-	7	-	-	6	-	-	-	29.6
OTHER DURABLE GOODS	16	-	-	-	9	7	-	-	-	-	-	29.4
NONMANUFACTURING INDUSTRIES	23	-	-	-	6	-	17	-	-	-	-	38.4
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	9	-	-	-	-	-	9	-	-	-	-	42.5
WHOLESALE AND RETAIL TRADE	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER INDUSTRIES	14	-	-	-	6	-	8	-	-	-	-	35.6
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	156	-	17	23	21	23	53	12	-	-	7	33.7
WELDERS AND CUTTERS	37	-	-	-	-	12	25	-	-	-	-	37.7
ASSEMBLERS	107	-	17	23	21	5	28	6	-	-	7	28.2
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	12	-	-	-	-	6	-	6	-	-	-	40.0
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	58	-	5	12	9	13	8	5	6	-	-	31.2
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	136	11	22	48	17	-	7	7	9	-	15	23.6
MOTOR VEHICLE OPERATORS	124	11	22	48	11	-	7	7	9	-	9	23.0
TRUCK DRIVERS AND DRIVER-SALES WORKERS	96	11	17	34	11	-	7	7	9	-	-	23.5
BUS DRIVERS	-	-	-	-	-	-	-	-	-	-	-	-
RAIL AND WATER TRANSPORTATION OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	12	-	-	-	6	-	-	-	-	-	6	47.0
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	159	18	17	41	15	16	11	26	8	-	7	26.2
CONSTRUCTION LABORERS	17	-	6	-	3	8	-	-	-	-	-	29.2
FREIGHT, STOCK, AND MATERIAL HANDLERS	51	6	6	20	5	-	7	-	-	-	7	23.2
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	20	7	-	8	-	-	-	5	-	-	-	23.1
HAND PACKERS AND PACKAGERS	24	-	-	-	-	8	-	8	8	-	-	52.5
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	15	-	-	8	7	-	-	-	-	-	-	21.9
LABORERS, EXCEPT CONSTRUCTION	32	5	5	5	-	-	4	13	-	-	-	41.3
MANUFACTURING	5	-	5	-	-	-	-	-	-	-	-	19.0
NONDURABLE GOODS	5	-	5	-	-	-	-	-	-	-	-	19.0
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	-	-	-	-	-	-	-	-	-	-	-	-
METAL INDUSTRIES	-	-	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING INDUSTRIES	27	5	-	5	-	-	4	13	-	-	-	44.4
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER INDUSTRIES	27	5	-	5	-	-	4	13	-	-	-	44.4

TABLE 221. OCCUPATION OF EMPLOYED PERSONS BY AGE, 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	TOTAL, 16 YEARS AND OVER	16 AND 17 YEARS	18 AND 19 YEARS	20 TO 24 YEARS	25 TO 29 YEARS	30 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 59 YEARS	60 TO 64 YEARS	65 YEARS AND OVER	MEDIAN AGE
ASIAN AND PACIFIC ISLANDER												
EMPLOYED FEMALES 16 YEARS AND OVER	10 729	238	460	1 493	1 898	1 784	2 336	1 633	402	295	190	33.6
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	2 816	19	30	376	674	597	671	298	76	54	21	32.6
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	919	6	12	166	261	155	125	102	58	19	15	30.5
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	42	-	5	29	-	-	8	-	-	-	-	23.7
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	54	-	-	9	17	8	6	-	14	-	-	30.6
MANAGERS, MEDICINE AND HEALTH	6	-	-	-	-	6	-	-	-	-	-	32.5
OTHER SPECIFIED MANAGERS	43	-	-	10	7	7	-	11	8	-	-	33.2
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	378	6	7	69	78	58	57	61	21	13	8	32.5
MANUFACTURING	34	-	-	-	13	-	21	-	-	-	-	36.0
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	122	-	-	6	13	23	6	32	21	13	8	51.2
ALL OTHER INDUSTRIES	222	6	7	63	52	35	30	29	-	-	-	28.4
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	32	-	-	-	-	-	15	15	2	-	-	50.3
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	32	-	-	-	-	-	15	15	2	-	-	50.3
ALL OTHER INDUSTRIES	-	-	-	-	-	-	-	-	-	-	-	-
MANAGEMENT RELATED OCCUPATIONS	364	-	-	49	159	76	39	15	13	6	7	29.2
ACCOUNTANTS AND AUDITORS	219	-	-	30	97	42	24	13	13	-	-	29.1
BUYERS AND PURCHASING AGENTS	14	-	-	-	-	-	6	-	-	1	7	65.0
PROFESSIONAL SPECIALTY OCCUPATIONS	1 897	13	18	210	413	442	546	196	18	35	6	33.3
ENGINEERS, ARCHITECTS, AND SURVEYORS	48	-	-	-	22	14	12	-	-	-	-	30.7
ARCHITECTS	8	-	-	-	-	8	-	-	-	-	-	32.5
ENGINEERS	40	-	-	-	22	6	12	-	-	-	-	29.5
ELECTRICAL AND ELECTRONIC ENGINEERS	7	-	-	-	7	-	-	-	-	-	-	27.5
MECHANICAL ENGINEERS	6	-	-	-	6	-	-	-	-	-	-	27.5
OTHER ENGINEERS	27	-	-	-	9	6	12	-	-	-	-	33.8
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	50	-	-	10	24	2	14	-	-	-	-	28.1
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	28	-	-	-	12	2	14	-	-	-	-	35.0
NATURAL SCIENTISTS	149	-	-	8	42	24	51	17	-	7	-	35.1
HEALTH DIAGNOSING OCCUPATIONS	315	-	-	5	47	84	138	38	3	-	-	36.5
PHYSICIANS	295	-	-	5	47	84	124	32	3	-	-	35.8
DENTISTS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER HEALTH DIAGNOSING PRACTITIONERS	20	-	-	-	-	-	14	6	-	-	-	43.6
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	453	-	-	36	111	139	110	48	3	6	-	32.9
REGISTERED NURSES	326	-	-	22	62	105	86	42	3	6	-	33.8
PHARMACISTS	11	-	-	-	-	4	7	-	-	-	-	41.1
THERAPISTS	40	-	-	5	22	6	7	-	-	-	-	28.4
TEACHERS, LIBRARIANS, AND COUNSELORS	624	13	18	85	127	134	147	72	6	16	6	32.6
TEACHERS, POSTSECONDARY	198	13	-	21	52	43	53	16	-	-	-	31.5
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	206	-	-	28	41	69	40	12	-	16	-	32.5
TEACHERS, SECONDARY	29	-	-	5	-	-	7	17	-	-	-	46.3
SOCIAL SCIENTISTS AND URBAN PLANNERS	31	-	-	-	-	9	10	6	-	6	-	38.2
SOCIAL AND RECREATION WORKERS	97	-	-	16	28	11	36	-	6	-	-	32.0
RELIGIOUS WORKERS	13	-	-	6	-	-	7	-	-	-	-	40.4
LAWYERS AND JUDGES	-	-	-	-	-	-	-	-	-	-	-	-
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	117	-	-	44	12	25	21	15	-	-	-	30.5
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	3 469	131	220	725	615	580	722	284	87	45	60	30.4
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	666	20	10	99	155	126	187	45	12	12	-	31.9
HEALTH TECHNOLOGISTS AND TECHNICIANS	271	-	5	39	40	64	70	29	12	12	-	34.0
LICENSED PRACTICAL NURSES	69	-	-	-	17	16	19	5	6	6	-	35.4
ENGINEERING AND SCIENCE TECHNICIANS	91	13	5	15	27	6	19	6	-	-	-	27.3
ELECTRICAL AND ELECTRONIC TECHNICIANS	23	-	-	-	-	6	11	6	-	-	-	37.5
DRAFTING AND SURVEYING TECHNICIANS	42	13	5	8	16	-	-	-	-	-	-	20.8
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	304	7	-	45	88	56	98	10	-	-	-	31.1
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	121	-	-	28	42	33	18	-	-	-	-	28.9
SALES OCCUPATIONS	716	59	61	140	112	106	149	50	16	4	19	29.4
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	47	-	-	-	5	1	41	-	-	-	-	41.9
SELF-EMPLOYED	28	-	-	-	5	1	22	-	-	-	-	41.8
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	94	7	6	14	8	34	19	-	-	-	6	31.8
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	24	-	-	-	6	9	9	-	-	-	-	33.3
SALES WORKERS, RETAIL AND PERSONAL SERVICES	542	52	55	126	93	62	80	50	11	-	13	27.0
CASHIERS	318	45	49	67	38	23	55	30	11	-	-	24.0
SALES RELATED OCCUPATIONS	9	-	-	-	-	-	-	-	5	4	-	59.5

TABLE 221. OCCUPATION OF EMPLOYED PERSONS BY AGE, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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MASSACHUSETTS	TOTAL, 16 YEARS AND OVER	16 AND 17 YEARS	18 AND 19 YEARS	20 TO 24 YEARS	25 TO 29 YEARS	30 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 59 YEARS	60 TO 64 YEARS	65 YEARS AND OVER	MEDIAN AGE
ASIAN AND PACIFIC ISLANDER												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	2 087	52	149	486	348	348	386	189	59	29	41	30.1
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	54	-	-	17	13	10	14	-	-	-	-	28.8
COMPUTER EQUIPMENT OPERATORS	70	-	-	15	18	12	17	8	-	-	-	30.8
SECRETARIES, STENOGRAPHERS, AND TYPISTS	513	10	17	118	122	83	58	46	19	12	28	29.6
SECRETARIES	396	5	-	94	99	67	51	34	19	6	21	30.0
RECEPTIONISTS	63	11	22	24	-	-	6	-	-	-	-	19.9
FILE CLERKS	64	7	7	22	-	9	13	6	-	-	-	24.2
FINANCIAL RECORDS PROCESSING OCCUPATIONS	280	-	3	39	58	97	53	22	8	-	-	32.1
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	246	-	3	28	58	86	41	22	8	-	-	32.0
TELEPHONE OPERATORS	14	-	14	-	-	-	-	-	-	-	-	19.0
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	26	-	13	7	-	-	6	-	-	-	-	20.0
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	33	-	-	-	20	13	-	-	-	-	-	29.1
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	12	-	-	-	7	5	-	-	-	-	-	29.3
BANK TELLERS	106	-	11	55	9	12	8	11	-	-	-	23.8
DATA-ENTRY KEYERS	152	-	7	21	16	31	52	25	-	-	-	35.2
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	700	24	55	168	85	76	159	71	32	17	13	31.2
SERVICE OCCUPATIONS	1 434	66	178	228	221	195	263	189	19	48	27	30.6
PRIVATE HOUSEHOLD OCCUPATIONS	85	13	-	20	12	8	10	12	-	-	10	29.0
PROTECTIVE SERVICE OCCUPATIONS	14	-	-	9	-	-	-	5	-	-	-	23.5
FIREFIGHTING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
POLICE AND DETECTIVES, PUBLIC SERVICE	-	-	-	-	-	-	-	-	-	-	-	-
GUARDS	14	-	-	9	-	-	-	5	-	-	-	23.5
OTHER PROTECTIVE SERVICE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	1 335	53	178	199	209	187	253	172	19	48	17	30.8
FOOD PREPARATION AND SERVICE OCCUPATIONS	661	24	124	89	78	71	156	82	8	22	7	31.1
WAITERS AND FOOD COUNTER WORKERS	311	17	59	53	44	36	79	16	-	-	7	28.0
COOKS	117	7	19	-	17	13	37	7	8	9	-	36.0
HEALTH SERVICE OCCUPATIONS	363	9	44	60	76	69	52	38	4	11	-	29.5
NURSING AIDES, ORDERLIES, AND ATTENDANTS	304	5	34	44	69	62	37	38	4	11	-	30.0
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	56	4	-	-	2	5	20	19	-	-	6	43.8
PERSONAL SERVICE OCCUPATIONS	255	16	10	50	53	42	25	33	7	15	4	29.9
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	70	-	-	24	8	7	9	14	-	8	-	32.1
FARMING, FORESTRY, AND FISHING OCCUPATIONS	4	-	-	-	-	-	4	-	-	-	-	42.5
FARM OPERATORS AND MANAGERS	-	-	-	-	-	-	-	-	-	-	-	-
FARM OCCUPATIONS, EXCEPT MANAGERIAL	4	-	-	-	-	-	4	-	-	-	-	42.5
RELATED AGRICULTURAL OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
FORESTRY AND FISHING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	362	10	11	32	80	81	85	32	14	3	14	33.0
MECHANICS AND REPAIRERS	20	-	-	7	13	-	-	-	-	-	-	26.2
AUTOMOBILE MECHANICS, INCLUDING BODY	-	-	-	-	-	-	-	-	-	-	-	-
AIRCRAFT MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER MECHANICS AND REPAIRERS	20	-	-	7	13	-	-	-	-	-	-	26.2
CONSTRUCTION TRADES	13	-	-	7	-	-	-	6	-	-	-	21.9
CARPENTERS	-	-	-	-	-	-	-	-	-	-	-	-
ELECTRICIANS	-	-	-	-	-	-	-	-	-	-	-	-
PAINTERS, CONSTRUCTION AND MAINTENANCE	13	-	-	7	-	-	-	6	-	-	-	21.9
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER CONSTRUCTION TRADES	-	-	-	-	-	-	-	-	-	-	-	-
EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	329	10	11	18	67	81	85	26	14	3	14	33.6
SUPERVISORS, PRODUCTION OCCUPATIONS	79	10	-	-	-	30	16	17	6	-	-	34.9
MANUFACTURING	45	-	-	-	-	19	16	4	6	-	-	41.1
PRECISION METALWORKING OCCUPATIONS	10	-	-	-	-	7	3	-	-	-	-	33.6
TOOL AND DIE MAKERS	-	-	-	-	-	-	-	-	-	-	-	-
MACHINISTS	10	-	-	-	-	7	3	-	-	-	-	33.6
SHEET METAL WORKERS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER PRECISION METAL WORKERS	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	66	-	-	-	25	5	19	-	-	3	14	36.5
PLANT AND SYSTEM OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER PRECISION PRODUCTION OCCUPATIONS	174	-	11	18	42	39	47	9	8	-	-	32.1

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MASSACHUSETTS	TOTAL, 16 YEARS AND OVER	16 AND 17 YEARS	18 AND 19 YEARS	20 TO 24 YEARS	25 TO 29 YEARS	30 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 59 YEARS	60 TO 64 YEARS	65 YEARS AND OVER	MEDIAN AGE
ASIAN AND PACIFIC ISLANDER												
OPERATORS, FABRICATORS, AND LABORERS	2 644	12	21	132	308	331	591	830	206	145	68	43.8
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	2 466	12	16	108	281	315	542	789	199	136	68	44.3
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	1 819	-	16	76	168	199	370	622	178	136	54	46.2
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	13	-	-	-	-	-	8	5	-	-	-	44.1
PRINTING MACHINE OPERATORS	28	-	-	24	-	-	4	-	-	-	-	21.6
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	1 478	-	-	33	112	161	305	532	157	136	42	47.2
TEXTILE MACHINE OPERATORS	19	-	-	-	6	13	-	-	-	-	-	31.3
TEXTILE SEWING MACHINE OPERATORS	1 360	-	-	24	103	123	290	516	152	122	30	47.5
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	33	-	-	3	-	20	-	-	5	-	5	33.4
OTHER SPECIFIED MACHINE OPERATORS	102	-	13	5	16	12	10	39	7	-	-	42.5
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	198	-	3	14	40	26	43	46	14	-	12	36.9
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	41	-	-	7	5	7	8	8	-	-	6	35.9
MACHINE OPERATORS, NOT SPECIFIED	157	-	3	7	35	19	35	38	14	-	6	37.1
INDUSTRY:												
MANUFACTURING	191	-	3	7	40	26	43	46	14	-	12	37.3
NONDURABLE GOODS	86	-	3	-	7	18	31	13	8	-	6	37.4
FOOD AND KINDRED PRODUCTS	-	-	-	-	-	-	-	-	-	-	-	-
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	20	-	-	-	-	-	6	-	8	-	6	57.5
PAPER AND ALLIED PRODUCTS	35	-	3	-	7	6	12	7	-	-	-	35.6
OTHER NONDURABLE GOODS	31	-	-	-	-	12	13	6	-	-	-	36.3
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	105	-	-	7	33	8	12	33	6	-	6	36.9
METAL INDUSTRIES	-	-	-	-	-	-	-	-	-	-	-	-
MACHINERY, INCLUDING ELECTRICAL	71	-	-	7	28	-	12	12	6	-	6	35.2
TRANSPORTATION EQUIPMENT	-	-	-	-	-	-	-	-	-	-	-	-
OTHER DURABLE GOODS	34	-	-	-	5	8	-	21	-	-	-	48.3
NONMANUFACTURING INDUSTRIES	7	-	-	7	-	-	-	-	-	-	-	21.0
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	7	-	-	7	-	-	-	-	-	-	-	21.0
ALL OTHER INDUSTRIES	-	-	-	-	-	-	-	-	-	-	-	-
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	492	12	-	25	85	65	128	142	21	-	14	38.6
WELDERS AND CUTTERS	18	-	-	-	-	-	-	12	6	-	-	48.8
ASSEMBLERS	433	12	-	25	79	65	120	117	15	-	-	37.4
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	41	-	-	-	6	-	8	13	-	-	14	50.4
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	155	-	-	7	28	51	44	25	-	-	-	34.2
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	24	-	-	5	-	-	12	7	-	-	-	40.8
MOTOR VEHICLE OPERATORS	11	-	-	5	-	-	6	-	-	-	-	40.4
TRUCK DRIVERS AND DRIVER-SALES WORKERS	-	-	-	-	-	-	-	-	-	-	-	-
BUS DRIVERS	11	-	-	5	-	-	6	-	-	-	-	40.4
RAIL AND WATER TRANSPORTATION OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	13	-	-	-	-	-	6	7	-	-	-	45.4
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	154	-	5	19	27	16	37	34	7	9	-	38.6
CONSTRUCTION LABORERS	-	-	-	-	-	-	-	-	-	-	-	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	34	-	-	5	12	-	17	-	-	-	-	32.0
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
HAND PACKERS AND PACKAGERS	76	-	-	14	15	16	-	15	7	9	-	32.8
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	30	-	5	-	-	-	16	9	-	-	-	43.1
LABORERS, EXCEPT CONSTRUCTION	14	-	-	-	-	-	4	10	-	-	-	48.0
MANUFACTURING	5	-	-	-	-	-	-	5	-	-	-	47.5
NONDURABLE GOODS	5	-	-	-	-	-	-	5	-	-	-	47.5
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	-	-	-	-	-	-	-	-	-	-	-	-
METAL INDUSTRIES	-	-	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING INDUSTRIES	9	-	-	-	-	-	4	5	-	-	-	50.5
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	5	-	-	-	-	-	-	5	-	-	-	52.5
ALL OTHER INDUSTRIES	4	-	-	-	-	-	4	-	-	-	-	37.5

TABLE 221. OCCUPATION OF EMPLOYED PERSONS BY AGE, 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	TOTAL, 16 YEARS AND OVER	16 AND 17 YEARS	18 AND 19 YEARS	20 TO 24 YEARS	25 TO 29 YEARS	30 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 59 YEARS	60 TO 64 YEARS	65 YEARS AND OVER	MEDIAN AGE
SPANISH ORIGIN												
EMPLOYED MALES 16 YEARS AND OVER	25 376	749	1 467	4 386	4 698	3 963	5 026	2 986	1 109	658	334	31.8
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	4 028	44	12	450	919	719	961	559	227	80	57	34.1
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	1 464	12	-	190	223	184	437	268	107	33	10	36.9
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	96	-	-	-	-	11	39	27	13	6	-	44.3
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	84	-	-	9	16	-	31	28	-	-	-	37.7
MANAGERS, MEDICINE AND HEALTH	14	-	-	-	-	-	6	-	8	-	-	55.6
OTHER SPECIFIED MANAGERS	211	-	-	14	43	22	45	52	30	5	-	39.4
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	637	12	-	103	100	114	168	95	29	16	-	34.5
MANUFACTURING	138	-	-	7	4	20	50	38	14	5	-	42.0
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	65	-	-	12	17	11	11	6	8	-	-	31.6
WHOLESALE AND RETAIL TRADE	152	-	-	26	25	28	45	26	-	2	-	34.5
ALL OTHER INDUSTRIES	282	12	-	58	54	55	62	25	7	9	-	31.5
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	57	-	-	9	-	-	35	11	2	-	-	38.8
CONSTRUCTION	2	-	-	-	-	-	-	-	2	-	-	57.5
MANUFACTURING	11	-	-	-	-	-	-	11	-	-	-	52.5
WHOLESALE AND RETAIL TRADE	44	-	-	9	-	-	35	-	-	-	-	37.5
ALL OTHER INDUSTRIES	-	-	-	-	-	-	-	-	-	-	-	-
MANAGEMENT RELATED OCCUPATIONS	365	-	-	55	64	37	113	55	25	6	10	36.5
ACCOUNTANTS AND AUDITORS	160	-	-	31	5	26	40	22	25	6	5	38.8
BUYERS AND PURCHASING AGENTS	16	-	-	5	6	-	5	-	-	-	-	27.5
PROFESSIONAL SPECIALTY OCCUPATIONS	2 564	32	12	260	696	535	524	291	120	47	47	32.6
ENGINEERS, ARCHITECTS, AND SURVEYORS	500	-	12	33	147	56	111	73	57	11	-	35.1
ARCHITECTS	24	-	-	-	-	22	-	-	2	-	-	32.7
ENGINEERS	476	-	12	33	147	34	111	73	55	11	-	35.9
ELECTRICAL AND ELECTRONIC ENGINEERS	130	-	5	-	42	6	40	24	13	-	-	37.1
MECHANICAL ENGINEERS	81	-	-	18	28	-	23	-	7	5	-	29.0
OTHER ENGINEERS	265	-	7	15	77	28	48	49	35	6	-	36.1
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	73	-	-	-	33	15	23	2	-	-	-	31.2
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	45	-	-	-	5	15	23	2	-	-	-	36.1
NATURAL SCIENTISTS	68	-	-	8	27	12	7	14	-	-	-	29.8
HEALTH DIAGNOSING OCCUPATIONS	250	-	-	13	37	62	67	64	-	2	5	36.8
PHYSICIANS	198	-	-	13	37	40	55	51	-	2	-	36.9
DENTISTS	25	-	-	-	-	15	-	5	-	-	5	34.2
OTHER HEALTH DIAGNOSING PRACTITIONERS	27	-	-	-	-	7	12	8	-	-	-	37.7
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	76	-	-	6	27	18	7	8	-	10	-	31.4
REGISTERED NURSES	22	-	-	-	5	-	7	-	-	10	-	39.3
PHARMACISTS	6	-	-	6	-	-	-	-	-	-	-	23.5
THERAPISTS	35	-	-	-	17	18	-	-	-	-	-	30.1
TEACHERS, LIBRARIANS, AND COUNSELORS	734	-	-	52	250	189	129	63	30	6	15	31.7
TEACHERS, POSTSECONDARY	254	-	-	22	80	64	42	30	11	-	5	32.0
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	202	-	-	13	49	44	61	21	14	-	-	34.4
TEACHERS, SECONDARY	103	-	-	8	23	43	12	12	5	-	-	32.4
SOCIAL SCIENTISTS AND URBAN PLANNERS	52	-	-	16	7	-	29	-	-	-	-	37.5
SOCIAL AND RECREATION WORKERS	327	23	-	58	102	79	36	13	9	7	-	29.0
RELIGIOUS WORKERS	72	-	-	-	-	20	16	31	-	5	-	42.0
LAWYERS AND JUDGES	77	-	-	5	26	6	14	6	5	-	15	36.1
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	335	9	-	69	40	78	85	17	19	6	12	33.2
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	3 670	147	410	816	657	527	557	286	183	45	42	28.5
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	746	-	57	246	201	109	82	25	26	-	-	26.7
HEALTH TECHNOLOGISTS AND TECHNICIANS	103	-	12	46	32	-	-	5	8	-	-	24.2
LICENSED PRACTICAL NURSES	-	-	-	-	-	-	-	-	-	-	-	-
ENGINEERING AND SCIENCE TECHNICIANS	435	-	18	155	119	74	31	20	18	-	-	26.9
ELECTRICAL AND ELECTRONIC TECHNICIANS	266	-	-	108	70	49	23	6	10	-	-	26.8
DRAFTING AND SURVEYING TECHNICIANS	76	-	6	11	25	15	8	3	8	-	-	29.2
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	208	-	27	45	50	35	51	-	-	-	-	28.2
AIRPLANE PILOTS AND NAVIGATORS	3	-	-	3	-	-	-	-	-	-	-	21.0
COMPUTER PROGRAMMERS	92	-	10	21	41	9	11	-	-	-	-	26.8
SALES OCCUPATIONS	1 006	107	95	186	181	97	192	61	53	15	19	28.2
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	221	-	4	26	40	33	61	13	32	6	6	36.0
SELF-EMPLOYED	68	-	-	-	14	8	17	10	19	-	-	38.5
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	95	-	4	25	7	-	37	11	-	5	6	36.8
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	111	8	-	11	23	20	39	5	5	-	-	33.4
SALES WORKERS, RETAIL AND PERSONAL SERVICES	579	99	87	124	111	44	55	32	16	4	7	24.1
CASHIERS	138	17	26	25	40	-	28	-	2	-	-	25.1
SALES RELATED OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 221. OCCUPATION OF EMPLOYED PERSONS BY AGE, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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SPANISH ORIGIN												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	1 918	40	258	384	275	321	283	200	104	30	23	30.0
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	120	-	-	11	42	7	38	16	6	-	-	35.0
COMPUTER EQUIPMENT OPERATORS	125	-	10	24	47	25	-	19	-	-	-	28.0
SECRETARIES, STENOGRAPHERS, AND TYPISTS	64	-	30	21	13	-	-	-	-	-	-	22.3
SECRETARIES	35	-	7	15	13	-	-	-	-	-	-	24.1
RECEPTIONISTS	28	5	16	7	-	-	-	-	-	-	-	19.1
FILE CLERKS	9	-	-	2	-	7	-	-	-	-	-	31.8
FINANCIAL RECORDS PROCESSING OCCUPATIONS	117	7	7	16	12	33	27	-	5	6	4	32.5
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	72	-	7	16	9	17	12	-	5	6	-	31.2
TELEPHONE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	178	8	19	19	24	40	14	29	19	-	6	32.4
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	513	6	62	131	54	101	79	35	15	24	6	30.2
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	21	-	-	-	9	-	12	-	-	-	-	35.8
BANK TELLERS	39	6	-	13	4	-	-	16	-	-	-	25.6
DATA-ENTRY KEYERS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	704	8	114	140	70	108	113	85	59	-	7	30.9
SERVICE OCCUPATIONS	3 548	237	358	698	528	446	474	389	171	167	80	29.6
PRIVATE HOUSEHOLD OCCUPATIONS	27	-	-	8	-	-	6	13	-	-	-	44.6
PROTECTIVE SERVICE OCCUPATIONS	573	-	10	103	121	176	58	31	45	29	-	31.5
FIREFIGHTING OCCUPATIONS	87	-	-	-	47	21	7	12	-	-	-	29.6
POLICE AND DETECTIVES, PUBLIC SERVICE	85	-	-	5	12	38	11	7	8	4	-	33.4
GUARDS	334	-	10	98	56	83	25	6	37	19	-	30.2
OTHER PROTECTIVE SERVICE OCCUPATIONS	67	-	-	-	6	34	15	6	-	6	-	34.0
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	2 948	237	348	587	407	270	410	345	126	138	80	28.7
FOOD PREPARATION AND SERVICE OCCUPATIONS	1 112	143	196	227	175	121	111	78	32	23	6	24.7
WAITERS AND FOOD COUNTER WORKERS	101	-	17	29	18	5	30	-	2	-	-	26.3
COOKS	433	45	55	105	82	50	39	29	15	7	6	25.1
HEALTH SERVICE OCCUPATIONS	270	19	10	75	62	8	55	36	-	-	5	27.5
NURSING AIDES, ORDERLIES, AND ATTENDANTS	192	-	10	75	48	8	39	7	-	-	5	26.1
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	1 323	66	134	204	112	128	213	210	94	105	57	35.7
PERSONAL SERVICE OCCUPATIONS	243	9	8	81	58	13	31	21	-	10	12	27.0
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	83	-	8	26	15	-	25	3	-	-	6	27.5
FARMING, FORESTRY, AND FISHING OCCUPATIONS	459	50	18	59	31	79	98	80	22	22	-	34.5
FARM OPERATORS AND MANAGERS	37	-	-	-	22	4	11	-	-	-	-	29.2
FARM OCCUPATIONS, EXCEPT MANAGERIAL	205	19	8	49	9	55	40	13	5	7	-	31.6
RELATED AGRICULTURAL OCCUPATIONS	157	31	10	10	-	-	36	38	17	15	-	42.9
FORESTRY AND FISHING OCCUPATIONS	60	-	-	-	-	20	11	29	-	-	-	44.2
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	3 813	44	102	586	702	595	901	547	175	90	71	34.0
MECHANICS AND REPAIRERS	1 221	21	53	212	167	203	245	207	55	31	27	33.9
AUTOMOBILE MECHANICS, INCLUDING BODY	425	14	27	60	65	78	99	50	20	4	8	33.0
AIRCRAFT MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	58	-	8	25	5	5	-	15	-	-	-	24.3
OTHER MECHANICS AND REPAIRERS	738	7	18	127	97	120	146	142	35	27	19	35.0
CONSTRUCTION TRADES	870	4	27	167	195	145	165	104	33	18	12	31.4
CARPENTERS	207	-	6	22	64	43	37	11	12	6	6	31.3
ELECTRICIANS	59	-	7	5	16	17	-	14	-	-	-	30.4
PAINTERS, CONSTRUCTION AND MAINTENANCE	221	-	10	73	58	26	43	11	-	-	-	27.4
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	103	-	-	25	12	5	24	31	-	-	6	40.7
OTHER CONSTRUCTION TRADES	280	4	4	42	45	54	61	37	21	12	-	34.2
EXTRACTIVE OCCUPATIONS	4	-	-	-	-	-	4	-	-	-	-	42.5
PRECISION PRODUCTION OCCUPATIONS	1 718	19	22	207	340	247	487	236	87	41	32	35.3
SUPERVISORS, PRODUCTION OCCUPATIONS	484	12	4	63	97	70	129	58	25	18	8	34.7
MANUFACTURING	433	-	4	49	92	70	114	53	25	18	8	35.1
PRECISION METALWORKING OCCUPATIONS	579	-	14	63	87	113	182	63	33	16	8	35.4
TOOL AND DIE MAKERS	65	-	-	6	9	29	4	8	-	9	-	33.0
MACHINISTS	447	-	14	57	65	74	155	42	33	7	-	35.5
SHEET METAL WORKERS	24	-	-	-	-	10	6	8	-	-	-	36.7
OTHER PRECISION METAL WORKERS	43	-	-	-	13	-	17	5	-	-	8	40.7
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	142	-	-	27	26	-	62	20	-	7	-	36.9
PLANT AND SYSTEM OPERATORS	31	-	-	-	-	6	12	4	9	-	-	39.0
OTHER PRECISION PRODUCTION OCCUPATIONS	482	7	4	54	130	58	102	91	20	-	16	34.0

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SPANISH ORIGIN												
OPERATORS, FABRICATORS, AND LABORERS	9 858	227	567	1 777	1 861	1 597	2 035	1 125	331	254	84	31.6
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	6 872	113	362	1 161	1 376	1 134	1 503	766	238	196	23	31.9
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	5 150	92	254	861	959	906	1 165	549	191	157	16	32.3
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	402	19	35	68	51	74	62	58	25	3	7	31.9
PRINTING MACHINE OPERATORS	193	-	13	69	26	32	44	9	-	-	-	27.8
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	1 167	39	59	125	265	238	234	130	12	56	9	32.0
TEXTILE MACHINE OPERATORS	476	3	17	89	122	108	68	54	-	10	5	30.3
TEXTILE SEWING MACHINE OPERATORS	97	-	-	-	30	27	29	7	-	-	4	33.4
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	147	4	11	-	13	32	58	22	-	7	-	36.5
OTHER SPECIFIED MACHINE OPERATORS	1 096	7	26	186	207	191	243	100	73	63	-	33.2
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	2 292	27	121	413	410	371	582	252	81	35	-	32.4
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	403	-	-	130	62	79	86	34	12	-	-	30.6
MACHINE OPERATORS, NOT SPECIFIED	1 889	27	121	283	348	292	496	218	69	35	-	32.8
INDUSTRY:												
MANUFACTURING	2 201	27	100	393	389	363	570	243	81	35	-	32.6
NONDURABLE GOODS	984	27	53	208	164	165	196	123	36	12	-	31.2
FOOD AND KINDRED PRODUCTS	172	6	-	55	44	24	22	7	7	7	-	27.8
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	133	-	-	30	31	34	11	15	12	-	-	30.8
PAPER AND ALLIED PRODUCTS	222	-	7	45	20	24	55	49	17	5	-	37.3
OTHER NONDURABLE GOODS	457	21	46	78	69	83	108	52	-	-	-	30.9
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	1 217	-	47	185	225	198	374	120	45	23	-	33.8
METAL INDUSTRIES	304	-	-	55	43	29	96	54	15	12	-	37.3
MACHINERY, INCLUDING ELECTRICAL	329	-	13	22	84	49	91	46	13	11	-	34.6
TRANSPORTATION EQUIPMENT	93	-	3	19	25	16	27	3	-	-	-	29.9
OTHER DURABLE GOODS	491	-	31	89	73	104	160	17	17	-	-	32.5
NONMANUFACTURING INDUSTRIES	91	-	21	20	21	8	12	9	-	-	-	26.1
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	6	-	-	-	-	-	6	-	-	-	-	37.5
WHOLESALE AND RETAIL TRADE	29	-	-	10	4	-	6	9	-	-	-	35.4
ALL OTHER INDUSTRIES	56	-	21	10	17	8	-	-	-	-	-	24.1
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	1 324	6	85	216	304	210	244	186	47	19	7	31.2
WELDERS AND CUTTERS	245	-	7	40	85	31	62	16	4	-	-	29.4
ASSEMBLERS	972	6	63	154	188	165	173	158	43	15	7	32.3
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	107	-	15	22	31	14	9	12	-	4	-	27.7
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	398	15	23	84	113	18	94	31	-	20	-	28.4
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	1 229	7	71	257	212	223	253	143	29	21	13	31.5
MOTOR VEHICLE OPERATORS	802	-	29	167	163	150	155	88	23	21	6	31.4
TRUCK DRIVERS AND DRIVER-SALES WORKERS	525	-	13	119	90	112	114	41	13	17	6	31.8
BUS DRIVERS	190	-	-	32	73	17	30	31	3	4	-	29.3
RAIL AND WATER TRANSPORTATION OCCUPATIONS	67	-	-	6	-	13	12	36	-	-	-	45.6
MATERIAL MOVING EQUIPMENT OPERATORS	360	7	42	84	49	60	86	19	6	-	7	29.8
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	18	-	6	-	-	-	12	-	-	-	-	36.3
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	1 757	107	134	359	273	240	279	216	64	37	48	30.1
CONSTRUCTION LABORERS	172	5	-	30	23	31	22	52	9	-	-	34.5
FREIGHT, STOCK, AND MATERIAL HANDLERS	516	55	25	96	97	45	104	39	13	17	25	29.2
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	73	18	-	35	7	-	-	7	6	-	-	21.2
HAND PACKERS AND PACKAGERS	321	13	42	22	82	75	35	39	13	-	-	30.1
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	162	16	20	5	15	24	28	39	-	15	-	35.2
LABORERS, EXCEPT CONSTRUCTION	513	-	47	171	49	65	90	40	23	5	23	28.9
MANUFACTURING	355	-	26	109	28	49	85	26	14	-	18	31.5
NONDURABLE GOODS	158	-	21	47	17	8	39	26	-	-	-	28.2
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	197	-	5	62	11	41	46	-	14	-	18	32.5
METAL INDUSTRIES	73	-	-	17	-	29	20	-	7	-	-	33.4
NONMANUFACTURING INDUSTRIES	158	-	21	62	21	16	5	14	9	5	5	24.3
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	23	-	-	17	-	-	-	6	-	-	-	22.6
WHOLESALE AND RETAIL TRADE	43	-	-	10	8	16	5	-	4	-	-	31.1
ALL OTHER INDUSTRIES	92	-	21	35	13	-	-	8	5	5	5	21.4

TABLE 221. OCCUPATION OF EMPLOYED PERSONS BY AGE, 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	TOTAL, 16 YEARS AND OVER	16 AND 17 YEARS	18 AND 19 YEARS	20 TO 24 YEARS	25 TO 29 YEARS	30 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 59 YEARS	60 TO 64 YEARS	65 YEARS AND OVER	MEDIAN AGE
SPANISH ORIGIN												
EMPLOYED FEMALES 16 YEARS AND OVER	19 606	858	1 154	3 802	3 335	2 725	3 891	2 455	719	464	203	31.2
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	3 235	8	45	589	755	663	618	323	116	66	52	31.7
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	864	-	26	208	168	178	129	84	46	12	13	30.8
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	71	-	-	23	13	-	31	4	-	-	-	29.8
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	57	-	-	27	19	5	-	6	-	-	-	25.4
MANAGERS, MEDICINE AND HEALTH	18	-	-	9	-	9	-	-	-	-	-	27.0
OTHER SPECIFIED MANAGERS	99	-	-	24	18	25	7	25	-	-	-	31.5
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	353	-	11	91	46	70	56	26	34	6	13	32.0
MANUFACTURING	45	-	-	-	-	39	-	6	-	-	-	32.9
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	6	-	-	-	-	-	6	-	-	-	-	37.5
WHOLESALE AND RETAIL TRADE	35	-	-	19	-	-	10	-	6	-	-	24.5
ALL OTHER INDUSTRIES	267	-	11	72	46	31	40	20	28	6	13	30.7
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	12	-	-	6	-	6	-	-	-	-	-	27.0
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	6	-	-	-	-	6	-	-	-	-	-	32.5
ALL OTHER INDUSTRIES	6	-	-	6	-	-	-	-	-	-	-	23.5
MANAGEMENT RELATED OCCUPATIONS	254	-	15	28	72	63	35	23	12	6	-	31.0
ACCOUNTANTS AND AUDITORS	38	-	9	7	-	9	10	3	-	-	-	31.7
BUYERS AND PURCHASING AGENTS	7	-	-	-	7	-	-	-	-	-	-	27.5
PROFESSIONAL SPECIALTY OCCUPATIONS	2 371	8	19	381	587	485	489	239	70	54	39	32.0
ENGINEERS, ARCHITECTS, AND SURVEYORS	34	-	-	13	12	-	5	4	-	-	-	26.7
ARCHITECTS	7	-	-	-	7	-	-	-	-	-	-	27.5
ENGINEERS	27	-	-	13	5	-	5	4	-	-	-	25.5
ELECTRICAL AND ELECTRONIC ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-
MECHANICAL ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER ENGINEERS	27	-	-	13	5	-	5	4	-	-	-	25.5
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	73	-	-	8	17	28	7	13	-	-	-	32.1
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	37	-	-	8	11	11	7	-	-	-	-	29.8
NATURAL SCIENTISTS	17	-	-	-	6	-	5	6	-	-	-	37.5
HEALTH DIAGNOSING OCCUPATIONS	46	-	-	6	6	8	-	3	11	12	-	55.0
PHYSICIANS	14	-	-	6	-	-	-	3	5	-	-	51.7
DENTISTS	32	-	-	-	6	8	-	-	6	12	-	56.7
OTHER HEALTH DIAGNOSING PRACTITIONERS	-	-	-	-	-	-	-	-	-	-	-	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	394	-	-	68	99	81	77	41	-	3	25	31.9
REGISTERED NURSES	233	-	-	21	55	57	53	28	-	3	16	33.6
PHARMACISTS	41	-	-	30	-	4	7	-	-	-	-	24.0
THERAPISTS	58	-	-	5	33	20	-	-	-	-	-	28.6
TEACHERS, LIBRARIANS, AND COUNSELORS	1 286	-	14	192	310	241	314	144	39	26	6	32.6
TEACHERS, POSTSECONDARY	296	-	14	41	47	56	69	50	13	6	-	34.1
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	655	-	-	96	194	145	157	54	-	9	-	31.3
TEACHERS, SECONDARY	187	-	-	10	45	16	64	21	20	11	-	37.6
SOCIAL SCIENTISTS AND URBAN PLANNERS	64	-	-	-	30	20	14	-	-	-	-	30.5
SOCIAL AND RECREATION WORKERS	264	8	-	46	83	64	40	8	15	-	-	29.7
RELIGIOUS WORKERS	5	-	-	-	-	-	-	5	-	-	-	52.5
LAWYERS AND JUDGES	26	-	-	17	-	9	-	-	-	-	-	24.3
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	162	-	5	31	24	34	27	15	5	13	8	33.1
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	6 019	442	454	1 539	1 066	674	1 021	495	193	70	65	27.7
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	427	-	11	110	108	45	66	47	28	9	3	29.3
HEALTH TECHNOLOGISTS AND TECHNICIANS	221	-	5	43	49	18	37	35	22	9	3	33.8
LICENSED PRACTICAL NURSES	96	-	-	16	6	6	12	22	22	9	3	46.8
ENGINEERING AND SCIENCE TECHNICIANS	97	-	6	36	11	19	18	7	-	-	-	28.0
ELECTRICAL AND ELECTRONIC TECHNICIANS	14	-	-	-	4	-	3	7	-	-	-	42.0
DRAFTING AND SURVEYING TECHNICIANS	9	-	-	-	3	-	6	-	-	-	-	41.3
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	109	-	-	31	48	8	11	5	6	-	-	27.4
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	35	-	-	11	24	-	-	-	-	-	-	26.4
SALES OCCUPATIONS	1 050	144	121	280	139	76	134	84	47	14	11	24.5
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	77	-	4	27	-	5	31	1	9	-	-	35.7
SELF-EMPLOYED	28	-	-	-	-	-	18	1	9	-	-	38.9
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	130	5	6	12	29	23	30	11	7	7	-	32.8
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	19	-	-	-	-	-	-	19	-	-	-	51.0
SALES WORKERS, RETAIL AND PERSONAL SERVICES	824	139	111	241	110	48	73	53	31	7	11	22.5
CASHIERS	396	84	81	127	37	24	11	12	20	-	-	20.9
SALES RELATED OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 221. OCCUPATION OF EMPLOYED PERSONS BY AGE, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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MASSACHUSETTS	TOTAL, 16 YEARS AND OVER	16 AND 17 YEARS	18 AND 19 YEARS	20 TO 24 YEARS	25 TO 29 YEARS	30 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 59 YEARS	60 TO 64 YEARS	65 YEARS AND OVER	MEDIAN AGE
SPANISH ORIGIN												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	4 542	298	322	1 149	819	553	821	364	118	47	51	28.1
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	180	-	-	23	28	35	69	12	8	5	-	35.9
COMPUTER EQUIPMENT OPERATORS	32	-	3	8	3	3	11	-	4	-	-	33.3
SECRETARIES, STENOGRAPHERS, AND TYPISTS	1 396	93	49	452	290	175	216	67	31	4	19	26.8
SECRETARIES	990	74	18	350	177	117	151	49	31	4	19	26.5
RECEPTIONISTS	179	11	29	51	27	30	25	-	6	-	-	24.8
FILE CLERKS	215	58	50	45	24	9	7	22	-	-	-	20.0
FINANCIAL RECORDS PROCESSING OCCUPATIONS	418	3	15	108	97	21	60	55	11	24	24	29.3
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	292	3	7	51	77	12	39	44	11	24	24	33.3
TELEPHONE OPERATORS	59	-	14	18	21	6	-	-	-	-	-	23.5
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	55	7	-	20	5	-	5	18	-	-	-	25.5
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	117	-	-	10	7	30	15	37	10	-	8	43.8
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	28	-	-	22	-	-	6	-	-	-	-	23.3
BANK TELLERS	109	15	14	45	15	9	11	-	-	-	-	21.9
DATA-ENTRY KEYERS	198	-	31	35	53	39	40	-	-	-	-	28.1
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	1 556	111	117	312	249	196	356	153	48	14	-	29.8
SERVICE OCCUPATIONS	3 589	271	369	612	392	327	810	560	79	133	36	32.3
PRIVATE HOUSEHOLD OCCUPATIONS	221	14	8	16	40	-	25	39	15	64	-	48.1
PROTECTIVE SERVICE OCCUPATIONS	174	-	19	78	45	7	7	12	-	-	6	23.9
FIREFIGHTING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
POLICE AND DETECTIVES, PUBLIC SERVICE	49	-	-	14	28	7	-	-	-	-	-	26.9
GUARDS	125	-	19	64	17	-	7	12	-	-	6	22.7
OTHER PROTECTIVE SERVICE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	3 194	257	342	518	307	320	778	509	64	69	30	32.7
FOOD PREPARATION AND SERVICE OCCUPATIONS	791	101	154	116	86	99	132	68	12	17	6	26.4
WAITERS AND FOOD COUNTER WORKERS	309	74	72	80	32	5	29	17	-	-	-	20.6
COOKS	155	9	30	5	26	14	31	21	7	12	-	32.7
HEALTH SERVICE OCCUPATIONS	1 122	50	133	251	103	58	274	175	22	45	11	32.1
NURSING AIDES, ORDERLIES, AND ATTENDANTS	924	15	86	192	86	54	266	159	10	45	11	36.0
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	601	48	27	52	25	64	189	160	26	7	3	39.7
PERSONAL SERVICE OCCUPATIONS	680	58	28	99	93	99	183	106	4	-	10	33.1
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	130	-	-	8	6	29	59	28	-	-	-	39.1
FARMING, FORESTRY, AND FISHING OCCUPATIONS	79	-	8	8	14	6	-	25	-	11	7	46.0
FARM OPERATORS AND MANAGERS	8	-	8	-	-	-	-	-	-	-	-	19.0
FARM OCCUPATIONS, EXCEPT MANAGERIAL	56	-	-	8	14	6	-	25	-	3	-	40.0
RELATED AGRICULTURAL OCCUPATIONS	15	-	-	-	-	-	-	-	-	8	7	64.7
FORESTRY AND FISHING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	857	15	6	170	127	101	190	141	54	44	9	35.4
MECHANICS AND REPAIRERS	45	-	-	-	6	6	13	20	-	-	-	39.0
AUTOMOBILE MECHANICS, INCLUDING BODY	-	-	-	-	-	-	-	-	-	-	-	-
AIRCRAFT MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER MECHANICS AND REPAIRERS	45	-	-	-	6	6	13	20	-	-	-	39.0
CONSTRUCTION TRADES	31	-	-	15	-	7	-	-	-	-	9	30.4
CARPENTERS	-	-	-	-	-	-	-	-	-	-	-	-
ELECTRICIANS	16	-	-	7	-	-	-	-	-	-	9	75+
PAINTERS, CONSTRUCTION AND MAINTENANCE	15	-	-	8	-	7	-	-	-	-	-	21.9
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER CONSTRUCTION TRADES	-	-	-	-	-	-	-	-	-	-	-	-
EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	781	15	6	155	121	88	177	121	54	44	-	35.3
SUPERVISORS, PRODUCTION OCCUPATIONS	248	-	-	17	6	56	67	56	28	18	-	39.5
MANUFACTURING	238	-	-	17	6	56	62	51	28	18	-	39.0
PRECISION METALWORKING OCCUPATIONS	136	-	6	52	30	6	22	14	-	6	-	26.7
TOOL AND DIE MAKERS	-	-	-	-	-	-	-	-	-	-	-	-
MACHINISTS	84	-	-	45	9	6	14	10	-	-	-	24.8
SHEET METAL WORKERS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER PRECISION METAL WORKERS	52	-	6	7	21	-	8	4	-	6	-	28.1
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	165	9	-	47	25	11	48	16	-	9	-	30.7
PLANT AND SYSTEM OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER PRECISION PRODUCTION OCCUPATIONS	232	6	-	39	60	15	40	35	26	11	-	33.7

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MASSACHUSETTS	TOTAL, 16 YEARS AND OVER	16 AND 17 YEARS	18 AND 19 YEARS	20 TO 24 YEARS	25 TO 29 YEARS	30 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 59 YEARS	60 TO 64 YEARS	65 YEARS AND OVER	MEDIAN AGE
SPANISH ORIGIN												
OPERATORS, FABRICATORS, AND LABORERS	5 827	122	272	884	981	954	1 252	911	277	140	34	33.4
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	4 960	106	192	746	852	774	1 108	811	210	135	26	33.8
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	3 297	70	118	506	596	458	725	546	147	120	11	33.9
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	57	-	9	5	-	2	17	11	-	13	-	43.7
PRINTING MACHINE OPERATORS	35	-	8	-	-	6	4	-	17	-	-	44.4
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	1 589	52	27	205	306	190	391	316	59	32	11	33.4
TEXTILE MACHINE OPERATORS	109	-	-	15	39	17	-	24	-	14	-	30.1
TEXTILE SEWING MACHINE OPERATORS	1 004	20	19	124	151	138	280	223	39	10	-	36.7
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	146	8	-	29	28	-	20	44	9	8	-	39.0
OTHER SPECIFIED MACHINE OPERATORS	482	6	33	93	55	81	83	92	15	24	-	33.3
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	1 134	12	41	203	235	179	230	127	56	51	-	32.1
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	299	-	22	71	67	69	41	20	5	4	-	29.2
MACHINE OPERATORS, NOT SPECIFIED	835	12	19	132	168	110	189	107	51	47	-	33.9
INDUSTRY:												
MANUFACTURING	1 101	12	41	203	226	172	216	124	56	51	-	32.0
NONDURABLE GOODS	451	6	11	85	97	62	84	38	42	26	-	32.1
FOOD AND KINDRED PRODUCTS	27	-	-	8	-	-	11	-	-	8	-	42.5
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	117	6	-	29	38	14	15	8	-	7	-	28.1
PAPER AND ALLIED PRODUCTS	77	-	8	4	6	13	18	16	8	4	-	37.1
OTHER NONDURABLE GOODS	230	-	3	44	53	35	40	14	34	7	-	32.1
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	650	6	30	118	129	110	132	86	14	25	-	31.9
METAL INDUSTRIES	105	6	-	42	11	15	-	26	5	-	-	27.0
MACHINERY, INCLUDING ELECTRICAL	357	-	30	48	71	83	63	35	9	18	-	31.8
TRANSPORTATION EQUIPMENT	15	-	-	-	-	6	9	-	-	-	-	40.8
OTHER DURABLE GOODS	173	-	-	28	47	6	60	25	-	7	-	35.9
NONMANUFACTURING INDUSTRIES	33	-	-	-	9	7	14	3	-	-	-	35.2
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	9	-	-	-	-	-	6	3	-	-	-	38.8
ALL OTHER INDUSTRIES	24	-	-	-	9	7	8	-	-	-	-	32.1
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	1 287	25	46	192	213	262	281	193	57	11	7	33.2
WELDERS AND CUTTERS	44	-	-	7	-	13	14	10	-	-	-	35.7
ASSEMBLERS	1 088	25	39	145	181	238	248	147	47	11	7	33.2
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	155	-	7	40	32	11	19	36	10	-	-	29.8
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	376	11	28	48	43	54	102	72	6	4	8	35.4
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	165	-	15	18	28	53	38	-	13	-	-	32.0
MOTOR VEHICLE OPERATORS	82	-	-	5	22	22	27	-	6	-	-	33.2
TRUCK DRIVERS AND DRIVER-SALES WORKERS	24	-	-	5	4	15	-	-	-	-	-	31.0
BUS DRIVERS	50	-	-	-	18	7	19	-	6	-	-	35.0
RAIL AND WATER TRANSPORTATION OCCUPATIONS	3	-	3	-	-	-	-	-	-	-	-	19.0
MATERIAL MOVING EQUIPMENT OPERATORS	80	-	12	13	6	31	11	-	7	-	-	31.5
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	702	16	65	120	101	127	106	100	54	5	8	31.9
CONSTRUCTION LABORERS	5	-	-	-	-	-	5	-	-	-	-	37.5
FREIGHT, STOCK, AND MATERIAL HANDLERS	89	16	26	8	13	11	-	-	7	-	8	22.9
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	17	-	-	17	-	-	-	-	-	-	-	22.7
HAND PACKERS AND PACKAGERS	458	-	34	69	78	83	66	83	40	5	-	32.9
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	19	-	5	-	-	-	7	-	7	-	-	38.2
LABORERS, EXCEPT CONSTRUCTION	114	-	-	26	10	33	28	17	-	-	-	33.2
MANUFACTURING	71	-	-	-	5	27	22	17	-	-	-	37.5
NONDURABLE GOODS	30	-	-	-	-	10	15	5	-	-	-	38.6
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	41	-	-	-	5	17	7	12	-	-	-	34.6
METAL INDUSTRIES	-	-	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING INDUSTRIES	43	-	-	26	5	6	6	-	-	-	-	24.3
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	5	-	-	5	-	-	-	-	-	-	-	23.5
WHOLESALE AND RETAIL TRADE	17	-	-	6	5	-	6	-	-	-	-	27.5
ALL OTHER INDUSTRIES	21	-	-	15	-	6	-	-	-	-	-	23.5

TABLE 221. OCCUPATION OF EMPLOYED PERSONS BY AGE, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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BOSTON, MA SMSA	TOTAL, 16 YEARS AND OVER	16 AND 17 YEARS	18 AND 19 YEARS	20 TO 24 YEARS	25 TO 29 YEARS	30 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 59 YEARS	60 TO 64 YEARS	65 YEARS AND OVER	MEDIAN AGE
TOTAL												
EMPLOYED MALES 16 YEARS AND OVER	728 468	20 078	29 111	98 682	103 360	94 959	133 999	121 576	59 811	40 374	26 518	36.2
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	236 542	455	1 196	18 391	35 171	39 781	55 260	45 918	19 284	12 345	8 741	38.7
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	114 852	112	521	8 284	14 224	17 141	28 041	24 799	10 464	7 123	4 143	40.7
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	3 980	-	29	85	352	621	750	924	585	416	218	46.8
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	4 080	-	10	144	295	526	1 115	1 255	339	299	97	44.5
MANAGERS, MEDICINE AND HEALTH	1 336	-	8	46	176	303	348	296	49	49	61	38.4
OTHER SPECIFIED MANAGERS	20 938	20	44	956	2 478	3 597	5 731	4 660	1 835	1 047	570	40.3
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	50 792	72	359	3 442	5 439	6 694	13 181	11 843	4 995	3 147	1 620	41.9
MANUFACTURING	15 154	-	4	343	972	1 742	4 660	4 353	1 684	913	483	44.7
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	3 422	-	6	95	345	425	842	913	519	203	74	45.0
WHOLESALE AND RETAIL TRADE	12 199	22	172	1 312	1 670	1 591	2 507	2 350	1 190	907	478	40.1
ALL OTHER INDUSTRIES	20 017	50	177	1 692	2 452	2 936	5 172	4 227	1 602	1 124	585	39.8
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	3 387	-	20	158	327	386	858	740	362	225	311	44.4
CONSTRUCTION	626	-	16	40	72	108	125	133	83	27	22	42.0
MANUFACTURING	407	-	-	17	63	36	80	91	48	21	51	45.7
WHOLESALE AND RETAIL TRADE	1 162	-	4	61	102	126	356	269	71	67	106	43.0
ALL OTHER INDUSTRIES	1 192	-	-	40	90	116	297	247	160	110	132	47.2
MANAGEMENT RELATED OCCUPATIONS	30 339	20	51	3 453	5 157	5 014	6 058	5 081	2 299	1 940	1 266	37.1
ACCOUNTANTS AND AUDITORS	13 292	7	36	2 265	2 748	2 127	2 254	1 883	782	677	513	33.7
BUYERS AND PURCHASING AGENTS	4 034	6	7	413	666	547	811	735	378	313	158	39.8
PROFESSIONAL SPECIALTY OCCUPATIONS	121 690	343	675	10 107	20 947	22 640	27 219	21 119	8 820	5 222	4 598	36.9
ENGINEERS, ARCHITECTS, AND SURVEYORS	30 287	18	64	2 708	4 549	4 229	6 631	6 831	3 098	1 488	671	40.1
ARCHITECTS	2 381	-	-	125	348	504	709	448	127	59	61	37.6
ENGINEERS	27 754	18	64	2 562	4 181	3 684	5 907	6 342	2 965	1 429	602	40.4
ELECTRICAL AND ELECTRONIC ENGINEERS	8 161	5	37	819	1 203	1 090	1 754	2 078	761	353	61	40.0
MECHANICAL ENGINEERS	4 130	-	5	394	585	589	857	862	499	280	59	40.2
OTHER ENGINEERS	15 463	13	22	1 349	2 393	2 005	3 296	3 402	1 705	796	482	40.7
SURVEYORS AND MAPPING SCIENTISTS	152	-	-	21	20	41	15	41	6	-	8	34.3
MATHEMATICAL AND COMPUTER SCIENTISTS	6 003	-	44	580	1 386	1 295	1 571	800	208	84	35	33.8
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	4 185	-	44	469	1 021	978	1 064	490	73	38	8	32.9
NATURAL SCIENTISTS	4 328	11	6	426	865	728	1 055	684	330	149	74	36.2
HEALTH DIAGNOSING OCCUPATIONS	12 083	-	-	67	1 625	2 664	2 892	2 162	984	697	992	40.3
PHYSICIANS	8 933	-	-	61	1 339	2 075	2 154	1 572	583	478	671	39.2
DENTISTS	2 065	-	-	-	188	385	565	338	249	139	201	42.7
OTHER HEALTH DIAGNOSING PRACTITIONERS	1 085	-	-	6	98	204	173	252	152	80	120	50.0
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	3 991	6	16	674	976	812	448	466	186	169	238	32.0
REGISTERED NURSES	831	-	-	157	234	187	140	89	-	7	17	30.7
PHARMACISTS	1 919	-	3	318	340	248	213	305	156	146	190	37.6
THERAPISTS	975	-	7	167	325	301	72	44	23	16	20	29.8
TEACHERS, LIBRARIANS, AND COUNSELORS	30 196	98	221	2 686	4 855	6 033	7 382	5 223	1 841	1 141	716	36.4
TEACHERS, POSTSECONDARY	9 851	5	68	956	1 282	1 593	2 451	1 999	739	515	243	38.5
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	9 092	39	39	650	1 534	2 044	2 348	1 587	503	266	82	35.9
TEACHERS, SECONDARY	6 018	13	6	358	1 025	1 502	1 594	950	278	177	115	35.5
SOCIAL SCIENTISTS AND URBAN PLANNERS	3 624	-	5	238	863	918	908	427	132	96	37	33.8
SOCIAL AND RECREATION WORKERS	3 421	67	58	387	870	696	567	377	168	149	82	32.4
RELIGIOUS WORKERS	2 300	15	7	79	201	260	483	578	245	192	240	46.7
LAWYERS AND JUDGES	10 468	-	5	247	1 777	2 259	2 531	1 656	643	472	878	38.0
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	14 989	128	249	2 015	2 980	2 746	2 751	1 915	985	585	635	33.9
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	165 264	4 114	7 727	27 147	25 650	20 323	26 439	24 736	12 939	9 223	6 966	34.4
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	30 192	123	957	6 448	6 364	4 720	5 082	3 775	1 456	753	514	31.3
HEALTH TECHNOLOGISTS AND TECHNICIANS	3 167	21	55	829	909	554	418	207	85	24	65	28.7
LICENSED PRACTICAL NURSES	226	7	-	29	45	57	11	48	7	7	15	32.8
ENGINEERING AND SCIENCE TECHNICIANS	14 346	57	593	3 054	2 483	1 842	2 287	2 249	971	544	266	32.7
ELECTRICAL AND ELECTRONIC TECHNICIANS	4 509	11	138	1 059	956	592	774	583	224	148	24	30.8
DRAFTING AND SURVEYING TECHNICIANS	4 749	25	205	996	757	613	717	813	394	137	92	33.2
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	12 679	45	309	2 565	2 972	2 324	2 377	1 319	400	185	183	31.0
AIRPLANE PILOTS AND NAVIGATORS	371	-	-	12	30	41	159	104	25	-	-	41.8
COMPUTER PROGRAMMERS	5 429	34	140	1 256	1 563	1 181	830	315	78	8	24	29.1
SALES OCCUPATIONS	67 057	2 428	2 690	8 007	8 953	7 757	11 965	11 218	5 671	4 264	4 104	37.9
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	13 413	82	120	1 441	2 095	1 953	2 820	2 213	1 124	831	734	38.1
SELF-EMPLOYED	2 783	-	14	145	266	428	508	537	383	218	284	45.7
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	15 935	34	84	1 192	2 013	2 314	3 573	3 287	1 489	950	999	41.3
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	16 014	27	132	1 280	2 308	1 917	3 170	3 217	1 773	1 222	968	42.3
SALES WORKERS, RETAIL AND PERSONAL SERVICES	21 583	2 279	2 354	4 081	2 503	1 557	2 377	2 483	1 285	1 261	1 403	29.2
CASHIERS	4 452	770	930	1 051	418	203	270	239	177	214	180	21.8
SALES RELATED OCCUPATIONS	112	6	-	13	34	16	25	18	-	-	-	30.9

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TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	68 015	1 563	4 080	12 692	10 333	7 846	9 392	9 743	5 812	4 206	2 348	33.4
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	9 888	13	77	922	1 409	1 663	2 020	1 858	1 147	633	146	38.9
COMPUTER EQUIPMENT OPERATORS	3 313	22	252	964	769	583	427	195	82	9	10	27.7
SECRETARIES, STENOGRAPHERS, AND TYPISTS	1 322	46	116	274	224	155	186	115	97	56	53	30.0
SECRETARIES	766	18	24	160	119	93	149	66	62	30	45	33.3
RECEPTIONISTS	478	71	157	80	16	50	29	25	11	19	20	20.4
FILE CLERKS	977	61	164	283	129	99	31	93	42	40	35	24.6
FINANCIAL RECORDS PROCESSING OCCUPATIONS	3 902	27	137	865	603	419	561	386	314	276	314	33.8
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	2 922	18	98	662	446	323	411	300	199	201	264	33.7
TELEPHONE OPERATORS	391	12	37	110	102	21	59	13	26	5	6	26.8
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	10 914	219	483	928	1 027	1 143	1 527	2 608	1 517	1 021	441	45.6
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	13 337	524	1 311	3 275	2 075	912	1 536	1 619	980	767	338	28.8
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	1 212	-	18	180	200	184	210	234	72	81	33	35.9
BANK TELLERS	1 094	20	84	446	246	100	59	53	41	29	16	25.0
DATA-ENTRY KEYERS	509	13	64	103	87	59	46	56	45	24	12	29.3
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	20 678	535	1 180	4 262	3 446	2 458	2 701	2 488	1 438	1 246	924	31.9
SERVICE OCCUPATIONS	87 004	8 003	6 777	13 731	9 855	7 986	12 080	12 499	6 938	5 133	4 002	33.2
PRIVATE HOUSEHOLD OCCUPATIONS	392	59	3	59	31	23	27	84	19	36	51	40.0
PROTECTIVE SERVICE OCCUPATIONS	25 258	143	677	2 506	3 114	3 732	5 428	4 865	2 296	1 445	1 052	38.9
FIREFIGHTING OCCUPATIONS	6 177	-	5	175	779	1 234	1 677	1 541	507	235	24	39.3
POLICE AND DETECTIVES, PUBLIC SERVICE	6 880	6	6	275	781	1 400	1 978	1 543	676	189	26	39.4
GUARDS	8 847	130	638	1 858	1 243	658	958	933	756	730	943	34.2
OTHER PROTECTIVE SERVICE OCCUPATIONS	3 354	7	28	198	311	440	815	848	357	291	59	43.2
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	61 354	7 801	6 097	11 166	6 710	4 231	6 625	7 550	4 623	3 652	2 899	29.2
FOOD PREPARATION AND SERVICE OCCUPATIONS	26 542	5 158	3 667	5 653	3 017	1 823	2 500	2 071	1 163	810	680	23.7
WAITERS AND FOOD COUNTER WORKERS	3 982	606	522	1 058	671	303	303	257	104	89	69	24.1
COOKS	8 821	1 372	1 217	1 799	997	588	1 003	869	489	305	182	25.1
HEALTH SERVICE OCCUPATIONS	3 877	268	289	1 030	867	374	361	350	200	88	50	27.0
NURSING AIDES, ORDERLIES, AND ATTENDANTS	2 899	85	177	798	714	273	323	273	143	73	40	27.7
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	25 169	2 002	1 774	3 549	1 992	1 481	2 806	4 457	2 852	2 475	1 781	41.7
PERSONAL SERVICE OCCUPATIONS	5 766	373	367	934	834	553	958	672	408	279	388	33.4
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	2 621	-	39	221	253	275	775	453	197	177	231	41.2
FARMING, FORESTRY, AND FISHING OCCUPATIONS	5 749	348	465	1 007	760	531	773	769	393	318	385	32.8
FARM OPERATORS AND MANAGERS	658	-	20	108	71	69	93	113	46	48	90	41.8
FARM OCCUPATIONS, EXCEPT MANAGERIAL	568	80	112	115	24	46	46	38	17	46	44	23.7
RELATED AGRICULTURAL OCCUPATIONS	3 760	238	278	678	539	299	476	528	274	212	238	32.5
FORESTRY AND FISHING OCCUPATIONS	763	30	55	106	126	117	158	90	56	12	13	32.8
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	118 899	1 143	3 787	16 356	16 623	15 151	22 919	21 923	10 946	6 986	3 065	37.7
MECHANICS AND REPAIRERS	36 656	449	1 224	5 896	5 806	5 338	6 721	5 808	2 919	1 811	684	34.6
AUTOMOBILE MECHANICS, INCLUDING BODY	11 562	244	668	2 622	2 104	1 550	1 846	1 469	575	336	148	30.5
AIRCRAFT MECHANICS	776	-	9	66	76	108	132	267	66	52	-	44.8
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	2 108	6	28	299	455	320	381	346	176	52	45	34.2
OTHER MECHANICS AND REPAIRERS	22 210	199	519	2 909	3 171	3 360	4 362	3 726	2 10[illegible]	1 371	491	37.0
CONSTRUCTION TRADES	40 715	302	1 254	5 361	6 138	5 240	8 134	7 903	3 374	2 198	811	37.4
CARPENTERS	11 146	106	434	1 742	1 938	1 293	1 925	1 993	877	624	214	35.3
ELECTRICIANS	6 081	30	127	916	1 105	756	1 243	1 083	500	228	93	35.8
PAINTERS, CONSTRUCTION AND MAINTENANCE	4 049	64	160	675	544	573	720	504	391	272	146	35.1
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	5 097	17	183	770	655	651	977	1 046	451	282	65	37.9
OTHER CONSTRUCTION TRADES	14 342	85	350	1 258	1 896	1 967	3 269	3 277	1 155	792	293	39.5
EXTRACTIVE OCCUPATIONS	165	-	-	28	13	14	50	18	23	19	-	40.1
PRECISION PRODUCTION OCCUPATIONS	41 363	392	1 309	5 071	4 666	4 559	8 014	8 194	4 630	2 958	1 570	40.7
SUPERVISORS, PRODUCTION OCCUPATIONS	15 924	37	156	1 220	1 644	1 892	3 491	3 963	1 914	1 132	475	43.6
MANUFACTURING	11 043	6	65	773	1 147	1 347	2 487	2 791	1 329	816	282	43.8
PRECISION METALWORKING OCCUPATIONS	13 053	147	603	2 179	1 689	1 420	2 472	1 948	1 270	906	419	36.7
TOOL AND DIE MAKERS	1 148	-	26	128	125	113	210	195	223	104	24	43.7
MACHINISTS	8 812	106	451	1 684	1 157	972	1 660	1 209	718	549	306	35.2
SHEET METAL WORKERS	1 685	23	85	208	198	192	363	315	152	130	19	37.9
OTHER PRECISION METAL WORKERS	1 408	18	41	159	209	143	239	229	177	123	70	40.5
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	1 598	31	33	57	110	52	328	328	197	220	242	50.6
PLANT AND SYSTEM OPERATORS	2 043	7	24	143	153	218	329	434	413	220	102	48.9
OTHER PRECISION PRODUCTION OCCUPATIONS	8 745	170	493	1 472	1 070	977	1 394	1 521	836	480	332	36.3

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TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	115 010	6 015	9 159	22 050	15 301	11 187	16 528	15 731	9 311	6 369	3 359	32.2
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	48 504	899	3 013	9 381	7 038	4 870	7 033	7 200	4 515	3 180	1 375	34.0
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	31 365	470	1 832	5 678	4 454	3 082	4 823	5 018	3 004	2 043	961	35.3
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	3 980	59	225	735	444	403	624	499	490	382	119	36.8
PRINTING MACHINE OPERATORS	5 514	100	298	844	690	459	1 049	1 066	511	336	161	38.2
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	2 948	104	136	361	327	269	441	598	237	250	225	41.2
TEXTILE MACHINE OPERATORS	493	3	29	74	58	22	46	120	36	60	45	46.7
TEXTILE SEWING MACHINE OPERATORS	320	15	-	34	25	57	69	54	20	13	33	41.0
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	1 015	75	68	157	112	86	184	148	59	51	75	35.6
OTHER SPECIFIED MACHINE OPERATORS	8 495	84	472	1 752	1 358	919	1 141	1 252	797	454	266	33.2
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	10 428	123	701	1 986	1 635	1 032	1 568	1 603	969	621	190	33.7
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	2 777	43	154	558	481	222	414	396	278	211	20	33.4
MACHINE OPERATORS, NOT SPECIFIED	7 651	80	547	1 428	1 154	810	1 154	1 207	691	410	170	33.8
INDUSTRY:												
MANUFACTURING	8 989	98	643	1 712	1 383	941	1 316	1 362	854	529	151	33.5
NONDURABLE GOODS	3 334	64	187	569	534	338	390	628	364	201	59	34.6
FOOD AND KINDRED PRODUCTS	622	6	-	121	142	77	83	84	66	37	6	32.7
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	257	29	2	12	52	23	17	63	18	31	10	41.4
PAPER AND ALLIED PRODUCTS	756	-	48	100	112	43	137	138	103	54	21	39.6
OTHER NONDURABLE GOODS	1 699	29	137	336	228	195	153	343	177	79	22	33.1
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	5 655	34	456	1 143	849	603	926	734	490	328	92	32.9
METAL INDUSTRIES	1 149	14	106	267	137	132	167	172	111	20	23	31.9
MACHINERY, INCLUDING ELECTRICAL	1 989	12	228	429	316	140	240	253	152	175	44	30.3
TRANSPORTATION EQUIPMENT	685	-	32	114	104	67	150	73	104	34	7	36.5
OTHER DURABLE GOODS	1 832	8	90	333	292	264	369	236	123	99	18	33.7
NONMANUFACTURING INDUSTRIES	1 439	25	58	274	252	91	252	241	115	92	39	35.8
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	342	-	-	33	86	21	68	86	35	7	6	41.1
WHOLESALE AND RETAIL TRADE	438	4	15	101	83	15	57	66	33	37	27	35.3
ALL OTHER INDUSTRIES	659	21	43	140	83	55	127	89	47	48	6	33.9
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	12 602	395	907	2 851	1 858	1 315	1 696	1 526	1 033	736	285	31.1
WELDERS AND CUTTERS	3 785	10	149	576	732	454	671	517	378	232	66	34.7
ASSEMBLERS	7 946	321	659	2 159	1 043	773	911	892	565	458	165	29.0
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	871	64	99	116	83	88	114	117	90	46	54	34.2
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	4 537	34	274	852	726	473	514	656	478	401	129	34.0
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	33 732	368	1 314	5 397	4 860	4 112	6 283	5 388	2 944	1 846	1 220	36.2
MOTOR VEHICLE OPERATORS	27 047	311	1 071	4 465	3 828	3 398	5 222	3 999	2 151	1 487	1 115	35.8
TRUCK DRIVERS AND DRIVER-SALES WORKERS	19 691	259	890	3 422	2 817	2 478	3 869	2 989	1 506	902	559	35.0
BUS DRIVERS	2 942	-	18	198	320	419	677	530	311	290	179	42.2
RAIL AND WATER TRANSPORTATION OCCUPATIONS	1 570	14	6	168	236	146	183	393	252	143	29	45.9
MATERIAL MOVING EQUIPMENT OPERATORS	5 115	43	237	764	796	568	878	996	541	216	76	36.7
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	399	-	-	38	67	25	84	99	52	34	-	42.1
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	32 774	4 748	4 832	7 272	3 403	2 205	3 212	3 143	1 852	1 343	764	24.6
CONSTRUCTION LABORERS	4 642	95	343	878	606	404	760	880	379	198	99	34.9
FREIGHT, STOCK, AND MATERIAL HANDLERS	12 214	2 944	2 030	2 656	1 028	668	842	835	488	455	268	21.7
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	2 864	597	857	668	203	71	151	85	101	71	60	19.9
HAND PACKERS AND PACKAGERS	2 448	213	368	550	334	206	336	228	114	67	32	26.4
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	3 141	501	477	773	319	172	220	275	221	119	64	23.5
LABORERS, EXCEPT CONSTRUCTION	7 465	398	757	1 747	913	684	903	840	549	433	241	29.5
MANUFACTURING	2 200	102	160	597	312	173	333	153	160	132	78	28.9
NONDURABLE GOODS	1 160	40	100	273	143	87	175	117	83	94	48	31.4
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	1 040	62	60	324	169	86	158	36	77	38	30	27.2
METAL INDUSTRIES	252	15	11	96	34	21	45	-	18	12	-	25.6
NONMANUFACTURING INDUSTRIES	5 265	296	597	1 150	601	511	570	687	389	301	163	29.9
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	1 148	48	22	191	161	120	163	216	107	88	32	36.5
WHOLESALE AND RETAIL TRADE	2 599	134	406	667	289	220	227	287	150	138	81	26.6
ALL OTHER INDUSTRIES	1 518	114	169	292	151	171	180	184	132	75	50	31.0

TABLE 221. OCCUPATION OF EMPLOYED PERSONS BY AGE, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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BOSTON, MA SMSA	TOTAL, 16 YEARS AND OVER	16 AND 17 YEARS	18 AND 19 YEARS	20 TO 24 YEARS	25 TO 29 YEARS	30 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 59 YEARS	60 TO 64 YEARS	65 YEARS AND OVER	MEDIAN AGE
TOTAL												
EMPLOYED FEMALES 16 YEARS AND OVER	607 752	21 009	32 302	103 397	90 884	71 314	100 234	93 686	44 885	30 278	19 763	33.9
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	164 476	400	1 665	23 034	36 369	29 843	32 473	22 448	9 015	5 481	3 748	33.5
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	51 441	73	680	7 463	10 549	8 959	9 340	7 640	3 440	2 118	1 179	33.9
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	2 043	5	14	176	388	333	369	381	192	164	21	37.7
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	3 683	-	6	304	569	637	897	669	275	209	117	38.0
MANAGERS, MEDICINE AND HEALTH	1 576	-	24	96	288	264	417	271	108	70	38	37.8
OTHER SPECIFIED MANAGERS	7 066	7	74	943	1 285	1 531	1 335	1 076	427	232	156	34.0
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	19 965	45	348	2 921	3 800	3 399	3 788	3 120	1 307	745	492	34.2
MANUFACTURING	2 881	-	13	312	541	484	590	517	208	135	81	36.3
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	1 275	-	6	101	171	297	310	248	86	45	11	37.2
WHOLESALE AND RETAIL TRADE	4 061	22	171	789	706	526	697	582	294	125	149	33.3
ALL OTHER INDUSTRIES	11 748	23	158	1 719	2 382	2 092	2 191	1 773	719	440	251	33.8
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	834	5	-	46	74	137	266	140	70	44	52	39.1
CONSTRUCTION	26	-	-	-	-	-	26	-	-	-	-	37.5
MANUFACTURING	102	-	-	6	19	28	31	-	-	-	18	34.6
WHOLESALE AND RETAIL TRADE	309	-	-	12	24	45	64	60	60	23	21	47.0
ALL OTHER INDUSTRIES	397	5	-	28	31	64	145	80	10	21	13	38.9
MANAGEMENT RELATED OCCUPATIONS	16 274	11	214	2 977	4 145	2 658	2 268	1 983	1 061	654	303	31.5
ACCOUNTANTS AND AUDITORS	5 262	11	34	1 160	1 433	638	699	619	388	203	77	30.0
BUYERS AND PURCHASING AGENTS	2 468	-	48	523	586	344	254	272	190	181	70	31.1
PROFESSIONAL SPECIALTY OCCUPATIONS	113 035	327	985	15 571	25 820	20 884	23 133	14 808	5 575	3 363	2 569	33.3
ENGINEERS, ARCHITECTS, AND SURVEYORS	1 577	15	7	415	451	260	213	105	75	16	20	28.9
ARCHITECTS	400	-	-	-	118	108	70	61	19	16	8	33.8
ENGINEERS	1 167	15	7	415	333	146	139	44	56	-	12	27.2
ELECTRICAL AND ELECTRONIC ENGINEERS	310	7	-	126	86	40	22	17	12	-	-	26.3
MECHANICAL ENGINEERS	100	8	-	43	30	-	-	5	14	-	-	24.9
OTHER ENGINEERS	757	-	7	246	217	106	117	22	30	-	12	27.9
SURVEYORS AND MAPPING SCIENTISTS	10	-	-	-	-	6	4	-	-	-	-	34.2
MATHEMATICAL AND COMPUTER SCIENTISTS	2 491	-	9	446	777	572	365	162	93	60	7	30.1
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	1 274	-	-	251	426	265	220	63	20	22	7	29.5
NATURAL SCIENTISTS	1 508	-	13	234	478	249	267	154	29	38	46	30.6
HEALTH DIAGNOSING OCCUPATIONS	2 226	-	-	105	647	562	514	202	104	51	41	33.2
PHYSICIANS	1 902	-	-	55	570	490	456	189	68	40	34	33.3
DENTISTS	164	-	-	21	58	20	15	13	24	6	7	30.7
OTHER HEALTH DIAGNOSING PRACTITIONERS	160	-	-	29	19	52	43	-	12	5	-	33.1
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	31 340	12	91	5 473	7 976	4 745	5 879	4 215	1 632	863	454	32.2
REGISTERED NURSES	25 782	5	23	3 991	6 206	4 033	5 167	3 713	1 494	776	374	33.3
PHARMACISTS	447	-	16	187	135	17	27	47	12	6	-	25.8
THERAPISTS	3 618	-	34	890	1 309	521	479	253	61	44	27	28.4
TEACHERS, LIBRARIANS, AND COUNSELORS	49 674	186	565	5 401	9 562	9 529	11 447	7 450	2 581	1 652	1 301	34.8
TEACHERS, POSTSECONDARY	5 710	13	120	640	920	1 186	1 488	775	312	161	95	34.9
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	26 356	32	123	2 717	5 136	5 174	6 343	4 247	1 201	822	561	35.0
TEACHERS, SECONDARY	7 561	8	27	692	1 576	1 678	1 670	1 152	392	255	111	34.4
SOCIAL SCIENTISTS AND URBAN PLANNERS	2 716	-	5	261	757	697	544	311	80	42	19	32.4
SOCIAL AND RECREATION WORKERS	7 221	33	139	1 012	1 524	1 328	1 352	871	488	252	222	33.4
RELIGIOUS WORKERS	760	5	-	61	76	102	229	138	28	22	99	41.5
LAWYERS AND JUDGES	2 128	-	-	203	713	588	348	96	38	64	78	31.3
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	11 394	76	156	1 960	2 859	2 252	1 975	1 104	427	303	282	31.4
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	291 837	11 482	19 673	56 485	39 675	28 883	43 562	45 626	22 286	14 956	9 209	33.2
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	22 371	64	536	5 416	5 235	3 349	3 407	2 208	971	770	415	29.9
HEALTH TECHNOLOGISTS AND TECHNICIANS	12 711	5	204	2 843	2 935	1 980	2 117	1 286	552	521	268	30.9
LICENSED PRACTICAL NURSES	4 843	-	71	462	783	874	1 034	738	363	358	160	37.0
ENGINEERING AND SCIENCE TECHNICIANS	3 301	38	157	937	620	325	358	378	290	137	61	29.2
ELECTRICAL AND ELECTRONIC TECHNICIANS	623	6	5	130	96	85	127	60	72	17	25	34.4
DRAFTING AND SURVEYING TECHNICIANS	696	13	61	178	97	77	50	111	44	43	22	29.9
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	6 359	21	175	1 636	1 680	1 044	932	544	129	112	86	29.0
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	2 695	8	64	756	823	470	380	143	39	12	-	28.2
SALES OCCUPATIONS	61 115	6 811	6 589	10 224	6 296	4 862	8 303	8 562	4 158	3 055	2 255	30.7
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	5 101	33	171	1 150	955	571	787	615	400	218	201	32.1
SELF-EMPLOYED	852	-	-	33	58	79	198	170	148	91	75	48.5
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	9 380	98	156	1 482	1 780	1 251	2 012	1 557	573	305	166	34.7
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	2 730	63	108	609	654	384	411	321	79	53	48	29.5
SALES WORKERS, RETAIL AND PERSONAL SERVICES	43 778	6 617	6 154	6 973	2 907	2 656	5 062	6 064	3 053	2 452	1 840	28.7
CASHIERS	17 090	3 281	3 008	3 113	1 160	961	1 969	1 784	863	590	361	22.9
SALES RELATED OCCUPATIONS	126	-	-	10	-	-	31	5	53	27	-	56.6

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TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	208 351	4 607	12 548	40 845	28 144	20 672	31 852	34 856	17 157	11 131	6 539	34.4
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	9 435	10	133	1 142	1 702	1 129	1 697	1 925	985	498	214	38.3
COMPUTER EQUIPMENT OPERATORS	3 747	62	318	990	659	344	636	435	165	105	33	28.8
SECRETARIES, STENOGRAPHERS, AND TYPISTS	78 147	1 135	4 191	16 392	11 148	8 072	12 247	12 747	6 003	3 866	2 346	33.8
SECRETARIES	65 531	653	2 823	13 986	9 801	7 010	10 500	10 836	4 940	3 038	1 944	33.9
RECEPTIONISTS	6 156	248	615	1 419	663	428	794	927	447	383	232	31.6
FILE CLERKS	4 358	618	739	781	340	397	355	585	259	180	104	25.6
FINANCIAL RECORDS PROCESSING OCCUPATIONS	28 814	267	885	4 517	3 333	2 884	4 779	5 762	3 023	1 968	1 396	40.3
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	23 108	162	644	3 395	2 671	2 243	3 800	4 777	2 547	1 659	1 210	41.3
TELEPHONE OPERATORS	4 247	31	284	433	404	350	624	1 179	461	294	187	45.0
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	2 593	92	321	404	242	201	295	394	302	232	110	36.4
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	3 637	96	249	752	451	360	537	551	334	180	127	33.8
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	1 859	4	69	548	506	218	197	182	70	65	-	28.0
BANK TELLERS	5 992	145	841	1 782	754	455	780	683	323	158	71	26.5
DATA-ENTRY KEYERS	6 513	71	475	1 341	953	1 042	1 397	801	244	144	45	32.0
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	52 853	1 828	3 428	10 344	6 989	4 792	7 514	8 685	4 541	3 058	1 674	34.0
SERVICE OCCUPATIONS	91 755	7 710	8 171	16 333	9 162	7 190	13 474	13 687	6 600	5 075	4 353	33.1
PRIVATE HOUSEHOLD OCCUPATIONS	4 858	615	303	461	418	242	528	591	354	449	897	42.0
PROTECTIVE SERVICE OCCUPATIONS	3 203	52	289	575	274	230	568	725	253	154	83	38.2
FIREFIGHTING OCCUPATIONS	17	-	-	6	6	-	-	5	-	-	-	27.1
POLICE AND DETECTIVES, PUBLIC SERVICE	452	-	6	52	96	95	73	59	40	18	13	33.8
GUARDS	2 426	52	283	462	153	119	471	561	187	97	41	38.2
OTHER PROTECTIVE SERVICE OCCUPATIONS	308	-	-	55	19	16	24	100	26	39	29	49.3
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	83 694	7 043	7 579	15 297	8 470	6 718	12 378	12 371	5 993	4 472	3 373	32.6
FOOD PREPARATION AND SERVICE OCCUPATIONS	34 520	4 315	4 221	6 258	3 046	2 102	4 509	4 923	2 379	1 579	1 188	29.0
WAITERS AND FOOD COUNTER WORKERS	19 557	2 954	2 526	4 449	2 195	1 419	2 390	1 999	690	540	395	24.8
COOKS	4 289	280	404	463	248	249	633	839	496	357	320	43.0
HEALTH SERVICE OCCUPATIONS	24 137	1 717	2 138	5 437	2 719	2 075	3 446	3 303	1 380	1 222	700	30.1
NURSING AIDES, ORDERLIES, AND ATTENDANTS	18 291	1 093	1 535	3 723	2 008	1 594	2 861	2 881	1 053	994	549	32.5
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	7 746	536	397	894	419	470	1 195	1 471	1 059	772	533	44.7
PERSONAL SERVICE OCCUPATIONS	17 291	475	823	2 708	2 286	2 071	3 228	2 674	1 175	899	952	35.8
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	4 556	-	196	931	632	633	920	470	328	221	225	34.1
FARMING, FORESTRY, AND FISHING OCCUPATIONS	1 224	48	168	320	178	107	92	89	93	70	59	27.1
FARM OPERATORS AND MANAGERS	95	-	13	21	13	20	-	-	17	11	-	30.1
FARM OCCUPATIONS, EXCEPT MANAGERIAL	411	35	41	75	28	54	33	50	37	18	40	32.5
RELATED AGRICULTURAL OCCUPATIONS	688	13	114	213	125	33	52	39	39	41	19	25.2
FORESTRY AND FISHING OCCUPATIONS	30	-	-	11	12	-	7	-	-	-	-	26.7
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	10 535	161	290	1 496	1 349	1 050	1 873	1 987	1 148	703	478	39.7
MECHANICS AND REPAIRERS	1 284	5	26	215	273	167	227	171	114	59	27	33.7
AUTOMOBILE MECHANICS, INCLUDING BODY	101	-	-	20	41	17	-	10	6	-	7	28.7
AIRCRAFT MECHANICS	26	-	-	-	-	-	-	19	7	-	-	52.7
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER MECHANICS AND REPAIRERS	1 157	5	26	195	232	150	227	142	101	59	20	34.0
CONSTRUCTION TRADES	561	14	29	121	107	31	81	76	50	12	40	31.5
CARPENTERS	149	14	9	49	32	-	32	6	-	-	7	25.4
ELECTRICIANS	99	-	8	18	17	4	11	7	14	-	20	41.1
PAINTERS, CONSTRUCTION AND MAINTENANCE	135	-	8	30	46	12	11	4	13	5	6	28.2
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	31	-	-	7	5	5	-	7	-	-	7	33.5
OTHER CONSTRUCTION TRADES	147	-	4	17	7	10	27	52	23	7	-	46.8
EXTRACTIVE OCCUPATIONS	5	5	-	-	-	-	-	-	-	-	-	17.0
PRECISION PRODUCTION OCCUPATIONS	8 685	137	235	1 160	969	852	1 565	1 740	984	632	411	41.2
SUPERVISORS, PRODUCTION OCCUPATIONS	2 829	20	53	289	402	354	451	620	394	176	70	41.5
MANUFACTURING	1 841	5	25	140	247	274	299	418	260	126	47	42.0
PRECISION METALWORKING OCCUPATIONS	639	19	23	98	85	79	101	118	47	40	29	36.5
TOOL AND DIE MAKERS	34	-	-	-	-	8	-	-	-	6	20	65.7
MACHINISTS	322	-	7	59	52	37	58	57	29	23	-	36.3
SHEET METAL WORKERS	41	-	-	-	-	12	11	-	18	-	-	38.9
OTHER PRECISION METAL WORKERS	242	19	16	39	33	22	32	61	-	11	9	33.2
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	1 391	14	13	101	106	133	292	299	139	110	184	46.1
PLANT AND SYSTEM OPERATORS	41	-	4	12	8	-	11	6	-	-	-	27.8
OTHER PRECISION PRODUCTION OCCUPATIONS	3 785	84	142	660	368	286	710	697	404	306	128	39.8

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TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	47 925	1 208	2 335	5 729	4 151	4 241	8 760	9 849	5 743	3 993	1 916	42.2
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	36 069	614	1 555	4 077	3 052	3 141	6 363	7 970	4 669	3 151	1 477	43.8
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	19 926	339	644	1 752	1 546	1 764	3 548	4 407	2 795	2 017	1 114	45.9
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	494	5	28	102	44	27	96	91	57	20	24	41.1
PRINTING MACHINE OPERATORS	1 375	17	54	265	262	158	197	220	85	84	33	32.8
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	9 537	137	204	382	441	616	1 670	2 535	1 503	1 257	792	50.2
TEXTILE MACHINE OPERATORS	305	4	-	48	46	12	47	75	31	42	-	44.2
TEXTILE SEWING MACHINE OPERATORS	6 590	21	51	195	293	432	1 155	1 889	1 130	912	512	51.2
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	1 396	99	91	89	53	105	179	292	180	163	145	47.1
OTHER SPECIFIED MACHINE OPERATORS	2 679	80	159	352	281	314	409	417	360	227	80	38.0
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	5 841	100	199	651	518	649	1 176	1 144	790	429	185	41.2
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	1 708	44	100	239	174	233	282	275	206	96	59	37.4
MACHINE OPERATORS, NOT SPECIFIED	4 133	56	99	412	344	416	894	869	584	333	126	42.7
INDUSTRY:												
MANUFACTURING	4 914	62	121	488	415	591	962	1 033	701	378	163	42.6
NONDURABLE GOODS	1 732	46	30	112	161	196	370	315	300	111	91	43.4
FOOD AND KINDRED PRODUCTS	178	19	4	8	8	14	32	32	20	20	21	49.0
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	229	-	7	18	14	18	68	22	42	8	32	42.2
PAPER AND ALLIED PRODUCTS	502	-	13	25	55	57	96	152	69	26	9	45.6
OTHER NONDURABLE GOODS	823	27	6	61	84	107	174	109	169	57	29	41.6
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	3 182	16	91	376	254	395	592	718	401	267	72	42.2
METAL INDUSTRIES	482	-	6	55	57	61	39	108	66	71	19	46.9
MACHINERY, INCLUDING ELECTRICAL	1 568	10	66	205	119	218	321	310	174	110	35	39.6
TRANSPORTATION EQUIPMENT	207	-	7	28	6	32	35	20	28	45	6	44.2
OTHER DURABLE GOODS	925	6	12	88	72	84	197	280	133	41	12	45.1
NONMANUFACTURING INDUSTRIES	927	38	78	163	103	58	214	111	89	51	22	36.0
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	72	-	16	9	7	5	15	13	-	-	7	34.0
WHOLESALE AND RETAIL TRADE	380	27	20	65	23	15	128	52	31	8	11	37.5
ALL OTHER INDUSTRIES	475	11	42	89	73	38	71	46	58	43	4	33.0
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	11 904	235	739	1 818	1 139	934	2 232	2 485	1 306	742	274	39.6
WELDERS AND CUTTERS	350	7	21	101	51	15	20	60	53	14	8	29.5
ASSEMBLERS	10 506	214	658	1 544	955	811	1 994	2 253	1 156	690	231	40.1
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	1 048	14	60	173	133	108	218	172	97	38	35	36.6
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	4 239	40	172	507	367	443	583	1 078	568	392	89	45.1
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	3 056	16	100	404	390	471	923	442	117	115	78	36.4
MOTOR VEHICLE OPERATORS	2 688	16	66	307	355	438	857	402	99	87	61	36.6
TRUCK DRIVERS AND DRIVER-SALES WORKERS	566	11	40	102	97	91	67	74	29	25	30	31.8
BUS DRIVERS	1 838	5	26	117	235	321	722	299	57	39	17	37.6
RAIL AND WATER TRANSPORTATION OCCUPATIONS	45	-	-	24	9	6	-	6	-	-	-	24.8
MATERIAL MOVING EQUIPMENT OPERATORS	323	-	34	73	26	27	66	34	18	28	17	35.3
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	13	-	-	-	-	-	6	7	-	-	-	50.4
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	8 800	578	680	1 248	709	629	1 474	1 437	957	727	361	38.9
CONSTRUCTION LABORERS	103	30	-	11	7	3	12	28	4	-	8	35.2
FREIGHT, STOCK, AND MATERIAL HANDLERS	1 917	325	292	372	173	99	275	176	101	69	35	24.4
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	115	16	13	39	11	6	25	-	-	5	-	23.6
HAND PACKERS AND PACKAGERS	4 827	157	223	576	344	399	837	900	649	518	224	43.6
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	273	-	36	22	6	4	32	61	39	38	35	51.4
LABORERS, EXCEPT CONSTRUCTION	1 565	50	116	228	168	118	293	272	164	97	59	37.8
MANUFACTURING	545	16	59	51	39	45	113	97	46	40	39	39.9
NONDURABLE GOODS	352	10	42	38	26	23	76	50	26	22	39	40.4
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	193	6	17	13	13	22	37	47	20	18	-	39.2
METAL INDUSTRIES	37	6	-	-	-	-	6	14	5	6	-	52.3
NONMANUFACTURING INDUSTRIES	1 020	34	57	177	129	73	180	175	118	57	20	36.7
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	70	-	-	12	14	7	21	11	-	-	5	35.9
WHOLESALE AND RETAIL TRADE	612	34	38	86	53	42	116	113	88	42	-	38.1
ALL OTHER INDUSTRIES	338	-	19	79	62	24	43	51	30	15	15	31.9

TABLE 221. OCCUPATION OF EMPLOYED PERSONS BY AGE, 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	TOTAL, 16 YEARS AND OVER	16 AND 17 YEARS	18 AND 19 YEARS	20 TO 24 YEARS	25 TO 29 YEARS	30 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 59 YEARS	60 TO 64 YEARS	65 YEARS AND OVER	MEDIAN AGE
TOTAL												
EMPLOYED MALES 16 YEARS AND OVER	72 910	2 202	3 235	9 072	9 575	10 021	14 574	12 166	5 847	3 902	2 316	36.5
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	18 411	15	133	893	2 137	3 456	5 346	3 661	1 588	770	412	39.4
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	9 669	9	59	474	951	1 768	2 944	1 863	998	413	190	40.0
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	303	-	-	6	7	31	111	70	42	25	11	44.6
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	318	-	6	8	14	37	118	109	26	-	-	43.0
MANAGERS, MEDICINE AND HEALTH	64	-	-	-	5	6	5	34	7	7	-	48.6
OTHER SPECIFIED MANAGERS	1 745	-	-	76	158	378	610	297	106	65	55	38.5
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	4 544	9	36	194	404	785	1 540	886	483	153	54	40.4
MANUFACTURING	2 021	-	6	31	113	334	815	410	231	63	18	41.6
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	354	-	-	21	34	36	85	115	55	8	-	45.1
WHOLESALE AND RETAIL TRADE	957	6	23	106	155	196	200	145	68	47	11	34.8
ALL OTHER INDUSTRIES	1 212	3	7	36	102	219	440	216	129	35	25	40.0
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	392	-	-	5	55	79	89	88	33	17	26	42.4
CONSTRUCTION	68	-	-	5	9	24	24	-	6	-	-	34.2
MANUFACTURING	91	-	-	-	21	14	14	29	5	-	8	43.8
WHOLESALE AND RETAIL TRADE	150	-	-	-	8	34	44	28	8	17	11	43.5
ALL OTHER INDUSTRIES	83	-	-	-	17	7	7	31	14	-	7	49.0
MANAGEMENT RELATED OCCUPATIONS	2 303	-	17	185	308	452	471	379	301	146	44	38.6
ACCOUNTANTS AND AUDITORS	949	-	-	114	166	185	197	141	89	50	7	35.4
BUYERS AND PURCHASING AGENTS	406	-	7	42	76	71	79	58	41	32	-	35.9
PROFESSIONAL SPECIALTY OCCUPATIONS	8 742	6	74	419	1 186	1 688	2 402	1 798	590	357	222	38.7
ENGINEERS, ARCHITECTS, AND SURVEYORS	3 270	-	-	181	432	575	857	793	265	148	19	39.8
ARCHITECTS	70	-	-	18	3	15	6	12	-	16	-	34.7
ENGINEERS	3 162	-	-	163	429	549	851	760	259	132	19	39.8
ELECTRICAL AND ELECTRONIC ENGINEERS	1 078	-	-	68	83	206	286	325	72	38	-	41.7
MECHANICAL ENGINEERS	442	-	-	23	88	59	144	60	50	18	-	38.5
OTHER ENGINEERS	1 642	-	-	72	258	284	421	375	137	76	19	38.9
SURVEYORS AND MAPPING SCIENTISTS	38	-	-	-	-	11	-	21	6	-	-	48.1
MATHEMATICAL AND COMPUTER SCIENTISTS	407	-	-	31	112	78	141	22	10	-	13	33.9
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	294	-	-	17	88	58	108	11	5	-	7	33.6
NATURAL SCIENTISTS	268	-	10	-	55	38	73	68	5	12	7	38.4
HEALTH DIAGNOSING OCCUPATIONS	532	-	-	7	17	44	197	162	55	9	41	45.0
PHYSICIANS	293	-	-	-	-	7	128	81	32	9	36	45.9
DENTISTS	133	-	-	7	7	20	37	47	10	-	5	44.0
OTHER HEALTH DIAGNOSING PRACTITIONERS	106	-	-	-	10	17	32	34	13	-	-	43.8
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	214	-	-	17	49	45	40	35	6	16	6	34.6
REGISTERED NURSES	41	-	-	-	18	-	17	6	-	-	-	35.7
PHARMACISTS	122	-	-	8	12	32	23	19	6	16	6	41.1
THERAPISTS	45	-	-	9	13	13	-	10	-	-	-	30.2
TEACHERS, LIBRARIANS, AND COUNSELORS	2 123	6	17	83	280	510	629	360	121	80	37	37.0
TEACHERS, POSTSECONDARY	311	-	-	6	12	26	127	60	28	34	18	43.9
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	817	-	6	37	117	268	210	112	35	20	12	34.6
TEACHERS, SECONDARY	698	-	-	22	114	145	207	153	37	20	-	37.8
SOCIAL SCIENTISTS AND URBAN PLANNERS	231	-	-	24	19	70	58	24	16	20	-	35.6
SOCIAL AND RECREATION WORKERS	275	-	7	36	66	79	39	17	6	6	19	31.8
RELIGIOUS WORKERS	169	-	-	-	19	31	46	73	-	-	-	43.1
LAWYERS AND JUDGES	421	-	4	-	39	81	162	61	22	22	30	40.9
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	832	-	36	40	98	137	160	183	84	44	50	41.8
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	14 451	353	523	1 920	2 195	1 885	2 688	2 515	1 149	772	451	36.2
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	3 198	19	109	674	582	500	539	512	158	79	26	32.1
HEALTH TECHNOLOGISTS AND TECHNICIANS	211	-	11	20	71	46	25	33	5	-	-	30.4
LICENSED PRACTICAL NURSES	20	-	-	-	7	7	-	6	-	-	-	32.1
ENGINEERING AND SCIENCE TECHNICIANS	2 160	13	93	518	378	259	344	347	110	79	19	31.5
ELECTRICAL AND ELECTRONIC TECHNICIANS	942	7	33	288	239	118	104	118	28	7	-	28.0
DRAFTING AND SURVEYING TECHNICIANS	721	6	41	130	68	98	125	159	57	37	-	36.5
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	827	6	5	136	133	195	170	132	43	-	7	33.4
AIRPLANE PILOTS AND NAVIGATORS	73	6	-	-	5	4	31	22	5	-	-	43.1
COMPUTER PROGRAMMERS	278	-	-	49	97	54	46	26	6	-	-	29.6
SALES OCCUPATIONS	5 955	239	135	556	843	751	1 271	1 019	572	306	263	38.1
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 361	17	5	77	208	184	362	294	117	74	23	38.9
SELF-EMPLOYED	294	-	-	8	40	24	73	63	38	30	18	45.4
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	1 146	-	-	57	176	153	300	232	105	54	69	40.9
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	1 509	6	5	102	242	254	358	296	123	68	55	38.9
SALES WORKERS, RETAIL AND PERSONAL SERVICES	1 939	216	125	320	217	160	251	197	227	110	116	32.9
CASHIERS	260	63	14	87	5	4	28	12	22	5	20	21.7
SALES RELATED OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 221. OCCUPATION OF EMPLOYED PERSONS BY AGE, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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LAWRENCE-HAVERHILL, MA-NH SMSA	TOTAL, 16 YEARS AND OVER	16 AND 17 YEARS	18 AND 19 YEARS	20 TO 24 YEARS	25 TO 29 YEARS	30 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 59 YEARS	60 TO 64 YEARS	65 YEARS AND OVER	MEDIAN AGE
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	5 298	95	279	690	770	634	878	984	419	387	162	37.1
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	757	-	-	49	103	110	208	195	50	24	18	41.6
COMPUTER EQUIPMENT OPERATORS	290	-	34	38	69	68	53	22	6	-	-	30.3
SECRETARIES, STENOGRAPHERS, AND TYPISTS	58	-	-	11	6	-	-	10	25	6	-	55.4
SECRETARIES	33	-	-	6	6	-	-	-	15	6	-	56.5
RECEPTIONISTS	13	-	-	-	7	-	6	-	-	-	-	29.6
FILE CLERKS	86	-	-	25	-	7	-	42	6	-	6	47.0
FINANCIAL RECORDS PROCESSING OCCUPATIONS	241	18	-	7	27	60	33	36	12	24	24	38.5
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	135	6	-	7	20	33	21	18	-	12	18	36.1
TELEPHONE OPERATORS	21	-	-	-	16	5	-	-	-	-	-	28.3
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	693	-	21	44	28	89	118	187	115	75	16	47.2
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	1 323	36	90	241	219	93	195	192	92	143	22	34.1
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	97	-	-	6	32	12	18	14	-	15	-	34.4
BANK TELLERS	31	-	-	18	6	-	-	7	-	-	-	23.9
DATA-ENTRY KEYERS	36	-	12	12	6	-	-	-	-	6	-	23.5
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	1 652	41	122	239	251	190	247	279	113	94	76	34.6
SERVICE OCCUPATIONS	6 750	720	453	743	590	642	1 102	901	601	538	460	36.9
PRIVATE HOUSEHOLD OCCUPATIONS	34	22	6	-	-	-	-	6	-	-	-	17.5
PROTECTIVE SERVICE OCCUPATIONS	2 194	21	13	152	213	341	574	367	192	189	132	40.5
FIREFIGHTING OCCUPATIONS	543	-	-	30	39	119	186	101	38	30	-	39.6
POLICE AND DETECTIVES, PUBLIC SERVICE	539	-	-	-	86	129	209	47	46	22	-	36.8
GUARDS	804	21	13	115	78	73	81	102	101	107	113	47.6
OTHER PROTECTIVE SERVICE OCCUPATIONS	308	-	-	7	10	20	98	117	7	30	19	46.7
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	4 522	677	434	591	377	301	528	528	409	349	328	33.0
FOOD PREPARATION AND SERVICE OCCUPATIONS	1 589	490	260	226	135	85	104	109	76	35	69	20.7
WAITERS AND FOOD COUNTER WORKERS	162	54	43	18	12	5	-	19	-	-	11	19.3
COOKS	610	166	112	105	45	39	45	35	31	25	7	20.8
HEALTH SERVICE OCCUPATIONS	194	-	20	47	31	35	26	30	5	-	-	29.8
NURSING AIDES, ORDERLIES, AND ATTENDANTS	130	-	8	47	6	21	19	24	5	-	-	31.0
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	2 216	168	111	257	146	121	275	339	297	282	220	46.8
PERSONAL SERVICE OCCUPATIONS	523	19	43	61	65	60	123	50	31	32	39	35.9
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	344	-	-	30	29	37	113	47	24	25	39	40.0
FARMING, FORESTRY, AND FISHING OCCUPATIONS	687	55	77	89	102	106	56	79	34	34	55	31.0
FARM OPERATORS AND MANAGERS	173	-	-	7	19	31	32	10	21	14	39	42.5
FARM OCCUPATIONS, EXCEPT MANAGERIAL	159	19	29	24	38	12	-	26	6	-	5	26.0
RELATED AGRICULTURAL OCCUPATIONS	300	28	42	46	45	40	24	37	7	20	11	28.8
FORESTRY AND FISHING OCCUPATIONS	55	8	6	12	-	23	-	6	-	-	-	30.3
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	15 774	124	548	2 249	2 299	2 249	3 059	2 671	1 241	956	378	36.2
MECHANICS AND REPAIRERS	4 554	33	249	655	668	645	879	744	299	263	119	35.3
AUTOMOBILE MECHANICS, INCLUDING BODY	1 562	13	134	422	221	188	197	199	70	75	43	29.8
AIRCRAFT MECHANICS	93	-	-	-	25	35	21	12	-	-	-	33.1
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	194	-	8	19	43	11	48	32	31	-	-	37.1
OTHER MECHANICS AND REPAIRERS	2 705	20	107	214	377	411	613	501	198	188	76	38.2
CONSTRUCTION TRADES	4 588	52	140	779	811	661	910	659	293	217	66	33.9
CARPENTERS	1 294	15	48	220	252	169	261	145	88	60	36	33.3
ELECTRICIANS	653	9	43	135	160	50	118	99	12	27	-	29.4
PAINTERS, CONSTRUCTION AND MAINTENANCE	453	5	-	118	80	47	81	80	30	6	6	32.5
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	555	10	18	67	75	69	141	64	57	41	13	37.0
OTHER CONSTRUCTION TRADES	1 633	13	31	239	244	326	309	271	106	83	11	34.4
EXTRACTIVE OCCUPATIONS	24	-	-	-	5	6	6	7	-	-	-	35.8
PRECISION PRODUCTION OCCUPATIONS	6 608	39	159	815	815	937	1 264	1 261	649	476	193	38.8
SUPERVISORS, PRODUCTION OCCUPATIONS	2 867	6	18	225	362	493	648	655	241	161	58	40.0
MANUFACTURING	2 449	-	13	210	282	418	541	606	198	141	40	40.8
PRECISION METALWORKING OCCUPATIONS	1 862	12	74	279	268	189	319	324	228	139	30	37.9
TOOL AND DIE MAKERS	270	5	6	36	14	11	43	68	61	20	6	47.5
MACHINISTS	1 093	7	54	219	204	106	199	142	86	62	14	32.9
SHEET METAL WORKERS	217	-	5	18	46	41	39	-	29	39	-	34.8
OTHER PRECISION METAL WORKERS	282	-	9	6	4	31	38	114	52	18	10	51.8
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	375	-	8	44	32	25	89	45	47	37	48	43.8
PLANT AND SYSTEM OPERATORS	226	-	-	7	17	50	16	75	34	14	13	48.8
OTHER PRECISION PRODUCTION OCCUPATIONS	1 278	21	59	260	136	180	192	162	99	125	44	34.5

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TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	16 837	935	1 501	3 178	2 252	1 683	2 323	2 339	1 234	832	560	31.6
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	9 399	97	720	1 898	1 323	1 041	1 398	1 354	778	477	313	33.2
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	6 011	47	336	1 066	793	664	990	941	589	351	234	36.0
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	624	6	32	112	107	47	97	86	103	24	10	35.9
PRINTING MACHINE OPERATORS	414	-	34	57	46	48	125	65	15	5	19	36.5
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	1 095	17	56	189	124	166	172	173	75	71	52	34.9
TEXTILE MACHINE OPERATORS	519	-	23	109	46	103	71	79	41	36	11	34.0
TEXTILE SEWING MACHINE OPERATORS	58	-	-	-	10	7	22	15	-	-	4	41.7
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	99	6	14	30	7	17	8	5	-	-	12	24.9
OTHER SPECIFIED MACHINE OPERATORS	1 526	18	87	202	205	154	275	250	180	96	59	38.6
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	2 352	6	127	506	311	249	321	367	216	155	94	34.5
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	555	-	17	145	58	42	78	60	82	41	32	37.1
MACHINE OPERATORS, NOT SPECIFIED	1 797	6	110	361	253	207	243	307	134	114	62	34.1
INDUSTRY:												
MANUFACTURING	2 220	6	122	494	307	233	305	334	216	134	69	33.9
NONDURABLE GOODS	924	6	45	194	153	124	93	124	109	62	14	32.6
FOOD AND KINDRED PRODUCTS	42	-	-	-	12	15	9	6	-	-	-	33.0
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	185	-	-	14	48	35	26	39	17	6	-	34.4
PAPER AND ALLIED PRODUCTS	261	-	4	43	33	15	35	36	55	26	14	45.1
OTHER NONDURABLE GOODS	436	6	41	137	60	59	23	43	37	30	-	27.8
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	1 296	-	77	300	154	109	212	210	107	72	55	35.5
METAL INDUSTRIES	157	-	-	57	6	19	25	20	14	7	9	34.1
MACHINERY, INCLUDING ELECTRICAL	819	-	55	201	86	50	129	134	69	59	36	36.5
TRANSPORTATION EQUIPMENT	100	-	-	16	14	-	27	20	13	-	10	43.4
OTHER DURABLE GOODS	220	-	22	26	48	40	31	36	11	6	-	31.7
NONMANUFACTURING INDUSTRIES	132	-	5	12	4	16	16	33	-	21	25	47.0
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	27	-	5	-	-	-	10	12	-	-	-	43.1
WHOLESALE AND RETAIL TRADE	67	-	-	6	4	-	6	16	-	15	20	60.5
ALL OTHER INDUSTRIES	38	-	-	6	-	16	-	5	-	6	5	34.1
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	2 345	46	294	614	379	259	256	238	127	89	43	27.9
WELDERS AND CUTTERS	516	10	22	122	62	109	81	39	47	11	13	31.9
ASSEMBLERS	1 739	36	272	479	285	150	171	178	74	72	22	26.4
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	90	-	-	13	32	-	4	21	6	6	8	35.0
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 043	4	90	218	151	118	152	175	62	37	36	32.5
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	3 563	44	158	537	540	359	639	646	293	228	119	37.3
MOTOR VEHICLE OPERATORS	2 571	25	77	361	397	276	507	472	204	141	111	37.9
TRUCK DRIVERS AND DRIVER-SALES WORKERS	2 253	25	65	332	360	251	478	429	156	121	36	37.0
BUS DRIVERS	79	-	-	-	5	6	16	15	6	4	27	53.4
RAIL AND WATER TRANSPORTATION OCCUPATIONS	35	-	-	-	-	12	-	17	6	-	-	46.6
MATERIAL MOVING EQUIPMENT OPERATORS	957	19	81	176	143	71	132	157	83	87	8	34.2
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	60	-	-	13	7	15	4	14	7	-	-	33.3
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	3 875	794	623	743	389	283	286	339	163	127	128	23.5
CONSTRUCTION LABORERS	508	34	31	96	96	88	77	42	15	29	-	29.8
FREIGHT, STOCK, AND MATERIAL HANDLERS	1 447	564	291	201	94	30	44	107	59	23	34	19.1
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	338	99	96	72	23	-	6	8	6	5	23	19.5
HAND PACKERS AND PACKAGERS	354	22	69	86	60	18	30	33	24	12	-	25.0
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	263	50	42	36	33	18	25	43	6	-	10	25.5
LABORERS, EXCEPT CONSTRUCTION	965	25	94	252	83	129	104	106	53	58	61	31.1
MANUFACTURING	365	17	17	82	28	24	54	67	13	30	33	37.3
NONDURABLE GOODS	224	11	13	67	17	20	49	22	7	11	7	31.0
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	141	6	4	15	11	4	5	45	6	19	26	49.9
METAL INDUSTRIES	24	-	-	-	-	4	-	7	-	-	13	65.4
NONMANUFACTURING INDUSTRIES	600	8	77	170	55	105	50	39	40	28	28	29.1
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	137	-	-	41	7	23	19	15	10	8	14	34.5
WHOLESALE AND RETAIL TRADE	260	-	62	81	35	44	9	6	10	6	7	23.7
ALL OTHER INDUSTRIES	203	8	15	48	13	38	22	18	20	14	7	32.3

TABLE 221. OCCUPATION OF EMPLOYED PERSONS BY AGE, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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LAWRENCE-HAVERHILL, MA-NH SMSA	TOTAL, 16 YEARS AND OVER	16 AND 17 YEARS	18 AND 19 YEARS	20 TO 24 YEARS	25 TO 29 YEARS	30 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 59 YEARS	60 TO 64 YEARS	65 YEARS AND OVER	MEDIAN AGE
TOTAL												
EMPLOYED FEMALES 16 YEARS AND OVER	56 878	2 473	2 707	8 108	7 483	6 931	10 862	9 180	4 545	3 140	1 449	35.6
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	11 787	27	113	1 127	1 975	2 145	2 964	1 976	713	493	254	36.5
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	3 820	7	67	361	593	685	747	733	327	226	74	37.2
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	102	-	7	5	-	7	34	26	11	5	7	44.3
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	232	-	-	11	31	46	43	31	45	25	-	38.7
MANAGERS, MEDICINE AND HEALTH	57	-	-	-	6	7	5	26	-	6	7	51.3
OTHER SPECIFIED MANAGERS	560	-	7	49	120	89	130	75	49	30	11	36.0
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	1 289	7	30	99	215	227	227	309	52	90	33	37.5
MANUFACTURING	223	2	-	16	26	17	72	39	17	34	-	41.3
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	80	-	-	-	10	22	17	25	6	-	-	40.9
WHOLESALE AND RETAIL TRADE	401	5	30	78	84	53	73	40	6	32	-	30.3
ALL OTHER INDUSTRIES	585	-	-	5	95	135	65	205	23	24	33	43.7
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	134	-	-	18	-	18	56	20	-	12	10	38.0
CONSTRUCTION	7	-	-	-	-	-	7	-	-	-	-	37.5
MANUFACTURING	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	28	-	-	-	-	-	9	7	-	12	-	48.6
ALL OTHER INDUSTRIES	99	-	-	18	-	18	40	13	-	-	10	36.7
MANAGEMENT RELATED OCCUPATIONS	1 446	-	23	179	221	291	252	246	170	58	6	35.3
ACCOUNTANTS AND AUDITORS	*766*	-	*11*	*75*	*95*	*155*	*112*	*150*	*133*	*29*	*6*	*40.0*
BUYERS AND PURCHASING AGENTS	171	-	-	53	49	34	16	13	6	-	-	28.3
PROFESSIONAL SPECIALTY OCCUPATIONS	7 967	20	46	766	1 382	1 460	2 217	1 243	386	267	180	36.2
ENGINEERS, ARCHITECTS, AND SURVEYORS	108	-	-	19	45	-	30	14	-	-	-	28.9
ARCHITECTS	6	-	-	-	-	-	6	-	-	-	-	42.5
ENGINEERS	102	-	-	19	45	-	24	14	-	-	-	28.6
ELECTRICAL AND ELECTRONIC ENGINEERS	45	-	-	5	7	-	19	14	-	-	-	39.4
MECHANICAL ENGINEERS	4	-	-	4	-	-	-	-	-	-	-	23.5
OTHER ENGINEERS	53	-	-	10	38	-	5	-	-	-	-	27.2
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	109	-	-	19	34	30	26	-	-	-	-	30.2
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	79	-	-	6	23	24	26	-	-	-	-	32.2
NATURAL SCIENTISTS	57	-	-	5	23	11	5	13	-	-	-	30.2
HEALTH DIAGNOSING OCCUPATIONS	31	-	5	8	-	6	6	-	6	-	-	32.1
PHYSICIANS	20	-	-	8	-	6	6	-	-	-	-	31.7
DENTISTS	6	-	-	-	-	-	-	-	6	-	-	57.5
OTHER HEALTH DIAGNOSING PRACTITIONERS	5	-	5	-	-	-	-	-	-	-	-	19.0
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	2 324	5	13	217	365	303	611	510	185	93	22	38.9
REGISTERED NURSES	*1 987*	-	-	*128*	*266*	*278*	*540*	*483*	*185*	*93*	*14*	*40.6*
PHARMACISTS	55	-	13	28	8	-	6	-	-	-	-	23.6
THERAPISTS	205	-	-	38	83	15	42	27	-	-	-	28.9
TEACHERS, LIBRARIANS, AND COUNSELORS	4 197	9	6	393	704	943	1 209	573	156	114	90	35.3
TEACHERS, POSTSECONDARY	190	-	-	37	20	44	51	31	2	-	5	34.3
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	2 518	-	-	181	398	608	785	371	79	49	47	35.8
TEACHERS, SECONDARY	698	-	-	69	160	151	188	74	25	15	16	34.0
SOCIAL SCIENTISTS AND URBAN PLANNERS	69	-	-	-	33	14	14	-	-	-	8	30.5
SOCIAL AND RECREATION WORKERS	404	-	7	37	100	49	96	56	20	32	7	35.7
RELIGIOUS WORKERS	69	-	-	-	12	7	33	11	-	6	-	40.6
LAWYERS AND JUDGES	61	-	-	-	11	5	39	6	-	-	-	36.9
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	538	6	15	68	55	92	148	60	19	22	53	38.1
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	23 641	1 371	1 239	3 838	3 219	2 752	4 394	3 499	1 648	1 085	596	33.9
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	1 987	5	29	430	442	358	315	198	86	91	33	31.2
HEALTH TECHNOLOGISTS AND TECHNICIANS	1 199	5	8	171	261	265	234	135	47	47	26	32.9
LICENSED PRACTICAL NURSES	648	-	8	78	103	165	121	71	42	41	19	34.1
ENGINEERING AND SCIENCE TECHNICIANS	433	-	13	161	105	28	23	32	27	44	-	27.0
ELECTRICAL AND ELECTRONIC *TECHNICIANS*	*164*	-	-	*38*	*71*	*11*	*12*	*12*	*6*	*14*	-	*28.1*
DRAFTING AND SURVEYING TECHNICIANS	105	-	13	65	17	4	-	-	-	6	-	23.3
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	355	-	8	98	76	65	58	31	12	-	7	29.7
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	188	-	8	67	50	25	31	7	-	-	-	26.9
SALES OCCUPATIONS	5 317	1 028	418	712	485	489	839	633	301	249	163	30.2
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	514	14	-	87	108	46	101	62	63	17	16	35.2
SELF-EMPLOYED	135	-	-	13	-	10	45	17	26	17	7	44.8
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	559	-	2	47	61	64	188	123	41	26	7	39.6
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	220	-	8	32	52	33	53	17	12	13	-	32.7
SALES WORKERS, RETAIL AND PERSONAL SERVICES	4 016	1 014	408	546	264	346	489	431	185	193	140	25.8
CASHIERS	1 740	637	218	215	108	125	211	137	30	44	15	20.3
SALES RELATED OCCUPATIONS	8	-	-	-	-	-	8	-	-	-	-	37.5

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LAWRENCE-HAVERHILL, MA-NH SMSA	TOTAL, 16 YEARS AND OVER	16 AND 17 YEARS	18 AND 19 YEARS	20 TO 24 YEARS	25 TO 29 YEARS	30 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 59 YEARS	60 TO 64 YEARS	65 YEARS AND OVER	MEDIAN AGE
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	16 337	338	792	2 696	2 292	1 905	3 240	2 668	1 261	745	400	35.4
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	798	-	17	84	126	146	164	142	69	44	6	36.9
COMPUTER EQUIPMENT OPERATORS	422	-	39	78	75	60	58	86	19	7	-	31.6
SECRETARIES, STENOGRAPHERS, AND TYPISTS	5 257	78	200	887	834	706	1 050	832	382	192	96	34.5
SECRETARIES	4 388	53	139	732	675	598	921	722	308	163	77	35.0
RECEPTIONISTS	506	22	42	74	60	26	117	83	43	20	19	37.2
FILE CLERKS	392	34	69	67	17	14	45	76	35	28	7	33.2
FINANCIAL RECORDS PROCESSING OCCUPATIONS	2 438	20	89	383	212	235	499	481	253	153	113	40.3
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	1 948	13	55	282	156	187	387	438	209	120	101	42.0
TELEPHONE OPERATORS	464	-	7	92	64	49	49	133	40	10	20	39.5
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	113	-	19	10	10	19	12	27	10	6	-	34.6
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	374	14	23	76	60	45	34	75	29	18	-	31.6
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	94	-	8	15	32	12	22	5	-	-	-	28.8
BANK TELLERS	566	5	82	202	91	41	92	29	14	10	-	24.8
DATA-ENTRY KEYERS	640	-	29	108	83	112	194	77	20	17	-	34.5
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	4 273	165	168	620	628	440	904	622	347	240	139	36.3
SERVICE OCCUPATIONS	7 644	831	694	1 094	705	816	1 212	1 053	594	344	301	33.1
PRIVATE HOUSEHOLD OCCUPATIONS	302	99	-	20	11	56	10	51	14	-	41	31.9
PROTECTIVE SERVICE OCCUPATIONS	145	-	7	8	18	-	40	26	17	23	6	44.9
FIREFIGHTING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
POLICE AND DETECTIVES, PUBLIC SERVICE	11	-	-	-	11	-	-	-	-	-	-	27.5
GUARDS	128	-	7	8	7	-	40	26	17	23	-	46.4
OTHER PROTECTIVE SERVICE OCCUPATIONS	6	-	-	-	-	-	-	-	-	-	6	75+
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	7 197	732	687	1 066	676	760	1 162	976	563	321	254	32.9
FOOD PREPARATION AND SERVICE OCCUPATIONS	3 208	432	428	443	279	317	446	430	213	123	97	30.3
WAITERS AND FOOD COUNTER WORKERS	1 645	279	265	312	156	181	195	146	44	45	22	24.3
COOKS	463	33	65	49	51	23	82	51	45	35	29	36.6
HEALTH SERVICE OCCUPATIONS	1 899	150	139	443	235	213	234	274	111	67	33	29.6
NURSING AIDES, ORDERLIES, AND ATTENDANTS	1 377	104	107	280	184	160	181	205	68	55	33	30.4
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	594	104	38	14	13	33	107	107	84	41	53	44.0
PERSONAL SERVICE OCCUPATIONS	1 496	46	82	166	149	197	375	165	155	90	71	37.3
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	552	-	22	111	51	64	167	50	57	24	6	36.3
FARMING, FORESTRY, AND FISHING OCCUPATIONS	216	5	-	52	27	39	48	6	12	18	9	33.1
FARM OPERATORS AND MANAGERS	52	-	-	-	7	7	11	-	12	6	9	55.4
FARM OCCUPATIONS, EXCEPT MANAGERIAL	57	5	-	5	7	6	24	6	-	4	-	37.0
RELATED AGRICULTURAL OCCUPATIONS	86	-	-	47	6	12	13	-	-	8	-	24.7
FORESTRY AND FISHING OCCUPATIONS	21	-	-	-	7	14	-	-	-	-	-	31.3
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	2 245	28	89	398	231	182	346	514	252	188	17	40.6
MECHANICS AND REPAIRERS	344	5	7	65	36	44	43	77	34	27	6	40.3
AUTOMOBILE MECHANICS, INCLUDING BODY	31	-	-	9	-	8	14	-	-	-	-	34.1
AIRCRAFT MECHANICS	7	-	-	-	-	7	-	-	-	-	-	32.5
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	6	-	-	-	6	-	-	-	-	-	-	27.5
OTHER MECHANICS AND REPAIRERS	300	5	7	56	30	29	29	77	34	27	6	43.7
CONSTRUCTION TRADES	61	4	-	12	8	7	10	12	8	-	-	34.6
CARPENTERS	12	-	-	12	-	-	-	-	-	-	-	23.0
ELECTRICIANS	-	-	-	-	-	-	-	-	-	-	-	-
PAINTERS, CONSTRUCTION AND MAINTENANCE	21	4	-	-	-	7	10	-	-	-	-	34.6
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER CONSTRUCTION TRADES	28	-	-	-	8	-	-	12	8	-	-	47.5
EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	1 840	19	82	321	187	131	293	425	210	161	11	40.9
SUPERVISORS, PRODUCTION OCCUPATIONS	387	-	7	71	33	47	79	107	43	-	-	38.5
MANUFACTURING	336	-	-	58	28	33	79	101	37	-	-	39.9
PRECISION METALWORKING OCCUPATIONS	204	-	-	41	6	6	36	67	29	19	-	48.8
TOOL AND DIE MAKERS	-	-	-	-	-	-	-	-	-	-	-	-
MACHINISTS	59	-	-	28	-	6	4	9	-	12	-	31.3
SHEET METAL WORKERS	13	-	-	13	-	-	-	-	-	-	-	23.5
OTHER PRECISION METAL WORKERS	132	-	-	-	6	-	32	58	29	7	-	51.3
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	206	11	24	-	14	11	33	37	33	38	5	47.6
PLANT AND SYSTEM OPERATORS	6	-	-	-	-	6	-	-	-	-	-	32.5
OTHER PRECISION PRODUCTION OCCUPATIONS	1 037	8	51	209	134	61	145	214	105	104	6	38.7

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TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	11 345	211	572	1 599	1 326	997	1 898	2 132	1 326	1 012	272	40.1
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	9 743	99	392	1 396	1 142	881	1 608	1 860	1 175	939	251	40.8
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	4 801	67	205	592	509	474	828	889	511	526	200	41.5
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	189	8	10	32	12	14	45	47	7	14	-	40.4
PRINTING MACHINE OPERATORS	70	14	-	5	7	-	23	21	-	-	-	39.1
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	2 089	5	79	145	216	234	351	439	230	265	125	45.4
TEXTILE MACHINE OPERATORS	177	-	7	22	31	17	12	54	21	13	-	44.6
TEXTILE SEWING MACHINE OPERATORS	882	-	33	43	50	121	196	191	94	119	35	44.9
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	112	-	-	18	21	5	10	18	19	21	-	45.8
OTHER SPECIFIED MACHINE OPERATORS	678	16	36	91	76	46	133	127	67	79	7	39.1
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	1 775	24	80	319	198	180	276	255	207	168	68	38.0
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	588	10	43	127	74	62	60	96	49	47	20	33.2
MACHINE OPERATORS, NOT SPECIFIED	1 187	14	37	192	124	118	216	159	158	121	48	39.7
INDUSTRY:												
MANUFACTURING	1 701	19	73	313	192	180	276	230	196	161	61	37.5
NONDURABLE GOODS	357	5	12	49	47	54	50	43	31	35	31	38.4
FOOD AND KINDRED PRODUCTS	19	-	-	-	6	-	7	-	-	-	6	42.5
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	122	-	-	10	19	15	15	15	9	27	12	50.7
PAPER AND ALLIED PRODUCTS	37	-	9	-	6	-	-	6	16	-	-	52.9
OTHER NONDURABLE GOODS	179	5	3	39	16	39	28	22	6	8	13	33.4
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	1 344	14	61	264	145	126	226	187	165	126	30	37.4
METAL INDUSTRIES	46	-	-	-	21	11	-	8	6	-	-	30.9
MACHINERY, INCLUDING ELECTRICAL	1 135	14	46	237	105	92	211	173	127	118	12	37.9
TRANSPORTATION EQUIPMENT	75	-	-	13	7	5	9	6	27	8	-	52.9
OTHER DURABLE GOODS	88	-	15	14	12	18	6	-	5	-	18	30.8
NONMANUFACTURING INDUSTRIES	74	5	7	6	6	-	-	25	11	7	7	48.4
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	5	-	-	-	-	-	-	-	5	-	-	57.5
WHOLESALE AND RETAIL TRADE	18	5	-	6	-	-	-	-	-	7	-	24.0
ALL OTHER INDUSTRIES	51	-	7	-	6	-	-	25	6	-	7	48.3
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	3 363	26	160	604	428	294	504	657	413	236	41	38.6
WELDERS AND CUTTERS	70	6	-	7	6	16	15	12	8	-	-	35.0
ASSEMBLERS	2 820	20	147	496	331	239	416	543	381	206	41	39.5
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	473	-	13	101	91	39	73	102	24	30	-	34.0
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 579	6	27	200	205	113	276	314	251	177	10	43.4
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	426	7	32	26	60	50	141	87	17	6	-	39.5
MOTOR VEHICLE OPERATORS	334	7	22	13	44	50	113	73	12	-	-	38.7
TRUCK DRIVERS AND DRIVER-SALES WORKERS	70	-	22	7	19	-	15	-	7	-	-	26.6
BUS DRIVERS	257	-	-	6	25	50	98	73	5	-	-	40.5
RAIL AND WATER TRANSPORTATION OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	92	-	10	13	16	-	28	14	5	6	-	41.3
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	6	-	-	-	-	-	-	6	-	-	-	52.5
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	1 176	105	148	177	124	66	149	185	134	67	21	32.6
CONSTRUCTION LABORERS	8	-	-	8	-	-	-	-	-	-	-	21.0
FREIGHT, STOCK, AND MATERIAL HANDLERS	253	67	38	13	5	16	16	59	32	-	7	31.1
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	20	-	-	7	6	7	-	-	-	-	-	27.5
HAND PACKERS AND PACKAGERS	731	15	102	124	85	24	127	112	88	48	6	36.5
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	20	-	-	6	8	-	-	6	-	-	-	27.5
LABORERS, EXCEPT CONSTRUCTION	144	23	8	19	20	19	6	8	14	19	8	30.5
MANUFACTURING	73	-	8	13	20	4	6	8	14	-	-	28.9
NONDURABLE GOODS	48	-	-	9	7	4	6	8	14	-	-	38.3
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	25	-	8	4	13	-	-	-	-	-	-	25.2
METAL INDUSTRIES	-	-	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING INDUSTRIES	71	23	-	6	-	15	-	-	-	19	8	32.2
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	25	-	-	6	-	8	-	-	-	11	-	34.1
ALL OTHER INDUSTRIES	46	23	-	-	-	7	-	-	-	8	8	24.0

TABLE 221. OCCUPATION OF EMPLOYED PERSONS BY AGE, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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PROVIDENCE-WARWICK-PAWTUCKET, RI-MA SMSA	TOTAL, 16 YEARS AND OVER	16 AND 17 YEARS	18 AND 19 YEARS	20 TO 24 YEARS	25 TO 29 YEARS	30 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 59 YEARS	60 TO 64 YEARS	65 YEARS AND OVER	MEDIAN AGE
TOTAL												
EMPLOYED MALES 16 YEARS AND OVER	232 838	6 189	11 358	31 088	31 053	29 698	42 134	39 336	20 128	14 120	7 734	36.5
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	53 834	137	359	3 641	7 162	9 093	13 147	10 384	4 515	3 342	2 054	39.3
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	29 737	17	178	1 762	3 532	4 465	7 456	6 403	2 804	2 107	1 013	41.2
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	1 163	-	27	31	64	183	268	331	138	104	17	45.3
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	1 232	-	-	45	48	156	486	289	124	65	19	42.9
MANAGERS, MEDICINE AND HEALTH	280	-	-	28	26	88	30	72	12	11	13	34.9
OTHER SPECIFIED MANAGERS	5 355	-	17	198	571	942	1 617	1 083	532	278	117	40.4
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	14 308	17	125	912	1 649	1 926	3 560	3 278	1 246	1 050	545	41.6
MANUFACTURING	5 747	-	-	180	484	737	1 574	1 507	573	454	238	44.3
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	782	-	-	35	60	87	221	159	128	76	16	44.4
WHOLESALE AND RETAIL TRADE	3 752	11	94	425	618	523	723	745	220	226	167	37.4
ALL OTHER INDUSTRIES	4 027	6	31	272	487	579	1 042	867	325	294	124	40.3
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	1 220	-	-	50	116	169	228	292	127	147	91	47.3
CONSTRUCTION	132	-	-	6	7	26	27	36	12	18	-	45.0
MANUFACTURING	293	-	-	14	56	24	61	49	29	40	20	42.2
WHOLESALE AND RETAIL TRADE	478	-	-	30	40	81	68	90	61	56	52	47.0
ALL OTHER INDUSTRIES	317	-	-	-	13	38	72	117	25	33	19	50.5
MANAGEMENT RELATED OCCUPATIONS	6 179	-	9	498	1 058	1 001	1 267	1 058	625	452	211	38.7
ACCOUNTANTS AND AUDITORS	2 519	-	-	337	520	431	532	271	215	157	56	34.7
BUYERS AND PURCHASING AGENTS	1 018	-	3	73	187	204	146	202	108	77	18	37.9
PROFESSIONAL SPECIALTY OCCUPATIONS	24 097	120	181	1 879	3 630	4 628	5 691	3 981	1 711	1 235	1 041	37.3
ENGINEERS, ARCHITECTS, AND SURVEYORS	4 653	6	21	310	704	849	1 050	965	387	244	117	38.5
ARCHITECTS	250	6	16	9	44	31	75	54	11	4	-	36.7
ENGINEERS	4 273	-	5	276	619	801	957	882	376	240	117	38.8
ELECTRICAL AND ELECTRONIC ENGINEERS	831	-	-	42	150	168	226	153	69	18	5	36.8
MECHANICAL ENGINEERS	860	-	-	56	100	165	103	192	117	70	57	45.3
OTHER ENGINEERS	2 582	-	5	178	369	468	628	537	190	152	55	38.8
SURVEYORS AND MAPPING SCIENTISTS	130	-	-	25	41	17	18	29	-	-	-	29.9
MATHEMATICAL AND COMPUTER SCIENTISTS	725	-	6	62	99	185	231	106	13	23	-	35.3
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	507	-	-	54	58	138	168	81	-	8	-	35.1
NATURAL SCIENTISTS	626	-	-	37	119	110	160	91	18	54	37	38.2
HEALTH DIAGNOSING OCCUPATIONS	2 281	-	-	7	266	336	478	420	274	224	276	46.3
PHYSICIANS	1 530	-	-	-	202	202	330	303	142	139	212	46.1
DENTISTS	490	-	-	-	24	68	107	90	105	47	49	49.7
OTHER HEALTH DIAGNOSING PRACTITIONERS	261	-	-	7	40	66	41	27	27	38	15	40.3
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	952	-	9	135	233	164	137	118	60	44	52	33.0
REGISTERED NURSES	178	-	-	16	54	48	27	13	13	7	-	32.0
PHARMACISTS	492	-	9	94	91	55	76	61	36	29	41	34.7
THERAPISTS	206	-	-	25	83	42	28	17	11	-	-	29.7
TEACHERS, LIBRARIANS, AND COUNSELORS	7 542	15	67	626	1 096	1 653	2 022	1 194	402	298	169	36.3
TEACHERS, POSTSECONDARY	2 063	-	25	244	216	246	560	464	113	146	49	39.5
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	2 425	-	3	133	430	623	667	382	119	50	18	35.3
TEACHERS, SECONDARY	1 994	-	6	116	305	596	593	182	99	57	40	34.8
SOCIAL SCIENTISTS AND URBAN PLANNERS	478	-	-	14	101	124	121	75	5	27	11	35.0
SOCIAL AND RECREATION WORKERS	963	42	6	89	145	261	218	104	25	52	21	33.8
RELIGIOUS WORKERS	949	-	-	43	54	94	287	174	123	71	103	44.8
LAWYERS AND JUDGES	1 600	5	13	15	222	301	389	287	169	61	138	40.0
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	3 328	52	59	541	591	551	598	447	235	137	117	33.8
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	43 065	1 041	2 194	6 096	6 220	5 499	6 872	7 312	3 542	2 519	1 770	35.6
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	5 797	16	114	1 104	1 168	963	1 007	787	338	193	107	32.6
HEALTH TECHNOLOGISTS AND TECHNICIANS	715	-	26	134	128	153	149	69	37	19	-	32.3
LICENSED PRACTICAL NURSES	42	-	-	-	-	26	-	11	5	-	-	34.0
ENGINEERING AND SCIENCE TECHNICIANS	3 340	16	52	644	626	424	612	572	235	123	36	33.9
ELECTRICAL AND ELECTRONIC TECHNICIANS	768	-	13	115	172	131	208	94	25	10	-	33.2
DRAFTING AND SURVEYING TECHNICIANS	1 385	10	39	249	262	129	240	304	109	30	13	35.1
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	1 742	-	36	326	414	386	246	146	66	51	71	31.2
AIRPLANE PILOTS AND NAVIGATORS	73	-	-	-	10	25	38	-	-	-	-	35.4
COMPUTER PROGRAMMERS	592	-	12	129	207	155	62	21	6	-	-	28.7
SALES OCCUPATIONS	20 171	699	1 035	2 264	2 529	2 566	3 547	3 525	1 619	1 248	1 139	37.4
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	4 598	-	43	367	671	583	1 018	961	425	308	222	40.2
SELF-EMPLOYED	843	-	-	12	65	83	158	268	86	68	103	49.4
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	4 018	15	19	270	495	724	847	806	353	232	257	40.1
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	4 663	8	47	366	685	727	1 009	832	405	323	261	39.5
SALES WORKERS, RETAIL AND PERSONAL SERVICES	6 805	676	926	1 248	665	520	645	926	436	364	399	29.2
CASHIERS	1 716	327	435	473	56	44	65	129	60	27	100	20.7
SALES RELATED OCCUPATIONS	87	-	-	13	13	12	28	-	-	21	-	36.0

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TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	17 097	326	1 045	2 728	2 523	1 970	2 318	3 000	1 585	1 078	524	34.9
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	2 623	-	13	142	326	428	471	739	311	147	46	43.1
COMPUTER EQUIPMENT OPERATORS	496	-	13	104	99	61	104	84	6	12	13	32.6
SECRETARIES, STENOGRAPHERS, AND TYPISTS	178	-	20	57	29	-	26	27	-	12	7	27.1
SECRETARIES	132	-	8	40	29	-	17	19	-	12	7	28.1
RECEPTIONISTS	89	-	-	31	19	-	9	13	-	17	-	28.6
FILE CLERKS	268	5	48	49	38	13	35	31	27	2	20	29.2
FINANCIAL RECORDS PROCESSING OCCUPATIONS	948	23	47	129	139	124	109	152	70	76	79	36.3
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	568	8	29	74	91	89	58	76	38	40	65	34.6
TELEPHONE OPERATORS	10	-	-	-	5	-	-	-	5	-	-	42.0
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	2 573	58	110	191	259	343	317	581	403	256	55	45.2
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	4 410	146	425	1 015	685	347	493	689	304	209	97	29.5
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	377	-	-	5	59	79	59	60	81	34	-	39.9
BANK TELLERS	174	-	19	91	36	-	16	7	5	-	-	22.9
DATA-ENTRY KEYERS	176	6	14	37	16	19	57	19	-	8	-	33.9
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	4 775	88	336	877	813	556	622	598	373	305	207	32.5
SERVICE OCCUPATIONS	26 330	2 527	2 795	4 196	2 555	2 222	3 114	3 502	2 118	1 805	1 496	32.5
PRIVATE HOUSEHOLD OCCUPATIONS	51	-	-	22	-	-	4	15	-	10	-	39.4
PROTECTIVE SERVICE OCCUPATIONS	6 513	32	177	691	938	1 100	1 490	1 083	420	293	289	36.7
FIREFIGHTING OCCUPATIONS	1 430	4	-	82	262	339	452	225	39	27	-	35.5
POLICE AND DETECTIVES, PUBLIC SERVICE	2 059	-	-	177	342	473	662	248	107	37	13	35.4
GUARDS	2 185	28	165	366	237	146	174	370	201	222	276	43.6
OTHER PROTECTIVE SERVICE OCCUPATIONS	839	-	12	66	97	142	202	240	73	7	-	39.6
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	19 766	2 495	2 618	3 483	1 617	1 122	1 620	2 404	1 698	1 502	1 207	29.0
FOOD PREPARATION AND SERVICE OCCUPATIONS	8 234	1 652	1 723	1 931	656	335	466	582	335	289	265	21.4
WAITERS AND FOOD COUNTER WORKERS	745	91	146	268	80	42	44	19	23	21	11	21.4
COOKS	3 354	522	771	842	254	150	181	282	113	138	101	21.7
HEALTH SERVICE OCCUPATIONS	1 360	63	99	367	314	121	141	113	68	40	34	27.4
NURSING AIDES, ORDERLIES, AND ATTENDANTS	1 090	48	51	296	278	74	125	93	56	35	34	27.7
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	8 523	678	648	865	574	496	732	1 494	1 187	1 062	787	47.1
PERSONAL SERVICE OCCUPATIONS	1 649	102	148	320	73	170	281	215	108	111	121	35.4
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	798	-	-	70	18	121	213	123	78	66	109	43.8
FARMING, FORESTRY, AND FISHING *OCCUPATIONS*	2 390	102	272	310	552	197	260	304	127	132	134	29.6
FARM OPERATORS AND MANAGERS	309	-	21	17	14	22	55	62	25	47	46	50.8
FARM OCCUPATIONS, EXCEPT MANAGERIAL	253	26	31	48	22	12	14	37	19	12	32	29.9
RELATED AGRICULTURAL OCCUPATIONS	1 087	63	172	142	240	60	112	137	65	53	43	28.5
FORESTRY AND FISHING OCCUPATIONS	741	13	48	103	276	103	79	68	18	20	13	28.7
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	49 235	425	1 640	6 578	6 921	6 313	9 328	8 946	4 994	2 962	1 128	37.7
MECHANICS AND REPAIRERS	13 938	122	542	1 980	2 168	2 175	2 569	2 256	1 169	736	221	35.0
AUTOMOBILE MECHANICS, INCLUDING BODY	4 558	82	272	868	890	661	737	514	313	173	48	31.3
AIRCRAFT MECHANICS	109	-	-	10	6	36	38	13	-	-	6	36.0
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	682	-	5	85	95	96	144	121	82	50	4	40.1
OTHER MECHANICS AND REPAIRERS	8 589	40	265	1 017	1 177	1 382	1 650	1 608	774	513	163	37.1
CONSTRUCTION TRADES	14 183	121	570	2 141	2 082	1 654	2 798	2 516	1 361	685	255	36.8
CARPENTERS	4 415	35	248	790	763	499	706	651	451	174	98	33.7
ELECTRICIANS	1 936	11	70	335	274	222	394	373	164	80	13	36.3
PAINTERS, CONSTRUCTION AND MAINTENANCE	1 240	19	66	205	119	73	217	243	148	142	8	40.8
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	1 863	-	61	307	306	293	285	348	130	85	48	34.4
OTHER CONSTRUCTION TRADES	4 729	56	125	504	620	567	1 196	901	468	204	88	39.3
EXTRACTIVE OCCUPATIONS	95	-	-	11	31	6	14	17	16	-	-	34.6
PRECISION PRODUCTION OCCUPATIONS	21 019	182	528	2 446	2 640	2 478	3 947	4 157	2 448	1 541	652	40.5
SUPERVISORS, PRODUCTION OCCUPATIONS, MANUFACTURING	9 349	7	112	648	1 062	1 187	2 127	2 053	1 267	610	276	42.7
	7 659	7	66	522	830	983	1 842	1 616	1 054	521	218	42.6
PRECISION METALWORKING OCCUPATIONS	7 786	69	290	1 347	1 066	927	1 180	1 238	842	568	259	36.5
TOOL AND DIE MAKERS	2 344	17	63	332	246	277	367	431	314	221	76	40.1
MACHINISTS	3 025	21	118	576	494	408	454	425	254	209	66	33.7
SHEET METAL WORKERS	407	-	18	81	53	75	53	57	42	28	-	33.4
OTHER PRECISION METAL WORKERS	2 010	31	91	358	273	167	306	325	232	110	117	37.5
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	406	-	13	37	38	36	106	69	32	45	30	42.1
PLANT AND SYSTEM OPERATORS	573	12	-	41	73	101	96	123	81	32	14	41.8
OTHER PRECISION PRODUCTION OCCUPATIONS	2 905	94	113	373	401	227	438	674	226	286	73	41.0

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TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	57 984	1 957	4 098	10 267	7 643	6 374	9 413	8 888	4 832	3 360	1 152	33.9
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	33 241	627	1 775	5 960	4 559	3 668	5 758	5 213	2 868	2 176	637	35.1
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	24 982	438	1 252	4 305	3 198	2 687	4 473	4 113	2 226	1 750	540	36.3
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	5 162	97	260	693	767	647	820	883	492	404	99	36.5
PRINTING MACHINE OPERATORS	1 677	33	72	370	220	167	385	230	97	63	40	34.3
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	2 600	61	144	418	231	221	478	390	282	224	151	39.0
TEXTILE MACHINE OPERATORS	1 841	53	94	266	185	166	359	255	236	157	70	38.8
TEXTILE SEWING MACHINE OPERATORS	216	-	14	71	22	28	39	11	16	9	6	30.2
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	434	8	29	68	18	27	74	71	18	46	75	44.1
OTHER SPECIFIED MACHINE OPERATORS	6 961	134	322	1 329	972	669	1 165	1 244	584	408	134	35.4
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	8 582	113	454	1 495	1 008	983	1 625	1 366	771	651	116	36.4
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	2 263	42	158	432	277	182	357	287	307	208	13	36.0
MACHINE OPERATORS, NOT SPECIFIED	6 319	71	296	1 063	731	801	1 268	1 079	464	443	103	36.6
INDUSTRY:												
MANUFACTURING	8 172	113	422	1 401	959	924	1 580	1 326	703	628	116	36.6
NONDURABLE GOODS	2 170	44	101	386	198	254	398	325	216	223	25	37.6
FOOD AND KINDRED PRODUCTS	110	13	-	18	-	7	11	32	22	7	-	47.5
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	522	-	35	85	35	71	91	76	40	83	6	37.8
PAPER AND ALLIED PRODUCTS	462	-	33	71	61	38	90	65	51	42	11	40.6
OTHER NONDURABLE GOODS	1 076	31	33	212	102	138	206	152	103	91	8	36.0
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	6 002	69	321	1 015	761	670	1 182	1 001	487	405	91	36.3
METAL INDUSTRIES	2 666	12	108	425	372	334	599	442	220	130	24	36.2
MACHINERY, INCLUDING ELECTRICAL	1 279	34	58	239	142	107	251	189	104	122	33	37.8
TRANSPORTATION EQUIPMENT	176	-	5	37	23	19	34	22	17	19	-	35.7
OTHER DURABLE GOODS	1 881	23	150	314	224	210	298	348	146	134	34	35.8
NONMANUFACTURING INDUSTRIES	410	-	32	94	49	59	45	40	68	23	-	32.5
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	78	-	-	11	19	14	7	8	12	7	-	33.2
WHOLESALE AND RETAIL TRADE	151	-	15	28	-	24	25	15	34	10	-	37.7
ALL OTHER INDUSTRIES	181	-	17	55	30	21	13	17	22	6	-	28.1
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	6 334	165	455	1 389	1 057	763	967	755	442	270	71	30.7
WELDERS AND CUTTERS	2 561	16	106	617	560	397	433	248	109	68	7	29.8
ASSEMBLERS	3 174	134	303	645	418	325	503	394	275	127	50	31.3
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	599	15	46	127	79	41	31	113	58	75	14	34.0
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 925	24	68	266	304	218	318	345	200	156	26	37.7
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	13 763	259	734	1 842	1 874	1 881	2 469	2 466	1 179	720	339	36.2
MOTOR VEHICLE OPERATORS	10 116	118	443	1 279	1 280	1 486	1 996	1 734	934	554	292	37.2
TRUCK DRIVERS AND DRIVER-SALES WORKERS	8 542	109	372	1 036	1 167	1 274	1 668	1 531	842	366	177	36.8
BUS DRIVERS	949	-	19	94	88	136	239	125	56	124	68	41.3
RAIL AND WATER TRANSPORTATION OCCUPATIONS	367	-	-	52	94	66	35	69	38	7	6	32.8
MATERIAL MOVING EQUIPMENT OPERATORS	3 280	141	291	511	500	329	438	663	207	159	41	33.0
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	331	-	11	14	25	7	86	137	25	26	-	47.7
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	10 980	1 071	1 589	2 465	1 210	825	1 186	1 209	785	464	176	26.5
CONSTRUCTION LABORERS	1 570	30	96	332	216	122	253	229	147	102	43	34.5
FREIGHT, STOCK, AND MATERIAL HANDLERS	3 904	604	654	900	402	304	334	377	188	98	43	23.6
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	694	122	241	138	52	25	39	25	17	30	5	19.9
HAND PACKERS AND PACKAGERS	972	88	154	157	112	71	89	132	105	58	6	28.9
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	1 117	137	196	258	118	52	65	137	74	53	27	24.3
LABORERS, EXCEPT CONSTRUCTION	2 723	90	248	680	310	251	406	309	254	123	52	30.7
MANUFACTURING	1 200	49	90	350	161	94	139	121	111	39	46	28.4
NONDURABLE GOODS	285	22	7	67	57	38	22	23	38	7	4	29.1
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	915	27	83	283	104	56	117	98	73	32	42	28.1
METAL INDUSTRIES	286	15	11	72	24	17	35	60	41	-	11	35.9
NONMANUFACTURING INDUSTRIES	1 523	41	158	330	149	157	267	188	143	84	6	32.7
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	270	-	6	84	20	23	67	45	17	8	-	35.2
WHOLESALE AND RETAIL TRADE	776	21	93	144	63	73	153	84	81	64	-	34.6
ALL OTHER INDUSTRIES	477	20	59	102	66	61	47	59	45	12	6	29.4

TABLE 221. OCCUPATION OF EMPLOYED PERSONS BY AGE, 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, 16 YEARS AND OVER	16 AND 17 YEARS	18 AND 19 YEARS	20 TO 24 YEARS	25 TO 29 YEARS	30 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 59 YEARS	60 TO 64 YEARS	65 YEARS AND OVER	MEDIAN AGE
TOTAL												
EMPLOYED FEMALES 16 YEARS AND OVER	189 530	6 604	11 155	29 569	23 909	21 455	32 636	32 110	16 357	10 259	5 476	35.6
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	34 110	78	446	4 140	6 779	6 087	7 134	5 230	2 178	1 258	780	34.6
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	9 989	16	148	1 298	1 636	1 407	2 092	1 846	760	535	251	37.2
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	341	-	-	-	29	45	68	107	59	33	-	48.1
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	683	-	7	48	93	95	186	154	39	44	17	40.6
MANAGERS, MEDICINE AND HEALTH	204	-	-	-	20	31	56	55	36	-	6	43.9
OTHER SPECIFIED MANAGERS	1 383	-	17	199	293	203	263	239	87	77	5	34.5
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	4 492	7	68	581	696	616	948	820	345	269	142	37.6
MANUFACTURING	881	-	4	36	117	143	226	187	49	99	20	41.3
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	220	7	-	-	11	51	43	74	19	7	8	44.7
WHOLESALE AND RETAIL TRADE	1 166	-	41	295	143	101	270	166	81	32	37	35.1
ALL OTHER INDUSTRIES	2 225	-	23	250	425	321	409	393	196	131	77	36.9
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	296	-	-	33	29	37	87	63	31	11	5	40.4
CONSTRUCTION	7	-	-	-	-	7	-	-	-	-	-	32.5
MANUFACTURING	78	-	-	7	6	6	35	13	6	-	5	39.2
WHOLESALE AND RETAIL TRADE	162	-	-	26	18	17	31	34	25	11	-	41.1
ALL OTHER INDUSTRIES	49	-	-	-	5	7	21	16	-	-	-	42.3
MANAGEMENT RELATED OCCUPATIONS	2 590	9	56	437	476	380	484	408	163	101	76	34.2
ACCOUNTANTS AND AUDITORS	777	-	16	208	179	95	103	89	22	36	29	29.6
BUYERS AND PURCHASING AGENTS	516	-	24	74	93	62	92	97	33	23	18	35.3
PROFESSIONAL SPECIALTY OCCUPATIONS	24 121	62	298	2 842	5 143	4 680	5 042	3 384	1 418	723	529	34.0
ENGINEERS, ARCHITECTS, AND SURVEYORS	171	-	7	12	68	33	11	20	6	14	-	29.9
ARCHITECTS	5	-	-	-	5	-	-	-	-	-	-	27.5
ENGINEERS	166	-	7	12	63	33	11	20	6	14	-	30.2
ELECTRICAL AND ELECTRONIC ENGINEERS	59	-	-	-	27	6	-	20	6	-	-	32.1
MECHANICAL ENGINEERS	33	-	7	7	12	-	-	-	-	7	-	26.0
OTHER ENGINEERS	74	-	-	5	24	27	11	-	-	7	-	31.5
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	229	-	-	11	71	53	47	27	14	6	-	33.1
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	96	-	-	-	29	26	28	-	7	6	-	33.7
NATURAL SCIENTISTS	251	-	-	74	42	61	35	20	13	-	6	30.8
HEALTH DIAGNOSING OCCUPATIONS	264	-	-	-	99	38	65	40	15	-	7	34.3
PHYSICIANS	247	-	-	-	86	38	61	40	15	-	7	34.9
DENTISTS	11	-	-	-	7	-	4	-	-	-	-	28.9
OTHER HEALTH DIAGNOSING PRACTITIONERS	6	-	-	-	6	-	-	-	-	-	-	27.5
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	7 107	-	14	1 027	1 564	1 133	1 492	1 180	461	160	76	34.2
REGISTERED NURSES	6 141	-	-	769	1 255	1 015	1 398	1 056	443	137	68	35.2
PHARMACISTS	162	-	-	61	55	12	7	27	-	-	-	26.8
THERAPISTS	576	-	8	135	224	65	63	59	11	11	-	28.2
TEACHERS, LIBRARIANS, AND COUNSELORS	12 231	29	162	1 176	2 507	2 656	2 673	1 610	739	421	258	34.2
TEACHERS, POSTSECONDARY	1 083	-	29	117	201	176	253	179	84	44	-	35.7
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	6 786	-	14	517	1 515	1 627	1 590	884	339	195	105	34.1
TEACHERS, SECONDARY	1 927	-	-	186	456	471	427	161	137	62	27	33.4
SOCIAL SCIENTISTS AND URBAN PLANNERS	314	-	-	28	96	46	61	38	14	24	7	33.6
SOCIAL AND RECREATION WORKERS	1 590	7	21	231	290	321	308	214	92	68	38	33.8
RELIGIOUS WORKERS	216	-	-	14	7	38	77	58	-	-	22	41.9
LAWYERS AND JUDGES	152	-	-	10	54	40	21	14	5	-	8	31.5
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	1 596	26	94	259	345	261	252	163	59	30	107	31.4
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	78 528	2 491	5 144	14 552	10 156	8 687	13 027	12 601	6 275	3 701	1 894	34.0
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	5 659	10	83	1 161	1 142	1 087	1 012	516	294	200	154	32.0
HEALTH TECHNOLOGISTS AND TECHNICIANS	4 124	5	38	669	867	862	887	380	188	120	108	32.8
LICENSED PRACTICAL NURSES	2 165	-	-	230	372	415	607	253	129	84	75	36.1
ENGINEERING AND SCIENCE TECHNICIANS	786	5	22	249	130	105	74	66	56	62	17	29.5
ELECTRICAL AND ELECTRONIC TECHNICIANS	74	-	-	5	8	35	-	6	12	8	-	33.4
DRAFTING AND SURVEYING TECHNICIANS	166	5	5	46	49	17	13	17	7	7	-	27.8
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	749	-	23	243	145	120	51	70	50	18	29	28.7
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	340	-	23	145	92	46	15	11	8	-	-	25.1
SALES OCCUPATIONS	17 273	1 536	1 902	2 909	1 809	1 651	2 351	2 586	1 237	824	468	31.5
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 525	-	59	277	270	157	316	248	56	90	52	35.0
SELF-EMPLOYED	344	-	-	14	20	25	90	106	19	33	37	47.1
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	2 037	43	76	254	314	220	459	439	123	48	61	37.6
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	661	31	26	88	141	125	106	56	69	8	11	31.8
SALES WORKERS, RETAIL AND PERSONAL SERVICES	13 000	1 456	1 741	2 290	1 074	1 149	1 450	1 835	983	678	344	29.7
CASHIERS	5 820	716	1 002	1 154	593	507	648	637	303	179	81	25.3
SALES RELATED OCCUPATIONS	50	6	-	-	10	-	20	8	6	-	-	41.1

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PROVIDENCE-WARWICK-PAWTUCKET, RI-MA SMSA	TOTAL, 16 YEARS AND OVER	16 AND 17 YEARS	18 AND 19 YEARS	20 TO 24 YEARS	25 TO 29 YEARS	30 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 59 YEARS	60 TO 64 YEARS	65 YEARS AND OVER	MEDIAN AGE
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	55 596	945	3 159	10 482	7 205	5 949	9 664	9 499	4 744	2 677	1 272	35.1
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	2 434	6	18	267	363	425	486	504	226	128	11	37.6
COMPUTER EQUIPMENT OPERATORS	1 223	-	120	300	251	114	210	157	26	24	21	28.8
SECRETARIES, STENOGRAPHERS, AND TYPISTS	18 333	240	870	3 601	2 461	2 134	3 562	2 913	1 373	787	392	34.7
SECRETARIES	14 704	148	587	2 849	2 099	1 775	3 007	2 283	1 027	645	284	34.7
RECEPTIONISTS	1 754	62	141	346	168	155	281	303	109	103	86	35.2
FILE CLERKS	1 167	154	280	199	118	44	74	146	50	83	19	23.0
FINANCIAL RECORDS PROCESSING OCCUPATIONS	8 878	63	243	1 357	1 031	893	1 590	1 853	1 007	562	279	40.6
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	6 810	43	171	943	754	702	1 259	1 438	759	476	265	41.4
TELEPHONE OPERATORS	1 031	24	36	122	151	110	126	266	151	12	33	40.9
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	586	24	61	102	54	38	96	115	55	41	-	35.9
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	1 599	29	156	343	200	115	170	306	131	105	44	33.1
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	403	-	7	127	70	57	45	31	44	22	-	29.8
BANK TELLERS	2 093	13	159	631	285	286	297	301	86	35	-	29.3
DATA-ENTRY KEYERS	1 720	23	115	317	334	320	345	167	81	12	6	31.1
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	14 375	307	953	2 770	1 719	1 258	2 382	2 437	1 405	763	381	35.7
SERVICE OCCUPATIONS	28 994	2 691	3 247	5 571	2 781	2 421	3 939	4 044	1 992	1 371	937	30.4
PRIVATE HOUSEHOLD OCCUPATIONS	1 105	170	45	110	84	65	101	156	90	97	187	41.7
PROTECTIVE SERVICE OCCUPATIONS	816	24	94	138	62	65	101	167	90	55	20	39.2
FIREFIGHTING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
POLICE AND DETECTIVES, PUBLIC SERVICE	40	-	-	5	9	7	-	10	9	-	-	34.3
GUARDS	691	24	87	114	53	53	84	137	81	46	12	37.4
OTHER PROTECTIVE SERVICE OCCUPATIONS	85	-	7	19	-	5	17	20	-	9	8	43.4
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	27 073	2 497	3 108	5 323	2 635	2 291	3 737	3 721	1 812	1 219	730	29.9
FOOD PREPARATION AND SERVICE OCCUPATIONS	12 433	1 645	1 862	2 622	1 001	769	1 529	1 544	744	455	262	25.4
WAITERS AND FOOD COUNTER WORKERS	6 930	1 085	1 072	1 832	707	515	691	645	215	98	70	23.1
COOKS	1 710	181	178	246	87	47	266	268	205	151	81	39.2
HEALTH SERVICE OCCUPATIONS	8 133	599	835	1 712	966	826	1 081	1 143	503	305	163	29.8
NURSING AIDES, ORDERLIES, AND ATTENDANTS	6 284	423	607	1 261	744	690	869	937	390	231	132	30.8
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	2 027	150	156	172	129	70	215	484	272	223	156	47.5
PERSONAL SERVICE OCCUPATIONS	4 480	103	255	817	539	626	912	550	293	236	149	34.2
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	1 897	-	39	314	288	346	362	233	126	117	72	34.4
FARMING, FORESTRY, AND FISHING OCCUPATIONS	420	28	46	114	57	39	45	34	14	33	10	26.9
FARM OPERATORS AND MANAGERS	66	-	-	10	-	7	11	15	-	19	4	50.8
FARM OCCUPATIONS, EXCEPT MANAGERIAL	71	-	-	29	25	7	-	2	8	-	-	26.3
RELATED AGRICULTURAL OCCUPATIONS	246	28	46	62	25	8	34	17	6	14	6	22.6
FORESTRY AND FISHING OCCUPATIONS	37	-	-	13	7	17	-	-	-	-	-	28.9
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	8 646	248	385	1 024	936	724	1 470	1 767	1 034	737	321	41.6
MECHANICS AND REPAIRERS	778	51	32	88	123	56	99	142	85	60	42	37.8
AUTOMOBILE MECHANICS, INCLUDING BODY	31	-	-	8	13	-	-	-	10	-	-	27.9
AIRCRAFT MECHANICS	5	-	-	-	-	-	-	-	5	-	-	57.5
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	6	-	-	-	-	-	-	-	6	-	-	57.5
OTHER MECHANICS AND REPAIRERS	736	51	32	80	110	56	99	142	64	60	42	37.8
CONSTRUCTION TRADES	234	17	17	55	43	20	50	13	8	11	-	28.3
CARPENTERS	43	-	4	6	12	13	8	-	-	-	-	29.8
ELECTRICIANS	32	-	-	4	10	7	5	-	-	6	-	31.4
PAINTERS, CONSTRUCTION AND MAINTENANCE	80	17	8	30	7	-	18	-	-	-	-	23.1
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	23	-	5	6	7	-	-	-	-	5	-	25.4
OTHER CONSTRUCTION TRADES	56	-	-	9	7	-	19	13	8	-	-	38.2
EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	7 634	180	336	881	770	648	1 321	1 612	941	666	279	42.5
SUPERVISORS, PRODUCTION OCCUPATIONS	2 572	10	44	298	275	297	454	542	356	221	75	42.8
MANUFACTURING	2 178	-	44	215	229	261	407	483	285	191	63	43.3
PRECISION METALWORKING OCCUPATIONS	3 310	150	151	380	276	223	554	732	393	303	148	43.6
TOOL AND DIE MAKERS	26	-	6	-	13	7	-	-	-	-	-	27.7
MACHINISTS	127	8	-	19	8	6	25	44	5	12	-	43.4
SHEET METAL WORKERS	11	-	-	11	-	-	-	-	-	-	-	22.2
OTHER PRECISION METAL WORKERS	3 146	142	145	350	255	210	529	688	388	291	148	43.9
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	441	-	45	16	23	20	76	106	58	53	44	47.6
PLANT AND SYSTEM OPERATORS	53	-	-	10	22	6	-	7	8	-	-	28.8
OTHER PRECISION PRODUCTION OCCUPATIONS	1 258	20	96	177	174	102	237	225	126	89	12	37.1

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TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	38 832	1 068	1 887	4 168	3 200	3 497	7 021	8 434	4 864	3 159	1 534	42.9
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	32 220	819	1 406	3 324	2 699	2 961	5 803	7 021	4 132	2 741	1 314	43.4
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	18 438	452	798	1 717	1 670	1 831	3 411	4 002	2 309	1 410	838	43.1
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	1 889	15	96	148	164	136	395	393	279	141	122	44.8
PRINTING MACHINE OPERATORS	368	27	49	71	51	24	54	52	20	20	-	28.6
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	5 351	136	152	457	447	483	905	1 273	660	510	328	45.9
TEXTILE MACHINE OPERATORS	2 491	53	69	297	224	214	419	590	285	215	125	44.1
TEXTILE SEWING MACHINE OPERATORS	2 048	39	69	113	204	226	310	538	205	202	142	46.3
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	485	25	6	24	-	35	78	103	103	66	45	52.7
OTHER SPECIFIED MACHINE OPERATORS	4 282	171	211	428	315	537	727	825	540	334	194	41.7
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	6 548	103	290	613	693	651	1 330	1 459	810	405	194	42.0
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	1 675	23	113	195	116	120	257	404	265	117	65	45.3
MACHINE OPERATORS, NOT SPECIFIED	4 873	80	177	418	577	531	1 073	1 055	545	288	129	41.4
INDUSTRY:												
MANUFACTURING	6 270	88	263	559	669	607	1 261	1 425	803	401	194	42.7
NONDURABLE GOODS	2 067	39	109	200	244	176	320	483	287	126	83	43.1
FOOD AND KINDRED PRODUCTS	40	8	7	-	-	-	6	12	-	-	7	39.2
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	790	10	32	48	100	59	95	182	168	71	25	47.7
PAPER AND ALLIED PRODUCTS	331	-	8	26	28	52	23	114	42	15	23	48.7
OTHER NONDURABLE GOODS	906	21	62	126	116	65	196	175	77	40	28	38.2
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	4 203	49	154	359	425	431	941	942	516	275	111	42.5
METAL INDUSTRIES	791	4	21	78	64	81	168	170	138	62	5	44.0
MACHINERY, INCLUDING ELECTRICAL	1 014	-	27	82	114	106	285	229	106	59	6	41.5
TRANSPORTATION EQUIPMENT	39	-	-	-	32	-	-	7	-	-	-	28.0
OTHER DURABLE GOODS	2 359	45	106	199	215	244	488	536	272	154	100	42.8
NONMANUFACTURING INDUSTRIES	278	15	27	54	24	44	69	34	7	4	-	32.2
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	19	-	-	-	-	7	5	-	7	-	-	37.5
WHOLESALE AND RETAIL TRADE	138	15	20	28	5	24	21	21	-	4	-	30.2
ALL OTHER INDUSTRIES	121	-	7	26	19	13	43	13	-	-	-	33.3
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	9 242	274	441	1 057	764	841	1 701	1 900	1 162	817	285	42.1
WELDERS AND CUTTERS	369	7	12	46	44	38	84	62	38	31	7	40.5
ASSEMBLERS	7 820	227	383	867	622	651	1 423	1 676	986	730	255	43.1
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	1 053	40	46	144	98	152	194	162	138	56	23	36.8
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	4 540	93	167	550	265	289	691	1 119	661	514	191	47.3
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	962	-	36	70	118	157	316	136	101	11	17	37.5
MOTOR VEHICLE OPERATORS	759	-	7	64	98	146	282	79	65	6	12	36.9
TRUCK DRIVERS AND DRIVER-SALES WORKERS	140	-	-	34	23	34	18	18	6	-	7	31.9
BUS DRIVERS	578	-	7	13	75	112	259	53	59	-	-	37.7
RAIL AND WATER TRANSPORTATION OCCUPATIONS	8	-	-	-	-	-	-	8	-	-	-	52.5
MATERIAL MOVING EQUIPMENT OPERATORS	195	-	29	6	20	11	34	49	36	5	5	42.9
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	5 650	249	445	774	383	379	902	1 277	631	407	203	41.5
CONSTRUCTION LABORERS	-	-	-	-	-	-	-	-	-	-	-	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	728	57	105	96	62	68	80	87	85	29	59	33.2
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	13	8	-	-	-	5	-	-	-	-	-	17.6
HAND PACKERS AND PACKAGERS	3 336	139	170	404	206	160	582	847	412	297	119	45.1
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	237	13	51	36	-	22	17	57	28	13	-	34.2
LABORERS, EXCEPT CONSTRUCTION	1 336	32	119	238	115	124	223	286	106	68	25	36.7
MANUFACTURING	1 014	17	89	185	102	87	165	225	56	63	25	36.3
NONDURABLE GOODS	224	6	22	32	21	6	38	46	11	17	25	39.3
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	790	11	67	153	81	81	127	179	45	46	-	35.1
METAL INDUSTRIES	56	-	-	8	14	6	-	22	-	6	-	40.0
NONMANUFACTURING INDUSTRIES	322	15	30	53	13	37	58	61	50	5	-	39.6
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	23	8	-	-	-	-	-	15	-	-	-	46.9
WHOLESALE AND RETAIL TRADE	213	7	-	53	5	21	47	41	39	-	-	41.5
ALL OTHER INDUSTRIES	86	-	30	-	8	16	11	5	11	5	-	31.6

TABLE 221. OCCUPATION OF EMPLOYED PERSONS BY AGE, 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	TOTAL, 16 YEARS AND OVER	16 AND 17 YEARS	18 AND 19 YEARS	20 TO 24 YEARS	25 TO 29 YEARS	30 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 59 YEARS	60 TO 64 YEARS	65 YEARS AND OVER	MEDIAN AGE
TOTAL												
EMPLOYED MALES 16 YEARS AND OVER	131 619	3 408	5 389	16 898	17 617	16 890	23 766	22 191	12 561	8 663	4 236	37.1
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	29 523	36	154	1 966	4 078	4 985	6 869	6 019	2 712	1 775	929	39.6
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	15 236	5	98	946	1 798	2 182	3 584	3 422	1 629	1 075	497	41.8
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	531	-	-	13	56	36	71	199	48	59	49	48.9
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	584	-	-	-	78	95	109	190	74	20	18	45.4
MANAGERS, MEDICINE AND HEALTH	214	-	-	18	45	22	42	43	22	11	11	40.0
OTHER SPECIFIED MANAGERS	2 841	-	12	133	313	366	827	647	273	214	56	41.7
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	6 875	-	68	488	747	870	1 600	1 599	864	429	210	42.8
MANUFACTURING	2 282	-	-	29	128	274	568	689	358	178	58	47.3
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	479	-	-	45	45	78	104	85	64	43	15	41.9
WHOLESALE AND RETAIL TRADE	1 991	-	50	304	285	248	433	337	185	69	80	37.4
ALL OTHER INDUSTRIES	2 123	-	18	110	289	270	495	488	257	139	57	41.7
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	629	-	-	33	55	73	155	150	58	74	31	44.9
CONSTRUCTION	73	-	-	-	11	18	14	13	6	11	-	40.9
MANUFACTURING	118	-	-	-	23	18	36	29	6	6	-	38.8
WHOLESALE AND RETAIL TRADE	217	-	-	22	14	16	63	45	19	18	20	44.0
ALL OTHER INDUSTRIES	221	-	-	11	7	21	42	63	27	39	11	50.8
MANAGEMENT RELATED OCCUPATIONS	3 562	5	18	261	504	720	780	594	290	268	122	37.8
ACCOUNTANTS AND AUDITORS	1 435	-	-	145	197	332	311	166	113	113	58	36.1
BUYERS AND PURCHASING AGENTS	639	-	13	40	111	85	120	141	52	60	17	39.5
PROFESSIONAL SPECIALTY OCCUPATIONS	14 287	31	56	1 020	2 280	2 803	3 285	2 597	1 083	700	432	37.5
ENGINEERS, ARCHITECTS, AND SURVEYORS	3 120	-	8	336	434	511	665	653	293	155	65	38.8
ARCHITECTS	86	-	-	19	24	24	6	13	-	-	-	30.0
ENGINEERS	2 984	-	8	303	397	487	651	634	284	155	65	39.2
ELECTRICAL AND ELECTRONIC ENGINEERS	418	-	-	52	61	113	80	87	11	14	-	34.2
MECHANICAL ENGINEERS	565	-	8	54	60	53	103	153	58	68	8	45.3
OTHER ENGINEERS	2 001	-	-	197	276	321	468	394	215	73	57	39.2
SURVEYORS AND MAPPING SCIENTISTS	50	-	-	14	13	-	8	6	9	-	-	29.2
MATHEMATICAL AND COMPUTER SCIENTISTS	569	-	-	49	127	133	174	67	7	7	5	34.1
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	290	-	-	13	72	54	116	28	7	-	-	35.4
NATURAL SCIENTISTS	306	-	13	38	51	46	75	27	24	26	6	35.9
HEALTH DIAGNOSING OCCUPATIONS	1 163	-	-	13	80	182	314	203	158	119	94	44.7
PHYSICIANS	745	-	-	13	41	140	203	143	92	65	48	43.5
DENTISTS	292	-	-	-	12	25	95	38	56	42	24	48.5
OTHER HEALTH DIAGNOSING PRACTITIONERS	126	-	-	-	27	17	16	22	10	12	22	47.5
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	535	-	-	64	119	86	67	106	65	12	16	34.9
REGISTERED NURSES	93	-	-	15	36	10	6	19	7	-	-	29.4
PHARMACISTS	310	-	-	23	33	52	61	80	33	12	16	43.1
THERAPISTS	105	-	-	15	34	24	-	7	25	-	-	30.7
TEACHERS, LIBRARIANS, AND COUNSELORS	4 659	11	-	274	724	1 044	1 205	905	301	158	37	37.1
TEACHERS, POSTSECONDARY	1 059	-	-	36	119	184	342	216	110	41	11	40.8
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	1 654	-	-	47	238	410	428	366	89	64	12	37.8
TEACHERS, SECONDARY	1 102	-	-	28	166	265	329	217	62	21	14	37.3
SOCIAL SCIENTISTS AND URBAN PLANNERS	371	-	-	32	96	89	97	33	18	6	-	33.2
SOCIAL AND RECREATION WORKERS	627	9	13	43	163	188	129	56	7	9	10	32.3
RELIGIOUS WORKERS	353	-	-	8	9	65	44	115	29	48	35	50.4
LAWYERS AND JUDGES	1 040	-	-	12	126	244	166	233	98	88	73	43.3
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	1 544	11	22	151	351	215	349	199	83	72	91	35.5
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	25 044	548	940	3 351	3 504	3 183	4 271	4 117	2 348	1 649	1 133	37.0
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	3 561	24	74	595	660	559	639	515	297	117	81	33.8
HEALTH TECHNOLOGISTS AND TECHNICIANS	272	-	-	61	69	89	12	9	19	13	-	30.3
LICENSED PRACTICAL NURSES	48	-	-	7	17	7	6	5	6	-	-	30.0
ENGINEERING AND SCIENCE TECHNICIANS	2 113	12	51	338	311	297	418	350	205	76	55	35.8
ELECTRICAL AND ELECTRONIC TECHNICIANS	561	-	5	117	100	109	94	97	21	13	5	32.7
DRAFTING AND SURVEYING TECHNICIANS	732	7	46	111	99	107	125	91	102	22	22	34.8
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	1 176	12	23	196	280	173	209	156	73	28	26	32.2
AIRPLANE PILOTS AND NAVIGATORS	68	-	-	10	12	-	25	14	7	-	-	38.2
COMPUTER PROGRAMMERS	500	6	8	105	141	95	91	36	8	10	-	29.6
SALES OCCUPATIONS	11 706	391	508	1 436	1 419	1 351	2 237	1 852	999	773	740	37.9
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	2 879	8	36	372	417	429	593	471	249	167	137	37.8
SELF-EMPLOYED	586	-	-	7	39	47	143	128	91	45	86	50.0
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	2 222	-	15	197	218	244	483	499	266	141	159	44.0
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	2 708	22	15	185	310	338	692	520	253	224	149	40.6
SALES WORKERS, RETAIL AND PERSONAL SERVICES	3 859	361	442	674	474	334	451	362	231	241	289	29.8
CASHIERS	494	56	147	109	36	14	29	17	14	16	56	21.6
SALES RELATED OCCUPATIONS	38	-	-	8	-	6	18	-	-	-	6	38.1

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SPRINGFIELD-CHICOPEE-HOLYOKE, MA-CT SMSA	TOTAL, 16 YEARS AND OVER	16 AND 17 YEARS	18 AND 19 YEARS	20 TO 24 YEARS	25 TO 29 YEARS	30 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 59 YEARS	60 TO 64 YEARS	65 YEARS AND OVER	MEDIAN AGE
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	9 777	133	358	1 320	1 425	1 273	1 395	1 750	1 052	759	312	37.4
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	1 570	10	7	95	229	280	324	343	129	97	56	39.1
COMPUTER EQUIPMENT OPERATORS	313	-	-	57	43	91	59	46	6	11	-	33.1
SECRETARIES, STENOGRAPHERS, AND TYPISTS	81	-	21	6	10	9	-	26	9	-	-	31.9
SECRETARIES	28	-	-	6	10	-	-	12	-	-	-	29.0
RECEPTIONISTS	33	-	-	12	5	4	-	-	6	6	-	29.5
FILE CLERKS	144	-	16	22	20	23	24	27	6	6	-	33.0
FINANCIAL RECORDS PROCESSING OCCUPATIONS	435	22	19	55	30	58	67	27	70	56	31	38.8
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	242	15	14	34	17	18	36	14	43	20	31	39.1
TELEPHONE OPERATORS	130	-	-	103	6	9	12	-	-	-	-	21.9
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	1 930	26	41	139	203	245	274	462	335	172	33	45.8
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	2 372	45	123	406	394	219	268	409	244	195	69	35.0
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	233	-	-	14	43	27	35	40	41	14	19	44.5
BANK TELLERS	77	-	6	25	21	5	-	-	13	7	-	26.8
DATA-ENTRY KEYERS	58	-	-	7	-	17	7	21	-	6	-	38.6
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	2 401	30	125	379	421	286	325	349	193	189	104	34.3
SERVICE OCCUPATIONS	13 986	1 470	1 137	1 901	1 518	1 237	1 792	1 961	1 067	1 059	844	33.9
PRIVATE HOUSEHOLD OCCUPATIONS	30	12	-	8	-	-	-	-	-	-	10	23.1
PROTECTIVE SERVICE OCCUPATIONS	4 208	40	86	440	574	649	799	754	383	238	245	38.5
FIREFIGHTING OCCUPATIONS	1 032	-	-	52	144	213	276	206	128	6	7	38.0
POLICE AND DETECTIVES, PUBLIC SERVICE	1 138	-	10	63	239	220	268	205	66	61	6	36.1
GUARDS	1 424	40	76	296	174	126	121	122	109	141	219	35.0
OTHER PROTECTIVE SERVICE OCCUPATIONS	614	-	-	29	17	90	134	221	80	30	13	47.5
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	9 748	1 418	1 051	1 453	944	588	993	1 207	684	821	589	30.1
FOOD PREPARATION AND SERVICE OCCUPATIONS	3 523	976	672	654	375	141	228	223	43	79	132	20.8
WAITERS AND FOOD COUNTER WORKERS	429	113	106	96	63	20	12	6	-	-	13	19.9
COOKS	1 070	229	249	249	105	39	60	75	12	34	18	21.4
HEALTH SERVICE OCCUPATIONS	786	32	31	197	135	80	96	110	57	33	15	29.9
NURSING AIDES, ORDERLIES, AND ATTENDANTS	647	6	22	167	115	68	80	89	57	28	15	31.0
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	4 791	374	317	470	373	260	571	806	539	678	403	45.5
PERSONAL SERVICE OCCUPATIONS	648	36	31	132	61	107	98	68	45	31	39	33.0
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	380	-	8	60	40	75	90	42	28	13	24	35.7
FARMING, FORESTRY, AND FISHING OCCUPATIONS	1 690	119	84	311	261	151	189	225	124	117	109	32.3
FARM OPERATORS AND MANAGERS	402	-	-	15	57	12	66	83	44	66	59	51.6
FARM OCCUPATIONS, EXCEPT MANAGERIAL	419	87	19	82	68	56	36	35	9	14	13	26.6
RELATED AGRICULTURAL OCCUPATIONS	788	32	65	185	125	65	77	107	71	37	24	29.5
FORESTRY AND FISHING OCCUPATIONS	81	-	-	29	11	18	10	-	-	-	13	30.1
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	28 218	210	867	3 474	3 803	3 696	5 331	4 934	3 137	2 134	632	38.4
MECHANICS AND REPAIRERS	9 272	80	333	1 388	1 521	1 255	1 670	1 456	845	539	185	35.3
AUTOMOBILE MECHANICS, INCLUDING BODY	2 720	57	143	545	492	406	423	316	160	123	55	31.5
AIRCRAFT MECHANICS	186	-	-	3	21	38	45	43	15	12	9	39.2
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	450	-	-	80	85	57	106	50	39	27	6	35.3
OTHER MECHANICS AND REPAIRERS	5 916	23	190	760	923	754	1 096	1 047	631	377	115	37.4
CONSTRUCTION TRADES	7 061	52	223	758	877	990	1 391	1 375	747	451	197	39.1
CARPENTERS	2 063	46	84	313	316	292	393	286	165	97	71	34.7
ELECTRICIANS	956	-	52	114	127	136	226	142	80	57	22	36.9
PAINTERS, CONSTRUCTION AND MAINTENANCE	578	-	23	58	59	71	100	151	52	39	25	43.0
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	732	-	13	88	45	101	142	141	107	62	33	42.8
OTHER CONSTRUCTION TRADES	2 732	6	51	185	330	390	530	655	343	196	46	42.4
EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	11 885	78	311	1 328	1 405	1 451	2 270	2 103	1 545	1 144	250	40.5
SUPERVISORS, PRODUCTION OCCUPATIONS	5 025	6	20	307	488	712	1 199	1 167	620	439	67	43.0
MANUFACTURING	4 034	-	13	236	423	634	950	904	457	363	54	42.3
PRECISION METALWORKING OCCUPATIONS	4 497	30	193	705	579	538	687	697	560	433	75	37.5
TOOL AND DIE MAKERS	1 053	-	10	122	97	138	132	206	116	198	34	46.7
MACHINISTS	2 894	30	165	516	417	341	478	379	337	190	41	34.7
SHEET METAL WORKERS	360	-	18	53	42	45	50	71	55	26	-	40.3
OTHER PRECISION METAL WORKERS	190	-	-	14	23	14	27	41	52	19	-	51.6
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	268	6	-	37	24	7	40	15	64	19	56	55.4
PLANT AND SYSTEM OPERATORS	375	-	-	12	66	44	53	46	89	60	5	47.8
OTHER PRECISION PRODUCTION OCCUPATIONS	1 720	36	98	267	248	150	291	178	212	193	47	36.8

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TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	33 158	1 025	2 207	5 895	4 453	3 638	5 314	4 935	3 173	1 929	589	34.1
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	18 717	243	1 083	3 249	2 497	2 114	3 075	2 864	1 938	1 359	295	35.6
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	14 030	176	786	2 377	1 923	1 534	2 363	2 247	1 437	977	210	35.9
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	2 629	12	93	415	317	280	400	353	403	316	40	40.1
PRINTING MACHINE OPERATORS	1 265	27	23	202	175	160	222	270	97	52	37	37.7
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	666	6	33	101	119	74	110	117	65	33	8	35.0
TEXTILE MACHINE OPERATORS	343	6	16	70	76	27	36	54	46	12	-	30.6
TEXTILE SEWING MACHINE OPERATORS	40	-	-	-	-	15	5	6	7	7	-	45.0
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	203	-	17	22	32	26	48	36	7	7	8	35.9
OTHER SPECIFIED MACHINE OPERATORS	3 453	42	221	545	482	392	600	590	289	243	49	35.8
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	6 017	89	416	1 114	830	628	1 031	917	583	333	76	34.5
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	1 661	35	85	369	215	190	273	207	191	77	19	33.3
MACHINE OPERATORS, NOT SPECIFIED	4 356	54	331	745	615	438	758	710	392	256	57	34.9
INDUSTRY:												
MANUFACTURING	5 742	78	376	1 064	800	603	985	894	551	321	70	34.6
NONDURABLE GOODS	2 400	26	123	404	276	293	464	387	254	137	36	36.5
FOOD AND KINDRED PRODUCTS	36	-	-	11	-	5	16	-	-	4	-	35.6
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	132	-	15	32	26	6	29	12	6	6	-	28.7
PAPER AND ALLIED PRODUCTS	1 003	4	42	203	130	138	150	171	113	40	12	34.4
OTHER NONDURABLE GOODS	1 229	22	66	158	120	144	269	204	135	87	24	38.7
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	3 342	52	253	660	524	310	521	507	297	184	34	32.9
METAL INDUSTRIES	1 459	18	98	292	231	103	247	254	144	49	23	34.4
MACHINERY, INCLUDING ELECTRICAL	666	22	33	144	97	78	133	61	39	48	11	32.4
TRANSPORTATION EQUIPMENT	287	-	40	58	50	36	25	13	33	32	-	29.5
OTHER DURABLE GOODS	930	12	82	166	146	93	116	179	81	55	-	33.2
NONMANUFACTURING INDUSTRIES	275	11	40	50	30	25	46	23	32	12	6	31.3
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	53	-	-	-	6	6	20	8	13	-	-	41.6
WHOLESALE AND RETAIL TRADE	70	-	13	13	-	7	17	8	-	12	-	35.9
ALL OTHER INDUSTRIES	152	11	27	37	24	12	9	7	19	-	6	25.2
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	3 067	50	263	630	405	384	496	334	248	195	62	32.4
WELDERS AND CUTTERS	904	-	33	223	91	155	140	132	51	69	10	33.4
ASSEMBLERS	1 945	37	213	381	270	208	325	185	177	109	40	31.7
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	218	13	17	26	44	21	31	17	20	17	12	32.1
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 620	17	34	242	169	196	216	283	253	187	23	42.4
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	7 914	55	249	1 180	1 138	997	1 536	1 343	806	417	193	37.1
MOTOR VEHICLE OPERATORS	5 962	33	145	825	880	759	1 254	958	581	345	182	37.6
TRUCK DRIVERS AND DRIVER-SALES WORKERS	5 030	17	129	711	752	673	1 121	840	450	213	124	36.9
BUS DRIVERS	593	-	-	60	64	42	77	61	119	124	46	53.4
RAIL AND WATER TRANSPORTATION OCCUPATIONS	244	-	-	15	45	43	26	71	30	14	-	39.7
MATERIAL MOVING EQUIPMENT OPERATORS	1 708	22	104	340	213	195	256	314	195	58	11	34.5
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	95	-	-	34	6	7	26	16	6	-	-	35.4
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	6 527	727	875	1 466	818	527	703	728	429	153	101	26.2
CONSTRUCTION LABORERS	595	8	13	69	104	100	110	117	67	7	-	35.3
FREIGHT, STOCK, AND MATERIAL HANDLERS	2 585	454	442	678	232	180	210	230	81	44	34	23.0
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	496	93	138	139	44	10	6	20	27	-	19	20.5
HAND PACKERS AND PACKAGERS	637	38	94	113	108	27	80	69	77	17	14	28.4
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	593	64	85	110	80	48	81	56	40	12	17	27.3
LABORERS, EXCEPT CONSTRUCTION	1 621	70	103	357	250	162	216	236	137	73	17	30.9
MANUFACTURING	644	16	38	102	118	43	96	109	85	31	6	35.5
NONDURABLE GOODS	249	5	27	56	42	14	11	40	29	25	-	29.3
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	395	11	11	46	76	29	85	69	56	6	6	37.8
METAL INDUSTRIES	198	5	-	20	42	23	45	26	37	-	-	37.0
NONMANUFACTURING INDUSTRIES	977	54	65	255	132	119	120	127	52	42	11	29.3
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	184	11	6	11	24	37	29	54	-	12	-	37.5
WHOLESALE AND RETAIL TRADE	588	32	50	180	69	56	65	62	39	30	5	27.3
ALL OTHER INDUSTRIES	205	11	9	64	39	26	26	11	13	-	6	27.4

TABLE 221. OCCUPATION OF EMPLOYED PERSONS BY AGE, 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	TOTAL, 16 YEARS AND OVER	16 AND 17 YEARS	18 AND 19 YEARS	20 TO 24 YEARS	25 TO 29 YEARS	30 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 59 YEARS	60 TO 64 YEARS	65 YEARS AND OVER	MEDIAN AGE
TOTAL												
EMPLOYED FEMALES 16 YEARS AND OVER	108 143	3 444	6 860	16 793	13 816	12 696	18 486	18 088	9 019	5 958	2 983	35.2
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	22 284	61	298	2 751	4 014	3 619	4 668	3 662	1 550	1 058	603	35.8
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	6 379	7	68	1 008	1 069	820	1 104	1 114	552	412	225	36.7
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	213	-	6	-	25	6	12	65	19	51	29	54.0
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	574	-	9	88	72	120	85	99	60	27	14	34.9
MANAGERS, MEDICINE AND HEALTH	189	-	-	16	30	39	30	37	23	14	-	36.6
OTHER SPECIFIED MANAGERS	782	-	14	125	89	117	145	167	64	38	23	37.5
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	2 650	7	39	473	422	270	468	445	292	139	95	37.1
MANUFACTURING	310	-	-	53	35	26	38	79	56	15	8	45.3
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	142	-	-	14	28	18	24	32	17	9	-	38.2
WHOLESALE AND RETAIL TRADE	759	7	26	188	142	56	97	82	80	30	51	31.5
ALL OTHER INDUSTRIES	1 439	-	13	218	217	170	309	252	139	85	36	38.0
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	232	-	-	13	20	25	85	33	18	34	4	42.0
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING	38	-	-	7	7	-	24	-	-	-	-	37.8
WHOLESALE AND RETAIL TRADE	86	-	-	-	7	6	42	24	-	7	-	39.8
ALL OTHER INDUSTRIES	108	-	-	6	6	19	19	9	18	27	4	52.2
MANAGEMENT RELATED OCCUPATIONS	1 739	-	-	293	411	243	279	268	76	109	60	33.4
ACCOUNTANTS AND AUDITORS	464	-	-	140	113	40	65	32	24	11	39	29.1
BUYERS AND PURCHASING AGENTS	348	-	-	50	91	58	38	56	28	6	21	32.8
PROFESSIONAL SPECIALTY OCCUPATIONS	15 905	54	230	1 743	2 945	2 799	3 564	2 548	998	646	378	35.5
ENGINEERS, ARCHITECTS, AND SURVEYORS	60	-	7	5	15	5	5	16	7	-	-	33.0
ARCHITECTS	17	-	-	-	-	5	-	12	-	-	-	47.5
ENGINEERS	43	-	7	5	15	-	5	4	7	-	-	28.2
ELECTRICAL AND ELECTRONIC ENGINEERS	9	-	-	5	-	-	-	4	-	-	-	24.7
MECHANICAL ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER ENGINEERS	34	-	7	-	15	-	5	-	7	-	-	28.3
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	154	-	-	41	57	30	7	19	-	-	-	28.2
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	97	-	-	28	50	-	7	12	-	-	-	27.0
NATURAL SCIENTISTS	87	-	17	21	19	5	13	12	-	-	-	26.4
HEALTH DIAGNOSING OCCUPATIONS	151	-	-	10	21	51	18	15	23	8	5	34.4
PHYSICIANS	108	-	-	5	14	35	18	-	23	8	5	35.0
DENTISTS	5	-	-	5	-	-	-	-	-	-	-	21.0
OTHER HEALTH DIAGNOSING PRACTITIONERS	38	-	-	-	7	16	-	15	-	-	-	33.8
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	4 897	4	29	572	889	769	1 180	896	297	155	106	36.6
REGISTERED NURSES	4 041	-	8	331	696	667	1 041	804	265	141	88	38.1
PHARMACISTS	65	-	5	18	6	8	7	15	-	-	6	32.2
THERAPISTS	579	-	12	133	159	81	109	59	14	6	6	29.5
TEACHERS, LIBRARIANS, AND COUNSELORS	8 181	22	108	729	1 493	1 508	1 938	1 318	523	360	182	36.0
TEACHERS, POSTSECONDARY	919	-	56	108	154	117	208	158	61	50	7	35.9
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	4 400	-	4	299	883	960	1 033	735	231	162	93	35.4
TEACHERS, SECONDARY	1 418	-	-	102	250	241	413	203	116	59	34	37.5
SOCIAL SCIENTISTS AND URBAN PLANNERS	187	-	-	36	26	71	25	23	-	-	6	32.2
SOCIAL AND RECREATION WORKERS	1 002	8	5	165	245	137	166	130	59	52	35	32.8
RELIGIOUS WORKERS	45	-	-	6	-	-	15	-	5	6	13	56.5
LAWYERS AND JUDGES	116	9	-	6	13	46	19	9	-	7	7	33.3
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	1 025	11	64	152	167	177	178	110	84	58	24	33.3
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	47 486	1 568	3 362	8 173	6 045	5 371	7 472	7 805	4 049	2 402	1 239	34.3
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	3 700	7	33	764	878	670	576	450	165	90	67	31.3
HEALTH TECHNOLOGISTS AND TECHNICIANS	2 752	-	18	532	612	504	503	350	110	76	47	32.1
LICENSED PRACTICAL NURSES	1 378	-	-	158	284	307	275	212	61	53	28	34.0
ENGINEERING AND SCIENCE TECHNICIANS	464	-	15	142	125	72	23	60	20	-	7	28.0
ELECTRICAL AND ELECTRONIC TECHNICIANS	83	-	4	6	36	11	-	26	-	-	-	29.4
DRAFTING AND SURVEYING TECHNICIANS	65	-	7	-	32	7	6	6	-	-	7	29.0
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	484	7	-	90	141	94	50	40	35	14	13	30.2
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	222	7	-	42	72	46	29	7	5	14	-	29.3
SALES OCCUPATIONS	11 536	1 068	1 378	1 924	1 173	1 070	1 567	1 668	754	539	395	31.1
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 379	-	37	310	198	141	252	254	111	64	12	35.1
SELF-EMPLOYED	286	-	-	12	33	29	77	91	27	12	5	41.9
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	1 246	14	51	117	208	172	311	174	121	40	38	36.9
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	303	-	-	62	106	10	61	26	38	-	-	29.2
SALES WORKERS, RETAIL AND PERSONAL SERVICES	8 580	1 054	1 290	1 435	647	742	943	1 214	484	431	340	28.9
CASHIERS	3 512	526	697	660	275	349	414	343	139	76	33	23.6
SALES RELATED OCCUPATIONS	28	-	-	-	14	5	-	-	-	4	5	30.0

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SPRINGFIELD-CHICOPEE-HOLYOKE, MA-CT SMSA	TOTAL, 16 YEARS AND OVER	16 AND 17 YEARS	18 AND 19 YEARS	20 TO 24 YEARS	25 TO 29 YEARS	30 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 59 YEARS	60 TO 64 YEARS	65 YEARS AND OVER	MEDIAN AGE
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	32 250	493	1 951	5 485	3 994	3 631	5 329	5 687	3 130	1 773	777	36.0
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	1 295	-	22	130	185	216	242	304	141	45	10	38.5
COMPUTER EQUIPMENT OPERATORS	547	-	69	156	32	56	96	86	42	5	5	31.5
SECRETARIES, STENOGRAPHERS, AND TYPISTS	10 455	125	537	1 769	1 347	1 195	1 967	1 655	1 071	544	245	36.2
SECRETARIES	8 084	73	292	1 354	1 027	972	1 618	1 364	825	375	184	36.9
RECEPTIONISTS	1 064	37	89	188	113	122	157	158	46	89	65	34.3
FILE CLERKS	803	55	110	224	76	57	112	99	32	31	7	25.8
FINANCIAL RECORDS PROCESSING OCCUPATIONS	5 123	26	114	664	572	648	808	1 115	525	417	234	40.9
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	3 802	26	74	378	360	473	647	920	374	338	212	43.8
TELEPHONE OPERATORS	734	7	38	83	87	60	125	190	88	49	7	42.2
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	591	-	73	83	65	64	75	105	79	34	13	36.7
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	952	19	70	149	177	90	141	92	128	80	6	33.4
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	286	-	-	66	86	15	44	40	28	7	-	29.5
BANK TELLERS	1 338	21	129	432	196	149	154	158	61	29	9	27.2
DATA-ENTRY KEYERS	869	12	96	195	149	110	128	72	88	11	8	29.4
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	8 193	191	604	1 346	909	849	1 280	1 613	801	432	168	36.5
SERVICE OCCUPATIONS	20 325	1 469	2 362	3 397	1 968	1 845	3 280	3 096	1 182	1 068	658	32.6
PRIVATE HOUSEHOLD OCCUPATIONS	739	62	52	106	29	51	59	82	41	61	196	46.2
PROTECTIVE SERVICE OCCUPATIONS	628	14	82	71	74	81	134	70	63	10	29	34.5
FIREFIGHTING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
POLICE AND DETECTIVES, PUBLIC SERVICE	55	-	-	-	24	7	18	-	6	-	-	32.5
GUARDS	551	14	82	71	50	66	108	70	51	10	29	34.4
OTHER PROTECTIVE SERVICE OCCUPATIONS	22	-	-	-	-	8	8	-	6	-	-	41.9
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	18 958	1 393	2 228	3 220	1 865	1 713	3 087	2 944	1 078	997	433	32.3
FOOD PREPARATION AND SERVICE OCCUPATIONS	8 784	977	1 594	1 508	644	617	1 143	1 305	448	382	166	27.4
WAITERS AND FOOD COUNTER WORKERS	4 268	717	753	879	414	336	503	433	120	67	46	23.3
COOKS	1 396	77	109	126	81	83	266	297	154	149	54	43.6
HEALTH SERVICE OCCUPATIONS	5 185	295	451	1 135	613	485	928	653	286	252	87	31.0
NURSING AIDES, ORDERLIES, AND ATTENDANTS	4 235	227	350	853	524	370	800	547	242	235	87	32.2
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	1 755	93	76	219	122	122	295	441	141	184	62	43.2
PERSONAL SERVICE OCCUPATIONS	3 234	28	107	358	486	489	721	545	203	179	118	36.7
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	1 304	-	38	180	264	229	268	152	71	62	40	33.7
FARMING, FORESTRY, AND FISHING OCCUPATIONS	443	25	18	104	21	37	66	78	20	35	39	37.2
FARM OPERATORS AND MANAGERS	75	-	-	-	6	11	17	29	6	-	6	47.5
FARM OCCUPATIONS, EXCEPT MANAGERIAL	174	19	8	46	9	6	17	20	14	23	12	34.2
RELATED AGRICULTURAL OCCUPATIONS	154	6	6	51	6	12	32	22	-	12	7	33.3
FORESTRY AND FISHING OCCUPATIONS	40	-	4	7	-	8	-	7	-	-	14	45.7
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	2 343	16	61	355	381	247	347	487	259	155	35	38.2
MECHANICS AND REPAIRERS	205	-	12	27	50	26	21	29	15	12	13	32.6
AUTOMOBILE MECHANICS, INCLUDING BODY	25	-	-	9	-	4	5	-	-	-	7	34.4
AIRCRAFT MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER MECHANICS AND REPAIRERS	180	-	12	18	50	22	16	29	15	12	6	32.3
CONSTRUCTION TRADES	142	5	-	36	37	12	23	23	6	-	-	29.1
CARPENTERS	59	5	-	18	22	-	8	-	6	-	-	26.5
ELECTRICIANS	41	-	-	7	13	6	9	6	-	-	-	30.4
PAINTERS, CONSTRUCTION AND MAINTENANCE	28	-	-	11	-	6	-	11	-	-	-	32.5
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	6	-	-	-	-	-	6	-	-	-	-	37.5
OTHER CONSTRUCTION TRADES	8	-	-	-	2	-	-	6	-	-	-	51.7
EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	1 996	11	49	292	294	209	303	435	238	143	22	39.6
SUPERVISORS, PRODUCTION OCCUPATIONS	715	-	9	73	74	67	118	176	118	73	7	45.8
MANUFACTURING	523	-	3	45	52	49	87	156	89	35	7	46.4
PRECISION METALWORKING OCCUPATIONS	210	7	6	45	43	33	42	16	11	7	-	30.6
TOOL AND DIE MAKERS	7	-	-	-	-	-	7	-	-	-	-	42.5
MACHINISTS	148	-	-	36	34	22	28	16	5	7	-	30.9
SHEET METAL WORKERS	14	-	-	-	-	7	7	-	-	-	-	35.0
OTHER PRECISION METAL WORKERS	41	7	6	9	9	4	-	-	6	-	-	21.7
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	210	-	11	20	17	20	18	71	8	37	8	47.8
PLANT AND SYSTEM OPERATORS	30	-	-	7	23	-	-	-	-	-	-	26.7
OTHER PRECISION PRODUCTION OCCUPATIONS	831	4	23	147	137	89	125	172	101	26	7	36.1

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TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	15 262	305	759	2 013	1 387	1 577	2 653	2 960	1 959	1 240	409	41.0
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	12 550	197	604	1 585	1 146	1 232	2 100	2 511	1 740	1 082	353	42.2
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	7 937	135	347	931	731	754	1 394	1 555	1 144	723	223	42.5
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	403	6	4	62	26	29	71	112	46	34	13	45.4
PRINTING MACHINE OPERATORS	414	6	25	76	38	51	38	34	120	26	-	37.3
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	2 362	74	70	211	175	180	425	550	340	244	93	46.0
TEXTILE MACHINE OPERATORS	350	-	9	32	59	40	83	56	54	6	11	39.9
TEXTILE SEWING MACHINE OPERATORS	1 460	23	14	152	56	110	254	421	218	143	69	48.5
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	353	51	37	27	27	24	56	32	37	49	13	36.5
OTHER SPECIFIED MACHINE OPERATORS	1 320	12	81	119	146	121	232	267	197	110	35	42.4
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	3 438	37	167	463	346	373	628	592	441	309	82	40.2
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	902	4	50	139	75	121	147	151	126	76	13	38.9
MACHINE OPERATORS, NOT SPECIFIED	2 536	33	117	324	271	252	481	441	315	233	69	40.6
INDUSTRY:												
MANUFACTURING	3 275	29	148	412	334	352	606	585	423	304	82	40.8
NONDURABLE GOODS	1 576	-	45	162	128	178	321	286	234	167	55	43.7
FOOD AND KINDRED PRODUCTS	19	-	-	-	-	-	8	-	-	7	4	61.1
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	80	-	-	6	5	6	28	16	19	-	-	40.0
PAPER AND ALLIED PRODUCTS	548	-	5	49	58	51	103	124	53	85	20	45.5
OTHER NONDURABLE GOODS	929	-	40	107	65	121	182	146	162	75	31	42.8
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	1 699	29	103	250	206	174	285	299	189	137	27	37.6
METAL INDUSTRIES	233	6	22	28	16	18	22	76	19	21	5	45.7
MACHINERY, INCLUDING ELECTRICAL	545	13	56	62	55	29	81	109	83	40	17	41.5
TRANSPORTATION EQUIPMENT	26	-	-	-	4	22	-	-	-	-	-	32.0
OTHER DURABLE GOODS	895	10	25	160	131	105	182	114	87	76	5	35.8
NONMANUFACTURING INDUSTRIES	163	8	19	51	12	21	22	7	18	5	-	26.5
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	58	-	12	14	6	8	11	7	-	-	-	27.5
ALL OTHER INDUSTRIES	105	8	7	37	6	13	11	-	18	5	-	25.4
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	2 938	32	191	447	282	306	505	598	338	201	38	39.7
WELDERS AND CUTTERS	78	-	9	12	7	22	12	16	-	-	-	32.5
ASSEMBLERS	2 571	26	166	388	237	266	474	523	288	190	13	39.6
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	289	6	16	47	38	18	19	59	50	11	25	45.1
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 675	30	66	207	133	172	201	358	258	158	92	45.9
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	831	7	34	99	93	159	242	122	37	27	11	35.8
MOTOR VEHICLE OPERATORS	705	7	15	79	74	132	220	109	37	21	11	36.7
TRUCK DRIVERS AND DRIVER-SALES WORKERS	234	7	15	12	27	72	43	29	11	7	11	33.9
BUS DRIVERS	448	-	-	61	47	60	171	74	21	14	-	37.3
RAIL AND WATER TRANSPORTATION OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	126	-	19	20	19	27	22	13	-	6	-	30.9
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	1 881	101	121	329	148	186	311	327	182	131	45	37.0
CONSTRUCTION LABORERS	28	7	-	21	-	-	-	-	-	-	-	21.2
FREIGHT, STOCK, AND MATERIAL HANDLERS	547	69	54	76	33	79	74	65	53	30	14	32.6
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	13	-	6	7	-	-	-	-	-	-	-	22.2
HAND PACKERS AND PACKAGERS	975	13	33	142	101	81	157	233	117	79	19	42.9
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	34	6	11	5	-	-	-	-	-	6	6	20.0
LABORERS, EXCEPT CONSTRUCTION	284	6	17	78	14	26	80	29	12	16	6	35.1
MANUFACTURING	120	-	-	46	6	10	23	17	7	5	6	34.0
NONDURABLE GOODS	84	-	-	26	-	10	23	12	7	-	6	39.3
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	36	-	-	20	6	-	-	5	-	5	-	23.8
METAL INDUSTRIES	5	-	-	-	-	-	-	5	-	-	-	52.5
NONMANUFACTURING INDUSTRIES	164	6	17	32	8	16	57	12	5	11	-	35.4
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	5	-	5	-	-	-	-	-	-	-	-	19.0
WHOLESALE AND RETAIL TRADE	84	-	12	12	-	12	32	6	5	5	-	36.6
ALL OTHER INDUSTRIES	75	6	-	20	8	4	25	6	-	6	-	34.4

TABLE 221. OCCUPATION OF EMPLOYED PERSONS BY AGE, 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	TOTAL, 16 YEARS AND OVER	16 AND 17 YEARS	18 AND 19 YEARS	20 TO 24 YEARS	25 TO 29 YEARS	30 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 59 YEARS	60 TO 64 YEARS	65 YEARS AND OVER	MEDIAN AGE
TOTAL												
EMPLOYED MALES 16 YEARS AND OVER	96 284	2 891	4 506	13 077	12 766	12 249	17 509	15 730	7 830	6 134	3 592	36.4
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	24 973	33	106	1 736	3 364	4 494	6 122	4 582	1 914	1 619	1 003	38.9
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	12 412	8	25	825	1 316	2 128	3 014	2 663	957	921	555	40.6
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	401	-	-	38	36	76	35	75	43	36	62	46.8
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	530	-	-	22	12	53	151	169	60	51	12	46.1
MANAGERS, MEDICINE AND HEALTH	119	-	-	12	16	11	40	23	10	7	-	40.8
OTHER SPECIFIED MANAGERS	2 477	-	-	112	265	473	677	508	194	216	32	40.3
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	5 791	4	25	439	569	951	1 494	1 244	441	388	236	40.2
MANUFACTURING	2 170	-	-	77	158	366	558	572	199	152	88	43.7
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	390	-	-	29	40	64	97	95	30	18	17	39.5
WHOLESALE AND RETAIL TRADE	1 468	4	8	180	183	223	331	284	116	54	85	38.0
ALL OTHER INDUSTRIES	1 763	-	17	153	188	298	508	293	96	164	46	38.7
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	591	-	-	46	53	78	135	153	43	36	47	43.2
CONSTRUCTION	82	-	-	-	17	20	24	-	6	-	15	36.4
MANUFACTURING	72	-	-	12	-	5	7	24	6	18	-	51.8
WHOLESALE AND RETAIL TRADE	225	-	-	14	7	49	70	53	21	-	11	38.8
ALL OTHER INDUSTRIES	212	-	-	20	29	4	34	76	10	18	21	47.0
MANAGEMENT RELATED OCCUPATIONS	2 503	4	-	156	365	486	482	491	166	187	166	38.8
ACCOUNTANTS AND AUDITORS	971	-	-	94	190	174	149	161	49	88	66	36.3
BUYERS AND PURCHASING AGENTS	452	4	-	27	76	106	104	79	20	29	7	36.0
PROFESSIONAL SPECIALTY OCCUPATIONS	12 561	25	81	911	2 048	2 366	3 108	1 919	957	698	448	37.3
ENGINEERS, ARCHITECTS, AND SURVEYORS	3 480	5	19	306	587	568	739	636	333	211	76	37.9
ARCHITECTS	99	-	5	13	6	21	13	15	7	11	8	36.7
ENGINEERS	3 292	5	14	276	552	540	719	599	326	193	68	38.0
ELECTRICAL AND ELECTRONIC ENGINEERS	596	-	-	43	85	126	145	110	63	24	-	37.6
MECHANICAL ENGINEERS	766	-	-	41	144	93	188	128	76	72	24	40.0
OTHER ENGINEERS	1 930	5	14	192	323	321	386	361	187	97	44	37.3
SURVEYORS AND MAPPING SCIENTISTS	89	-	-	17	29	7	7	22	-	7	-	29.7
MATHEMATICAL AND COMPUTER SCIENTISTS	505	-	5	49	99	129	139	46	14	24	-	33.9
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	377	-	5	34	79	108	111	34	6	-	-	33.3
NATURAL SCIENTISTS	305	-	-	20	45	48	93	41	25	26	7	40.3
HEALTH DIAGNOSING OCCUPATIONS	1 043	-	-	15	145	212	256	137	74	78	126	40.0
PHYSICIANS	791	-	-	7	127	177	190	78	62	55	95	39.0
DENTISTS	188	-	-	-	18	27	53	30	12	23	25	43.7
OTHER HEALTH DIAGNOSING PRACTITIONERS	64	-	-	8	-	8	13	29	-	-	6	50.5
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	412	3	6	23	114	69	63	57	39	10	28	34.3
REGISTERED NURSES	75	-	6	5	19	18	10	-	7	10	-	32.1
PHARMACISTS	219	-	-	6	64	18	39	51	24	-	17	40.1
THERAPISTS	76	-	-	12	23	23	7	-	-	-	11	30.7
TEACHERS, LIBRARIANS, AND COUNSELORS	3 878	-	21	228	554	820	1 143	652	266	157	37	37.4
TEACHERS, POSTSECONDARY	855	-	4	41	87	119	278	164	89	60	13	40.3
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	1 183	-	-	43	184	309	414	161	49	20	3	36.1
TEACHERS, SECONDARY	1 171	-	-	60	160	274	304	222	80	64	7	37.5
SOCIAL SCIENTISTS AND URBAN PLANNERS	364	-	-	20	80	120	99	16	25	-	4	33.4
SOCIAL AND RECREATION WORKERS	531	12	7	99	120	76	109	35	34	31	8	31.8
RELIGIOUS WORKERS	374	-	-	-	57	53	84	89	27	44	20	44.2
LAWYERS AND JUDGES	550	-	-	-	42	117	124	108	29	53	77	44.4
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	1 119	5	23	151	205	154	259	102	91	64	65	35.7
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	18 224	428	792	2 800	2 618	2 440	3 198	3 002	1 345	1 001	600	35.1
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	2 997	11	114	709	601	493	428	413	120	69	39	30.6
HEALTH TECHNOLOGISTS AND TECHNICIANS	311	-	6	77	85	68	22	42	5	6	-	29.3
LICENSED PRACTICAL NURSES	59	-	-	-	-	14	4	30	5	6	-	51.6
ENGINEERING AND SCIENCE TECHNICIANS	1 637	6	84	369	300	231	235	235	102	57	18	31.3
ELECTRICAL AND ELECTRONIC TECHNICIANS	473	-	26	149	103	107	45	27	5	11	-	28.0
DRAFTING AND SURVEYING TECHNICIANS	551	6	18	100	72	78	112	116	33	10	6	35.1
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	1 049	5	24	263	216	194	171	136	13	6	21	30.4
AIRPLANE PILOTS AND NAVIGATORS	58	-	-	-	7	5	28	16	-	-	2	38.7
COMPUTER PROGRAMMERS	392	-	11	124	102	94	39	22	-	-	-	28.0
SALES OCCUPATIONS	7 918	199	281	881	1 018	1 086	1 651	1 391	609	472	330	37.5
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 834	7	9	199	295	226	472	312	129	129	56	38.3
SELF-EMPLOYED	496	-	5	17	52	77	107	113	23	62	40	44.0
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	1 517	-	7	105	149	319	370	308	115	88	56	38.2
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	2 157	7	15	133	279	309	484	489	212	135	94	41.9
SALES WORKERS, RETAIL AND PERSONAL SERVICES	2 365	185	250	438	290	232	305	275	153	113	124	30.4
CASHIERS	299	48	51	81	30	-	6	19	39	13	12	21.9
SALES RELATED OCCUPATIONS	45	-	-	6	5	-	20	7	-	7	-	39.4

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WORCESTER, MA SMSA	TOTAL, 16 YEARS AND OVER	16 AND 17 YEARS	18 AND 19 YEARS	20 TO 24 YEARS	25 TO 29 YEARS	30 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 59 YEARS	60 TO 64 YEARS	65 YEARS AND OVER	MEDIAN AGE
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	7 309	218	397	1 210	999	861	1 119	1 198	616	460	231	34.8
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	1 223	-	15	43	146	219	288	277	130	77	28	41.5
COMPUTER EQUIPMENT OPERATORS	264	4	6	83	65	43	34	29	-	-	-	28.0
SECRETARIES, STENOGRAPHERS, AND TYPISTS	23	6	11	6	-	-	-	-	-	-	-	19.0
SECRETARIES	11	-	11	-	-	-	-	-	-	-	-	19.0
RECEPTIONISTS	36	-	3	9	-	-	-	12	-	7	5	52.5
FILE CLERKS	63	-	9	15	10	7	9	-	6	7	-	28.8
FINANCIAL RECORDS PROCESSING OCCUPATIONS	334	12	32	71	31	10	30	41	46	26	35	39.6
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	160	6	11	32	17	5	16	15	26	12	20	41.1
TELEPHONE OPERATORS	27	-	-	5	-	-	15	7	-	-	-	39.7
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	1 083	28	55	96	99	133	125	271	162	89	25	45.3
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	1 812	101	101	434	258	163	258	226	114	105	52	30.4
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	137	-	-	11	29	12	29	37	12	7	-	39.3
BANK TELLERS	85	10	10	25	27	-	5	8	-	-	-	24.3
DATA-ENTRY KEYERS	30	-	-	-	16	-	10	4	-	-	-	29.7
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	2 192	57	155	412	318	274	316	286	146	142	86	32.8
SERVICE OCCUPATIONS	9 707	1 100	992	1 596	896	729	1 026	1 251	709	698	710	31.8
PRIVATE HOUSEHOLD OCCUPATIONS	15	-	-	-	12	-	-	-	-	-	3	28.1
PROTECTIVE SERVICE OCCUPATIONS	2 533	7	88	265	297	379	408	507	201	187	194	40.6
FIREFIGHTING OCCUPATIONS	643	-	-	53	98	102	13[illegible]	161	64	20	7	40.5
POLICE AND DETECTIVES, PUBLIC SERVICE	652	-	-	44	94	166	16[illegible]	125	31	27	-	35.9
GUARDS	895	7	83	168	68	70	24	117	60	115	183	46.9
OTHER PROTECTIVE SERVICE OCCUPATIONS	343	-	5	-	37	41	81	104	46	25	4	45.6
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	7 159	1 093	904	1 331	587	350	618	744	508	511	513	27.1
FOOD PREPARATION AND SERVICE OCCUPATIONS	2 455	662	471	532	177	117	130	116	80	76	94	20.6
WAITERS AND FOOD COUNTER WORKERS	223	68	42	65	34	-	8	-	-	-	6	20.1
COOKS	819	198	180	183	43	38	55	43	19	29	31	20.7
HEALTH SERVICE OCCUPATIONS	348	23	25	99	44	22	48	27	31	11	18	28.1
NURSING AIDES, ORDERLIES, AND ATTENDANTS	278	14	19	68	33	22	44	22	27	11	18	31.1
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	3 825	359	371	621	304	193	327	564	353	389	344	36.9
PERSONAL SERVICE OCCUPATIONS	531	49	37	79	62	18	113	37	44	35	57	36.3
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	269	-	-	41	38	11	83	23	26	15	32	38.6
FARMING, FORESTRY, AND FISHING OCCUPATIONS	1 304	110	114	205	146	111	220	145	68	101	84	33.5
FARM OPERATORS AND MANAGERS	263	-	11	20	34	15	84	23	16	31	29	39.3
FARM OCCUPATIONS, EXCEPT MANAGERIAL	339	33	40	45	44	48	49	15	9	33	23	30.8
RELATED AGRICULTURAL OCCUPATIONS	637	77	58	123	63	40	75	100	38	31	32	29.8
FORESTRY AND FISHING OCCUPATIONS	65	-	5	17	5	8	12	7	5	6	-	33.4
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	18 307	180	673	2 618	2 578	2 055	3 333	3 246	1 907	1 277	440	38.0
MECHANICS AND REPAIRERS	5 521	62	260	795	851	667	1 048	942	518	279	99	36.1
AUTOMOBILE MECHANICS, INCLUDING BODY	1 655	27	116	364	344	190	205	244	107	17	41	29.7
AIRCRAFT MECHANICS	32	-	-	-	15	11	6	-	-	-	-	30.5
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	193	-	4	23	15	42	54	33	12	5	5	37.6
OTHER MECHANICS AND REPAIRERS	3 641	35	140	408	477	424	783	665	399	257	53	38.8
CONSTRUCTION TRADES	4 615	64	170	663	680	571	797	898	423	268	81	37.0
CARPENTERS	1 336	4	54	216	223	163	211	211	127	76	51	35.5
ELECTRICIANS	645	-	42	94	89	66	143	126	25	50	10	36.9
PAINTERS, CONSTRUCTION AND MAINTENANCE	357	27	12	74	52	31	74	21	35	24	7	32.2
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	560	18	15	97	100	95	33	109	62	31	-	32.6
OTHER CONSTRUCTION TRADES	1 717	15	47	182	216	216	336	431	174	87	13	39.9
EXTRACTIVE OCCUPATIONS	28	-	-	7	12	-	1	8	-	-	-	27.9
PRECISION PRODUCTION OCCUPATIONS	8 143	54	243	1 153	1 035	817	1 487	1 398	966	730	260	40.2
SUPERVISORS, PRODUCTION OCCUPATIONS	3 413	-	55	320	381	378	798	614	484	314	69	42.5
MANUFACTURING	2 786	-	31	251	315	273	666	553	408	238	51	43.0
PRECISION METALWORKING OCCUPATIONS	2 871	24	125	600	385	266	402	435	296	259	79	35.7
TOOL AND DIE MAKERS	510	-	2	61	61	40	110	93	71	58	14	43.2
MACHINISTS	1 948	15	112	455	278	169	240	293	160	161	65	33.4
SHEET METAL WORKERS	239	9	4	84	20	44	13	29	16	20	-	30.3
OTHER PRECISION METAL WORKERS	174	-	7	-	26	13	39	20	49	20	-	45.7
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	262	-	8	38	44	25	15	72	29	13	18	45.1
PLANT AND SYSTEM OPERATORS	312	5	-	26	27	28	67	52	39	61	7	45.7
OTHER PRECISION PRODUCTION OCCUPATIONS	1 285	25	55	169	198	120	205	225	118	83	87	38.7

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TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	23 769	1 040	1 829	4 122	3 164	2 420	3 610	3 504	1 887	1 438	755	33.6
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	13 246	243	827	2 333	1 887	1 363	1 910	2 054	1 177	1 032	420	34.9
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	10 047	141	591	1 771	1 454	998	1 493	1 600	849	818	332	35.5
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	2 192	31	62	386	341	206	286	374	210	234	62	37.6
PRINTING MACHINE OPERATORS	660	6	17	139	59	74	114	168	29	36	18	37.9
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	882	23	63	101	80	69	111	133	70	158	74	44.4
TEXTILE MACHINE OPERATORS	409	-	20	62	26	39	40	53	37	78	54	51.7
TEXTILE SEWING MACHINE OPERATORS	40	-	5	-	-	5	-	13	-	10	7	52.5
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	217	15	24	17	16	6	37	43	27	19	13	43.5
OTHER SPECIFIED MACHINE OPERATORS	3 017	15	159	567	494	275	448	512	240	220	87	35.0
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	3 296	66	290	578	480	374	534	413	300	170	91	33.1
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	903	8	80	153	129	91	168	121	92	38	23	34.5
MACHINE OPERATORS, NOT SPECIFIED	2 393	58	210	425	351	283	366	292	208	132	68	32.7
INDUSTRY:												
MANUFACTURING	3 083	54	262	555	467	354	476	396	282	151	86	32.9
NONDURABLE GOODS	793	22	57	140	138	86	170	75	40	37	28	32.3
FOOD AND KINDRED PRODUCTS	54	-	-	9	7	-	29	5	4	-	-	39.6
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	167	-	12	33	12	28	17	19	21	25	-	34.7
PAPER AND ALLIED PRODUCTS	134	-	3	14	41	19	31	26	-	-	-	32.4
OTHER NONDURABLE GOODS	438	22	42	84	78	39	93	25	15	12	28	29.6
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	2 290	32	205	415	329	268	306	321	242	114	58	33.1
METAL INDUSTRIES	1 016	8	87	159	138	127	129	178	119	67	4	34.6
MACHINERY, INCLUDING ELECTRICAL	697	12	85	133	90	50	88	105	88	13	33	32.8
TRANSPORTATION EQUIPMENT	39	-	12	-	-	11	16	-	-	-	-	33.4
OTHER DURABLE GOODS	538	12	21	123	101	80	73	38	35	34	21	30.7
NONMANUFACTURING INDUSTRIES	213	12	28	23	13	20	58	17	18	19	5	36.9
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	48	-	-	6	-	14	5	17	6	-	-	44.0
WHOLESALE AND RETAIL TRADE	63	12	8	5	-	-	19	-	7	7	5	39.1
ALL OTHER INDUSTRIES	102	-	20	12	13	6	34	-	5	12	-	35.0
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	2 066	70	201	386	311	256	274	216	159	136	57	31.3
WELDERS AND CUTTERS	629	9	37	121	106	111	97	65	42	22	19	31.9
ASSEMBLERS	1 347	48	162	258	189	145	160	131	112	114	28	30.6
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	90	13	2	7	16	-	17	20	5	-	10	40.5
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 133	32	35	176	122	109	143	238	169	78	31	39.7
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	5 821	55	142	840	791	722	1 241	1 102	454	276	198	38.2
MOTOR VEHICLE OPERATORS	4 434	37	93	590	566	583	954	847	344	222	198	39.3
TRUCK DRIVERS AND DRIVER-SALES WORKERS	3 792	32	93	539	509	543	815	738	298	160	65	37.7
BUS DRIVERS	370	-	-	32	12	4	92	74	26	56	74	49.8
RAIL AND WATER TRANSPORTATION OCCUPATIONS	87	-	10	-	19	12	10	11	11	14	-	41.3
MATERIAL MOVING EQUIPMENT OPERATORS	1 300	18	39	250	206	127	277	244	99	40	-	35.3
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	178	-	-	11	10	28	70	50	7	2	-	41.5
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	4 702	742	860	949	486	335	459	348	256	130	137	23.8
CONSTRUCTION LABORERS	438	15	32	76	46	56	77	56	43	31	6	34.5
FREIGHT, STOCK, AND MATERIAL HANDLERS	2 004	523	447	353	152	110	160	125	45	56	33	20.4
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	338	73	111	63	17	20	-	23	14	-	17	19.7
HAND PACKERS AND PACKAGERS	270	8	56	56	57	13	27	15	25	6	7	26.3
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	511	68	51	134	53	30	59	35	30	8	43	25.2
LABORERS, EXCEPT CONSTRUCTION	1 141	55	163	267	161	106	136	94	99	29	31	27.7
MANUFACTURING	493	-	59	143	44	49	70	23	64	18	23	30.1
NONDURABLE GOODS	137	-	28	55	5	-	-	6	29	8	6	23.8
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	356	-	31	88	39	49	70	17	35	10	17	32.0
METAL INDUSTRIES	129	-	13	35	16	24	15	3	13	4	6	30.1
NONMANUFACTURING INDUSTRIES	648	55	104	124	117	57	66	71	35	11	8	26.8
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	85	4	-	17	14	12	15	15	2	6	-	33.1
WHOLESALE AND RETAIL TRADE	427	48	65	93	97	31	42	36	7	-	8	25.4
ALL OTHER INDUSTRIES	136	3	39	14	6	14	9	20	26	5	-	32.1

TABLE 221. OCCUPATION OF EMPLOYED PERSONS BY AGE, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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WORCESTER, MA SMSA	TOTAL, 16 YEARS AND OVER	16 AND 17 YEARS	18 AND 19 YEARS	20 TO 24 YEARS	25 TO 29 YEARS	30 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 59 YEARS	60 TO 64 YEARS	65 YEARS AND OVER	MEDIAN AGE
TOTAL												
EMPLOYED FEMALES 16 YEARS AND OVER	75 274	3 027	4 206	11 733	9 196	8 368	13 384	12 353	6 304	4 339	2 364	35.8
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	16 760	48	119	2 123	2 964	2 877	3 593	2 818	1 176	690	352	35.6
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	4 379	6	82	569	608	677	904	843	384	199	107	37.5
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	182	-	-	23	22	11	49	26	25	18	8	39.6
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	295	-	6	48	30	28	81	65	14	5	18	41.4
MANAGERS, MEDICINE AND HEALTH	192	-	-	39	13	13	44	29	41	6	7	42.4
OTHER SPECIFIED MANAGERS	562	-	25	95	85	89	127	95	32	14	-	34.3
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	1 694	6	44	156	217	254	371	383	142	74	47	39.1
MANUFACTURING	247	-	-	5	13	37	58	101	14	12	7	46.1
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	85	-	9	3	7	20	33	7	6	-	-	38.5
WHOLESALE AND RETAIL TRADE	457	-	12	55	82	40	114	77	32	20	25	37.9
ALL OTHER INDUSTRIES	905	6	23	93	115	157	166	198	90	42	15	38.1
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	168	-	-	-	24	28	47	28	25	8	8	39.1
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING	33	-	-	-	6	7	20	-	-	-	-	35.9
WHOLESALE AND RETAIL TRADE	68	-	-	-	11	12	10	16	11	-	8	45.3
ALL OTHER INDUSTRIES	67	-	-	-	7	9	17	12	14	8	-	45.2
MANAGEMENT RELATED OCCUPATIONS	1 286	-	7	208	217	254	185	217	105	74	19	34.2
ACCOUNTANTS AND AUDITORS	398	-	-	83	80	69	58	39	28	22	19	32.6
BUYERS AND PURCHASING AGENTS	167	-	-	25	39	28	15	17	37	6	-	33.5
PROFESSIONAL SPECIALTY OCCUPATIONS	12 381	42	37	1 554	2 356	2 200	2 689	1 975	792	491	245	35.0
ENGINEERS, ARCHITECTS, AND SURVEYORS	105	-	-	17	30	24	29	-	-	-	5	31.1
ARCHITECTS	5	-	-	-	-	5	-	-	-	-	-	32.5
ENGINEERS	100	-	-	17	30	19	29	-	-	-	5	30.8
ELECTRICAL AND ELECTRONIC ENGINEERS	19	-	-	4	8	-	7	-	-	-	-	28.4
MECHANICAL ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER ENGINEERS	81	-	-	13	22	19	22	-	-	-	5	31.4
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	218	-	7	28	43	27	56	37	14	6	-	35.8
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	120	-	-	14	18	20	44	18	6	-	-	37.4
NATURAL SCIENTISTS	59	-	-	8	30	6	-	6	3	-	6	28.6
HEALTH DIAGNOSING OCCUPATIONS	152	-	-	24	25	28	37	10	5	12	11	34.8
PHYSICIANS	120	-	-	18	20	28	29	10	5	5	5	33.9
DENTISTS	8	-	-	-	-	-	8	-	-	-	-	42.5
OTHER HEALTH DIAGNOSING PRACTITIONERS	24	-	-	6	5	-	-	-	-	7	6	60.7
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	4 353	7	7	681	842	679	883	756	278	167	53	34.7
REGISTERED NURSES	3 778	-	-	556	674	622	800	673	253	147	53	35.4
PHARMACISTS	67	-	-	22	-	-	14	25	6	-	-	43.6
THERAPISTS	391	-	7	83	148	55	50	42	6	-	-	28.6
TEACHERS, LIBRARIANS, AND COUNSELORS	5 798	21	21	466	1 047	1 108	1 434	971	371	243	116	36.3
TEACHERS, POSTSECONDARY	321	-	-	47	41	54	100	73	6	-	-	36.4
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	3 312	6	6	255	613	639	850	519	209	169	46	36.3
TEACHERS, SECONDARY	1 256	-	-	85	248	287	326	190	78	24	18	35.2
SOCIAL SCIENTISTS AND URBAN PLANNERS	186	-	-	45	27	45	46	7	10	-	6	32.3
SOCIAL AND RECREATION WORKERS	791	6	-	168	164	122	82	116	78	23	32	32.4
RELIGIOUS WORKERS	49	-	-	-	5	7	12	13	-	12	-	45.2
LAWYERS AND JUDGES	67	-	-	-	8	20	17	-	5	17	-	37.1
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	603	8	2	117	135	134	93	59	28	11	16	31.5
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	33 571	1 272	2 287	5 845	3 938	3 396	5 940	5 356	2 666	1 878	993	35.1
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	2 924	15	47	762	658	469	420	251	144	128	30	29.8
HEALTH TECHNOLOGISTS AND TECHNICIANS	1 993	-	4	438	466	349	289	183	136	104	24	31.3
LICENSED PRACTICAL NURSES	1 035	-	-	220	209	145	132	145	100	71	13	33.1
ENGINEERING AND SCIENCE TECHNICIANS	386	15	31	161	45	39	38	24	8	19	6	24.6
ELECTRICAL AND ELECTRONIC TECHNICIANS	112	7	7	37	11	23	21	6	-	-	-	27.3
DRAFTING AND SURVEYING TECHNICIANS	60	-	6	27	13	-	-	5	2	7	-	24.3
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	545	-	12	163	147	81	93	44	-	5	-	28.3
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	192	-	-	40	69	45	27	11	-	-	-	29.1
SALES OCCUPATIONS	7 450	778	811	1 374	599	573	993	1 039	601	428	254	31.4
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	538	-	11	133	51	56	81	75	79	39	13	37.6
SELF-EMPLOYED	111	-	-	-	7	14	10	18	23	26	13	56.4
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	880	2	11	146	101	124	165	213	60	33	25	39.6
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	300	8	-	72	55	38	25	33	37	14	18	32.0
SALES WORKERS, RETAIL AND PERSONAL SERVICES	5 708	768	789	1 019	392	346	722	713	419	342	198	28.5
CASHIERS	2 282	312	487	522	176	100	295	225	89	44	32	22.1
SALES RELATED OCCUPATIONS	24	-	-	4	-	9	-	5	6	-	-	34.4

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WORCESTER, MA SMSA	TOTAL, 16 YEARS AND OVER	16 AND 17 YEARS	18 AND 19 YEARS	20 TO 24 YEARS	25 TO 29 YEARS	30 TO 34 YEARS	35 TO 44 YEARS	45 TO 54 YEARS	55 TO 59 YEARS	60 TO 64 YEARS	65 YEARS AND OVER	MEDIAN AGE
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	23 197	479	1 429	3 709	2 681	2 354	4 527	4 066	1 921	1 322	709	37.0
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	1 029	-	10	109	131	136	207	265	113	36	22	39.9
COMPUTER EQUIPMENT OPERATORS	544	4	23	156	113	82	94	55	12	5	-	28.9
SECRETARIES, STENOGRAPHERS, AND TYPISTS	7 586	86	506	1 326	878	798	1 499	1 314	600	355	224	36.3
SECRETARIES	6 241	67	377	1 115	773	678	1 244	1 050	511	291	135	35.9
RECEPTIONISTS	718	42	49	114	79	52	115	155	55	16	41	37.4
FILE CLERKS	288	47	55	54	19	15	28	46	6	12	6	23.4
FINANCIAL RECORDS PROCESSING OCCUPATIONS	3 610	13	88	481	408	431	781	667	362	234	145	40.0
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	2 680	13	63	290	295	295	617	535	243	195	134	41.0
TELEPHONE OPERATORS	512	6	26	57	67	40	54	139	82	26	15	45.5
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	258	24	11	72	26	12	27	30	30	17	9	29.2
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	611	7	37	78	59	65	125	125	64	51	-	38.4
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	124	-	-	24	32	5	9	20	19	15	-	36.0
BANK TELLERS	768	7	96	170	96	106	123	93	65	12	-	30.7
DATA-ENTRY KEYERS	629	2	74	77	123	131	118	60	29	15	-	31.5
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	6 520	241	454	991	650	481	1 347	1 097	484	528	247	37.9
SERVICE OCCUPATIONS	13 197	1 375	1 208	2 078	1 143	1 142	1 906	2 135	1 013	683	514	33.5
PRIVATE HOUSEHOLD OCCUPATIONS	538	82	27	46	6	27	41	76	45	59	129	49.7
PROTECTIVE SERVICE OCCUPATIONS	397	-	41	44	52	44	78	91	23	16	8	38.0
FIREFIGHTING OCCUPATIONS	7	-	-	-	7	-	-	-	-	-	-	27.5
POLICE AND DETECTIVES, PUBLIC SERVICE	28	-	-	-	18	6	-	4	-	-	-	28.9
GUARDS	327	-	41	44	27	30	73	75	18	11	8	38.7
OTHER PROTECTIVE SERVICE OCCUPATIONS	35	-	-	-	-	8	5	12	5	5	-	48.8
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	12 262	1 293	1 140	1 988	1 085	1 071	1 787	1 968	945	608	377	32.9
FOOD PREPARATION AND SERVICE OCCUPATIONS	5 377	886	727	830	399	337	784	738	336	224	116	28.1
WAITERS AND FOOD COUNTER WORKERS	2 700	546	421	504	265	207	431	181	76	52	17	23.5
COOKS	816	73	52	93	31	78	91	236	58	60	44	43.7
HEALTH SERVICE OCCUPATIONS	3 576	265	263	720	358	322	517	591	301	173	66	32.8
NURSING AIDES, ORDERLIES, AND ATTENDANTS	2 795	194	176	529	269	287	434	467	273	119	47	34.0
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	1 109	86	57	123	79	39	121	258	131	135	80	48.1
PERSONAL SERVICE OCCUPATIONS	2 200	56	93	315	249	373	365	381	177	76	115	35.3
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	771	-	18	121	93	182	120	114	42	27	54	34.2
FARMING, FORESTRY, AND FISHING OCCUPATIONS	326	17	51	100	22	27	31	34	11	13	20	24.8
FARM OPERATORS AND MANAGERS	64	-	-	7	4	15	11	6	2	13	6	40.8
FARM OCCUPATIONS, EXCEPT MANAGERIAL	164	7	44	42	9	10	20	22	1	-	9	23.9
RELATED AGRICULTURAL OCCUPATIONS	91	10	-	51	9	2	-	6	8	-	5	23.2
FORESTRY AND FISHING OCCUPATIONS	7	-	7	-	-	-	-	-	-	-	-	19.0
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	1 647	34	57	302	152	172	255	318	168	115	74	40.6
MECHANICS AND REPAIRERS	173	-	5	41	23	48	14	24	12	6	-	31.8
AUTOMOBILE MECHANICS, INCLUDING BODY	-	-	-	-	-	-	-	-	-	-	-	-
AIRCRAFT MECHANICS	5	-	-	-	-	-	-	5	-	-	-	52.5
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	5	-	5	-	-	-	-	-	-	-	-	19.0
OTHER MECHANICS AND REPAIRERS	163	-	-	41	23	48	14	19	12	6	-	31.8
CONSTRUCTION TRADES	50	9	6	29	-	-	-	6	-	-	-	21.5
CARPENTERS	30	9	6	15	-	-	-	-	-	-	-	20.0
ELECTRICIANS	-	-	-	-	-	-	-	-	-	-	-	-
PAINTERS, CONSTRUCTION AND MAINTENANCE	6	-	-	-	-	-	-	6	-	-	-	52.5
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER CONSTRUCTION TRADES	14	-	-	14	-	-	-	-	-	-	-	22.4
EXTRACTIVE OCCUPATIONS	6	-	-	-	6	-	-	-	-	-	-	27.5
PRECISION PRODUCTION OCCUPATIONS	1 418	25	46	232	123	124	241	288	156	109	74	42.4
SUPERVISORS, PRODUCTION OCCUPATIONS	580	-	33	113	55	52	101	121	64	23	18	40.2
MANUFACTURING	406	-	2	55	50	37	86	81	54	23	18	42.5
PRECISION METALWORKING OCCUPATIONS	139	-	-	33	22	30	13	24	-	12	5	32.4
TOOL AND DIE MAKERS	3	-	-	-	-	-	-	3	-	-	-	52.5
MACHINISTS	88	-	-	24	22	14	13	10	-	5	-	29.5
SHEET METAL WORKERS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER PRECISION METAL WORKERS	48	-	-	9	-	16	-	11	-	7	5	34.7
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	202	-	11	-	22	16	29	48	24	30	22	51.7
PLANT AND SYSTEM OPERATORS	30	-	-	11	7	-	7	5	-	-	-	27.9
OTHER PRECISION PRODUCTION OCCUPATIONS	467	25	2	75	17	26	91	90	68	44	29	44.8

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TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	9 773	281	484	1 285	977	754	1 659	1 692	1 270	960	411	41.5
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	7 848	142	357	989	827	553	1 328	1 444	1 030	842	336	42.8
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	5 327	90	214	565	578	351	880	1 063	721	632	233	44.8
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	362	-	22	59	19	42	52	49	47	53	19	42.7
PRINTING MACHINE OPERATORS	213	-	24	17	32	8	49	29	42	12	-	39.2
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	2 353	51	70	176	175	115	388	483	367	384	144	49.8
TEXTILE MACHINE OPERATORS	713	21	41	77	52	36	136	138	105	80	27	44.3
TEXTILE SEWING MACHINE OPERATORS	901	9	5	41	64	40	145	179	169	187	62	53.5
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	247	-	14	45	29	8	21	49	30	32	19	48.2
OTHER SPECIFIED MACHINE OPERATORS	812	15	34	130	139	51	130	146	75	78	14	37.7
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	1 587	24	64	183	213	135	261	356	190	105	56	41.1
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	458	9	17	67	69	29	72	68	74	18	35	40.4
MACHINE OPERATORS, NOT SPECIFIED	1 129	15	47	116	144	106	189	288	116	87	21	41.4
INDUSTRY:												
MANUFACTURING	1 433	15	57	163	201	126	228	311	178	105	49	41.5
NONDURABLE GOODS	619	5	25	63	85	61	97	137	74	51	21	41.8
FOOD AND KINDRED PRODUCTS	-	-	-	-	-	-	-	-	-	-	-	-
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	96	-	2	13	19	-	-	17	24	17	4	53.5
PAPER AND ALLIED PRODUCTS	115	-	12	5	12	27	25	6	8	13	7	35.5
OTHER NONDURABLE GOODS	408	5	11	45	54	34	72	114	42	21	10	42.2
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	814	10	32	100	116	65	131	174	104	54	28	41.3
METAL INDUSTRIES	275	6	17	15	35	27	57	60	31	11	16	42.3
MACHINERY, INCLUDING ELECTRICAL	306	-	8	61	52	32	40	66	27	8	12	35.0
TRANSPORTATION EQUIPMENT	15	-	-	9	-	-	6	-	-	-	-	24.5
OTHER DURABLE GOODS	218	4	7	15	29	6	28	48	46	35	-	51.0
NONMANUFACTURING INDUSTRIES	154	9	7	20	12	9	33	45	12	-	7	38.7
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	6	-	-	-	-	-	-	6	-	-	-	47.5
WHOLESALE AND RETAIL TRADE	86	9	-	7	12	9	18	20	11	-	-	36.9
ALL OTHER INDUSTRIES	62	-	7	13	-	-	15	19	1	-	7	40.0
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	1 424	41	95	185	137	136	259	199	177	128	67	39.6
WELDERS AND CUTTERS	43	-	-	8	-	8	11	4	12	-	-	37.5
ASSEMBLERS	1 276	41	86	170	132	122	224	188	143	109	61	39.0
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	105	-	9	7	5	6	24	7	22	19	6	51.1
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 097	11	48	239	112	66	189	182	132	82	36	38.0
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	570	12	18	62	36	123	150	89	54	12	14	37.0
MOTOR VEHICLE OPERATORS	456	4	15	33	26	123	114	80	35	12	14	36.8
TRUCK DRIVERS AND DRIVER-SALES WORKERS	60	4	-	4	-	17	9	5	6	7	8	41.7
BUS DRIVERS	365	-	8	20	26	97	105	75	29	5	-	37.2
RAIL AND WATER TRANSPORTATION OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	114	8	3	29	10	-	36	9	19	-	-	37.9
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	3	-	-	-	-	-	3	-	-	-	-	37.5
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	1 355	127	109	234	114	78	181	159	186	106	61	36.2
CONSTRUCTION LABORERS	5	-	-	-	-	-	-	-	-	5	-	62.5
FREIGHT, STOCK, AND MATERIAL HANDLERS	333	57	27	77	34	11	33	39	33	8	14	25.8
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	34	6	8	12	-	6	2	-	-	-	-	21.2
HAND PACKERS AND PACKAGERS	630	52	43	105	44	52	90	56	98	55	35	38.4
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	41	-	-	10	-	-	7	7	11	-	6	47.5
LABORERS, EXCEPT CONSTRUCTION	312	12	31	30	36	9	49	57	44	38	6	42.6
MANUFACTURING	141	7	18	12	6	9	24	28	21	16	-	42.9
NONDURABLE GOODS	70	7	13	5	6	2	18	6	7	6	-	35.9
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	71	-	5	7	-	7	6	22	14	10	-	47.4
METAL INDUSTRIES	43	-	5	-	-	7	6	8	12	5	-	47.2
NONMANUFACTURING INDUSTRIES	171	5	13	18	30	-	25	29	23	22	6	42.2
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	11	-	-	4	7	-	-	-	-	-	-	26.1
WHOLESALE AND RETAIL TRADE	86	5	13	9	10	-	11	17	6	15	-	40.0
ALL OTHER INDUSTRIES	74	-	-	5	13	-	14	12	17	7	6	50.0

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, 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

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
MALE EXPERIENCED CIVILIAN LABOR FORCE	1 511 083	98 570	185 556	199 084	310 467	289 103	189 480	200 187	38 636	$14 259	$16 178	1 036 906	$16 818
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	416 578	10 420	26 522	28 094	55 998	77 604	70 944	117 986	29 010	$20 520	$23 987	321 267	$22 384
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	206 898	3 771	9 951	12 556	28 819	36 386	32 535	66 703	16 177	$21 531	$25 552	175 732	$22 972
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	7 455	252	369	328	1 112	1 600	1 496	2 216	82	$20 158	$20 642	6 292	$21 116
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	7 894	83	273	217	700	1 127	1 792	3 449	253	$24 111	$24 577	5 723	$25 226
MANAGERS, MEDICINE AND HEALTH	2 296	10	108	97	284	444	388	826	139	$22 292	$24 723	2 010	$23 379
OTHER SPECIFIED MANAGERS	37 343	291	978	1 576	4 194	6 051	6 362	15 220	2 671	$24 229	$26 879	33 713	$25 228
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	94 174	1 625	4 575	5 970	11 834	14 297	12 917	32 296	10 660	$23 126	$28 434	81 249	$25 051
MANUFACTURING	31 486	201	521	838	1 956	4 016	4 761	14 393	4 800	$28 185	$34 570	29 069	$28 782
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	6 534	83	146	129	534	1 062	1 106	2 996	478	$25 719	$28 368	5 981	$26 362
WHOLESALE AND RETAIL TRADE	23 457	530	1 705	2 598	4 909	4 115	2 745	4 723	2 132	$17 017	$23 297	19 368	$18 724
ALL OTHER INDUSTRIES	32 697	811	2 203	2 405	4 435	5 104	4 305	10 184	3 250	$21 354	$26 224	26 831	$23 860
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	7 427	568	757	1 009	1 283	1 138	840	1 317	515	$15 315	$20 493	5 681	$16 672
CONSTRUCTION	1 336	102	146	166	294	211	153	222	42	$14 283	$16 847	852	$16 076
MANUFACTURING	1 066	87	100	111	113	110	180	284	81	$20 249	$24 137	886	$21 451
WHOLESALE AND RETAIL TRADE	2 724	194	307	470	488	433	295	385	152	$13 694	$17 229	2 176	$15 187
ALL OTHER INDUSTRIES	2 301	185	204	262	388	384	212	426	240	$16 142	$24 784	1 767	$17 420
MANAGEMENT RELATED OCCUPATIONS	50 309	942	2 891	3 359	9 412	11 729	8 740	11 379	1 857	$18 263	$20 838	41 064	$19 887
ACCOUNTANTS AND AUDITORS	20 938	400	1 322	1 630	4 186	4 863	3 559	4 397	581	$17 559	$19 605	16 788	$19 491
BUYERS AND PURCHASING AGENTS	7 741	120	443	472	1 611	2 244	1 416	1 316	119	$17 189	$18 693	6 663	$17 997
PROFESSIONAL SPECIALTY OCCUPATIONS	209 680	6 649	16 571	15 538	27 179	41 218	38 409	51 283	12 833	$19 623	$22 443	145 535	$21 830
ENGINEERS, ARCHITECTS, AND SURVEYORS	53 785	599	1 764	1 813	4 431	9 858	12 628	21 570	1 122	$22 948	$23 767	45 966	$24 170
ARCHITECTS	3 266	109	269	259	453	564	515	872	225	$19 753	$22 355	2 378	$22 544
ENGINEERS	49 967	480	1 433	1 506	3 841	9 136	12 040	20 640	891	$23 200	$23 949	43 159	$24 320
ELECTRICAL AND ELECTRONIC ENGINEERS	13 892	112	424	413	788	1 977	3 108	6 901	169	$25 143	$25 005	12 069	$25 964
MECHANICAL ENGINEERS	7 895	88	239	242	529	1 388	2 080	3 235	94	$23 116	$23 539	6 851	$24 120
OTHER ENGINEERS	28 180	280	770	851	2 524	5 771	6 852	10 504	628	$22 404	$23 544	24 239	$23 356
SURVEYORS AND MAPPING SCIENTISTS	552	10	62	48	137	158	73	58	6	$15 379	$15 596	429	$16 713
MATHEMATICAL AND COMPUTER SCIENTISTS	9 755	82	272	372	764	2 139	2 580	3 362	184	$21 950	$22 906	8 346	$22 856
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	6 848	60	150	214	515	1 474	1 918	2 422	95	$22 146	$22 775	5 892	$23 063
NATURAL SCIENTISTS	7 127	107	600	449	1 169	1 252	1 066	2 161	323	$19 928	$21 850	5 777	$21 924
HEALTH DIAGNOSING OCCUPATIONS	17 956	202	358	713	962	2 180	1 456	5 268	6 817	$39 181	$44 811	12 990	$42 296
PHYSICIANS	12 494	93	171	457	549	1 707	844	3 107	5 566	$44 091	$48 707	9 480	$46 789
DENTISTS	3 628	70	100	112	245	245	333	1 536	987	$35 663	$39 413	2 246	$38 161
OTHER HEALTH DIAGNOSING PRACTITIONERS	1 834	39	87	144	168	228	279	625	264	$24 374	$28 951	1 264	$26 393
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	7 088	336	814	674	1 759	1 849	1 033	560	63	$14 876	$14 901	5 147	$16 338
REGISTERED NURSES	1 515	80	153	188	465	377	125	98	29	$13 595	$14 761	1 004	$15 174
PHARMACISTS	3 426	151	469	173	523	955	741	380	34	$16 569	$16 206	2 571	$18 574
THERAPISTS	1 693	80	177	235	641	377	127	56	-	$12 788	$12 680	1 205	$13 901
TEACHERS, LIBRARIANS, AND COUNSELORS	58 545	2 389	5 510	4 657	9 145	15 736	12 716	7 561	831	$16 892	$17 329	28 452	$19 199
TEACHERS, POSTSECONDARY	15 796	641	2 089	1 029	1 183	2 519	2 939	4 702	694	$20 560	$21 573	8 654	$24 573
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	18 990	558	1 089	1 448	3 482	6 512	4 753	1 106	42	$16 639	$16 220	8 215	$17 628
TEACHERS, SECONDARY	13 884	322	756	795	2 632	4 968	3 573	819	19	$16 824	$16 608	6 431	$17 697
SOCIAL SCIENTISTS AND URBAN PLANNERS	5 740	108	387	520	930	990	1 009	1 497	299	$19 569	$22 241	4 137	$21 850
SOCIAL AND RECREATION WORKERS	6 562	361	798	1 077	2 045	1 467	534	264	16	$12 459	$12 543	4 701	$14 221
RELIGIOUS WORKERS	4 563	235	1 256	1 088	936	508	320	207	13	$8 418	$10 534	3 449	$10 074
LAWYERS AND JUDGES	14 370	393	1 029	893	1 028	1 459	1 824	5 133	2 611	$26 529	$33 202	11 365	$28 773
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	24 189	1 837	3 783	3 282	4 010	3 780	3 243	3 700	554	$13 774	$16 056	15 205	$18 056
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	303 314	19 220	38 458	37 600	62 490	63 680	38 668	36 326	6 872	$14 409	$15 830	217 320	$16 653
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	54 352	2 142	5 453	5 781	12 730	13 652	7 868	6 069	657	$15 254	$15 872	40 313	$16 813
HEALTH TECHNOLOGISTS AND TECHNICIANS	5 136	252	624	856	1 723	972	356	292	61	$12 346	$13 266	3 644	$14 105
LICENSED PRACTICAL NURSES	547	17	51	114	314	43	-	8	-	$11 336	$10 846	379	$12 172
ENGINEERING AND SCIENCE TECHNICIANS	28 986	1 081	2 561	2 933	6 872	8 410	4 464	2 547	118	$15 391	$15 268	22 367	$16 549
ELECTRICAL AND ELECTRONIC TECHNICIANS	9 417	342	711	1 130	2 438	2 877	1 217	697	5	$15 087	$14 751	7 312	$16 009
DRAFTING AND SURVEYING TECHNICIANS	9 408	291	831	947	2 273	2 587	1 777	683	19	$15 454	$15 120	7 222	$16 704
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	20 230	809	2 268	1 992	4 135	4 270	3 048	3 230	478	$15 779	$17 398	14 302	$18 296
AIRPLANE PILOTS AND NAVIGATORS	855	11	56	70	67	66	63	226	296	$35 098	$38 614	438	$33 369
COMPUTER PROGRAMMERS	8 258	260	855	634	1 691	2 070	1 488	1 207	53	$16 234	$16 638	6 077	$18 630
SALES OCCUPATIONS	127 659	9 059	16 296	13 386	22 631	22 189	16 295	21 918	5 885	$15 405	$18 187	91 913	$18 214
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	29 286	1 076	2 179	3 316	6 485	6 369	4 315	4 518	1 028	$15 918	$18 306	24 558	$16 854
SELF-EMPLOYED	6 239	510	765	889	1 189	1 025	703	928	230	$13 791	$16 357	5 066	$15 039
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	27 244	1 014	1 934	2 237	4 039	4 675	4 063	6 668	2 614	$19 610	$24 545	21 245	$21 574
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	29 134	521	1 603	1 929	4 598	5 731	4 893	8 005	1 854	$20 140	$22 993	24 225	$21 361
SALES WORKERS, RETAIL AND PERSONAL SERVICES	41 720	6 448	10 544	5 883	7 431	5 362	2 990	2 679	383	$8 567	$10 602	21 649	$14 441
CASHIERS	7 392	1 818	2 975	943	927	537	151	32	9	$3 988	$6 048	2 011	$12 362
SALES RELATED OCCUPATIONS	275	-	36	21	78	52	34	48	6	$15 168	$17 216	236	$16 327

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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MASSACHUSETTS

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	121 303	8 019	16 709	18 433	27 129	27 839	14 505	8 339	330	$13 005	$13 331	85 094	$15 594
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	17 867	227	685	1 010	3 467	4 565	3 730	4 056	127	$18 525	$19 256	15 743	$19 449
COMPUTER EQUIPMENT OPERATORS	5 525	222	826	700	1 874	1 119	487	274	23	$12 493	$12 913	3 943	$14 085
SECRETARIES, STENOGRAPHERS, AND TYPISTS	1 837	225	461	322	364	189	99	161	16	$8 739	$10 940	882	$13 389
SECRETARIES	1 071	93	245	191	257	104	64	101	16	$10 091	$11 998	593	$13 012
RECEPTIONISTS	728	205	278	79	69	29	53	15	-	$3 633	$6 429	198	$12 467
FILE CLERKS	1 682	274	392	314	343	197	96	56	10	$8 284	$9 401	812	$13 085
FINANCIAL RECORDS PROCESSING OCCUPATIONS	6 443	455	1 139	1 279	1 648	1 092	448	357	25	$10 905	$11 745	4 007	$13 701
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	4 501	339	822	920	1 120	763	287	225	25	$10 679	$11 510	2 735	$13 680
TELEPHONE OPERATORS	714	71	221	150	93	77	40	62	-	$8 023	$10 119	375	$12 919
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	18 367	890	1 426	1 621	1 621	8 918	3 395	491	5	$16 255	$15 568	14 697	$16 864
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	27 600	2 013	4 544	6 423	8 335	4 158	1 590	533	4	$10 444	$10 559	18 308	$12 419
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	2 309	81	99	255	553	598	460	231	32	$15 996	$16 940	1 911	$16 916
BANK TELLERS	1 660	126	440	543	389	88	58	16	-	$8 128	$8 364	885	$10 359
DATA-ENTRY KEYERS	774	29	147	171	166	132	95	34	-	$11 053	$11 837	532	$14 032
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	35 797	3 201	6 051	5 566	8 207	6 677	3 954	2 053	88	$11 872	$12 254	22 801	$15 150
SERVICE OCCUPATIONS	166 907	26 441	37 281	30 177	32 127	22 383	11 646	6 565	287	$8 612	$9 711	91 219	$13 147
PRIVATE HOUSEHOLD OCCUPATIONS	705	251	113	211	97	22	11	-	-	$5 233	$5 467	241	$9 096
PROTECTIVE SERVICE OCCUPATIONS	47 724	2 562	5 683	4 552	7 305	13 569	8 916	5 096	41	$15 964	$15 199	36 232	$17 475
FIREFIGHTING OCCUPATIONS	11 226	138	155	307	1 455	4 921	3 262	981	7	$18 024	$18 225	10 440	$18 238
POLICE AND DETECTIVES, PUBLIC SERVICE	12 835	140	334	423	1 695	4 552	3 311	2 364	16	$18 858	$19 177	11 261	$19 327
GUARDS	16 655	2 097	4 956	3 521	2 865	1 897	857	456	6	$7 371	$8 783	8 298	$12 250
OTHER PROTECTIVE SERVICE OCCUPATIONS	7 008	187	238	301	1 290	2 199	1 486	1 295	12	$17 875	$18 315	6 233	$18 464
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	118 478	23 628	31 485	25 414	24 725	8 792	2 719	1 469	246	$6 647	$7 526	54 746	$10 956
FOOD PREPARATION AND SERVICE OCCUPATIONS	47 962	13 432	15 921	9 476	5 845	2 103	686	400	99	$4 145	$5 775	15 604	$9 502
WAITERS AND FOOD COUNTER WORKERS	6 081	1 709	2 499	1 159	536	127	26	25	-	$3 777	$4 732	1 467	$7 911
COOKS	16 377	3 468	5 257	3 836	2 707	694	228	134	53	$5 469	$6 545	6 454	$9 658
HEALTH SERVICE OCCUPATIONS	7 249	836	1 560	2 341	1 938	353	142	65	14	$8 436	$8 295	4 064	$10 393
NURSING AIDES, ORDERLIES, AND ATTENDANTS	5 748	508	1 167	2 031	1 651	226	92	59	14	$8 707	$8 561	3 426	$10 227
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	53 085	7 820	11 136	11 464	15 182	5 269	1 390	717	107	$8 752	$8 783	29 996	$11 561
PERSONAL SERVICE OCCUPATIONS	10 182	1 540	2 868	2 133	1 760	1 067	501	287	26	$7 225	$8 668	5 082	$11 192
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	4 760	313	1 072	1 066	1 218	581	267	217	26	$9 724	$10 733	3 278	$11 545
FARMING, FORESTRY, AND FISHING OCCUPATIONS	21 465	3 309	5 168	4 360	4 417	1 759	852	1 321	279	$8 000	$10 095	10 179	$11 296
FARM OPERATORS AND MANAGERS	3 424	556	816	535	558	301	210	322	126	$8 477	$12 602	2 465	$10 567
FARM OCCUPATIONS, EXCEPT MANAGERIAL	3 346	770	1 113	773	432	131	44	44	39	$5 393	$6 787	1 399	$9 084
RELATED AGRICULTURAL OCCUPATIONS	10 029	1 626	2 406	2 321	2 529	785	221	133	8	$7 681	$8 027	4 555	$11 472
FORESTRY AND FISHING OCCUPATIONS	4 666	357	833	731	898	542	377	822	106	$11 823	$15 074	1 760	$13 859
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	289 583	11 439	28 311	39 890	71 264	68 470	42 112	26 559	1 538	$14 478	$14 722	207 360	$16 118
MECHANICS AND REPAIRERS	86 581	3 822	7 587	12 499	22 702	19 774	12 316	7 682	199	$14 114	$14 413	67 374	$15 594
AUTOMOBILE MECHANICS, INCLUDING BODY	27 499	1 626	3 242	6 023	8 362	5 189	2 056	930	71	$11 594	$11 873	20 515	$12 945
AIRCRAFT MECHANICS	1 508	20	106	54	200	319	336	466	7	$20 594	$20 752	1 273	$21 633
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	4 440	173	262	525	1 301	1 161	604	398	16	$14 773	$14 961	3 467	$15 776
OTHER MECHANICS AND REPAIRERS	53 134	2 003	3 977	5 897	12 839	13 105	9 320	5 888	105	$15 477	$15 502	42 119	$16 639
CONSTRUCTION TRADES	97 343	4 611	12 481	16 458	24 104	19 574	11 884	7 516	715	$12 919	$13 675	54 997	$15 813
CARPENTERS	29 653	1 859	5 020	6 273	8 115	4 958	2 357	972	99	$10 976	$11 323	14 033	$13 659
ELECTRICIANS	13 278	438	1 152	1 737	3 032	3 327	2 145	1 373	74	$15 274	$15 354	9 430	$16 605
PAINTERS, CONSTRUCTION AND MAINTENANCE	9 093	770	1 999	2 205	2 270	1 186	426	178	59	$9 245	$9 987	3 947	$12 349
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	11 257	382	1 087	1 456	2 757	2 655	1 702	1 142	76	$14 882	$15 039	7 838	$15 992
OTHER CONSTRUCTION TRADES	34 062	1 162	3 223	4 787	7 930	7 448	5 254	3 851	407	$14 944	$15 600	19 749	$17 792
EXTRACTIVE OCCUPATIONS	356	10	44	27	77	105	59	34	-	$15 621	$14 635	221	$18 326
PRECISION PRODUCTION OCCUPATIONS	105 303	2 996	8 199	10 906	24 381	29 017	17 853	11 327	624	$15 720	$15 943	84 768	$16 699
SUPERVISORS, PRODUCTION OCCUPATIONS	43 024	641	1 726	2 426	7 740	12 524	9 659	7 826	482	$18 134	$18 905	38 064	$18 785
MANUFACTURING	32 804	370	1 032	1 710	5 765	9 955	7 721	5 965	286	$18 356	$19 073	29 379	$18 900
PRECISION METALWORKING OCCUPATIONS	33 939	1 077	2 834	4 255	9 183	9 862	4 995	1 694	39	$14 750	$14 276	26 007	$15 717
TOOL AND DIE MAKERS	5 360	117	290	408	1 152	1 808	1 158	427	-	$16 399	$16 319	4 462	$17 177
MACHINISTS	21 400	710	1 989	2 904	6 076	6 081	2 728	881	31	$14 063	$13 751	16 333	$15 400
SHEET METAL WORKERS	3 514	95	251	533	899	992	571	173	-	$14 859	$14 351	2 433	$15 718
OTHER PRECISION METAL WORKERS	3 665	155	304	410	1 056	981	538	213	8	$14 482	$14 283	2 779	$15 532
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	3 487	251	545	774	1 097	482	203	124	11	$10 796	$11 055	2 323	$12 131
PLANT AND SYSTEM OPERATORS	4 694	65	167	216	1 110	1 097	1 086	940	13	$18 205	$18 612	4 101	$19 067
OTHER PRECISION PRODUCTION OCCUPATIONS	20 159	962	2 927	3 235	5 251	5 052	1 910	743	79	$12 620	$12 653	14 273	$14 866

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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MASSACHUSETTS

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
OPERATORS, FABRICATORS, AND LABORERS	312 550	27 688	49 589	58 675	84 109	55 181	25 252	11 406	650	$11 134	$11 350	189 222	$13 589
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	152 866	8 990	19 171	29 800	47 533	31 976	11 468	3 753	175	$11 918	$11 814	105 265	$13 451
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	107 889	5 961	12 940	21 561	34 190	22 178	8 241	2 707	111	$11 953	$11 883	75 409	$13 361
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	16 595	786	1 542	2 592	5 459	4 070	1 608	518	20	$12 996	$12 860	12 172	$14 392
PRINTING MACHINE OPERATORS	11 430	394	1 176	1 682	2 908	2 977	1 576	700	17	$14 117	$14 035	8 701	$15 503
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	11 138	834	2 032	3 501	3 360	1 059	251	96	5	$9 200	$9 263	6 999	$10 807
TEXTILE MACHINE OPERATORS	4 444	265	576	1 203	1 727	565	82	26	-	$10 436	$10 135	3 137	$11 605
TEXTILE SEWING MACHINE OPERATORS	872	94	186	260	190	98	12	32	-	$8 739	$8 941	458	$11 051
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	2 189	289	468	836	377	133	59	22	5	$7 991	$7 994	1 286	$9 363
OTHER SPECIFIED MACHINE OPERATORS	29 954	1 833	3 856	5 871	9 510	6 259	2 049	527	49	$11 823	$11 612	20 612	$13 281
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	38 772	2 114	4 334	7 915	12 953	7 813	2 757	866	20	$11 866	$11 792	26 925	$13 198
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	11 586	524	1 159	2 062	3 816	2 675	1 079	271	-	$12 551	$12 488	8 173	$14 095
MACHINE OPERATORS, NOT SPECIFIED	27 186	1 590	3 175	5 853	9 137	5 138	1 678	595	20	$11 528	$11 495	18 752	$12 873
INDUSTRY:													
MANUFACTURING	35 396	1 808	3 838	7 387	12 006	7 168	2 419	750	20	$11 904	$11 806	24 843	$13 141
NONDURABLE GOODS	13 816	842	1 503	2 771	4 539	2 899	973	274	15	$11 880	$11 763	9 554	$13 313
FOOD AND KINDRED PRODUCTS	1 204	50	135	293	375	254	74	23	-	$11 710	$11 900	793	$13 513
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	1 518	122	123	424	593	204	39	13	-	$10 669	$10 251	1 041	$11 757
PAPER AND ALLIED PRODUCTS	4 231	183	277	610	1 285	1 241	537	92	6	$13 873	$13 648	3 251	$15 210
OTHER NONDURABLE GOODS	6 863	487	968	1 444	2 286	1 200	323	146	9	$11 092	$10 912	4 469	$12 651
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	21 580	966	2 335	4 616	7 467	4 269	1 446	476	5	$11 919	$11 833	15 289	$13 049
METAL INDUSTRIES	6 503	349	640	1 535	2 414	1 160	305	95	5	$11 655	$11 386	4 536	$12 614
MACHINERY, INCLUDING ELECTRICAL	7 316	352	843	1 508	2 301	1 611	535	166	-	$12 120	$11 966	5 220	$13 479
TRANSPORTATION EQUIPMENT	1 444	30	142	209	492	348	149	74	-	$13 323	$13 473	1 063	$14 343
OTHER DURABLE GOODS	6 317	235	710	1 364	2 260	1 150	457	141	-	$11 595	$11 764	4 470	$12 844
NONMANUFACTURING INDUSTRIES	3 376	306	496	528	947	645	338	116	-	$11 482	$11 646	2 082	$14 125
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	804	38	33	46	256	255	115	61	-	$15 339	$15 413	577	$16 337
WHOLESALE AND RETAIL TRADE	1 061	88	181	214	311	141	107	19	-	$10 540	$10 699	636	$13 093
ALL OTHER INDUSTRIES	1 511	180	282	268	380	249	116	36	-	$10 274	$10 306	869	$12 891
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	32 461	2 518	4 931	6 394	9 584	6 362	2 019	596	57	$11 198	$11 085	20 617	$13 171
WELDERS AND CUTTERS	10 151	421	1 027	1 619	3 184	2 611	930	318	41	$13 070	$13 045	6 950	$14 878
ASSEMBLERS	20 101	1 876	3 398	4 395	5 748	3 457	990	227	10	$10 293	$10 209	12 402	$12 429
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	2 209	221	506	380	652	294	99	51	6	$9 976	$10 053	1 265	$12 712
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	12 516	511	1 300	1 845	3 759	3 436	1 208	450	7	$13 263	$13 107	9 239	$15 056
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	82 331	4 450	10 431	13 660	21 124	15 020	10 654	6 625	367	$12 694	$13 491	53 169	$15 105
MOTOR VEHICLE OPERATORS	61 431	3 413	8 504	10 439	14 902	10 661	8 195	5 032	285	$12 502	$13 385	39 802	$15 282
TRUCK DRIVERS AND DRIVER-SALES WORKERS	49 178	2 380	5 237	7 825	12 918	9 130	6 984	4 463	241	$13 245	$14 119	33 405	$15 478
BUS DRIVERS	5 694	298	1 203	978	882	950	909	449	25	$12 037	$12 830	3 194	$17 306
RAIL AND WATER TRANSPORTATION OCCUPATIONS	3 103	90	126	218	467	549	774	851	28	$20 453	$19 676	2 135	$21 649
MATERIAL MOVING EQUIPMENT OPERATORS	17 797	947	1 801	3 003	5 755	3 810	1 685	742	54	$12 491	$12 779	11 232	$13 583
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	1 798	27	152	230	567	470	239	107	6	$14 120	$14 710	987	$15 031
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	77 353	14 248	19 987	15 215	15 452	8 185	3 130	1 028	108	$7 161	$8 155	30 788	$12 140
CONSTRUCTION LABORERS	13 226	979	2 434	3 194	4 007	1 718	569	269	56	$10 007	$10 284	4 634	$12 635
FREIGHT, STOCK, AND MATERIAL HANDLERS	26 845	6 786	8 000	4 178	3 560	2 767	1 172	371	11	$4 871	$7 209	9 120	$12 919
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	5 990	1 842	2 331	1 075	440	220	67	15	-	$3 410	$4 818	1 565	$9 108
HAND PACKERS AND PACKAGERS	6 261	1 040	1 458	1 529	1 406	548	193	68	19	$7 515	$8 233	2 972	$11 265
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	7 216	1 359	1 966	1 496	1 303	698	290	102	2	$6 708	$7 805	2 853	$12 046
LABORERS, EXCEPT CONSTRUCTION	17 815	2 242	3 798	3 743	4 736	2 234	839	203	20	$9 128	$9 238	9 644	$12 151
MANUFACTURING	6 401	676	1 335	1 511	1 917	674	223	60	5	$9 188	$9 172	3 660	$11 747
NONDURABLE GOODS	3 032	329	610	750	938	277	110	18	-	$9 150	$9 019	1 761	$11 384
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	3 369	347	725	761	979	397	113	42	5	$9 229	$9 309	1 899	$12 048
METAL INDUSTRIES	869	59	144	232	307	99	18	10	-	$9 990	$9 791	528	$12 038
NONMANUFACTURING INDUSTRIES	11 414	1 566	2 463	2 232	2 819	1 560	616	143	15	$9 090	$9 275	5 984	$12 448
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	2 583	223	333	504	823	386	275	39	-	$11 124	$11 042	1 386	$13 475
WHOLESALE AND RETAIL TRADE	5 588	737	1 314	1 036	1 196	905	309	87	4	$8 946	$9 402	3 025	$12 852
ALL OTHER INDUSTRIES	3 243	606	816	692	800	269	32	17	11	$7 275	$7 648	1 573	$11 201
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	686	53	227	288	62	26	6	24	-	$6 586	$7 378	339	$6 959

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, 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

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
FEMALE EXPERIENCED CIVILIAN LABOR FORCE	1 193 596	169 341	333 947	309 986	244 591	93 559	27 599	13 052	1 521	$7 215	$7 877	542 835	$10 492
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	284 396	22 208	47 570	49 684	78 471	57 313	19 179	9 092	879	$11 441	$11 504	138 779	$13 854
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	86 809	4 300	12 086	16 736	27 262	14 758	6 445	4 810	412	$11 680	$12 389	59 828	$13 291
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	3 448	242	462	477	1 031	739	226	271	-	$12 583	$12 854	2 406	$14 490
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	5 997	336	841	990	1 412	988	871	537	22	$12 596	$13 549	3 293	$14 479
MANAGERS, MEDICINE AND HEALTH	2 491	108	184	316	746	601	311	209	16	$14 247	$14 752	1 840	$15 215
OTHER SPECIFIED MANAGERS	12 071	427	1 314	2 228	3 924	2 246	1 047	797	88	$12 344	$13 390	9 197	$13 637
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	34 666	1 554	5 563	7 227	10 290	5 387	2 378	2 060	207	$11 194	$12 185	23 374	$13 153
MANUFACTURING	5 351	100	413	752	1 831	1 147	498	543	67	$13 577	$15 403	4 294	$14 698
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	2 096	20	126	256	467	454	370	383	20	$16 547	$17 489	1 718	$17 955
WHOLESALE AND RETAIL TRADE	8 059	431	1 687	2 261	2 293	825	245	271	46	$9 430	$10 155	5 223	$11 200
ALL OTHER INDUSTRIES	19 160	1 003	3 337	3 958	5 699	2 961	1 265	863	74	$10 891	$11 560	12 139	$13 141
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	1 696	271	542	313	273	96	78	118	5	$6 496	$8 929	898	$8 187
CONSTRUCTION	22	-	6	-	11	-	5	-	-	$12 894	$13 179	6	$12 272
MANUFACTURING	221	54	48	44	43	6	13	13	-	$7 214	$8 384	100	$8 609
WHOLESALE AND RETAIL TRADE	801	107	309	188	96	42	26	33	-	$5 863	$7 619	460	$6 750
ALL OTHER INDUSTRIES	652	110	179	81	123	48	34	72	5	$7 721	$10 578	332	$11 394
MANAGEMENT RELATED OCCUPATIONS	26 440	1 362	3 180	5 185	9 586	4 701	1 534	818	74	$11 676	$11 874	18 820	$13 019
ACCOUNTANTS AND AUDITORS	9 125	420	1 194	1 829	3 282	1 685	495	210	10	$11 705	$11 655	6 177	$13 249
BUYERS AND PURCHASING AGENTS	3 974	200	442	923	1 586	500	188	119	16	$11 182	$11 419	3 145	$12 023
PROFESSIONAL SPECIALTY OCCUPATIONS	197 587	17 908	35 484	32 948	51 209	42 555	12 734	4 282	467	$11 290	$11 115	78 951	$14 281
ENGINEERS, ARCHITECTS, AND SURVEYORS	2 334	98	323	360	584	545	285	133	6	$13 049	$13 760	1 521	$15 945
ARCHITECTS	456	33	78	46	131	103	45	20	-	$12 145	$12 556	225	$16 938
ENGINEERS	1 842	65	245	294	453	430	236	113	6	$13 306	$14 110	1 272	$15 738
ELECTRICAL AND ELECTRONIC ENGINEERS	469	28	51	22	103	116	96	53	-	$15 945	$16 455	386	$17 430
MECHANICAL ENGINEERS	151	-	17	22	37	54	21	-	-	$14 920	$13 831	101	$15 791
OTHER ENGINEERS	1 222	37	177	250	313	260	119	60	6	$12 192	$13 245	785	$15 111
SURVEYORS AND MAPPING SCIENTISTS	36	-	-	20	-	12	4	-	-	$7 800	$11 071	24	$7 714
MATHEMATICAL AND COMPUTER SCIENTISTS	3 511	109	192	416	985	957	511	341	-	$15 173	$15 271	2 644	$16 257
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	1 842	63	62	179	462	546	340	190	-	$15 978	$15 975	1 414	$17 028
NATURAL SCIENTISTS	2 210	121	353	318	607	415	211	168	17	$12 363	$13 071	1 455	$14 499
HEALTH DIAGNOSING OCCUPATIONS	2 864	102	211	336	428	651	205	688	243	$17 265	$23 124	1 843	$19 082
PHYSICIANS	2 392	81	91	260	305	610	171	631	243	$18 380	$25 250	1 625	$19 310
DENTISTS	199	6	49	41	46	5	12	40	-	$10 304	$13 845	100	$20 678
OTHER HEALTH DIAGNOSING PRACTITIONERS	273	15	71	35	77	36	22	17	-	$10 738	$11 257	118	$16 057
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	56 437	2 792	8 258	11 706	18 778	11 821	2 518	520	44	$11 557	$11 104	26 829	$14 734
REGISTERED NURSES	47 600	2 102	6 404	10 043	15 841	10 519	2 211	445	35	$11 797	$11 317	22 649	$15 057
PHARMACISTS	857	44	314	184	117	150	41	7	-	$7 469	$9 123	341	$15 160
THERAPISTS	5 773	400	1 124	1 028	2 244	775	159	34	9	$10 770	$10 077	2 690	$12 726
TEACHERS, LIBRARIANS, AND COUNSELORS	93 394	10 033	18 035	12 655	20 502	23 764	7 112	1 247	46	$11 668	$11 002	26 341	$14 352
TEACHERS, POSTSECONDARY	8 965	948	2 160	1 141	1 260	1 664	1 130	646	16	$11 312	$11 878	3 064	$18 020
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	51 346	4 564	9 079	6 764	11 520	15 299	3 839	251	30	$12 458	$11 435	12 803	$14 431
TEACHERS, SECONDARY	15 703	1 276	2 454	1 815	4 231	4 465	1 364	98	-	$12 736	$11 854	4 333	$14 689
SOCIAL SCIENTISTS AND URBAN PLANNERS	3 694	205	536	598	981	712	392	267	3	$12 622	$13 038	1 929	$15 075
SOCIAL AND RECREATION WORKERS	12 027	1 008	2 283	2 686	4 194	1 390	325	133	8	$10 039	$9 672	6 574	$12 175
RELIGIOUS WORKERS	1 174	253	485	197	125	84	14	16	-	$4 571	$6 182	538	$6 745
LAWYERS AND JUDGES	2 643	229	512	399	448	348	352	307	48	$11 852	$13 837	1 452	$18 214
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	17 299	2 958	4 296	3 277	3 577	1 868	809	462	52	$7 777	$8 836	7 825	$12 407
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	538 124	71 629	151 111	156 677	121 569	27 808	6 075	2 830	425	$7 278	$7 447	263 702	$10 224
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	42 537	3 015	8 862	10 526	14 470	4 084	1 130	398	52	$9 596	$9 371	22 042	$12 010
HEALTH TECHNOLOGISTS AND TECHNICIANS	26 483	1 548	5 879	7 285	9 334	1 930	374	102	31	$9 240	$8 929	12 811	$11 676
LICENSED PRACTICAL NURSES	12 320	743	3 138	3 783	4 170	370	62	32	22	$8 524	$8 188	5 245	$11 150
ENGINEERING AND SCIENCE TECHNICIANS	6 496	790	1 194	1 565	2 139	617	156	25	10	$9 306	$8 903	3 660	$11 455
ELECTRICAL AND ELECTRONIC TECHNICIANS	1 391	96	185	391	534	138	34	13	-	$10 158	$9 806	931	$11 352
DRAFTING AND SURVEYING TECHNICIANS	1 348	157	236	280	463	169	43	-	-	$10 008	$9 297	701	$12 199
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	9 558	677	1 789	1 676	2 997	1 537	600	271	11	$11 051	$10 914	5 571	$13 510
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	4 079	165	559	587	1 388	913	343	119	5	$12 638	$12 419	2 665	$14 553
SALES OCCUPATIONS	116 548	28 427	48 933	21 393	11 027	3 994	1 404	1 210	160	$3 960	$5 509	32 941	$9 315
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	10 939	988	2 782	3 488	2 424	875	185	171	26	$7 679	$8 392	6 578	$10 005
SELF-EMPLOYED	1 883	451	611	327	309	99	48	31	7	$5 169	$6 460	909	$7 900
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	15 315	1 487	3 121	3 535	3 998	1 717	717	657	83	$9 492	$10 477	8 244	$11 960
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	4 553	479	1 079	983	1 142	499	221	124	26	$9 050	$9 919	2 670	$11 826
SALES WORKERS, RETAIL AND PERSONAL SERVICES	85 445	25 388	41 865	13 305	3 435	894	281	252	25	$3 238	$4 014	15 373	$7 611
CASHIERS	34 018	11 190	16 513	4 796	1 145	271	56	41	6	$2 952	$3 642	4 305	$7 761
SALES RELATED OCCUPATIONS	296	85	86	82	28	9	-	6	-	$4 528	$5 720	76	$8 629

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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MASSACHUSETTS

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	379 039	40 187	93 316	124 758	96 072	19 730	3 541	1 222	213	$8 045	$7 828	208 719	$10 118
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	16 272	361	1 479	3 910	6 734	2 608	867	313	-	$11 484	$11 722	13 170	$12 178
COMPUTER EQUIPMENT OPERATORS	7 142	659	1 129	2 444	2 373	450	51	36	-	$9 140	$8 704	4 811	$10 437
SECRETARIES, STENOGRAPHERS, AND TYPISTS	135 522	12 159	30 361	46 033	39 201	6 628	729	336	75	$8 440	$8 061	78 129	$10 289
SECRETARIES	113 560	8 833	24 126	38 102	35 478	6 045	672	250	54	$8 737	$8 334	67 786	$10 457
RECEPTIONISTS	11 043	2 244	3 581	3 578	1 358	229	34	19	-	$5 617	$5 803	4 326	$8 997
FILE CLERKS	7 027	1 710	2 188	2 083	885	129	13	14	5	$5 078	$5 516	2 840	$8 694
FINANCIAL RECORDS PROCESSING OCCUPATIONS	55 417	4 173	13 459	20 088	14 658	2 495	372	123	49	$8 234	$8 007	31 350	$9 963
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	43 627	3 354	10 964	15 292	11 534	1 997	330	123	33	$8 174	$7 981	23 986	$10 061
TELEPHONE OPERATORS	8 393	730	1 943	2 338	2 942	340	66	23	11	$8 817	$8 516	4 501	$10 861
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	4 693	768	1 200	1 203	607	752	163	-	-	$7 410	$8 199	2 137	$11 047
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	8 476	748	2 228	3 093	1 940	357	83	27	-	$7 734	$7 707	4 958	$9 614
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	2 858	75	387	1 088	1 029	266	6	7	-	$9 662	$9 558	2 196	$10 497
BANK TELLERS	12 984	1 404	4 726	5 470	1 305	58	7	14	-	$6 246	$6 025	6 150	$8 238
DATA-ENTRY KEYERS	11 436	1 037	3 022	4 385	2 639	309	32	6	6	$7 765	$7 400	6 025	$9 656
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	97 776	14 119	27 613	29 045	20 401	5 109	1 118	304	67	$7 095	$7 257	48 126	$9 967
SERVICE OCCUPATIONS	188 216	53 830	80 894	37 371	12 243	2 351	968	483	76	$3 607	$4 479	46 830	$7 945
PRIVATE HOUSEHOLD OCCUPATIONS	8 778	4 162	3 508	879	174	20	22	13	-	$2 182	$2 855	1 415	$5 268
PROTECTIVE SERVICE OCCUPATIONS	5 652	1 870	2 081	743	548	180	142	88	-	$3 143	$5 291	1 490	$10 942
FIREFIGHTING OCCUPATIONS	53	8	5	6	16	5	-	13	-	$13 097	$13 757	40	$14 456
POLICE AND DETECTIVES, PUBLIC SERVICE	599	67	91	129	135	58	88	31	-	$10 446	$11 357	389	$13 125
GUARDS	4 501	1 743	1 890	530	226	48	36	28	-	$2 646	$3 865	733	$8 976
OTHER PROTECTIVE SERVICE OCCUPATIONS	499	52	95	78	171	69	18	16	-	$10 766	$9 977	328	$12 556
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	173 786	47 798	75 305	35 749	11 521	2 151	804	382	76	$3 700	$4 535	43 925	$7 954
FOOD PREPARATION AND SERVICE OCCUPATIONS	77 167	26 210	37 121	10 522	2 595	433	156	96	34	$2 946	$3 602	11 712	$7 196
WAITERS AND FOOD COUNTER WORKERS	41 802	14 751	21 265	4 388	1 077	207	60	43	11	$2 807	$3 301	5 231	$6 333
COOKS	10 768	2 403	5 218	2 494	559	39	39	16	-	$4 098	$4 541	2 560	$7 686
HEALTH SERVICE OCCUPATIONS	47 724	8 608	17 748	15 033	5 433	616	175	79	32	$5 426	$5 668	18 755	$8 487
NURSING AIDES, ORDERLIES, AND ATTENDANTS	36 626	6 677	13 490	11 307	4 445	481	143	65	18	$5 454	$5 698	14 657	$8 521
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	15 817	4 067	6 076	4 332	1 152	135	36	19	-	$4 321	$4 830	5 471	$7 956
PERSONAL SERVICE OCCUPATIONS	33 078	8 913	14 360	5 862	2 341	967	437	188	10	$3 795	$4 934	7 987	$7 675
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	10 599	1 732	5 107	2 357	997	229	79	93	5	$4 743	$5 469	3 562	$7 489
FARMING, FORESTRY, AND FISHING OCCUPATIONS	3 729	1 222	1 409	705	269	64	24	24	12	$3 499	$4 622	1 235	$6 816
FARM OPERATORS AND MANAGERS	600	250	164	85	39	14	18	18	12	$3 200	$6 211	324	$4 857
FARM OCCUPATIONS, EXCEPT MANAGERIAL	1 373	529	543	206	59	30	-	6	-	$2 772	$3 757	359	$6 867
RELATED AGRICULTURAL OCCUPATIONS	1 579	397	644	362	151	19	6	-	-	$4 101	$4 737	479	$7 326
FORESTRY AND FISHING OCCUPATIONS	177	46	58	52	20	1	-	-	-	$5 225	$4 930	73	$7 458
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	26 625	2 509	6 620	8 259	6 064	2 104	707	307	55	$8 061	$8 535	15 636	$10 213
MECHANICS AND REPAIRERS	2 848	202	551	718	847	295	127	93	15	$9 760	$10 272	1 929	$11 346
AUTOMOBILE MECHANICS, INCLUDING BODY	228	35	63	67	46	11	-	6	-	$7 032	$7 782	108	$9 103
AIRCRAFT MECHANICS	44	10	5	-	15	7	7	-	-	$11 556	$10 684	20	$17 248
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	13	-	-	5	-	8	-	-	-	$15 140	$14 159	13	$15 140
OTHER MECHANICS AND REPAIRERS	2 563	157	483	646	786	269	120	87	15	$9 975	$10 467	1 788	$11 402
CONSTRUCTION TRADES	1 245	171	497	250	153	93	51	30	-	$4 973	$7 232	431	$12 052
CARPENTERS	410	52	183	83	60	9	7	16	-	$4 890	$6 920	137	$11 737
ELECTRICIANS	145	12	29	26	34	19	11	14	-	$10 917	$11 647	94	$14 305
PAINTERS, CONSTRUCTION AND MAINTENANCE	239	51	117	50	15	6	-	-	-	$3 155	$4 378	31	$10 200
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	50	12	18	5	8	7	-	-	-	$4 545	$4 725	17	$9 400
OTHER CONSTRUCTION TRADES	401	44	150	86	36	52	33	-	-	$6 464	$7 968	152	$11 700
EXTRACTIVE OCCUPATIONS	11	5	-	-	-	6	-	-	-	$15 060	$9 150	-	-
PRECISION PRODUCTION OCCUPATIONS	22 521	2 131	5 572	7 291	5 064	1 710	529	184	40	$7 960	$8 387	13 276	$9 974
SUPERVISORS, PRODUCTION OCCUPATIONS	7 979	358	1 109	2 251	2 508	1 155	415	154	29	$10 459	$10 962	5 956	$11 637
MANUFACTURING	6 004	257	594	1 638	2 105	969	326	106	9	$11 023	$11 296	4 744	$11 756
PRECISION METALWORKING OCCUPATIONS	2 224	283	591	758	421	142	29	-	-	$7 243	$7 385	1 212	$9 019
TOOL AND DIE MAKERS	91	-	20	18	53	-	-	-	-	$10 517	$9 921	63	$10 931
MACHINISTS	910	90	211	341	216	45	7	-	-	$7 949	$7 645	512	$9 143
SHEET METAL WORKERS	70	8	6	20	22	14	-	-	-	$10 200	$9 568	33	$12 384
OTHER PRECISION METAL WORKERS	1 153	185	354	379	130	83	22	-	-	$6 355	$6 848	604	$8 455
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	2 881	407	1 158	997	216	61	24	12	6	$5 605	$5 877	1 166	$7 404
PLANT AND SYSTEM OPERATORS	172	5	36	47	54	30	-	-	-	$9 911	$10 079	113	$11 792
OTHER PRECISION PRODUCTION OCCUPATIONS	9 265	1 078	2 678	3 238	1 865	322	61	18	5	$7 078	$7 160	4 829	$9 328

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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MASSACHUSETTS

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
OPERATORS, FABRICATORS, AND LABORERS	152 352	17 913	46 263	57 252	25 975	3 913	646	316	74	$6 756	$6 788	76 631	$8 738
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	121 166	12 144	34 099	48 466	22 520	3 233	425	212	67	$7 081	$7 069	65 538	$8 799
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	72 893	7 046	22 259	30 097	11 431	1 623	253	139	45	$6 817	$6 848	37 830	$8 393
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	3 023	373	729	1 052	681	157	25	6	-	$7 497	$7 570	1 732	$9 462
PRINTING MACHINE OPERATORS	3 182	347	930	1 028	753	99	25	-	-	$7 148	$7 154	1 742	$9 652
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	34 169	2 938	12 286	14 996	3 476	351	44	56	22	$6 391	$6 299	15 670	$7 692
TEXTILE MACHINE OPERATORS	3 210	246	947	1 500	472	32	6	-	7	$6 958	$6 879	1 814	$8 188
TEXTILE SEWING MACHINE OPERATORS	22 758	1 587	8 225	10 353	2 299	233	19	27	15	$6 472	$6 373	9 994	$7 707
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	2 989	682	1 219	838	192	27	11	20	-	$4 589	$5 096	1 266	$7 704
OTHER SPECIFIED MACHINE OPERATORS	11 253	1 429	3 131	4 507	1 793	306	45	33	9	$6 883	$6 869	5 938	$8 693
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	21 266	1 959	5 183	8 514	4 728	710	114	44	14	$7 566	$7 571	12 748	$9 011
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	6 698	608	1 583	2 752	1 538	189	26	-	2	$7 679	$7 459	3 954	$9 035
MACHINE OPERATORS, NOT SPECIFIED	14 568	1 351	3 600	5 762	3 190	521	88	44	12	$7 515	$7 623	8 794	$8 998
INDUSTRY:													
MANUFACTURING	19 570	1 561	4 782	7 913	4 450	692	114	44	14	$7 678	$7 727	11 957	$9 038
NONDURABLE GOODS	8 091	736	2 420	3 490	1 291	88	39	21	6	$6 899	$6 915	4 576	$8 213
FOOD AND KINDRED PRODUCTS	380	6	139	163	59	7	-	6	-	$6 811	$7 069	144	$8 581
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	2 028	179	760	882	192	9	-	6	-	$6 251	$6 276	1 107	$7 116
PAPER AND ALLIED PRODUCTS	1 752	120	401	731	460	29	11	-	-	$8 295	$7 762	1 042	$9 566
OTHER NONDURABLE GOODS	3 931	431	1 120	1 714	580	43	28	9	6	$6 846	$6 852	2 283	$8 146
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	11 479	825	2 362	4 423	3 159	604	75	23	8	$8 373	$8 299	7 381	$9 581
METAL INDUSTRIES	1 578	115	321	584	479	73	-	-	6	$8 283	$8 354	1 044	$9 838
MACHINERY, INCLUDING ELECTRICAL	5 651	389	1 018	2 262	1 620	301	42	17	2	$8 529	$8 516	3 753	$9 691
TRANSPORTATION EQUIPMENT	421	18	28	113	221	40	1	-	-	$11 212	$10 312	303	$11 716
OTHER DURABLE GOODS	3 829	303	995	1 464	839	190	32	6	-	$7 942	$7 734	2 281	$9 130
NONMANUFACTURING INDUSTRIES	1 696	398	401	601	278	18	-	-	-	$6 275	$5 778	791	$8 633
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	134	22	47	8	57	-	-	-	-	$5 833	$7 183	65	$11 857
WHOLESALE AND RETAIL TRADE	684	178	192	243	66	5	-	-	-	$5 731	$4 941	320	$7 302
ALL OTHER INDUSTRIES	878	198	162	350	155	13	-	-	-	$6 908	$6 217	406	$9 169
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	33 163	3 953	8 740	12 665	6 633	1 019	91	45	17	$7 216	$7 051	18 077	$9 069
WELDERS AND CUTTERS	1 086	85	320	486	118	72	-	5	-	$7 508	$7 354	582	$8 721
ASSEMBLERS	28 477	3 508	7 404	10 829	5 714	878	91	40	13	$7 234	$7 060	15 509	$9 095
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	3 600	360	1 016	1 350	801	69	-	-	4	$7 037	$6 889	1 986	$8 977
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	15 110	1 145	3 100	5 704	4 456	591	81	28	5	$8 426	$8 176	9 631	$9 801
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	8 290	1 606	4 055	1 583	689	212	114	31	-	$4 175	$5 224	1 925	$8 724
MOTOR VEHICLE OPERATORS	6 450	1 437	3 463	950	347	135	93	25	-	$3 713	$4 662	997	$8 726
TRUCK DRIVERS AND DRIVER-SALES WORKERS	1 156	269	342	229	149	90	56	21	-	$5 484	$7 187	469	$11 955
BUS DRIVERS	4 739	1 020	2 898	610	138	32	37	4	-	$3 555	$4 015	322	$6 800
RAIL AND WATER TRANSPORTATION OCCUPATIONS	71	5	11	6	9	26	14	-	-	$15 499	$13 185	33	$15 641
MATERIAL MOVING EQUIPMENT OPERATORS	1 769	164	581	627	333	51	7	6	-	$6 677	$6 957	895	$8 562
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	26	-	-	13	13	-	-	-	-	$10 000	$10 245	19	$12 129
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	22 896	4 163	8 109	7 203	2 766	468	107	73	7	$5 613	$5 866	9 168	$8 274
CONSTRUCTION LABORERS	227	63	67	32	19	31	8	7	-	$4 921	$7 445	62	$10 667
FREIGHT, STOCK, AND MATERIAL HANDLERS	4 314	1 121	1 738	911	387	117	18	22	-	$4 052	$4 960	1 194	$8 528
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	335	149	131	39	6	10	-	-	-	$3 045	$3 576	85	$6 524
HAND PACKERS AND PACKAGERS	13 233	1 865	4 513	4 680	1 846	233	59	32	5	$6 175	$6 243	5 718	$8 321
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	742	137	303	162	114	26	-	-	-	$5 337	$5 884	353	$7 592
LABORERS, EXCEPT CONSTRUCTION	4 045	828	1 357	1 379	394	51	22	12	2	$5 512	$5 699	1 756	$8 158
MANUFACTURING	1 884	269	641	720	203	33	16	-	2	$6 170	$6 280	910	$8 066
NONDURABLE GOODS	1 075	160	389	384	110	22	8	-	2	$5 893	$6 176	482	$8 122
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	809	109	252	336	93	11	8	-	-	$6 500	$6 418	428	$8 000
METAL INDUSTRIES	118	6	26	68	12	6	-	-	-	$7 421	$7 278	80	$7 737
NONMANUFACTURING INDUSTRIES	2 161	559	716	659	191	18	6	12	-	$4 688	$5 192	846	$8 247
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	144	15	70	33	19	7	-	-	-	$5 278	$6 130	63	$9 421
WHOLESALE AND RETAIL TRADE	1 268	227	449	449	132	5	-	6	-	$5 533	$5 657	559	$8 167
ALL OTHER INDUSTRIES	749	317	197	177	40	6	6	6	-	$3 045	$4 224	224	$8 138
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	154	30	80	38	-	6	-	-	-	$4 360	$4 799	22	$7 667

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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MASSACHUSETTS

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
WHITE													
MALE EXPERIENCED CIVILIAN LABOR FORCE	1 439 830	92 074	174 108	183 253	294 721	277 887	184 410	195 307	38 070	$14 499	$16 385	993 614	$16 970
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	401 224	9 681	24 981	26 402	53 257	74 646	68 843	114 886	28 528	$20 653	$24 200	310 891	$22 505
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	200 894	3 482	9 471	11 790	27 598	35 199	31 702	65 571	16 081	$21 714	$25 800	171 195	$23 142
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	7 141	229	323	310	1 072	1 529	1 421	2 175	82	$20 273	$20 862	6 056	$21 254
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	7 428	59	250	208	575	1 035	1 733	3 319	249	$24 441	$24 941	5 389	$25 383
MANAGERS, MEDICINE AND HEALTH	2 222	10	108	97	284	398	378	808	139	$22 483	$24 879	1 945	$23 561
OTHER SPECIFIED MANAGERS	36 640	257	954	1 508	4 049	5 860	6 271	15 084	2 657	$24 415	$27 048	33 155	$25 335
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	91 641	1 457	4 353	5 558	11 389	13 880	12 644	31 756	10 604	$23 378	$28 740	79 294	$25 198
MANUFACTURING	31 067	201	516	809	1 932	3 956	4 698	14 184	4 771	$28 211	$34 663	28 667	$28 809
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	6 341	72	134	129	510	1 002	1 040	2 976	478	$26 008	$28 690	5 822	$26 621
WHOLESALE AND RETAIL TRADE	22 705	481	1 599	2 372	4 708	4 025	2 733	4 667	2 120	$17 324	$23 669	18 813	$19 032
ALL OTHER INDUSTRIES	31 528	703	2 104	2 248	4 239	4 897	4 173	9 929	3 235	$21 603	$26 565	25 992	$24 078
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	7 220	565	737	968	1 241	1 095	809	1 299	506	$15 337	$20 583	5 515	$16 767
CONSTRUCTION	1 298	99	135	166	288	201	145	222	42	$14 280	$16 996	827	$16 237
MANUFACTURING	1 053	87	100	111	105	110	180	279	81	$20 281	$24 169	873	$21 491
WHOLESALE AND RETAIL TRADE	2 629	194	298	444	474	421	277	378	143	$13 710	$17 112	2 104	$15 184
ALL OTHER INDUSTRIES	2 240	185	204	247	374	363	207	420	240	$16 202	$25 050	1 711	$17 620
MANAGEMENT RELATED OCCUPATIONS	48 602	905	2 746	3 141	8 988	11 402	8 446	11 130	1 844	$18 369	$20 990	39 841	$19 975
ACCOUNTANTS AND AUDITORS	20 263	400	1 250	1 483	4 005	4 716	3 496	4 345	568	$17 731	$19 774	16 360	$19 641
BUYERS AND PURCHASING AGENTS	7 618	106	443	472	1 576	2 208	1 396	1 298	119	$17 205	$18 730	6 561	$18 009
PROFESSIONAL SPECIALTY OCCUPATIONS	200 330	6 199	15 510	14 612	25 659	39 447	37 141	49 315	12 447	$19 784	$22 595	139 696	$21 901
ENGINEERS, ARCHITECTS, AND SURVEYORS	51 619	591	1 673	1 730	4 223	9 325	12 206	20 781	1 090	$23 001	$23 821	44 243	$24 204
ARCHITECTS	3 180	109	269	259	438	537	491	852	225	$19 730	$22 405	2 292	$22 722
ENGINEERS	47 887	472	1 342	1 423	3 648	8 630	11 642	19 871	859	$23 260	$24 009	41 522	$24 348
ELECTRICAL AND ELECTRONIC ENGINEERS	13 204	112	401	400	747	1 825	2 971	6 583	165	$25 181	$25 084	11 509	$26 025
MECHANICAL ENGINEERS	7 645	88	233	219	497	1 368	2 015	3 131	94	$23 121	$23 578	6 659	$24 088
OTHER ENGINEERS	27 038	272	708	804	2 404	5 437	6 656	10 157	600	$22 488	$23 607	23 354	$23 396
SURVEYORS AND MAPPING SCIENTISTS	552	10	62	48	137	158	73	58	6	$15 379	$15 596	429	$16 713
MATHEMATICAL AND COMPUTER SCIENTISTS	9 194	70	243	306	741	2 008	2 392	3 257	177	$22 104	$23 119	7 916	$23 003
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	6 459	48	139	174	496	1 400	1 755	2 352	95	$22 295	$22 985	5 586	$23 236
NATURAL SCIENTISTS	6 608	99	559	424	1 049	1 165	992	2 002	318	$20 030	$22 044	5 357	$22 050
HEALTH DIAGNOSING OCCUPATIONS	16 959	202	337	713	886	1 988	1 354	4 966	6 513	$39 659	$45 054	12 295	$42 753
PHYSICIANS	11 636	93	160	457	485	1 533	763	2 860	5 285	$44 902	$49 203	8 852	$47 872
DENTISTS	3 516	70	90	112	240	234	312	1 488	970	$36 032	$39 586	2 206	$38 532
OTHER HEALTH DIAGNOSING PRACTITIONERS	1 807	39	87	144	161	221	279	618	258	$24 384	$28 972	1 237	$26 484
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	6 768	286	782	632	1 662	1 808	986	555	57	$15 037	$15 044	4 959	$16 367
REGISTERED NURSES	1 473	80	150	185	455	369	118	93	23	$13 542	$14 584	975	$15 082
PHARMACISTS	3 334	142	452	173	508	944	701	380	34	$16 562	$16 267	2 514	$18 478
THERAPISTS	1 564	48	165	219	584	365	127	56	-	$12 960	$13 020	1 126	$14 091
TEACHERS, LIBRARIANS, AND COUNSELORS	56 130	2 220	5 097	4 336	8 682	15 236	12 454	7 288	817	$17 018	$17 483	27 384	$19 327
TEACHERS, POSTSECONDARY	14 852	581	1 882	950	1 108	2 345	2 814	4 492	680	$20 761	$21 899	8 201	$24 743
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	18 379	500	1 012	1 362	3 321	6 355	4 696	1 091	42	$16 745	$16 362	8 009	$17 724
TEACHERS, SECONDARY	13 588	322	746	744	2 533	4 865	3 559	800	19	$16 887	$16 664	6 297	$17 775
SOCIAL SCIENTISTS AND URBAN PLANNERS	5 520	102	381	482	852	957	981	1 471	294	$19 902	$22 511	4 001	$21 997
SOCIAL AND RECREATION WORKERS	5 782	295	637	911	1 812	1 336	518	257	16	$12 772	$12 934	4 224	$14 464
RELIGIOUS WORKERS	4 401	224	1 236	1 051	886	488	312	191	13	$8 280	$10 468	3 340	$10 012
LAWYERS AND JUDGES	14 052	393	1 004	872	997	1 453	1 775	4 947	2 611	$26 485	$33 326	11 156	$28 814
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	23 297	1 717	3 561	3 155	3 869	3 683	3 171	3 600	541	$13 974	$16 227	14 821	$18 064
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	289 943	17 745	36 243	34 995	59 310	61 479	37 698	35 619	6 854	$14 658	$16 044	209 267	$16 768
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	50 948	1 910	4 920	5 285	11 928	12 966	7 520	5 762	657	$15 363	$16 058	38 154	$16 885
HEALTH TECHNOLOGISTS AND TECHNICIANS	4 675	237	526	766	1 619	883	342	241	61	$12 434	$13 358	3 347	$14 081
LICENSED PRACTICAL NURSES	519	17	51	92	308	43	-	8	-	$11 519	$10 959	369	$12 219
ENGINEERING AND SCIENCE TECHNICIANS	27 478	943	2 344	2 703	6 455	8 113	4 317	2 485	118	$15 509	$15 454	21 436	$16 633
ELECTRICAL AND ELECTRONIC TECHNICIANS	8 825	285	633	1 023	2 294	2 788	1 151	646	5	$15 183	$14 911	6 965	$16 046
DRAFTING AND SURVEYING TECHNICIANS	8 927	246	770	886	2 106	2 482	1 740	678	19	$15 609	$15 302	6 902	$16 844
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	18 795	730	2 050	1 816	3 854	3 970	2 861	3 036	478	$15 881	$17 612	13 371	$18 381
AIRPLANE PILOTS AND NAVIGATORS	844	11	56	64	62	66	63	226	296	$35 595	$39 005	433	$33 638
COMPUTER PROGRAMMERS	7 649	240	740	542	1 585	1 901	1 430	1 158	53	$16 433	$16 926	5 687	$18 840
SALES OCCUPATIONS	124 614	8 651	15 775	12 675	21 991	21 841	16 089	21 725	5 867	$15 545	$18 369	90 052	$18 353
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	28 802	1 054	2 126	3 234	6 348	6 259	4 281	4 478	1 022	$15 970	$18 386	24 178	$16 908
SELF-EMPLOYED	6 084	488	753	869	1 150	989	691	914	230	$13 842	$16 463	4 952	$15 081
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	26 755	940	1 912	2 107	3 963	4 604	4 028	6 599	2 602	$19 786	$24 729	20 919	$21 668
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	28 784	515	1 591	1 871	4 521	5 640	4 836	7 956	1 854	$20 196	$23 075	23 961	$21 413
SALES WORKERS, RETAIL AND PERSONAL SERVICES	40 012	6 142	10 110	5 450	7 081	5 286	2 910	2 650	383	$8 718	$10 725	20 772	$14 717
CASHIERS	6 834	1 719	2 783	761	876	517	145	24	9	$3 877	$6 028	1 763	$12 779
SALES RELATED OCCUPATIONS	261	-	36	13	78	52	34	42	6	$15 234	$17 344	222	$16 396

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, 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

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
WHITE													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	114 381	7 184	15 548	17 035	25 391	26 672	14 089	8 132	330	$13 215	$13 505	81 061	$15 681
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	17 212	221	640	934	3 287	4 370	3 657	3 976	127	$18 711	$19 398	15 236	$19 606
COMPUTER EQUIPMENT OPERATORS	5 038	200	727	611	1 656	1 082	465	274	23	$12 730	$13 199	3 643	$14 384
SECRETARIES, STENOGRAPHERS, AND TYPISTS	1 673	196	438	310	317	157	87	152	16	$8 431	$10 820	818	$13 284
SECRETARIES	981	86	238	184	227	86	52	92	16	$9 598	$11 671	565	$12 750
RECEPTIONISTS	643	150	261	66	69	29	53	15	-	$3 883	$6 937	198	$12 467
FILE CLERKS	1 557	254	371	282	318	190	88	44	10	$8 309	$9 392	738	$13 378
FINANCIAL RECORDS PROCESSING OCCUPATIONS	6 026	435	1 083	1 131	1 485	1 067	443	357	25	$11 074	$11 901	3 747	$14 109
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	4 166	326	777	791	1 002	738	282	225	25	$10 853	$11 660	2 520	$14 144
TELEPHONE OPERATORS	671	65	200	141	86	77	40	62	-	$8 169	$10 413	359	$13 158
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	17 467	831	1 351	1 521	1 497	8 544	3 253	465	5	$16 281	$15 624	13 987	$16 891
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	26 157	1 908	4 294	6 028	7 895	3 960	1 551	517	4	$10 482	$10 601	17 396	$12 450
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	2 250	74	90	250	531	582	460	231	32	$16 125	$17 106	1 884	$16 988
BANK TELLERS	1 561	107	431	497	375	88	47	16	-	$8 189	$8 355	829	$10 391
DATA-ENTRY KEYERS	728	29	131	164	153	122	95	34	-	$11 053	$11 947	503	$14 355
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	33 398	2 714	5 531	5 100	7 722	6 404	3 850	1 989	88	$12 134	$12 517	21 723	$15 226
SERVICE OCCUPATIONS	152 760	24 387	34 105	25 402	29 716	21 187	11 350	6 347	266	$8 847	$9 868	83 500	$13 525
PRIVATE HOUSEHOLD OCCUPATIONS	622	223	102	197	75	14	11	-	-	$5 067	$5 369	200	$8 962
PROTECTIVE SERVICE OCCUPATIONS	45 091	2 325	5 231	3 873	6 881	13 008	8 764	4 968	41	$16 160	$15 441	34 532	$17 651
FIREFIGHTING OCCUPATIONS	10 924	131	143	290	1 424	4 751	3 206	972	7	$18 079	$18 272	10 166	$18 287
POLICE AND DETECTIVES, PUBLIC SERVICE	12 376	140	314	329	1 630	4 390	3 255	2 302	16	$18 990	$19 260	10 889	$19 457
GUARDS	15 112	1 888	4 565	2 980	2 641	1 749	843	440	6	$7 461	$8 910	7 511	$12 552
OTHER PROTECTIVE SERVICE OCCUPATIONS	6 679	166	209	274	1 186	2 118	1 460	1 254	12	$18 068	$18 511	5 966	$18 634
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	107 047	21 839	28 772	21 332	22 760	8 165	2 575	1 379	225	$6 561	$7 546	48 768	$11 186
FOOD PREPARATION AND SERVICE OCCUPATIONS	42 967	12 598	14 629	7 511	5 234	1 919	629	362	85	$3 862	$5 651	13 100	$9 867
WAITERS AND FOOD COUNTER WORKERS	5 401	1 583	2 277	902	480	108	26	25	-	$3 590	$4 615	1 213	$8 065
COOKS	14 259	3 177	4 772	2 916	2 405	641	192	103	53	$4 962	$6 441	5 270	$10 126
HEALTH SERVICE OCCUPATIONS	6 043	665	1 363	1 874	1 648	293	142	51	7	$8 552	$8 304	3 345	$10 515
NURSING AIDES, ORDERLIES, AND ATTENDANTS	4 774	397	995	1 648	1 408	182	92	45	7	$8 835	$8 581	2 840	$10 323
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	48 775	7 186	10 123	10 141	14 245	4 950	1 334	689	107	$8 909	$8 886	27 674	$11 694
PERSONAL SERVICE OCCUPATIONS	9 262	1 390	2 657	1 806	1 633	1 003	470	277	26	$7 212	$8 786	4 649	$11 385
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	4 521	313	1 011	971	1 169	558	261	212	26	$9 857	$10 817	3 132	$11 639
FARMING, FORESTRY, AND FISHING OCCUPATIONS	20 747	3 129	4 975	4 154	4 339	1 738	826	1 307	279	$8 148	$10 217	9 912	$11 347
FARM OPERATORS AND MANAGERS	3 397	556	802	535	558	295	203	322	126	$8 480	$12 620	2 447	$10 534
FARM OCCUPATIONS, EXCEPT MANAGERIAL	3 182	715	1 063	729	424	131	37	44	39	$5 443	$6 893	1 358	$9 116
RELATED AGRICULTURAL OCCUPATIONS	9 559	1 501	2 298	2 176	2 466	770	214	126	8	$7 811	$8 104	4 369	$11 570
FORESTRY AND FISHING OCCUPATIONS	4 609	357	812	714	891	542	372	815	106	$11 865	$15 124	1 738	$13 888
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	279 890	10 920	27 395	37 853	68 490	66 316	41 393	25 999	1 524	$14 581	$14 791	200 849	$16 188
MECHANICS AND REPAIRERS	83 649	3 650	7 239	11 804	21 873	19 179	12 131	7 581	192	$14 240	$14 490	65 334	$15 663
AUTOMOBILE MECHANICS, INCLUDING BODY	26 335	1 518	3 095	5 720	7 976	5 016	2 015	924	71	$11 688	$11 962	19 737	$13 016
AIRCRAFT MECHANICS	1 467	20	100	54	197	314	316	466	-	$20 560	$19 561	1 243	$21 584
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	4 345	173	241	510	1 274	1 148	594	389	16	$14 857	$15 005	3 414	$15 767
OTHER MECHANICS AND REPAIRERS	51 502	1 939	3 803	5 520	12 426	12 701	9 206	5 802	105	$15 555	$15 595	40 940	$16 725
CONSTRUCTION TRADES	94 563	4 437	12 235	15 825	23 288	19 017	11 678	7 368	715	$12 952	$13 720	53 430	$15 877
CARPENTERS	28 871	1 755	4 934	6 114	7 867	4 830	2 307	965	99	$10 985	$11 351	13 646	$13 720
ELECTRICIANS	12 970	410	1 129	1 662	2 983	3 270	2 114	1 328	74	$15 301	$15 403	9 268	$16 610
PAINTERS, CONSTRUCTION AND MAINTENANCE	8 674	759	1 936	2 002	2 201	1 138	417	162	59	$9 311	$10 003	3 694	$12 480
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	10 926	377	1 067	1 411	2 652	2 582	1 653	1 108	76	$14 899	$15 036	7 600	$15 979
OTHER CONSTRUCTION TRADES	33 122	1 136	3 169	4 636	7 585	7 197	5 187	3 805	407	$15 016	$15 664	19 222	$17 931
EXTRACTIVE OCCUPATIONS	341	10	40	22	77	99	59	34	-	$15 724	$14 818	206	$18 921
PRECISION PRODUCTION OCCUPATIONS	101 337	2 823	7 881	10 202	23 252	28 021	17 525	11 016	617	$15 795	$16 040	81 879	$16 777
SUPERVISORS, PRODUCTION OCCUPATIONS	41 676	583	1 686	2 308	7 339	12 162	9 505	7 618	475	$18 232	$18 992	36 945	$18 895
MANUFACTURING	31 735	312	1 027	1 604	5 457	9 641	7 608	5 807	279	$18 471	$19 162	28 497	$19 024
PRECISION METALWORKING OCCUPATIONS	32 427	1 005	2 658	3 959	8 711	9 501	4 897	1 657	39	$14 917	$14 394	24 957	$15 786
TOOL AND DIE MAKERS	5 199	105	257	360	1 102	1 803	1 145	427	-	$16 549	$16 551	4 393	$17 233
MACHINISTS	20 282	650	1 879	2 680	5 700	5 812	2 673	857	31	$14 222	$13 868	15 510	$15 480
SHEET METAL WORKERS	3 368	95	231	519	866	945	552	160	-	$14 814	$14 337	2 334	$15 670
OTHER PRECISION METAL WORKERS	3 578	155	291	400	1 043	941	527	213	8	$14 437	$14 294	2 720	$15 531
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	3 358	236	530	727	1 066	478	203	107	11	$10 877	$11 091	2 246	$12 130
PLANT AND SYSTEM OPERATORS	4 545	57	167	216	1 088	1 059	1 047	898	13	$18 113	$18 593	3 993	$18 948
OTHER PRECISION PRODUCTION OCCUPATIONS	19 331	942	2 840	2 992	5 048	4 821	1 873	736	79	$12 660	$12 694	13 738	$14 919

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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MASSACHUSETTS

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
WHITE													
OPERATORS, FABRICATORS, AND LABORERS	294 612	26 159	46 190	54 176	79 554	52 495	24 294	11 125	619	$11 235	$11 424	178 870	$13 685
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	142 468	8 192	17 335	27 106	44 412	30 430	11 141	3 694	158	$12 062	$11 956	98 918	$13 576
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	100 773	5 443	11 647	19 717	32 055	21 174	7 982	2 661	94	$12 080	$12 020	70 928	$13 481
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	15 923	731	1 428	2 483	5 254	3 922	1 567	518	20	$13 051	$12 948	11 772	$14 431
PRINTING MACHINE OPERATORS	10 976	383	1 106	1 621	2 783	2 868	1 517	693	5	$14 156	$14 045	8 378	$15 528
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	9 791	755	1 694	2 941	3 052	1 007	246	91	5	$9 424	$9 447	6 193	$11 024
TEXTILE MACHINE OPERATORS	4 033	232	494	1 079	1 566	559	77	26	-	$10 569	$10 283	2 870	$11 716
TEXTILE SEWING MACHINE OPERATORS	715	81	149	214	152	80	12	27	-	$8 679	$8 994	378	$11 094
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	1 852	267	414	651	325	109	59	22	5	$7 801	$7 967	1 038	$9 490
OTHER SPECIFIED MACHINE OPERATORS	28 436	1 726	3 580	5 534	9 040	5 999	1 986	527	44	$11 909	$11 686	19 587	$13 356
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	35 647	1 848	3 839	7 138	11 926	7 378	2 666	832	20	$12 026	$11 955	24 998	$13 314
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	10 941	427	1 075	1 954	3 612	2 553	1 054	266	-	$12 628	$12 619	7 817	$14 113
MACHINE OPERATORS, NOT SPECIFIED	24 706	1 421	2 764	5 184	8 314	4 825	1 612	566	20	$11 711	$11 661	17 181	$13 013
INDUSTRY:													
MANUFACTURING	32 537	1 549	3 458	6 626	11 053	6 779	2 336	716	20	$12 052	$11 961	23 045	$13 259
NONDURABLE GOODS	12 732	662	1 377	2 526	4 206	2 732	959	255	15	$12 025	$11 945	8 944	$13 388
FOOD AND KINDRED PRODUCTS	1 075	43	130	235	351	225	74	17	-	$11 786	$11 903	707	$13 562
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	1 466	113	110	424	563	204	39	13	-	$10 662	$10 316	1 011	$11 697
PAPER AND ALLIED PRODUCTS	3 954	158	247	551	1 202	1 161	537	92	6	$14 068	$13 839	3 055	$15 280
OTHER NONDURABLE GOODS	6 237	348	890	1 316	2 090	1 142	309	133	9	$11 287	$11 134	4 171	$12 725
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	19 805	887	2 081	4 100	6 847	4 047	1 377	461	5	$12 068	$11 972	14 101	$13 188
METAL INDUSTRIES	6 150	343	599	1 434	2 267	1 118	289	95	5	$11 717	$11 421	4 282	$12 675
MACHINERY, INCLUDING ELECTRICAL	6 909	313	819	1 394	2 135	1 558	535	155	-	$12 209	$12 044	4 913	$13 628
TRANSPORTATION EQUIPMENT	1 238	30	58	163	467	309	137	74	-	$13 803	$14 220	966	$14 370
OTHER DURABLE GOODS	5 508	201	605	1 109	1 978	1 062	416	137	-	$11 810	$11 991	3 940	$13 099
NONMANUFACTURING INDUSTRIES	3 110	299	381	512	873	599	330	116	-	$11 643	$11 892	1 953	$14 212
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	752	38	33	46	220	239	115	61	-	$15 505	$15 490	532	$16 631
WHOLESALE AND RETAIL TRADE	1 021	88	153	214	306	134	107	19	-	$10 649	$10 851	624	$13 067
ALL OTHER INDUSTRIES	1 337	173	195	252	347	226	108	36	-	$10 618	$10 663	797	$13 024
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	29 827	2 255	4 548	5 721	8 771	5 931	1 955	589	57	$11 345	$11 209	19 143	$13 283
WELDERS AND CUTTERS	9 220	346	924	1 446	2 852	2 385	908	318	41	$13 245	$13 254	6 370	$15 010
ASSEMBLERS	18 518	1 694	3 146	3 944	5 304	3 252	948	220	10	$10 405	$10 305	11 573	$12 541
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	2 089	215	478	331	615	294	99	51	6	$10 164	$10 198	1 200	$12 945
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	11 868	494	1 140	1 668	3 586	3 325	1 204	444	7	$13 462	$13 292	8 847	$15 138
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	78 756	4 241	9 862	12 911	20 464	14 264	10 222	6 433	359	$12 734	$13 527	50 921	$15 106
MOTOR VEHICLE OPERATORS	58 720	3 215	8 088	9 843	14 459	10 145	7 847	4 846	277	$12 537	$13 405	38 072	$15 287
TRUCK DRIVERS AND DRIVER-SALES WORKERS	47 743	2 247	5 084	7 568	12 685	8 816	6 762	4 348	233	$13 236	$14 106	32 387	$15 478
BUS DRIVERS	5 044	293	1 147	822	794	779	798	386	25	$11 635	$12 625	2 761	$17 240
RAIL AND WATER TRANSPORTATION OCCUPATIONS	2 964	90	126	211	434	500	730	845	28	$20 585	$19 798	2 047	$21 867
MATERIAL MOVING EQUIPMENT OPERATORS	17 072	936	1 648	2 857	5 571	3 619	1 645	742	54	$12 551	$12 857	10 802	$13 590
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	1 745	27	152	224	560	436	233	107	6	$13 955	$14 659	953	$14 755
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	73 388	13 726	18 993	14 159	14 678	7 801	2 931	998	102	$7 117	$8 136	29 031	$12 199
CONSTRUCTION LABORERS	12 444	934	2 281	2 959	3 843	1 611	517	243	56	$10 056	$10 272	4 394	$12 573
FREIGHT, STOCK, AND MATERIAL HANDLERS	25 648	6 643	7 713	3 791	3 387	2 623	1 113	367	11	$4 719	$7 152	8 480	$13 109
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	5 858	1 809	2 285	1 046	429	220	54	15	-	$3 423	$4 789	1 534	$9 063
HAND PACKERS AND PACKAGERS	5 749	962	1 348	1 391	1 286	520	181	68	13	$7 583	$8 227	2 736	$11 371
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	6 788	1 286	1 863	1 440	1 173	665	257	102	2	$6 635	$7 761	2 657	$12 036
LABORERS, EXCEPT CONSTRUCTION	16 881	2 092	3 503	3 532	4 560	2 162	809	203	20	$9 262	$9 337	9 230	$12 194
MANUFACTURING	6 012	620	1 201	1 414	1 845	644	223	60	5	$9 370	$9 311	3 501	$11 746
NONDURABLE GOODS	2 889	309	574	719	902	257	110	18	-	$9 186	$9 068	1 678	$11 342
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	3 123	311	627	695	943	387	113	42	5	$9 579	$9 535	1 823	$12 075
METAL INDUSTRIES	818	46	136	218	295	95	18	10	-	$10 159	$9 936	512	$12 013
NONMANUFACTURING INDUSTRIES	10 869	1 472	2 302	2 118	2 715	1 518	586	143	15	$9 193	$9 351	5 729	$12 531
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	2 436	214	302	456	798	374	253	39	-	$11 252	$11 093	1 308	$13 559
WHOLESALE AND RETAIL TRADE	5 415	700	1 275	1 009	1 157	882	301	87	4	$8 959	$9 439	2 936	$12 909
ALL OTHER INDUSTRIES	3 018	558	725	653	760	262	32	17	11	$7 487	$7 786	1 485	$11 288
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	654	53	219	271	55	26	6	24	-	$6 542	$7 360	325	$7 006

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, 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

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
WHITE													
FEMALE EXPERIENCED CIVILIAN LABOR FORCE	1 130 207	160 306	317 992	291 252	231 684	89 079	26 233	12 296	1 365	$7 201	$7 871	511 718	$10 526
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	271 428	21 138	45 639	47 340	74 799	54 979	18 247	8 494	792	$11 446	$11 486	131 962	$13 871
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	82 485	3 981	11 572	15 896	25 942	13 977	6 136	4 569	412	$11 679	$12 399	56 875	$13 283
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	3 189	231	405	434	962	711	216	230	-	$12 659	$12 801	2 246	$14 467
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	5 563	320	802	956	1 240	908	831	484	22	$12 560	$13 464	3 003	$14 525
MANAGERS, MEDICINE AND HEALTH	2 359	96	175	292	695	565	311	209	16	$14 414	$14 962	1 746	$15 344
OTHER SPECIFIED MANAGERS	11 679	400	1 300	2 185	3 797	2 148	1 005	756	88	$12 315	$13 336	8 942	$13 559
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	33 236	1 398	5 298	6 942	9 981	5 198	2 251	1 961	207	$11 212	$12 222	22 504	$13 138
MANUFACTURING	5 208	92	407	719	1 796	1 118	489	520	67	$13 573	$15 424	4 198	$14 720
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	2 009	13	126	256	460	444	332	358	20	$16 285	$17 343	1 645	$17 636
WHOLESALE AND RETAIL TRADE	7 720	405	1 588	2 161	2 225	817	237	241	46	$9 491	$10 183	4 982	$11 257
ALL OTHER INDUSTRIES	18 299	888	3 177	3 806	5 500	2 819	1 193	842	74	$10 908	$11 608	11 679	$13 094
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	1 642	271	526	289	266	96	78	111	5	$6 340	$8 889	852	$7 960
CONSTRUCTION	22	-	6	-	11	-	5	-	-	$12 894	$13 179	6	$12 272
MANUFACTURING	205	54	48	35	36	6	13	13	-	$6 071	$8 148	84	$7 714
WHOLESALE AND RETAIL TRADE	763	107	293	173	96	42	26	26	-	$5 824	$7 521	430	$6 556
ALL OTHER INDUSTRIES	652	110	179	81	123	48	34	72	5	$7 721	$10 578	332	$11 394
MANAGEMENT RELATED OCCUPATIONS	24 817	1 265	3 066	4 798	9 001	4 351	1 444	818	74	$11 678	$11 895	17 582	$13 030
ACCOUNTANTS AND AUDITORS	8 565	397	1 145	1 690	3 064	1 591	458	210	10	$11 708	$11 659	5 776	$13 291
BUYERS AND PURCHASING AGENTS	3 829	173	442	901	1 524	466	188	119	16	$11 176	$11 456	3 045	$12 006
PROFESSIONAL SPECIALTY OCCUPATIONS	188 943	17 157	34 067	31 444	48 857	41 002	12 111	3 925	380	$11 296	$11 087	75 087	$14 312
ENGINEERS, ARCHITECTS, AND SURVEYORS	2 231	91	308	360	563	526	255	122	6	$12 938	$13 702	1 452	$15 817
ARCHITECTS	429	33	73	46	123	103	31	20	-	$12 125	$12 438	211	$16 552
ENGINEERS	1 766	58	235	294	440	411	220	102	6	$13 176	$14 063	1 217	$15 644
ELECTRICAL AND ELECTRONIC ENGINEERS	462	21	51	22	103	116	96	53	-	$16 065	$16 682	379	$17 601
MECHANICAL ENGINEERS	145	-	17	22	37	54	15	-	-	$14 455	$13 441	95	$15 527
OTHER ENGINEERS	1 159	37	167	250	300	241	109	49	6	$11 992	$13 096	743	$14 855
SURVEYORS AND MAPPING SCIENTISTS	36	-	-	20	-	12	4	-	-	$7 800	$11 071	24	$7 714
MATHEMATICAL AND COMPUTER SCIENTISTS	3 381	109	185	394	967	896	511	319	-	$15 123	$15 247	2 554	$16 202
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	1 775	63	55	171	456	514	340	176	-	$15 959	$15 956	1 367	$17 009
NATURAL SCIENTISTS	2 007	121	312	269	565	375	193	164	8	$12 415	$13 050	1 340	$14 540
HEALTH DIAGNOSING OCCUPATIONS	2 491	83	201	296	393	607	193	549	169	$16 769	$22 267	1 607	$18 378
PHYSICIANS	2 058	62	81	220	294	566	159	507	169	$17 807	$24 510	1 408	$18 621
DENTISTS	180	6	49	41	42	5	12	25	-	$9 368	$12 267	81	$14 028
OTHER HEALTH DIAGNOSING PRACTITIONERS	253	15	71	35	57	36	22	17	-	$10 306	$11 135	118	$16 057
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	54 509	2 687	7 974	11 395	18 136	11 424	2 370	479	44	$11 548	$11 085	25 760	$14 757
REGISTERED NURSES	46 219	2 038	6 254	9 822	15 391	10 207	2 068	404	35	$11 765	$11 278	21 832	$15 061
PHARMACISTS	814	44	285	180	114	143	41	7	-	$7 696	$9 277	334	$15 100
THERAPISTS	5 562	379	1 096	969	2 168	753	154	34	9	$10 812	$10 113	2 598	$12 755
TEACHERS, LIBRARIANS, AND COUNSELORS	89 366	9 614	17 357	11 972	19 511	22 903	6 802	1 165	42	$11 708	$11 005	25 036	$14 429
TEACHERS, POSTSECONDARY	8 360	871	2 054	1 059	1 153	1 548	1 033	630	12	$11 225	$11 886	2 863	$18 122
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	49 343	4 359	8 746	6 464	11 048	14 774	3 677	245	30	$12 491	$11 450	12 271	$14 477
TEACHERS, SECONDARY	15 319	1 252	2 389	1 763	4 109	4 374	1 341	91	-	$12 756	$11 865	4 258	$14 773
SOCIAL SCIENTISTS AND URBAN PLANNERS	3 543	205	495	566	941	700	366	267	3	$12 705	$13 128	1 859	$15 076
SOCIAL AND RECREATION WORKERS	10 915	896	2 068	2 434	3 776	1 320	287	126	8	$10 072	$9 745	5 965	$12 243
RELIGIOUS WORKERS	1 151	253	473	190	125	80	14	16	-	$4 561	$6 167	528	$6 784
LAWYERS AND JUDGES	2 528	222	490	378	437	340	340	273	48	$11 776	$13 797	1 386	$17 895
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	16 821	2 876	4 204	3 190	3 443	1 831	780	445	52	$7 741	$8 824	7 600	$12 360
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	514 482	67 991	145 335	149 287	116 502	26 456	5 788	2 731	392	$7 269	$7 444	251 823	$10 241
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	40 044	2 841	8 297	10 010	13 658	3 750	1 067	369	52	$9 579	$9 357	20 732	$11 973
HEALTH TECHNOLOGISTS AND TECHNICIANS	25 091	1 461	5 600	6 971	8 827	1 760	345	96	31	$9 196	$8 896	12 069	$11 648
LICENSED PRACTICAL NURSES	11 618	696	2 967	3 646	3 907	298	56	26	22	$8 471	$8 136	4 890	$11 115
ENGINEERING AND SCIENCE TECHNICIANS	6 089	750	1 041	1 458	2 054	607	144	25	10	$9 484	$9 028	3 473	$11 517
ELECTRICAL AND ELECTRONIC TECHNICIANS	1 318	96	169	354	520	138	28	13	-	$10 268	$9 808	890	$11 356
DRAFTING AND SURVEYING TECHNICIANS	1 242	140	196	269	441	159	37	-	-	$10 146	$9 464	658	$12 260
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	8 864	630	1 656	1 581	2 777	1 383	578	248	11	$10 980	$10 888	5 190	$13 435
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	3 798	159	504	527	1 323	828	333	119	5	$12 656	$12 495	2 533	$14 535
SALES OCCUPATIONS	113 343	27 634	47 744	20 712	10 683	3 859	1 372	1 185	154	$3 954	$5 502	31 880	$9 330
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	10 745	974	2 754	3 420	2 400	842	180	155	20	$7 667	$8 312	6 438	$9 998
SELF-EMPLOYED	1 837	437	605	326	299	89	43	31	7	$5 148	$6 393	887	$7 809
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	14 938	1 441	3 063	3 441	3 860	1 691	702	657	83	$9 486	$10 515	8 069	$11 966
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	4 477	466	1 079	977	1 102	488	221	118	26	$8 971	$9 892	2 616	$11 810
SALES WORKERS, RETAIL AND PERSONAL SERVICES	82 899	24 668	40 765	12 792	3 293	838	269	249	25	$3 229	$3 998	14 690	$7 611
CASHIERS	32 793	10 795	15 953	4 587	1 103	258	50	41	6	$2 951	$3 632	4 071	$7 764
SALES RELATED OCCUPATIONS	284	85	83	82	28	-	-	6	-	$4 444	$5 313	67	$8 371

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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MASSACHUSETTS

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
WHITE													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	361 095	37 516	89 294	118 565	92 161	18 847	3 349	1 177	186	$8 059	$7 842	199 211	$10 143
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	15 494	346	1 400	3 661	6 472	2 491	831	293	-	$11 512	$11 731	12 641	$12 196
COMPUTER EQUIPMENT OPERATORS	6 716	639	1 055	2 308	2 208	428	51	27	-	$9 109	$8 672	4 503	$10 443
SECRETARIES, STENOGRAPHERS, AND TYPISTS	130 388	11 389	29 263	44 151	38 061	6 421	698	330	75	$8 468	$8 092	75 371	$10 318
SECRETARIES	109 910	8 325	23 444	36 755	34 536	5 890	656	250	54	$8 757	$8 359	65 709	$10 481
RECEPTIONISTS	10 396	2 029	3 389	3 416	1 298	216	34	14	-	$5 696	$5 845	4 139	$9 005
FILE CLERKS	6 369	1 549	1 965	1 896	805	122	13	14	5	$5 137	$5 552	2 577	$8 761
FINANCIAL RECORDS PROCESSING OCCUPATIONS	53 918	4 085	13 135	19 512	14 193	2 449	372	123	49	$8 228	$8 007	30 441	$9 969
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	42 559	3 312	10 707	14 913	11 190	1 951	330	123	33	$8 169	$7 977	23 372	$10 053
TELEPHONE OPERATORS	8 072	702	1 896	2 224	2 831	326	59	23	11	$8 797	$8 499	4 336	$10 858
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	4 276	717	1 078	1 125	566	668	122	-	-	$7 356	$8 085	1 905	$10 755
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	8 059	711	2 162	2 965	1 836	296	62	27	-	$7 695	$7 610	4 730	$9 548
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	2 583	56	340	984	955	235	6	7	-	$9 730	$9 649	2 022	$10 497
BANK TELLERS	12 428	1 276	4 605	5 221	1 247	58	7	14	-	$6 236	$6 034	5 855	$8 231
DATA-ENTRY KEYERS	10 217	885	2 772	3 894	2 334	288	32	6	6	$7 710	$7 425	5 343	$9 680
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	92 179	13 132	26 234	27 208	19 355	4 849	1 062	299	40	$7 095	$7 251	45 348	$9 993
SERVICE OCCUPATIONS	174 668	51 036	76 332	33 194	10 495	2 174	917	460	60	$3 519	$4 380	41 178	$7 888
PRIVATE HOUSEHOLD OCCUPATIONS	7 788	3 844	3 028	720	141	20	22	13	-	$2 045	$2 758	1 199	$5 279
PROTECTIVE SERVICE OCCUPATIONS	5 187	1 769	1 961	623	469	168	116	81	-	$2 995	$5 072	1 269	$11 077
FIREFIGHTING OCCUPATIONS	53	8	5	6	16	5	-	13	-	$13 097	$13 757	40	$14 456
POLICE AND DETECTIVES, PUBLIC SERVICE	488	48	83	101	111	46	68	31	-	$10 571	$11 441	297	$13 668
GUARDS	4 193	1 661	1 778	438	211	48	36	21	-	$2 580	$3 737	642	$9 092
OTHER PROTECTIVE SERVICE OCCUPATIONS	453	52	95	78	131	69	12	16	-	$10 047	$9 555	290	$12 152
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	161 693	45 423	71 343	31 851	9 885	1 986	779	366	60	$3 609	$4 436	38 710	$7 894
FOOD PREPARATION AND SERVICE OCCUPATIONS	74 732	25 406	36 227	9 994	2 395	433	156	96	25	$2 938	$3 573	11 026	$7 160
WAITERS AND FOOD COUNTER WORKERS	40 871	14 404	20 890	4 246	1 010	207	60	43	11	$2 809	$3 292	5 023	$6 283
COOKS	10 212	2 315	4 952	2 327	524	39	39	16	-	$4 074	$4 519	2 371	$7 733
HEALTH SERVICE OCCUPATIONS	42 562	8 011	16 441	13 008	4 331	515	160	71	25	$5 217	$5 494	15 954	$8 393
NURSING AIDES, ORDERLIES, AND ATTENDANTS	32 176	6 224	12 430	9 503	3 423	385	136	57	18	$5 194	$5 486	12 141	$8 390
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	13 772	3 676	5 371	3 612	929	129	36	19	-	$4 048	$4 722	4 453	$8 017
PERSONAL SERVICE OCCUPATIONS	30 627	8 330	13 304	5 237	2 230	909	427	180	10	$3 769	$4 943	7 277	$7 711
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	10 332	1 679	5 002	2 292	993	201	75	85	5	$4 749	$5 452	3 496	$7 506
FARMING, FORESTRY, AND FISHING OCCUPATIONS	3 645	1 166	1 388	702	265	64	24	24	12	$3 547	$4 676	1 217	$6 830
FARM OPERATORS AND MANAGERS	594	244	164	85	39	14	18	18	12	$3 260	$6 329	318	$5 000
FARM OCCUPATIONS, EXCEPT MANAGERIAL	1 311	485	529	206	55	30	-	6	-	$2 836	$3 815	350	$6 876
RELATED AGRICULTURAL OCCUPATIONS	1 563	391	637	359	151	19	6	-	-	$4 089	$4 741	476	$7 303
FORESTRY AND FISHING OCCUPATIONS	177	46	58	52	20	1	-	-	-	$5 225	$4 930	73	$7 458
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	25 171	2 293	6 265	7 837	5 743	1 999	691	297	46	$8 110	$8 569	14 853	$10 222
MECHANICS AND REPAIRERS	2 667	188	482	695	814	262	127	93	6	$9 832	$10 209	1 822	$11 290
AUTOMOBILE MECHANICS, INCLUDING BODY	220	27	63	67	46	11	-	6	-	$7 290	$8 043	108	$9 103
AIRCRAFT MECHANICS	44	10	5	-	15	7	7	-	-	$11 556	$10 684	20	$17 248
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	13	-	-	5	-	8	-	-	-	$15 140	$14 159	13	$15 140
OTHER MECHANICS AND REPAIRERS	2 390	151	414	623	753	236	120	87	6	$10 033	$10 378	1 681	$11 347
CONSTRUCTION TRADES	1 179	163	482	239	130	84	51	30	-	$4 896	$7 163	394	$12 082
CARPENTERS	401	52	183	78	56	9	7	16	-	$4 835	$6 832	128	$11 789
ELECTRICIANS	129	12	29	26	27	10	11	14	-	$9 737	$11 340	78	$14 068
PAINTERS, CONSTRUCTION AND MAINTENANCE	218	51	102	44	15	6	-	-	-	$3 310	$4 393	31	$10 200
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	50	12	18	5	8	7	-	-	-	$4 545	$4 725	17	$9 400
OTHER CONSTRUCTION TRADES	381	36	150	86	24	52	33	-	-	$6 321	$8 001	140	$11 692
EXTRACTIVE OCCUPATIONS	11	5	-	-	-	6	-	-	-	$15 060	$9 150	-	-
PRECISION PRODUCTION OCCUPATIONS	21 314	1 937	5 301	6 903	4 799	1 647	513	174	40	$8 018	$8 441	12 637	$9 998
SUPERVISORS, PRODUCTION OCCUPATIONS	7 541	305	1 071	2 107	2 384	1 102	399	144	29	$10 508	$11 022	5 689	$11 629
MANUFACTURING	5 671	238	563	1 530	2 002	923	310	96	9	$11 045	$11 319	4 523	$11 742
PRECISION METALWORKING OCCUPATIONS	2 073	250	522	744	386	142	29	-	-	$7 392	$7 538	1 150	$9 062
TOOL AND DIE MAKERS	91	-	20	18	53	-	-	-	-	$10 517	$9 921	63	$10 931
MACHINISTS	791	72	154	332	181	45	7	-	-	$8 164	$7 918	461	$9 196
SHEET METAL WORKERS	64	8	-	20	22	14	-	-	-	$10 800	$10 203	33	$12 384
OTHER PRECISION METAL WORKERS	1 127	170	348	374	130	83	22	-	-	$6 431	$6 928	593	$8 479
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	2 705	374	1 077	945	206	61	24	12	6	$5 659	$5 960	1 090	$7 528
PLANT AND SYSTEM OPERATORS	163	5	36	43	54	25	-	-	-	$9 878	$9 908	108	$11 583
OTHER PRECISION PRODUCTION OCCUPATIONS	8 832	1 003	2 595	3 064	1 769	317	61	18	5	$7 073	$7 182	4 600	$9 336

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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MASSACHUSETTS

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
WHITE													
OPERATORS, FABRICATORS, AND LABORERS	140 667	16 652	42 958	52 857	23 880	3 401	566	290	63	$6 735	$6 751	70 666	$8 731
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	111 217	11 129	31 366	44 560	20 716	2 811	393	186	56	$7 080	$7 049	60 411	$8 796
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	66 960	6 498	20 408	27 649	10 570	1 450	228	117	40	$6 820	$6 839	34 962	$8 403
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	2 901	352	709	996	668	145	25	6	-	$7 524	$7 595	1 642	$9 547
PRINTING MACHINE OPERATORS	3 103	341	900	1 009	729	99	25	-	-	$7 150	$7 162	1 684	$9 674
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	30 840	2 615	11 015	13 580	3 196	339	44	34	17	$6 417	$6 316	14 343	$7 708
TEXTILE MACHINE OPERATORS	3 133	246	917	1 469	456	32	6	-	7	$6 960	$6 877	1 767	$8 182
TEXTILE SEWING MACHINE OPERATORS	20 304	1 403	7 220	9 303	2 101	221	19	27	10	$6 513	$6 409	9 082	$7 727
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	2 666	584	1 129	753	155	27	11	7	-	$4 609	$4 949	1 105	$7 671
OTHER SPECIFIED MACHINE OPERATORS	10 686	1 373	3 009	4 273	1 672	272	45	33	9	$6 830	$6 827	5 614	$8 666
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	19 430	1 817	4 775	7 791	4 305	595	89	44	14	$7 526	$7 512	11 679	$8 992
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	6 169	584	1 468	2 500	1 440	157	18	-	2	$7 631	$7 383	3 704	$9 044
MACHINE OPERATORS, NOT SPECIFIED	13 261	1 233	3 307	5 291	2 865	438	71	44	12	$7 479	$7 572	7 975	$8 966
INDUSTRY:													
MANUFACTURING	17 829	1 419	4 387	7 240	4 059	577	89	44	14	$7 659	$7 684	10 951	$9 027
NONDURABLE GOODS	7 578	701	2 311	3 243	1 198	59	39	21	6	$6 846	$6 866	4 308	$8 179
FOOD AND KINDRED PRODUCTS	363	6	136	156	59	-	-	6	-	$6 760	$6 940	141	$8 677
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	1 953	179	722	851	186	9	-	6	-	$6 265	$6 292	1 067	$7 122
PAPER AND ALLIED PRODUCTS	1 621	113	397	641	436	23	11	-	-	$8 179	$7 684	951	$9 602
OTHER NONDURABLE GOODS	3 641	403	1 056	1 595	517	27	28	9	6	$6 807	$6 802	2 149	$8 132
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	10 251	718	2 076	3 997	2 861	518	50	23	8	$8 402	$8 290	6 643	$9 602
METAL INDUSTRIES	1 453	105	287	567	447	41	-	-	6	$8 271	$8 244	975	$9 671
MACHINERY, INCLUDING ELECTRICAL	5 075	337	894	2 021	1 485	285	34	17	2	$8 618	$8 573	3 394	$9 765
TRANSPORTATION EQUIPMENT	394	12	28	101	221	31	1	-	-	$11 318	$10 392	285	$11 959
OTHER DURABLE GOODS	3 329	264	867	1 308	708	161	15	6	-	$7 840	$7 629	1 989	$9 065
NONMANUFACTURING INDUSTRIES	1 601	398	388	551	246	18	-	-	-	$6 084	$5 588	728	$8 508
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	121	22	47	8	44	-	-	-	-	$5 292	$6 416	52	$11 238
WHOLESALE AND RETAIL TRADE	671	178	186	236	66	5	-	-	-	$5 709	$4 910	313	$7 319
ALL OTHER INDUSTRIES	809	198	155	307	136	13	-	-	-	$6 613	$6 027	363	$9 096
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	30 237	3 562	8 058	11 611	6 013	853	84	45	11	$7 205	$7 009	16 473	$9 040
WELDERS AND CUTTERS	978	85	274	450	118	46	-	5	-	$7 688	$7 277	527	$8 734
ASSEMBLERS	25 988	3 142	6 856	9 932	5 177	750	84	40	7	$7 212	$7 020	14 139	$9 062
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	3 271	335	928	1 229	718	57	-	-	4	$7 045	$6 843	1 807	$8 987
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	14 020	1 069	2 900	5 300	4 133	508	81	24	5	$8 420	$8 141	8 976	$9 776
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	7 850	1 547	3 899	1 485	603	171	114	31	-	$4 058	$5 122	1 744	$8 484
MOTOR VEHICLE OPERATORS	6 096	1 393	3 321	885	285	94	93	25	-	$3 639	$4 518	855	$8 126
TRUCK DRIVERS AND DRIVER-SALES WORKERS	1 097	261	338	216	140	65	56	21	-	$5 211	$7 005	410	$12 082
BUS DRIVERS	4 473	984	2 760	564	108	16	37	4	-	$3 503	$3 905	262	$6 600
RAIL AND WATER TRANSPORTATION OCCUPATIONS	71	5	11	6	9	26	14	-	-	$15 499	$13 185	33	$15 641
MATERIAL MOVING EQUIPMENT OPERATORS	1 683	149	567	594	309	51	7	6	-	$6 662	$6 968	856	$8 509
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	19	-	-	13	6	-	-	-	-	$7 462	$8 676	12	$10 000
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	21 600	3 976	7 693	6 812	2 561	419	59	73	7	$5 565	$5 805	8 511	$8 268
CONSTRUCTION LABORERS	210	63	60	32	19	21	8	7	-	$4 842	$7 117	62	$10 667
FREIGHT, STOCK, AND MATERIAL HANDLERS	4 083	1 059	1 646	870	368	111	7	22	-	$4 056	$4 939	1 121	$8 611
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	324	149	120	39	6	10	-	-	-	$2 765	$3 519	85	$6 524
HAND PACKERS AND PACKAGERS	12 508	1 774	4 314	4 436	1 720	205	22	32	5	$6 129	$6 177	5 287	$8 295
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	642	126	266	143	86	21	-	-	-	$5 202	$5 728	292	$7 579
LABORERS, EXCEPT CONSTRUCTION	3 833	805	1 287	1 292	362	51	22	12	2	$5 432	$5 648	1 664	$8 151
MANUFACTURING	1 777	264	600	685	177	33	16	-	2	$6 138	$6 244	858	$8 105
NONDURABLE GOODS	1 007	155	364	363	93	22	8	-	2	$5 843	$6 109	453	$8 162
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	770	109	236	322	84	11	8	-	-	$6 500	$6 420	405	$8 040
METAL INDUSTRIES	112	6	26	62	12	6	-	-	-	$7 500	$7 291	74	$7 875
NONMANUFACTURING INDUSTRIES	2 056	541	687	607	185	18	6	12	-	$4 547	$5 134	806	$8 198
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	139	15	65	33	19	7	-	-	-	$5 192	$6 145	58	$9 684
WHOLESALE AND RETAIL TRADE	1 212	223	425	427	126	5	-	6	-	$5 468	$5 607	536	$8 118
ALL OTHER INDUSTRIES	705	303	197	147	40	6	6	6	-	$2 900	$4 120	212	$7 886
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	146	30	75	35	-	6	-	-	-	$4 200	$4 733	19	$8 100

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, 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

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
BLACK													
MALE EXPERIENCED CIVILIAN LABOR FORCE	43 423	3 881	6 308	9 372	10 262	7 659	3 321	2 483	137	$10 897	$11 839	26 859	$13 473
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	7 912	436	802	846	1 531	1 718	1 162	1 326	91	$15 715	$16 761	5 257	$17 683
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	3 699	190	255	416	731	821	603	631	52	$16 184	$17 293	2 785	$17 691
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	251	23	46	18	26	40	63	35	-	$16 246	$14 931	180	$19 065
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	375	13	13	9	94	75	54	113	4	$18 594	$19 762	265	$19 004
MANAGERS, MEDICINE AND HEALTH	63	-	-	-	-	40	10	13	-	$18 282	$19 789	54	$18 948
OTHER SPECIFIED MANAGERS	483	34	17	39	96	147	66	79	5	$16 365	$17 082	381	$17 205
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	1 239	96	70	155	222	255	178	242	21	$16 143	$17 864	991	$18 070
MANUFACTURING	169	-	-	13	12	50	33	49	12	$21 130	$26 105	163	$20 957
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	149	11	-	-	24	53	54	7	-	$18 243	$17 536	133	$19 221
WHOLESALE AND RETAIL TRADE	264	32	45	39	75	32	-	41	-	$11 143	$12 619	172	$13 789
ALL OTHER INDUSTRIES	657	53	25	103	111	120	91	145	9	$16 185	$17 927	523	$18 365
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	88	3	-	9	27	16	13	11	9	$16 222	$22 428	69	$16 303
CONSTRUCTION	17	3	-	-	6	-	8	-	-	$14 642	$14 076	14	$20 094
MANUFACTURING	13	-	-	-	8	-	-	5	-	$11 625	$21 543	13	$11 625
WHOLESALE AND RETAIL TRADE	16	-	-	-	7	-	-	-	9	$75,000+	$46 568	-	-
ALL OTHER INDUSTRIES	42	-	-	9	6	16	5	6	-	$16 258	$16 886	42	$16 258
MANAGEMENT RELATED OCCUPATIONS	1 200	21	109	186	266	248	219	138	13	$15 251	$16 003	845	$16 931
ACCOUNTANTS AND AUDITORS	451	-	48	121	105	99	45	20	13	$12 827	$14 273	277	$15 615
BUYERS AND PURCHASING AGENTS	95	14	-	-	20	29	14	18	-	$16 770	$16 481	83	$17 245
PROFESSIONAL SPECIALTY OCCUPATIONS	4 213	246	547	430	800	897	559	695	39	$15 322	$16 293	2 472	$17 673
ENGINEERS, ARCHITECTS, AND SURVEYORS	728	-	32	39	107	207	170	173	-	$19 289	$19 826	576	$20 141
ARCHITECTS	33	-	-	-	15	-	18	-	-	$20 062	$17 098	33	$20 062
ENGINEERS	695	-	32	39	92	207	152	173	-	$19 234	$19 955	543	$20 125
ELECTRICAL AND ELECTRONIC ENGINEERS	230	-	-	7	11	52	84	76	-	$22 081	$22 702	197	$21 788
MECHANICAL ENGINEERS	59	-	-	11	19	5	14	10	-	$14 887	$17 894	44	$20 449
OTHER ENGINEERS	406	-	32	21	62	150	54	87	-	$17 306	$18 699	302	$18 076
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	251	-	23	-	14	86	94	34	-	$20 067	$19 588	191	$20 307
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	178	-	5	-	14	61	72	26	-	$20 327	$20 334	147	$20 433
NATURAL SCIENTISTS	131	-	9	13	15	35	27	32	-	$18 750	$19 103	107	$20 727
HEALTH DIAGNOSING OCCUPATIONS	188	-	-	-	5	38	11	101	33	$33 909	$37 558	113	$36 030
PHYSICIANS	140	-	-	-	5	33	11	70	21	$33 510	$37 036	99	$38 160
DENTISTS	48	-	-	-	-	5	-	31	12	$35 119	$39 082	14	$30 337
OTHER HEALTH DIAGNOSING PRACTITIONERS	-	-	-	-	-	-	-	-	-	-	-	-	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	207	31	24	23	60	18	40	5	6	$11 962	$12 709	126	$15 302
REGISTERED NURSES	39	-	3	-	10	8	7	5	6	$18 786	$21 967	29	$22 059
PHARMACISTS	63	9	9	-	7	5	33	-	-	$20 033	$14 571	40	$20 336
THERAPISTS	72	16	12	6	33	5	-	-	-	$10 364	$8 313	44	$12 330
TEACHERS, LIBRARIANS, AND COUNSELORS	1 249	61	188	154	286	321	129	110	-	$13 623	$13 506	569	$15 799
TEACHERS, POSTSECONDARY	302	7	53	12	38	88	38	66	-	$16 790	$16 911	173	$19 312
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	398	38	64	51	97	108	32	8	-	$12 744	$11 553	106	$13 493
TEACHERS, SECONDARY	197	-	10	27	54	86	7	13	-	$15 191	$14 153	81	$15 997
SOCIAL SCIENTISTS AND URBAN PLANNERS	89	6	-	24	28	14	7	10	-	$12 905	$13 709	54	$14 795
SOCIAL AND RECREATION WORKERS	483	43	86	75	156	103	13	7	-	$10 815	$10 397	342	$12 466
RELIGIOUS WORKERS	105	-	-	23	38	20	8	16	-	$13 702	$15 893	76	$14 482
LAWYERS AND JUDGES	243	-	11	15	24	-	49	144	-	$32 951	$30 217	148	$27 086
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	539	105	174	64	67	55	11	63	-	$5 712	$9 234	170	$17 634
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	8 759	905	1 329	1 905	2 092	1 490	639	399	-	$10 509	$11 046	5 459	$13 348
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	1 587	106	260	271	430	303	124	93	-	$11 469	$11 860	995	$14 402
HEALTH TECHNOLOGISTS AND TECHNICIANS	208	-	49	55	40	37	14	13	-	$10 000	$11 712	129	$11 618
LICENSED PRACTICAL NURSES	16	-	-	10	6	-	-	-	-	$9 600	$9 549	10	$9 000
ENGINEERING AND SCIENCE TECHNICIANS	841	89	110	141	230	162	72	37	-	$11 288	$11 614	541	$13 904
ELECTRICAL AND ELECTRONIC TECHNICIANS	282	28	47	57	63	33	23	31	-	$10 439	$11 880	162	$13 882
DRAFTING AND SURVEYING TECHNICIANS	278	32	44	35	92	47	28	-	-	$11 037	$11 007	192	$13 114
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	538	17	101	75	160	104	38	43	-	$12 573	$12 302	325	$15 210
AIRPLANE PILOTS AND NAVIGATORS	11	-	-	6	5	-	-	-	-	$7 833	$8 641	5	$11 000
COMPUTER PROGRAMMERS	264	-	65	52	73	37	6	31	-	$12 000	$12 027	162	$14 486
SALES OCCUPATIONS	2 092	293	289	537	397	295	157	124	-	$9 381	$10 589	1 316	$12 483
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	260	15	37	36	71	78	10	13	-	$12 714	$12 303	192	$14 174
SELF-EMPLOYED	87	15	12	14	17	22	-	7	-	$10 500	$10 602	60	$11 600
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	361	66	15	90	50	63	35	42	-	$12 458	$12 573	253	$15 087
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	280	-	5	49	50	84	48	44	-	$16 602	$16 797	225	$17 692
SALES WORKERS, RETAIL AND PERSONAL SERVICES	1 177	212	232	354	226	70	64	19	-	$7 389	$8 074	632	$10 376
CASHIERS	393	70	101	144	44	20	6	8	-	$6 586	$7 136	172	$9 200
SALES RELATED OCCUPATIONS	14	-	-	8	-	-	-	6	-	$7 750	$14 819	14	$7 750

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MASSACHUSETTS

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
BLACK													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	5 080	506	780	1 097	1 265	892	358	182	-	$10 575	$10 980	3 148	$13 314
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	526	-	27	70	139	143	73	74	-	$15 634	$16 033	402	$17 252
COMPUTER EQUIPMENT OPERATORS	347	8	64	71	170	23	11	-	-	$10 968	$10 297	235	$11 982
SECRETARIES, STENOGRAPHERS, AND TYPISTS	67	7	7	7	40	4	2	-	-	$11 042	$9 819	30	$11 250
SECRETARIES	46	7	7	7	23	-	2	-	-	$10 571	$8 311	9	$11 286
RECEPTIONISTS	51	21	17	13	-	-	-	-	-	$2 450	$3 674	-	-
FILE CLERKS	85	6	6	27	19	7	8	12	-	$10 368	$11 989	63	$10 895
FINANCIAL RECORDS PROCESSING OCCUPATIONS	310	7	56	124	100	18	5	-	-	$9 220	$9 317	193	$9 849
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	264	7	45	118	71	18	5	-	-	$9 000	$9 322	168	$9 642
TELEPHONE OPERATORS	43	6	21	9	7	-	-	-	-	$4 389	$5 522	16	$9 778
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	770	51	63	77	100	311	142	26	-	$15 927	$14 830	613	$16 491
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	1 070	71	172	291	328	176	26	6	-	$10 016	$9 987	685	$12 069
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	40	7	-	5	12	16	-	-	-	$12 829	$11 232	17	$15 229
BANK TELLERS	61	12	-	24	14	-	11	-	-	$7 947	$10 400	43	$12 502
DATA-ENTRY KEYERS	33	-	16	7	6	4	-	-	-	$8 143	$8 286	22	$9 714
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	1 677	310	331	372	330	190	80	64	-	$7 787	$9 135	829	$12 769
SERVICE OCCUPATIONS	8 822	1 207	1 860	2 654	1 804	930	204	149	14	$7 874	$8 552	4 961	$10 423
PRIVATE HOUSEHOLD OCCUPATIONS	39	23	3	5	-	8	-	-	-	$1,000-	$4 538	8	$15 439
PROTECTIVE SERVICE OCCUPATIONS	2 101	208	331	518	371	441	137	95	-	$9 950	$11 170	1 392	$13 884
FIREFIGHTING OCCUPATIONS	249	7	12	17	26	128	50	9	-	$16 602	$16 397	221	$17 103
POLICE AND DETECTIVES, PUBLIC SERVICE	359	-	11	71	43	127	52	55	-	$16 536	$17 762	281	$17 208
GUARDS	1 231	180	294	403	209	115	14	16	-	$7 204	$7 673	670	$9 493
OTHER PROTECTIVE SERVICE OCCUPATIONS	262	21	14	27	93	71	21	15	-	$13 670	$13 606	220	$14 788
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	6 682	976	1 526	2 131	1 433	481	67	54	14	$7 433	$7 752	3 561	$9 810
FOOD PREPARATION AND SERVICE OCCUPATIONS	1 737	326	422	509	319	118	16	13	14	$6 840	$7 593	890	$9 410
WAITERS AND FOOD COUNTER WORKERS	120	37	54	6	12	11	-	-	-	$3 793	$4 914	23	$11 917
COOKS	656	103	96	224	179	32	16	6	-	$8 224	$8 313	408	$9 511
HEALTH SERVICE OCCUPATIONS	1 026	130	172	406	255	55	-	8	-	$7 811	$7 965	617	$9 644
NURSING AIDES, ORDERLIES, AND ATTENDANTS	862	97	155	344	219	39	-	8	-	$7 836	$7 970	517	$9 551
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	3 299	438	790	978	763	267	35	28	-	$7 550	$7 800	1 758	$10 123
PERSONAL SERVICE OCCUPATIONS	620	82	142	238	96	41	16	5	-	$7 607	$7 597	296	$9 753
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	176	-	55	61	49	-	6	5	-	$7 692	$8 577	94	$10 650
FARMING, FORESTRY, AND FISHING OCCUPATIONS	354	92	66	112	54	9	7	14	-	$6 481	$7 309	160	$8 667
FARM OPERATORS AND MANAGERS	14	-	14	-	-	-	-	-	-	$3 778	$3 378	5	$4 500
FARM OCCUPATIONS, EXCEPT MANAGERIAL	15	-	-	-	8	-	7	-	-	$14 700	$15 765	15	$14 700
RELATED AGRICULTURAL OCCUPATIONS	303	92	44	112	39	9	-	7	-	$6 392	$6 511	120	$7 893
FORESTRY AND FISHING OCCUPATIONS	22	-	8	-	7	-	-	7	-	$12 969	$15 037	20	$13 373
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	6 651	333	514	1 270	1 947	1 610	598	372	7	$12 694	$13 222	4 499	$14 372
MECHANICS AND REPAIRERS	2 043	94	198	479	582	438	156	89	7	$11 491	$13 113	1 411	$13 269
AUTOMOBILE MECHANICS, INCLUDING BODY	861	49	98	248	298	121	41	6	-	$10 406	$10 293	596	$11 410
AIRCRAFT MECHANICS	35	-	-	-	3	5	20	-	7	$21 486	$73 541	30	$22 041
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	67	-	13	8	14	13	10	9	-	$11 786	$14 489	32	$21 053
OTHER MECHANICS AND REPAIRERS	1 080	45	87	223	267	299	85	74	-	$12 853	$13 317	753	$15 159
CONSTRUCTION TRADES	1 915	124	146	354	583	432	168	108	-	$12 810	$12 705	1 129	$14 020
CARPENTERS	544	90	48	97	194	91	24	-	-	$10 937	$9 847	275	$12 011
ELECTRICIANS	243	15	14	66	34	44	31	39	-	$13 461	$14 004	142	$16 282
PAINTERS, CONSTRUCTION AND MAINTENANCE	238	5	34	85	54	42	9	9	-	$9 857	$11 026	145	$11 875
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	272	5	20	28	89	59	49	22	-	$14 645	$15 244	192	$16 571
OTHER CONSTRUCTION TRADES	618	9	30	78	212	196	55	38	-	$14 444	$14 239	375	$15 108
EXTRACTIVE OCCUPATIONS	11	-	-	5	-	6	-	-	-	$15 060	$12 278	11	$15 060
PRECISION PRODUCTION OCCUPATIONS	2 682	115	170	432	782	734	274	175	-	$13 651	$13 678	1 948	$15 195
SUPERVISORS, PRODUCTION OCCUPATIONS	925	39	21	73	264	267	141	120	-	$15 834	$16 115	800	$15 925
MANUFACTURING	720	39	-	61	194	229	105	92	-	$15 972	$16 393	612	$15 934
PRECISION METALWORKING OCCUPATIONS	1 079	54	94	199	370	256	75	31	-	$11 774	$12 074	717	$13 150
TOOL AND DIE MAKERS	136	-	27	48	48	-	13	-	-	$7 708	$9 304	44	$7 500
MACHINISTS	772	54	48	140	287	188	37	18	-	$11 684	$11 856	548	$12 356
SHEET METAL WORKERS	107	-	12	6	22	35	19	13	-	$16 373	$16 044	83	$17 862
OTHER PRECISION METAL WORKERS	64	-	7	5	13	33	6	-	-	$15 463	$13 949	42	$15 155
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	24	-	4	13	7	-	-	-	-	$8 333	$9 047	17	$9 500
PLANT AND SYSTEM OPERATORS	108	8	-	-	16	32	28	24	-	$19 552	$18 196	67	$21 447
OTHER PRECISION PRODUCTION OCCUPATIONS	546	14	51	147	125	179	30	-	-	$12 700	$12 031	347	$15 035

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, 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

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
BLACK													
OPERATORS, FABRICATORS, AND LABORERS	10 905	908	1 729	2 580	2 827	1 902	711	223	25	$10 362	$10 874	6 515	$12 661
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	5 813	409	774	1 506	1 832	1 003	226	46	17	$10 561	$10 639	3 674	$12 226
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	3 795	243	527	982	1 191	627	175	33	17	$10 650	$10 803	2 482	$12 233
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	365	22	44	38	144	94	23	-	-	$12 694	$11 824	232	$13 802
PRINTING MACHINE OPERATORS	314	6	36	48	79	87	39	7	12	$14 315	$15 161	221	$15 208
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	532	38	121	240	104	19	5	5	-	$7 877	$8 043	329	$9 144
TEXTILE MACHINE OPERATORS	137	7	40	21	64	-	5	-	-	$10 032	$9 182	69	$11 387
TEXTILE SEWING MACHINE OPERATORS	57	9	9	26	-	8	-	5	-	$8 278	$9 168	25	$15 178
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	184	22	23	106	26	7	-	-	-	$8 543	$7 535	134	$9 160
OTHER SPECIFIED MACHINE OPERATORS	842	73	83	203	283	138	57	-	5	$11 069	$11 114	611	$12 096
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	1 742	104	243	453	581	289	51	21	-	$10 645	$10 495	1 089	$12 429
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	380	47	45	80	130	53	20	5	-	$10 857	$10 397	221	$13 214
MACHINE OPERATORS, NOT SPECIFIED	1 362	57	198	373	451	236	31	16	-	$10 596	$10 523	868	$12 152
INDUSTRY:													
MANUFACTURING	1 596	97	197	443	528	259	51	21	-	$10 610	$10 588	1 011	$12 331
NONDURABLE GOODS	585	65	41	160	197	96	14	12	-	$10 964	$10 586	317	$13 308
FOOD AND KINDRED PRODUCTS	78	-	-	44	13	15	-	6	-	$9 643	$12 561	58	$12 917
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	14	-	-	-	14	-	-	-	-	$12 272	$13 505	14	$12 272
PAPER AND ALLIED PRODUCTS	152	18	8	34	54	38	-	-	-	$12 507	$10 644	87	$14 323
OTHER NONDURABLE GOODS	341	47	33	82	116	43	14	6	-	$10 327	$9 988	158	$12 803
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	1 011	32	156	283	331	163	37	9	-	$10 476	$10 589	694	$11 742
METAL INDUSTRIES	224	6	24	60	88	35	11	-	-	$11 419	$11 138	170	$12 271
MACHINERY, INCLUDING ELECTRICAL	163	14	6	33	74	31	-	5	-	$12 059	$11 812	138	$12 607
TRANSPORTATION EQUIPMENT	149	-	74	24	18	33	-	-	-	$6 083	$8 085	63	$15 032
OTHER DURABLE GOODS	475	12	52	166	151	64	26	4	-	$10 217	$10 696	323	$10 636
NONMANUFACTURING INDUSTRIES	146	7	46	10	53	30	-	-	-	$11 000	$9 485	78	$13 234
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	43	-	-	-	36	7	-	-	-	$12 873	$13 740	36	$13 189
WHOLESALE AND RETAIL TRADE	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER INDUSTRIES	103	7	46	10	17	23	-	-	-	$5 929	$7 708	42	$12 000
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	1 675	166	198	440	517	300	47	7	-	$10 232	$10 140	958	$11 960
WELDERS AND CUTTERS	718	70	89	137	237	174	11	-	-	$11 068	$10 681	431	$13 372
ASSEMBLERS	937	96	109	283	280	126	36	7	-	$9 717	$9 789	519	$11 000
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	20	-	-	20	-	-	-	-	-	$7 667	$7 165	8	$7 000
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	343	-	49	84	124	76	4	6	-	$11 974	$11 264	234	$12 963
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	2 542	134	347	471	486	607	342	147	8	$12 721	$13 598	1 703	$15 492
MOTOR VEHICLE OPERATORS	2 056	123	310	399	340	432	297	147	8	$12 607	$13 751	1 373	$15 737
TRUCK DRIVERS AND DRIVER-SALES WORKERS	979	74	91	132	161	248	181	84	8	$15 422	$16 260	730	$16 295
BUS DRIVERS	546	5	39	121	57	160	101	63	-	$16 126	$15 129	388	$18 131
RAIL AND WATER TRANSPORTATION OCCUPATIONS	72	-	-	-	15	35	22	-	-	$17 235	$17 326	50	$16 108
MATERIAL MOVING EQUIPMENT OPERATORS	414	11	37	72	131	140	23	-	-	$11 851	$12 192	280	$13 043
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	35	-	-	-	7	28	-	-	-	$15 306	$16 540	28	$15 439
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	2 550	365	608	603	509	292	143	30	-	$8 052	$8 696	1 138	$11 675
CONSTRUCTION LABORERS	541	30	115	140	121	70	39	26	-	$9 574	$10 895	173	$14 584
FREIGHT, STOCK, AND MATERIAL HANDLERS	720	95	176	189	90	125	41	4	-	$7 780	$8 826	367	$11 868
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	71	26	5	21	11	-	8	-	-	$8 429	$7 338	31	$10 636
HAND PACKERS AND PACKAGERS	268	56	52	74	79	7	-	-	-	$6 897	$6 602	124	$10 067
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	323	54	67	40	102	27	33	-	-	$10 015	$8 997	176	$11 826
LABORERS, EXCEPT CONSTRUCTION	627	104	193	139	106	63	22	-	-	$6 892	$7 542	267	$11 705
MANUFACTURING	222	29	68	52	46	27	-	-	-	$7 333	$7 553	78	$13 130
NONDURABLE GOODS	76	15	17	11	16	17	-	-	-	$9 091	$8 324	40	$13 304
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	146	14	51	41	30	10	-	-	-	$6 762	$7 152	38	$12 986
METAL INDUSTRIES	30	6	-	14	6	4	-	-	-	$8 333	$8 505	10	$9 667
NONMANUFACTURING INDUSTRIES	405	75	125	87	60	36	22	-	-	$6 313	$7 536	189	$11 079
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	124	9	31	41	15	6	22	-	-	$8 643	$10 046	66	$12 419
WHOLESALE AND RETAIL TRADE	122	29	39	17	14	23	-	-	-	$5 417	$6 886	54	$11 000
ALL OTHER INDUSTRIES	159	37	55	29	31	7	-	-	-	$4 656	$6 077	69	$10 467
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	20	-	8	5	7	-	-	-	-	$8 800	$8 355	8	$4 500

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, 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

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
BLACK													
FEMALE EXPERIENCED CIVILIAN LABOR FORCE	42 169	5 546	9 663	12 467	9 661	3 294	1 047	438	53	$7 934	$8 274	22 146	$10 117
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	8 467	645	1 062	1 515	2 555	1 643	706	341	-	$11 684	$11 871	4 653	$13 312
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	2 858	208	251	499	915	580	251	154	-	$12 313	$12 790	2 062	$13 747
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	160	-	11	21	57	20	10	41	-	$14 180	$17 648	118	$17 620
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	350	-	33	21	143	76	29	48	-	$13 562	$15 403	247	$13 981
MANAGERS, MEDICINE AND HEALTH	109	6	9	16	42	36	-	-	-	$12 515	$11 591	77	$11 833
OTHER SPECIFIED MANAGERS	293	20	9	38	104	77	22	23	-	$12 758	$13 730	199	$15 645
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	831	127	134	131	171	118	108	42	-	$11 022	$11 437	500	$14 156
MANUFACTURING	88	8	6	19	28	16	4	7	-	$12 569	$12 280	60	$12 860
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	81	7	-	-	7	10	32	25	-	$21 939	$20 915	67	$21 828
WHOLESALE AND RETAIL TRADE	128	26	43	45	14	-	-	-	-	$5 583	$5 705	58	$8 846
ALL OTHER INDUSTRIES	534	86	85	67	122	92	72	10	-	$11 415	$11 235	315	$14 343
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	16	-	-	9	7	-	-	-	-	$9 778	$11 411	16	$9 778
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING	16	-	-	9	7	-	-	-	-	$9 778	$11 411	16	$9 778
WHOLESALE AND RETAIL TRADE	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER INDUSTRIES	-	-	-	-	-	-	-	-	-	-	-	-	-
MANAGEMENT RELATED OCCUPATIONS	1 099	55	55	263	391	253	82	-	-	$12 126	$12 160	905	$13 010
ACCOUNTANTS AND AUDITORS	328	13	32	72	120	62	29	-	-	$12 106	$11 928	229	$13 281
BUYERS AND PURCHASING AGENTS	101	27	-	14	37	23	-	-	-	$10 905	$9 572	71	$12 084
PROFESSIONAL SPECIALTY OCCUPATIONS	5 609	437	811	1 016	1 640	1 063	455	187	-	$11 350	$11 403	2 591	$12 939
ENGINEERS, ARCHITECTS, AND SURVEYORS	50	-	6	-	7	19	18	-	-	$17 542	$15 227	44	$18 460
ARCHITECTS	14	-	-	-	-	-	14	-	-	$20 453	$20 005	14	$20 453
ENGINEERS	36	-	6	-	7	19	4	-	-	$15 617	$13 368	30	$16 092
ELECTRICAL AND ELECTRONIC ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-	-
MECHANICAL ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER ENGINEERS	36	-	6	-	7	19	4	-	-	$15 617	$13 368	30	$16 092
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	80	-	-	12	-	55	-	13	-	$16 450	$17 714	69	$16 678
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	39	-	-	8	-	26	-	5	-	$16 137	$17 161	32	$16 158
NATURAL SCIENTISTS	20	-	-	14	-	6	-	-	-	$8 667	$11 595	12	$12 500
HEALTH DIAGNOSING OCCUPATIONS	64	6	-	15	4	13	-	26	-	$17 260	$19 188	44	$18 934
PHYSICIANS	45	6	-	15	-	13	-	11	-	$15 361	$15 132	25	$16 280
DENTISTS	19	-	-	-	4	-	-	15	-	$30 597	$28 794	19	$30 597
OTHER HEALTH DIAGNOSING PRACTITIONERS	-	-	-	-	-	-	-	-	-	-	-	-	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	1 298	60	182	220	489	202	116	29	-	$11 685	$11 586	767	$12 650
REGISTERED NURSES	969	35	104	176	340	169	116	29	-	$12 363	$12 528	600	$13 371
PHARMACISTS	3	-	-	-	3	-	-	-	-	$11 000	$10 005	-	-
THERAPISTS	139	5	22	33	57	22	-	-	-	$10 679	$9 603	65	$12 343
TEACHERS, LIBRARIANS, AND COUNSELORS	2 800	247	385	507	674	683	236	68	-	$11 596	$11 515	962	$12 670
TEACHERS, POSTSECONDARY	315	23	45	76	46	68	48	9	-	$11 929	$11 667	128	$15 916
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	1 462	150	168	216	335	431	156	6	-	$12 578	$11 937	408	$14 061
TEACHERS, SECONDARY	281	10	45	42	80	87	17	-	-	$12 401	$11 805	54	$10 519
SOCIAL SCIENTISTS AND URBAN PLANNERS	94	-	28	18	25	4	19	-	-	$10 125	$11 049	43	$16 603
SOCIAL AND RECREATION WORKERS	841	76	147	175	355	56	25	7	-	$10 216	$9 304	463	$11 816
RELIGIOUS WORKERS	6	-	6	-	-	-	-	-	-	$4 500	$4 005	-	-
LAWYERS AND JUDGES	86	7	13	9	11	-	12	34	-	$21 021	$16 75[illegible]	46	$25 271
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	270	41	44	46	75	25	29	10	-	$10 286	$10 043	141	$14 307
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	16 992	2 445	3 844	5 352	4 048	1 022	208	51	22	$7 912	$7 768	9 094	$9 964
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	1 578	84	353	350	556	182	35	18	-	$10 015	$9 540	873	$12 173
HEALTH TECHNOLOGISTS AND TECHNICIANS	963	64	185	226	362	113	13	-	-	$10 073	$9 282	524	$11 758
LICENSED PRACTICAL NURSES	558	42	124	121	199	66	6	-	-	$9 733	$9 075	281	$11 698
ENGINEERING AND SCIENCE TECHNICIANS	261	3	114	73	65	-	6	-	-	$7 000	$7 051	119	$10 370
ELECTRICAL AND ELECTRONIC TECHNICIANS	50	-	16	26	8	-	-	-	-	$8 692	$8 128	23	$9 533
DRAFTING AND SURVEYING TECHNICIANS	58	3	22	11	16	-	6	-	-	$6 727	$8 127	33	$10 688
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	354	17	54	51	129	69	16	18	-	$12 293	$12 080	230	$14 404
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	135	-	29	22	35	39	10	-	-	$12 862	$12 133	87	$15 327
SALES OCCUPATIONS	2 025	514	747	419	254	73	18	-	-	$4 410	$5 475	719	$8 588
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	118	8	8	60	14	28	-	-	-	$7 955	$9 347	90	$9 625
SELF-EMPLOYED	18	8	-	-	-	10	-	-	-	$15 072	$10 309	10	$15 439
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	224	21	20	55	117	5	6	-	-	$10 533	$9 407	114	$11 935
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	46	13	-	-	22	11	-	-	-	$12 000	$9 468	33	$13 268
SALES WORKERS, RETAIL AND PERSONAL SERVICES	1 637	472	719	304	101	29	12	-	-	$3 634	$4 546	482	$7 392
CASHIERS	708	254	329	93	26	-	6	-	-	$2 769	$3 614	138	$6 645
SALES RELATED OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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MASSACHUSETTS

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
BLACK													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	13 389	1 847	2 744	4 583	3 238	767	155	33	22	$8 158	$7 906	7 502	$9 822
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	677	15	56	216	244	106	32	8	-	$10 963	$11 473	451	$11 744
COMPUTER EQUIPMENT OPERATORS	301	13	36	89	132	22	-	9	-	$10 391	$10 228	233	$10 891
SECRETARIES, STENOGRAPHERS, AND TYPISTS	3 877	569	734	1 398	964	184	22	6	-	$8 147	$7 564	2 199	$9 667
SECRETARIES	2 781	369	477	997	792	139	7	-	-	$8 554	$7 885	1 666	$9 812
RECEPTIONISTS	446	125	121	135	56	4	-	5	-	$5 465	$5 650	156	$8 400
FILE CLERKS	523	119	171	154	72	7	-	-	-	$4 912	$5 488	230	$7 887
FINANCIAL RECORDS PROCESSING OCCUPATIONS	1 004	46	211	372	351	24	-	-	-	$8 724	$8 209	668	$9 825
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	710	-	164	263	259	24	-	-	-	$8 875	$8 544	474	$10 308
TELEPHONE OPERATORS	234	28	8	93	90	8	7	-	-	$9 613	$9 499	119	$10 529
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	363	21	110	72	35	84	41	-	-	$9 085	$10 375	226	$14 745
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	293	37	50	78	67	47	14	-	-	$7 700	$9 351	138	$13 002
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	243	19	34	91	68	31	-	-	-	$9 196	$8 913	154	$11 333
BANK TELLERS	381	83	95	168	35	-	-	-	-	$6 446	$5 900	221	$8 575
DATA-ENTRY KEYERS	966	105	208	391	248	14	-	-	-	$8 246	$7 256	550	$9 423
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	4 081	667	910	1 326	876	236	39	5	22	$7 682	$7 815	2 157	$9 839
SERVICE OCCUPATIONS	10 054	1 781	3 187	3 351	1 509	146	41	23	16	$6 063	$6 181	4 640	$8 466
PRIVATE HOUSEHOLD OCCUPATIONS	708	213	351	111	33	-	-	-	-	$3 473	$3 853	208	$5 069
PROTECTIVE SERVICE OCCUPATIONS	358	78	93	91	51	12	26	7	-	$6 410	$8 097	164	$9 962
FIREFIGHTING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
POLICE AND DETECTIVES, PUBLIC SERVICE	64	8	8	10	6	12	20	-	-	$15 000	$13 363	56	$16 277
GUARDS	258	70	85	81	15	-	-	7	-	$5 161	$5 866	80	$8 810
OTHER PROTECTIVE SERVICE OCCUPATIONS	36	-	-	-	30	-	6	-	-	$13 082	$14 725	28	$13 267
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	8 988	1 490	2 743	3 149	1 425	134	15	16	16	$6 301	$6 288	4 268	$8 542
FOOD PREPARATION AND SERVICE OCCUPATIONS	1 317	434	398	366	110	-	-	-	9	$3 545	$4 983	413	$8 231
WAITERS AND FOOD COUNTER WORKERS	431	164	166	68	33	-	-	-	-	$2 510	$3 697	85	$7 909
COOKS	335	49	130	142	14	-	-	-	-	$5 652	$5 157	122	$7 316
HEALTH SERVICE OCCUPATIONS	4 278	443	1 048	1 644	1 012	101	15	8	7	$7 550	$7 373	2 422	$9 095
NURSING AIDES, ORDERLIES, AND ATTENDANTS	3 723	321	866	1 493	932	96	7	8	-	$7 853	$7 485	2 185	$9 178
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	1 604	251	534	606	207	6	-	-	-	$6 099	$5 939	862	$7 990
PERSONAL SERVICE OCCUPATIONS	1 789	362	763	533	96	27	-	8	-	$4 694	$4 963	571	$7 543
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	145	33	39	41	4	20	-	8	-	$6 033	$6 986	25	$6 786
FARMING, FORESTRY, AND FISHING OCCUPATIONS	21	6	12	3	-	-	-	-	-	$4 900	$4 248	8	$4 800
FARM OPERATORS AND MANAGERS	-	-	-	-	-	-	-	-	-	-	-	-	-
FARM OCCUPATIONS, EXCEPT MANAGERIAL	5	-	5	-	-	-	-	-	-	$4 500	$4 125	5	$4 500
RELATED AGRICULTURAL OCCUPATIONS	16	6	7	3	-	-	-	-	-	$5 286	$4 286	3	$9 000
FORESTRY AND FISHING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	781	110	187	198	183	72	12	10	9	$7 406	$8 749	439	$10 900
MECHANICS AND REPAIRERS	155	14	56	23	33	20	-	-	9	$8 278	$11 342	94	$11 875
AUTOMOBILE MECHANICS, INCLUDING BODY	8	8	-	-	-	-	-	-	-	$1,000-	$605	-	-
AIRCRAFT MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER MECHANICS AND REPAIRERS	147	6	56	23	33	20	-	-	9	$8 722	$11 927	94	$11 875
CONSTRUCTION TRADES	32	8	8	-	16	-	-	-	-	$6 500	$6 776	16	$12 050
CARPENTERS	4	-	-	-	4	-	-	-	-	$12 272	$12 005	4	$12 272
ELECTRICIANS	-	-	-	-	-	-	-	-	-	-	-	-	-
PAINTERS, CONSTRUCTION AND MAINTENANCE	8	-	8	-	-	-	-	-	-	$2 500	$2 725	-	-
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER CONSTRUCTION TRADES	20	8	-	-	12	-	-	-	-	$10 571	$7 351	12	$11 714
EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	594	88	123	175	134	52	12	10	-	$7 344	$8 179	329	$9 969
SUPERVISORS, PRODUCTION OCCUPATIONS	269	10	25	93	72	47	12	10	-	$10 722	$11 112	175	$12 897
MANUFACTURING	198	10	18	57	51	40	12	10	-	$12 387	$11 708	129	$14 534
PRECISION METALWORKING OCCUPATIONS	94	20	46	6	22	-	-	-	-	$4 789	$5 390	50	$5 000
TOOL AND DIE MAKERS	-	-	-	-	-	-	-	-	-	-	-	-	-
MACHINISTS	73	11	34	6	22	-	-	-	-	$5 433	$6 237	44	$5 750
SHEET METAL WORKERS	6	-	6	-	-	-	-	-	-	$2 500	$2 805	-	-
OTHER PRECISION METAL WORKERS	15	9	6	-	-	-	-	-	-	$1 833	$2 301	6	$3 500
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	55	23	26	6	-	-	-	-	-	$2 237	$2 396	8	$2 500
PLANT AND SYSTEM OPERATORS	9	-	-	4	-	5	-	-	-	$15 072	$13 172	5	$15 439
OTHER PRECISION PRODUCTION OCCUPATIONS	167	35	26	66	40	-	-	-	-	$7 023	$6 661	91	$9 500

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, 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

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
BLACK													
OPERATORS, FABRICATORS, AND LABORERS	5 849	559	1 366	2 048	1 366	411	80	13	6	$7 719	$8 089	3 312	$9 533
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	4 807	463	976	1 788	1 171	358	32	13	6	$7 935	$8 211	2 785	$9 573
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	2 500	211	551	1 045	502	157	25	9	-	$7 689	$7 946	1 403	$8 866
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	69	13	5	26	13	12	-	-	-	$8 273	$7 840	53	$9 727
PRINTING MACHINE OPERATORS	47	-	21	6	20	-	-	-	-	$8 833	$7 820	47	$8 833
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	977	90	304	469	93	12	-	9	-	$6 580	$6 484	491	$7 576
TEXTILE MACHINE OPERATORS	25	-	-	19	6	-	-	-	-	$8 917	$8 413	23	$8 900
TEXTILE SEWING MACHINE OPERATORS	575	27	189	305	42	12	-	-	-	$6 722	$6 596	315	$7 549
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	171	59	52	38	22	-	-	-	-	$4 367	$4 754	78	$7 143
OTHER SPECIFIED MACHINE OPERATORS	273	23	34	112	75	29	-	-	-	$8 898	$8 747	158	$9 556
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	1 134	85	187	432	301	104	25	-	-	$8 895	$9 024	654	$9 671
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	373	24	64	165	80	32	8	-	-	$8 813	$8 914	150	$9 516
MACHINE OPERATORS, NOT SPECIFIED	761	61	123	267	221	72	17	-	-	$8 963	$9 078	504	$9 759
INDUSTRY:													
MANUFACTURING	1 039	85	174	382	269	104	25	-	-	$8 848	$9 028	591	$9 627
NONDURABLE GOODS	249	22	31	100	67	29	-	-	-	$9 017	$8 865	136	$9 520
FOOD AND KINDRED PRODUCTS	7	-	-	-	-	7	-	-	-	$15 439	$15 985	-	-
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	12	-	-	12	-	-	-	-	-	$7 000	$6 605	6	$7 000
PAPER AND ALLIED PRODUCTS	70	7	-	39	18	6	-	-	-	$9 353	$9 478	68	$9 412
OTHER NONDURABLE GOODS	160	15	31	49	49	16	-	-	-	$8 750	$8 455	62	$10 154
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	790	63	143	282	202	75	25	-	-	$8 784	$9 079	455	$9 680
METAL INDUSTRIES	92	4	22	17	17	32	-	-	-	$12 404	$10 376	54	$15 115
MACHINERY, INCLUDING ELECTRICAL	335	24	62	162	67	12	8	-	-	$8 191	$8 376	194	$8 846
TRANSPORTATION EQUIPMENT	27	6	-	12	-	9	-	-	-	$7 250	$9 147	18	$6 500
OTHER DURABLE GOODS	336	29	59	91	118	22	17	-	-	$9 656	$9 420	189	$10 639
NONMANUFACTURING INDUSTRIES	95	-	13	50	32	-	-	-	-	$9 162	$8 979	63	$10 053
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	13	-	-	-	13	-	-	-	-	$12 272	$14 313	13	$12 272
WHOLESALE AND RETAIL TRADE	13	-	6	7	-	-	-	-	-	$6 143	$6 513	7	$7 000
ALL OTHER INDUSTRIES	69	-	7	43	19	-	-	-	-	$9 162	$8 438	43	$9 706
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	1 640	212	342	477	464	132	7	-	6	$8 141	$8 224	967	$10 379
WELDERS AND CUTTERS	43	-	8	9	-	26	-	-	-	$15 129	$12 106	35	$15 261
ASSEMBLERS	1 464	207	288	444	413	99	7	-	6	$8 135	$8 128	842	$10 293
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	133	5	46	24	51	7	-	-	-	$7 632	$8 023	90	$10 452
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	667	40	83	266	205	69	-	4	-	$8 856	$9 170	415	$10 662
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	322	44	131	53	72	22	-	-	-	$5 440	$6 963	138	$11 412
MOTOR VEHICLE OPERATORS	288	35	121	53	57	22	-	-	-	$5 200	$6 874	123	$10 529
TRUCK DRIVERS AND DRIVER-SALES WORKERS	40	8	4	13	9	6	-	-	-	$9 231	$8 438	40	$9 231
BUS DRIVERS	225	27	117	40	25	16	-	-	-	$4 716	$5 987	60	$9 333
RAIL AND WATER TRANSPORTATION OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	34	9	10	-	15	-	-	-	-	$5 800	$7 720	15	$12 272
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	7	-	-	-	7	-	-	-	-	$12 272	$14 505	7	$12 272
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	720	52	259	207	123	31	48	-	-	$6 742	$7 777	389	$8 629
CONSTRUCTION LABORERS	17	-	7	-	-	10	-	-	-	$15 110	$11 491	-	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	126	6	70	21	12	6	11	-	-	$5 316	$6 985	46	$6 533
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
HAND PACKERS AND PACKAGERS	398	31	128	126	66	10	37	-	-	$7 013	$7 904	258	$8 930
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	45	-	18	-	22	5	-	-	-	$11 500	$9 349	27	$12 853
LABORERS, EXCEPT CONSTRUCTION	134	15	36	60	23	-	-	-	-	$7 000	$7 146	58	$8 316
MANUFACTURING	65	5	7	30	23	-	-	-	-	$7 952	$8 343	34	$7 619
NONDURABLE GOODS	45	5	7	16	17	-	-	-	-	$8 778	$8 089	14	$10 000
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	20	-	-	14	6	-	-	-	-	$7 429	$8 914	20	$7 429
METAL INDUSTRIES	6	-	-	6	-	-	-	-	-	$7 000	$7 035	6	$7 000
NONMANUFACTURING INDUSTRIES	69	10	29	30	-	-	-	-	-	$5 719	$6 018	24	$8 737
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	5	-	5	-	-	-	-	-	-	$5 500	$5 725	5	$5 500
WHOLESALE AND RETAIL TRADE	39	4	24	11	-	-	-	-	-	$5 227	$5 945	11	$9 000
ALL OTHER INDUSTRIES	25	6	-	19	-	-	-	-	-	$7 182	$6 191	8	$9 000
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	5	-	5	-	-	-	-	-	-	$5 500	$5 985	-	-

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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MASSACHUSETTS

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
ASIAN AND PACIFIC ISLANDER													
MALE EXPERIENCED CIVILIAN LABOR FORCE	12 771	1 067	2 140	2 419	1 904	1 677	1 194	1 965	405	$11 871	$15 366	7 808	$16 527
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	5 496	186	453	480	782	861	777	1 572	385	$19 893	$22 636	3 905	$22 728
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	1 632	57	119	287	350	206	161	408	44	$15 055	$18 320	1 258	$17 877
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	32	-	-	-	14	5	7	6	-	$16 646	$17 938	25	$14 488
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	69	11	-	-	24	17	-	17	-	$14 909	$15 895	47	$14 900
MANAGERS, MEDICINE AND HEALTH	11	-	-	-	-	6	-	5	-	$19 316	$21 332	11	$19 316
OTHER SPECIFIED MANAGERS	116	-	-	22	27	12	4	42	9	$18 510	$23 074	89	$27 427
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	999	38	96	235	165	92	71	267	35	$13 970	$18 134	770	$17 606
MANUFACTURING	221	-	5	16	12	5	23	143	17	$30 291	$29 166	210	$30 667
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	13	-	-	-	-	-	6	7	-	$25 054	$26 159	7	$25 462
WHOLESALE AND RETAIL TRADE	424	12	49	176	105	43	12	15	12	$9 500	$11 987	340	$9 956
ALL OTHER INDUSTRIES	341	26	42	43	48	44	30	102	6	$16 053	$18 323	213	$23 741
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	78	-	-	21	15	17	18	7	-	$15 629	$16 462	66	$16 314
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING	-	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	59	-	-	15	7	12	18	7	-	$17 713	$18 260	52	$19 433
ALL OTHER INDUSTRIES	19	-	-	6	8	5	-	-	-	$10 875	$10 879	14	$10 250
MANAGEMENT RELATED OCCUPATIONS	327	8	23	9	105	57	61	64	-	$16 283	$18 092	250	$17 913
ACCOUNTANTS AND AUDITORS	164	-	18	9	67	31	13	26	-	$13 934	$15 446	117	$15 718
BUYERS AND PURCHASING AGENTS	28	-	-	-	15	7	6	-	-	$14 680	$16 095	19	$16 857
PROFESSIONAL SPECIALTY OCCUPATIONS	3 864	129	334	193	432	655	616	1 164	341	$21 252	$24 458	2 647	$24 427
ENGINEERS, ARCHITECTS, AND SURVEYORS	1 306	8	59	32	91	282	209	593	32	$24 167	$24 324	1 042	$25 831
ARCHITECTS	53	-	-	-	-	27	6	20	-	$19 847	$22 677	53	$19 847
ENGINEERS	1 253	8	59	32	91	255	203	573	32	$24 336	$24 393	989	$25 949
ELECTRICAL AND ELECTRONIC ENGINEERS	425	-	23	6	20	95	38	239	4	$25 659	$24 377	335	$26 465
MECHANICAL ENGINEERS	169	-	6	-	13	15	41	94	-	$26 149	$25 013	138	$28 160
OTHER ENGINEERS	659	8	30	26	58	145	124	240	28	$22 146	$24 244	516	$24 540
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	242	12	6	26	9	45	78	59	7	$21 021	$20 581	193	$22 358
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	161	12	6	18	5	13	75	32	-	$21 080	$18 806	131	$21 899
NATURAL SCIENTISTS	337	-	32	8	93	46	40	113	5	$18 602	$19 450	282	$19 715
HEALTH DIAGNOSING OCCUPATIONS	743	-	11	-	64	124	91	188	265	$35 767	$43 148	539	$35 449
PHYSICIANS	688	-	11	-	52	118	70	177	260	$38 602	$44 155	499	$38 373
DENTISTS	41	-	-	-	5	6	21	4	5	$21 462	$34 157	26	$21 290
OTHER HEALTH DIAGNOSING PRACTITIONERS	14	-	-	-	7	-	-	7	-	$20 000	$20 005	14	$20 000
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	70	5	8	9	25	16	7	-	-	$12 756	$11 673	44	$15 162
REGISTERED NURSES	3	-	-	3	-	-	-	-	-	$9 000	$8 005	-	-
PHARMACISTS	29	-	8	-	8	6	7	-	-	$13 698	$12 689	17	$18 274
THERAPISTS	22	5	-	-	17	-	-	-	-	$12 100	$9 336	17	$12 201
TEACHERS, LIBRARIANS, AND COUNSELORS	770	84	163	96	64	91	118	140	14	$13 574	$14 908	313	$22 019
TEACHERS, POSTSECONDARY	542	53	133	53	37	50	81	121	14	$14 529	$16 094	233	$23 815
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	80	8	-	24	-	16	25	7	-	$17 071	$14 728	38	$21 196
TEACHERS, SECONDARY	25	-	-	-	14	5	-	6	-	$14 488	$16 953	-	-
SOCIAL SCIENTISTS AND URBAN PLANNERS	116	-	6	14	35	19	21	16	5	$15 595	$17 429	75	$20 743
SOCIAL AND RECREATION WORKERS	13	-	8	-	5	-	-	-	-	$2 813	$5 082	5	$11 000
RELIGIOUS WORKERS	30	5	10	3	12	-	-	-	-	$6 500	$6 437	6	$11 000
LAWYERS AND JUDGES	25	-	-	-	-	-	-	25	-	$30 054	$28 163	25	$30 054
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	212	15	31	5	34	32	52	30	13	$17 942	$18 229	123	$21 531
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	2 626	208	572	336	556	412	275	254	13	$11 563	$12 708	1 468	$16 016
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	1 367	72	217	131	266	282	207	192	-	$14 943	$15 077	872	$17 855
HEALTH TECHNOLOGISTS AND TECHNICIANS	182	7	32	22	53	30	-	38	-	$12 727	$13 983	127	$14 937
LICENSED PRACTICAL NURSES	7	-	-	7	-	-	-	-	-	$7 000	$6 755	-	-
ENGINEERING AND SCIENCE TECHNICIANS	428	23	90	34	115	81	72	13	-	$12 515	$12 554	238	$16 227
ELECTRICAL AND ELECTRONIC TECHNICIANS	171	10	20	14	43	33	43	8	-	$14 429	$14 215	123	$16 152
DRAFTING AND SURVEYING TECHNICIANS	143	13	17	15	52	35	6	5	-	$12 954	$12 023	71	$15 480
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	757	42	95	75	98	171	135	141	-	$16 565	$16 768	507	$19 688
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	298	11	42	30	22	123	52	18	-	$16 142	$14 553	195	$18 101
SALES OCCUPATIONS	506	28	139	92	116	31	40	47	13	$9 727	$12 001	304	$12 000
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	160	7	8	27	41	25	19	27	6	$14 372	$16 537	144	$14 573
SELF-EMPLOYED	61	7	-	6	15	14	12	7	-	$15 629	$14 491	47	$15 575
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	62	-	-	20	20	-	-	15	7	$12 420	$20 328	35	$14 091
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	37	6	7	-	14	-	5	5	-	$11 571	$13 659	17	$21 074
SALES WORKERS, RETAIL AND PERSONAL SERVICES	247	15	124	45	41	6	16	-	-	$5 516	$6 724	108	$7 385
CASHIERS	124	-	79	38	7	-	-	-	-	$5 056	$5 010	64	$6 231
SALES RELATED OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-

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MASSACHUSETTS

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
ASIAN AND PACIFIC ISLANDER													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	753	108	216	113	174	99	28	15	-	$7 780	$8 881	292	$13 114
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	88	6	7	6	16	47	-	6	-	$15 373	$14 434	64	$15 221
COMPUTER EQUIPMENT OPERATORS	74	6	22	11	17	7	11	-	-	$7 636	$9 243	29	$17 019
SECRETARIES, STENOGRAPHERS, AND TYPISTS	56	9	16	5	7	-	10	9	-	$9 200	$14 076	24	$22 942
SECRETARIES	26	-	-	-	7	-	10	9	-	$22 400	$25 854	19	$24 600
RECEPTIONISTS	9	9	-	-	-	-	-	-	-	$1 500	$1 505	-	-
FILE CLERKS	29	14	15	-	-	-	-	-	-	$3 033	$2 426	-	-
FINANCIAL RECORDS PROCESSING OCCUPATIONS	71	6	-	11	47	7	-	-	-	$11 682	$10 835	47	$12 026
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	71	6	-	11	47	7	-	-	-	$11 682	$10 835	47	$12 026
TELEPHONE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	21	-	5	-	-	16	-	-	-	$15 276	$14 805	16	$15 439
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	72	7	42	12	11	-	-	-	-	$3 929	$5 227	17	$12 107
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	3	-	-	-	3	-	-	-	-	$11 000	$10 455	3	$11 000
BANK TELLERS	12	-	-	12	-	-	-	-	-	$9 000	$8 005	-	-
DATA-ENTRY KEYERS	13	-	-	-	7	6	-	-	-	$14 657	$14 666	7	$12 272
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	305	51	109	56	66	16	7	-	-	$5 250	$6 842	85	$10 067
SERVICE OCCUPATIONS	3 059	443	885	1 350	238	84	21	31	7	$6 457	$6 586	1 482	$7 754
PRIVATE HOUSEHOLD OCCUPATIONS	30	5	8	3	14	-	-	-	-	$7 333	$7 040	19	$7 000
PROTECTIVE SERVICE OCCUPATIONS	87	12	30	6	19	20	-	-	-	$6 500	$8 498	39	$15 018
FIREFIGHTING OCCUPATIONS	15	-	-	-	-	15	-	-	-	$15 439	$16 625	15	$15 439
POLICE AND DETECTIVES, PUBLIC SERVICE	15	-	-	-	10	5	-	-	-	$13 814	$14 672	15	$13 814
GUARDS	57	12	30	6	9	-	-	-	-	$4 735	$4 734	9	$11 000
OTHER PROTECTIVE SERVICE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	2 942	426	847	1 341	205	64	21	31	7	$6 454	$6 525	1 424	$7 695
FOOD PREPARATION AND SERVICE OCCUPATIONS	2 592	329	764	1 239	179	40	21	20	-	$6 492	$6 373	1 278	$7 530
WAITERS AND FOOD COUNTER WORKERS	523	72	163	248	32	8	-	-	-	$6 296	$5 869	219	$7 336
COOKS	1 189	113	319	635	89	13	-	20	-	$6 680	$6 721	675	$7 330
HEALTH SERVICE OCCUPATIONS	63	17	6	17	5	5	-	6	7	$7 545	$15 032	29	$18 160
NURSING AIDES, ORDERLIES, AND ATTENDANTS	35	-	6	11	-	5	-	6	7	$15 378	$22 988	18	$45 670
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	201	49	52	68	13	19	-	-	-	$5 967	$6 208	87	$8 906
PERSONAL SERVICE OCCUPATIONS	86	31	25	17	8	-	-	5	-	$3 857	$5 607	30	$9 765
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	-	-	-	-	-	-	-	-	-	-	-	-	-
FARMING, FORESTRY, AND FISHING OCCUPATIONS	32	-	8	10	-	-	14	-	-	$9 600	$12 193	32	$9 600
FARM OPERATORS AND MANAGERS	7	-	-	-	-	-	7	-	-	$20 453	$20 005	7	$20 453
FARM OCCUPATIONS, EXCEPT MANAGERIAL	-	-	-	-	-	-	-	-	-	-	-	-	-
RELATED AGRICULTURAL OCCUPATIONS	25	-	8	10	-	-	7	-	-	$8 900	$10 005	25	$8 900
FORESTRY AND FISHING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	655	62	79	76	107	177	46	108	-	$15 060	$14 572	448	$16 342
MECHANICS AND REPAIRERS	192	29	17	35	55	50	6	-	-	$10 938	$10 568	146	$12 631
AUTOMOBILE MECHANICS, INCLUDING BODY	72	24	10	10	15	13	-	-	-	$6 800	$7 314	38	$11 200
AIRCRAFT MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER MECHANICS AND REPAIRERS	120	5	7	25	40	37	6	-	-	$12 611	$12 521	108	$13 322
CONSTRUCTION TRADES	118	27	5	5	19	31	14	17	-	$15 312	$14 025	61	$20 121
CARPENTERS	22	8	-	-	7	-	7	-	-	$10 857	$10 760	14	$16 000
ELECTRICIANS	32	13	5	-	8	-	-	6	-	$5 600	$8 879	14	$14 403
PAINTERS, CONSTRUCTION AND MAINTENANCE	12	6	-	-	-	6	-	-	-	$8 000	$7 805	-	-
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	10	-	-	5	-	-	-	5	-	$16 500	$16 090	10	$16 500
OTHER CONSTRUCTION TRADES	42	-	-	-	4	25	7	6	-	$17 586	$20 941	23	$20 720
EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	345	6	57	36	33	96	26	91	-	$16 599	$16 987	241	$17 878
SUPERVISORS, PRODUCTION OCCUPATIONS	119	-	14	-	3	38	5	59	-	$24 428	$23 092	86	$21 799
MANUFACTURING	83	-	-	-	3	32	-	48	-	$30 169	$26 821	75	$27 303
PRECISION METALWORKING OCCUPATIONS	125	6	35	12	22	41	9	-	-	$12 537	$11 260	84	$15 445
TOOL AND DIE MAKERS	2	-	-	-	2	-	-	-	-	$12 272	$13 505	2	$12 272
MACHINISTS	104	6	21	12	20	41	4	-	-	$13 316	$11 439	77	$15 281
SHEET METAL WORKERS	8	-	8	-	-	-	-	-	-	$5 500	$5 805	-	-
OTHER PRECISION METAL WORKERS	11	-	6	-	-	-	5	-	-	$4 917	$13 132	5	$20 453
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	28	-	5	16	-	-	-	7	-	$7 125	$11 076	16	$7 778
PLANT AND SYSTEM OPERATORS	29	-	-	-	-	6	5	18	-	$25 154	$23 119	29	$25 154
OTHER PRECISION PRODUCTION OCCUPATIONS	44	-	3	8	8	11	7	7	-	$15 982	$16 466	26	$16 563

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, 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

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
ASIAN AND PACIFIC ISLANDER													
OPERATORS, FABRICATORS, AND LABORERS	903	168	143	167	221	143	61	-	-	$9 514	$9 283	473	$12 465
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	618	98	62	93	186	137	42	-	-	$11 098	$10 506	384	$13 001
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	395	43	46	42	142	91	31	-	-	$12 014	$11 168	290	$13 028
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	26	-	-	-	-	20	6	-	-	$17 185	$17 551	12	$15 439
PRINTING MACHINE OPERATORS	48	5	-	4	15	18	6	-	-	$15 000	$12 870	43	$15 346
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	102	7	25	11	47	12	-	-	-	$11 455	$9 391	74	$12 513
TEXTILE MACHINE OPERATORS	27	-	-	7	20	-	-	-	-	$12 016	$11 590	21	$12 119
TEXTILE SEWING MACHINE OPERATORS	9	-	5	-	4	-	-	-	-	$3 900	$7 449	4	$12 272
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	34	-	12	4	6	12	-	-	-	$12 383	$10 193	30	$13 267
OTHER SPECIFIED MACHINE OPERATORS	75	6	13	7	32	17	-	-	-	$11 917	$10 632	56	$12 999
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	144	25	8	20	48	24	19	-	-	$11 027	$10 987	105	$11 700
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	46	-	-	20	6	15	5	-	-	$13 319	$13 853	46	$13 319
MACHINE OPERATORS, NOT SPECIFIED	98	25	8	-	42	9	14	-	-	$10 865	$9 642	59	$11 500
INDUSTRY:													
MANUFACTURING	121	25	8	20	42	15	11	-	-	$10 484	$9 967	82	$11 167
NONDURABLE GOODS	44	17	8	-	19	-	-	-	-	$5 625	$6 064	26	$10 857
FOOD AND KINDRED PRODUCTS	-	-	-	-	-	-	-	-	-	-	-	-	-
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	8	-	8	-	-	-	-	-	-	$5 500	$5 075	-	-
PAPER AND ALLIED PRODUCTS	7	-	-	-	7	-	-	-	-	$11 000	$10 005	7	$11 000
OTHER NONDURABLE GOODS	29	17	-	-	12	-	-	-	-	$1 773	$5 386	19	$10 714
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	77	8	-	20	23	15	11	-	-	$11 235	$12 197	56	$11 600
METAL INDUSTRIES	5	-	-	-	-	-	5	-	-	$20 453	$21 005	5	$20 453
MACHINERY, INCLUDING ELECTRICAL	50	8	-	13	23	6	-	-	-	$10 471	$10 231	35	$10 900
TRANSPORTATION EQUIPMENT	6	-	-	-	-	-	6	-	-	$20 453	$21 375	-	-
OTHER DURABLE GOODS	16	-	-	7	-	9	-	-	-	$15 080	$12 149	16	$15 080
NONMANUFACTURING INDUSTRIES	23	-	-	-	6	9	8	-	-	$17 413	$16 353	23	$17 413
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	9	-	-	-	-	9	-	-	-	$15 439	$17 005	9	$15 439
WHOLESALE AND RETAIL TRADE	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER INDUSTRIES	14	-	-	-	6	-	8	-	-	$20 094	$15 934	14	$20 094
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	164	45	2	44	37	25	11	-	-	$9 514	$9 380	72	$11 294
WELDERS AND CUTTERS	44	-	-	6	14	19	5	-	-	$15 241	$14 850	30	$16 350
ASSEMBLERS	108	45	-	32	19	6	6	-	-	$8 160	$7 261	30	$9 600
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	12	-	2	6	4	-	-	-	-	$9 333	$8 397	12	$9 333
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	59	10	14	7	7	21	-	-	-	$7 571	$9 199	22	$15 207
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	115	35	26	23	11	6	14	-	-	$5 500	$7 781	54	$12 874
MOTOR VEHICLE OPERATORS	103	35	26	17	11	-	14	-	-	$4 688	$7 253	42	$12 833
TRUCK DRIVERS AND DRIVER-SALES WORKERS	75	35	7	8	11	-	14	-	-	$5 357	$8 046	33	$14 081
BUS DRIVERS	-	-	-	-	-	-	-	-	-	-	-	-	-
RAIL AND WATER TRANSPORTATION OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	12	-	-	6	-	6	-	-	-	$12 500	$12 310	12	$12 500
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	170	35	55	51	24	-	5	-	-	$5 286	$5 853	35	$8 417
CONSTRUCTION LABORERS	17	6	-	3	8	-	-	-	-	$9 667	$8 220	3	$9 000
FREIGHT, STOCK, AND MATERIAL HANDLERS	60	16	16	28	-	-	-	-	-	$5 714	$4 885	12	$5 857
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	27	-	14	8	-	-	5	-	-	$3 929	$8 055	-	-
HAND PACKERS AND PACKAGERS	24	-	-	8	16	-	-	-	-	$10 500	$8 838	16	$9 000
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	15	8	7	-	-	-	-	-	-	$1,000-	$2 125	-	-
LABORERS, EXCEPT CONSTRUCTION	27	5	18	4	-	-	-	-	-	$3 700	$3 729	4	$9 000
MANUFACTURING	5	5	-	-	-	-	-	-	-	$1,000-	$835	-	-
NONDURABLE GOODS	5	5	-	-	-	-	-	-	-	$1,000-	$835	-	-
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	-	-	-	-	-	-	-	-	-	-	-	-	-
METAL INDUSTRIES	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING INDUSTRIES	22	-	18	4	-	-	-	-	-	$4 125	$4 387	4	$9 000
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER INDUSTRIES	22	-	18	4	-	-	-	-	-	$4 125	$4 387	4	$9 000
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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MASSACHUSETTS

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
ASIAN AND PACIFIC ISLANDER													
FEMALE EXPERIENCED CIVILIAN LABOR FORCE	10 447	1 499	2 965	2 932	1 712	730	247	274	88	$7 006	$8 345	4 370	$10 342
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	2 787	214	488	446	666	476	173	241	83	$11 867	$13 601	1 397	$15 348
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	903	62	146	191	279	118	36	71	-	$10 938	$11 628	549	$13 197
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	42	5	29	8	-	-	-	-	-	$4 000	$4 327	8	$7 000
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	54	10	-	13	18	4	4	5	-	$12 433	$12 485	31	$14 338
MANAGERS, MEDICINE AND HEALTH	6	6	-	-	-	-	-	-	-	$1 500	$1 605	-	-
OTHER SPECIFIED MANAGERS	43	-	5	-	12	7	11	8	-	$17 856	$20 095	26	$22 057
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	371	24	67	72	95	49	13	51	-	$11 125	$12 240	225	$13 633
MANUFACTURING	34	-	-	-	-	13	5	16	-	$23 787	$23 721	21	$30 553
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	122	-	17	29	33	5	8	30	-	$11 500	$14 579	109	$11 550
ALL OTHER INDUSTRIES	215	24	50	43	62	31	-	5	-	$9 296	$9 097	95	$13 342
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	32	-	10	15	-	-	-	7	-	$8 800	$10 636	24	$9 333
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING	-	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	32	-	10	15	-	-	-	7	-	$8 800	$10 636	24	$9 333
ALL OTHER INDUSTRIES	-	-	-	-	-	-	-	-	-	-	-	-	-
MANAGEMENT RELATED OCCUPATIONS	355	17	35	83	154	58	8	-	-	$11 269	$10 956	235	$12 559
ACCOUNTANTS AND AUDITORS	214	10	17	55	98	26	8	-	-	$11 250	$11 063	154	$12 301
BUYERS AND PURCHASING AGENTS	14	-	-	1	7	6	-	-	-	$11 714	$14 271	14	$11 714
PROFESSIONAL SPECIALTY OCCUPATIONS	1 884	152	342	255	387	358	137	170	83	$12 434	$14 546	848	$16 683
ENGINEERS, ARCHITECTS, AND SURVEYORS	53	7	9	-	14	-	12	11	-	$11 500	$14 804	25	$21 538
ARCHITECTS	13	-	5	-	8	-	-	-	-	$10 375	$8 417	-	-
ENGINEERS	40	7	4	-	6	-	12	11	-	$20 864	$16 880	25	$21 538
ELECTRICAL AND ELECTRONIC ENGINEERS	7	7	-	-	-	-	-	-	-	$1 500	$1 510	7	$1 500
MECHANICAL ENGINEERS	6	-	-	-	-	-	6	-	-	$20 433	$23 265	6	$20 453
OTHER ENGINEERS	27	-	4	-	6	-	6	11	-	$22 509	$19 446	12	$27 500
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	50	-	7	10	18	6	-	9	-	$10 889	$13 022	21	$18 337
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	28	-	7	-	6	6	-	9	-	$15 594	$15 501	15	$25 130
NATURAL SCIENTISTS	164	-	28	29	42	34	18	4	9	$12 979	$14 416	97	$14 491
HEALTH DIAGNOSING OCCUPATIONS	304	13	10	25	31	26	12	113	74	$29 673	$31 107	187	$36 015
PHYSICIANS	284	13	10	25	11	26	12	113	74	$31 320	$32 396	187	$36 015
DENTISTS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER HEALTH DIAGNOSING PRACTITIONERS	20	-	-	-	20	-	-	-	-	$12 138	$12 805	-	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	456	28	61	56	109	169	21	12	-	$13 540	$12 558	257	$15 906
REGISTERED NURSES	334	12	46	40	91	117	16	12	-	$13 712	$13 029	183	$15 927
PHARMACISTS	11	-	-	4	-	7	-	-	-	$15 162	$14 220	7	$15 439
THERAPISTS	35	16	6	2	6	-	5	-	-	$5 250	$6 541	22	$6 000
TEACHERS, LIBRARIANS, AND COUNSELORS	599	93	159	80	92	107	54	14	-	$8 860	$9 807	162	$14 671
TEACHERS, POSTSECONDARY	187	39	28	-	38	31	44	7	-	$13 724	$12 439	57	$19 269
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	200	26	79	20	25	44	6	-	-	$5 773	$8 386	22	$12 969
TEACHERS, SECONDARY	25	7	5	6	-	-	-	7	-	$8 167	$10 382	7	$25 462
SOCIAL SCIENTISTS AND URBAN PLANNERS	31	-	-	6	15	3	7	-	-	$13 482	$13 600	22	$13 277
SOCIAL AND RECREATION WORKERS	97	-	21	29	26	8	13	-	-	$9 625	$10 301	34	$11 250
RELIGIOUS WORKERS	13	-	6	7	-	-	-	-	-	$6 143	$5 113	6	$3 500
LAWYERS AND JUDGES	-	-	-	-	-	-	-	-	-	-	-	-	-
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	117	11	41	13	40	5	-	7	-	$8 375	$9 058	37	$12 745
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	3 367	557	943	1 012	583	179	60	33	-	$6 757	$7 115	1 403	$9 862
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	661	61	147	117	190	113	28	5	-	$10 282	$9 931	305	$13 566
HEALTH TECHNOLOGISTS AND TECHNICIANS	277	19	58	59	91	34	16	-	-	$10 217	$9 831	124	$13 131
LICENSED PRACTICAL NURSES	69	5	30	6	22	6	-	-	-	$4 955	$7 365	34	$12 618
ENGINEERING AND SCIENCE TECHNICIANS	90	24	18	18	14	10	6	-	-	$8 333	$8 199	43	$13 506
ELECTRICAL AND ELECTRONIC TECHNICIANS	23	-	-	11	6	-	6	-	-	$12 166	$13 302	18	$13 164
DRAFTING AND SURVEYING TECHNICIANS	42	14	18	-	-	10	-	-	-	$2 538	$5 856	10	$15 439
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	294	18	71	40	85	69	6	5	-	$12 058	$10 555	138	$14 119
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	127	-	26	34	30	37	-	-	-	$11 400	$10 875	45	$13 678
SALES OCCUPATIONS	678	165	276	149	38	22	12	16	-	$4 099	$5 700	174	$8 609
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	41	6	3	1	10	-	5	16	-	$20 399	$17 366	28	$25 366
SELF-EMPLOYED	22	6	-	1	10	-	5	-	-	$10 800	$9 850	12	$3 500
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	87	19	33	18	3	7	7	-	-	$5 393	$7 044	33	$8 143
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	24	-	-	6	18	-	-	-	-	$11 333	$10 725	15	$10 333
SALES WORKERS, RETAIL AND PERSONAL SERVICES	517	140	240	124	7	6	-	-	-	$3 508	$4 076	89	$7 560
CASHIERS	306	102	143	48	7	6	-	-	-	$3 000	$3 806	36	$8 800
SALES RELATED OCCUPATIONS	9	-	-	-	-	9	-	-	-	$15 439	$19 462	9	$15 439

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, 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

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
ASIAN AND PACIFIC ISLANDER													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	2 028	331	520	746	355	44	20	12	-	$6 888	$6 670	924	$9 295
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	54	-	16	16	6	-	4	12	-	$8 333	$12 813	38	$13 298
COMPUTER EQUIPMENT OPERATORS	70	4	11	47	8	-	-	-	-	$7 538	$6 874	42	$7 615
SECRETARIES, STENOGRAPHERS, AND TYPISTS	505	48	129	192	119	8	9	-	-	$7 541	$7 310	250	$9 818
SECRETARIES	400	23	97	150	113	8	9	-	-	$8 272	$7 925	200	$10 375
RECEPTIONISTS	51	27	16	8	-	-	-	-	-	$1 917	$2 563	-	-
FILE CLERKS	55	-	29	26	-	-	-	-	-	$2 948	$4 936	26	$8 700
FINANCIAL RECORDS PROCESSING OCCUPATIONS	270	27	74	91	66	12	-	-	-	$7 172	$7 226	119	$10 217
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	241	27	70	74	58	12	-	-	-	$7 000	$7 059	92	$10 696
TELEPHONE OPERATORS	14	-	14	-	-	-	-	-	-	$2 500	$2 455	-	-
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	19	13	-	6	-	-	-	-	-	$1,000-	$2 616	6	$7 000
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	35	-	-	17	18	-	-	-	-	$10 167	$9 877	35	$10 167
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	12	-	7	5	-	-	-	-	-	$5 857	$6 255	12	$5 857
BANK TELLERS	106	34	26	32	14	-	-	-	-	$4 941	$4 917	35	$7 296
DATA-ENTRY KEYERS	156	28	37	42	42	7	-	-	-	$7 368	$6 782	83	$10 043
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	681	150	161	264	82	17	7	-	-	$6 567	$6 204	278	$9 073
SERVICE OCCUPATIONS	1 296	367	526	278	92	23	10	-	-	$3 958	$4 714	335	$8 212
PRIVATE HOUSEHOLD OCCUPATIONS	66	38	6	22	-	-	-	-	-	$1 583	$2 812	-	-
PROTECTIVE SERVICE OCCUPATIONS	14	-	14	-	-	-	-	-	-	$4 600	$4 399	-	-
FIREFIGHTING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
POLICE AND DETECTIVES, PUBLIC SERVICE	-	-	-	-	-	-	-	-	-	-	-	-	-
GUARDS	14	-	14	-	-	-	-	-	-	$4 600	$4 399	-	-
OTHER PROTECTIVE SERVICE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	1 216	329	506	256	92	23	10	-	-	$4 023	$4 821	335	$8 212
FOOD PREPARATION AND SERVICE OCCUPATIONS	640	188	315	82	55	-	-	-	-	$3 566	$4 098	130	$7 818
WAITERS AND FOOD COUNTER WORKERS	280	96	135	38	11	-	-	-	-	$3 000	$3 567	47	$8 077
COOKS	118	10	71	16	21	-	-	-	-	$4 474	$5 526	30	$8 222
HEALTH SERVICE OCCUPATIONS	304	44	90	137	33	-	-	-	-	$6 571	$6 133	140	$8 656
NURSING AIDES, ORDERLIES, AND ATTENDANTS	245	34	73	105	33	-	-	-	-	$6 756	$6 327	124	$8 706
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	43	22	21	-	-	-	-	-	-	$1 900	$2 283	13	$5 071
PERSONAL SERVICE OCCUPATIONS	229	75	80	37	4	23	10	-	-	$3 643	$5 576	52	$7 778
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	59	10	29	16	-	-	4	-	-	$3 786	$5 330	17	$7 500
FARMING, FORESTRY, AND FISHING OCCUPATIONS	4	-	-	-	4	-	-	-	-	$12 272	$12 005	4	$12 272
FARM OPERATORS AND MANAGERS	-	-	-	-	-	-	-	-	-	-	-	-	-
FARM OCCUPATIONS, EXCEPT MANAGERIAL	4	-	-	-	4	-	-	-	-	$12 272	$12 005	4	$12 272
RELATED AGRICULTURAL OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
FORESTRY AND FISHING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	349	66	91	98	66	24	4	-	-	$6 686	$6 730	182	$10 100
MECHANICS AND REPAIRERS	20	-	7	-	-	13	-	-	-	$15 176	$11 945	13	$15 439
AUTOMOBILE MECHANICS, INCLUDING BODY	-	-	-	-	-	-	-	-	-	-	-	-	-
AIRCRAFT MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER MECHANICS AND REPAIRERS	20	-	7	-	-	13	-	-	-	$15 176	$11 945	13	$15 439
CONSTRUCTION TRADES	13	-	7	6	-	-	-	-	-	$2 929	$5 146	-	-
CARPENTERS	-	-	-	-	-	-	-	-	-	-	-	-	-
ELECTRICIANS	-	-	-	-	-	-	-	-	-	-	-	-	-
PAINTERS, CONSTRUCTION AND MAINTENANCE	13	-	7	6	-	-	-	-	-	$2 929	$5 146	-	-
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER CONSTRUCTION TRADES	-	-	-	-	-	-	-	-	-	-	-	-	-
EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	316	66	77	92	66	11	4	-	-	$6 588	$6 465	169	$9 741
SUPERVISORS, PRODUCTION OCCUPATIONS	79	34	6	-	29	6	4	-	-	$5 917	$7 274	45	$11 435
MANUFACTURING	45	-	6	-	29	6	4	-	-	$11 435	$11 818	45	$11 435
PRECISION METALWORKING OCCUPATIONS	10	7	-	3	-	-	-	-	-	$1 714	$3 065	3	$7 000
TOOL AND DIE MAKERS	-	-	-	-	-	-	-	-	-	-	-	-	-
MACHINISTS	10	7	-	3	-	-	-	-	-	$1 714	$3 065	3	$7 000
SHEET METAL WORKERS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER PRECISION METAL WORKERS	-	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	60	-	28	22	10	-	-	-	-	$6 182	$6 404	36	$6 933
PLANT AND SYSTEM OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER PRECISION PRODUCTION OCCUPATIONS	167	25	43	67	27	5	-	-	-	$7 192	$6 307	85	$9 222

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, 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

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
ASIAN AND PACIFIC ISLANDER													
OPERATORS, FABRICATORS, AND LABORERS	2 644	295	917	1 098	301	28	-	-	5	$6 355	$6 360	1 049	$8 350
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	2 459	254	881	1 008	283	28	-	-	5	$6 320	$6 382	960	$8 315
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	1 815	164	710	746	181	9	-	-	5	$6 149	$6 229	636	$8 142
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	13	-	8	5	-	-	-	-	-	$4 813	$5 851	5	$9 000
PRINTING MACHINE OPERATORS	19	6	9	-	4	-	-	-	-	$2 389	$3 903	4	$11 000
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	1 506	131	637	624	109	-	-	-	5	$5 926	$5 962	456	$7 471
TEXTILE MACHINE OPERATORS	29	-	7	12	10	-	-	-	-	$7 250	$8 011	16	$10 667
TEXTILE SEWING MACHINE OPERATORS	1 357	119	595	550	88	-	-	-	5	$5 819	$5 919	377	$7 453
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	28	-	11	12	5	-	-	-	-	$6 500	$6 283	17	$7 417
OTHER SPECIFIED MACHINE OPERATORS	92	11	24	37	15	5	-	-	-	$8 267	$7 460	56	$9 304
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	185	16	32	80	53	4	-	-	-	$8 422	$8 048	115	$9 978
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	34	-	-	21	13	-	-	-	-	$9 000	$9 587	26	$11 000
MACHINE OPERATORS, NOT SPECIFIED	151	16	32	59	40	4	-	-	-	$8 297	$7 701	89	$9 973
INDUSTRY:													
MANUFACTURING	185	16	32	80	53	4	-	-	-	$8 422	$8 048	115	$9 978
NONDURABLE GOODS	80	-	12	42	26	-	-	-	-	$8 667	$8 441	55	$9 857
FOOD AND KINDRED PRODUCTS	-	-	-	-	-	-	-	-	-	-	-	-	-
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	14	-	8	-	6	-	-	-	-	$4 875	$6 862	6	$11 000
PAPER AND ALLIED PRODUCTS	35	-	4	25	6	-	-	-	-	$8 467	$7 785	23	$9 267
OTHER NONDURABLE GOODS	31	-	-	17	14	-	-	-	-	$9 500	$9 893	26	$12 032
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	105	16	20	38	27	4	-	-	-	$8 208	$7 748	60	$10 133
METAL INDUSTRIES	-	-	-	-	-	-	-	-	-	-	-	-	-
MACHINERY, INCLUDING ELECTRICAL	71	16	6	18	27	4	-	-	-	$9 000	$8 349	40	$11 467
TRANSPORTATION EQUIPMENT	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER DURABLE GOODS	34	-	14	20	-	-	-	-	-	$7 200	$6 494	20	$8 667
NONMANUFACTURING INDUSTRIES	-	-	-	-	-	-	-	-	-	-	-	-	-
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER INDUSTRIES	-	-	-	-	-	-	-	-	-	-	-	-	-
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	489	84	134	190	70	11	-	-	-	$6 469	$6 354	235	$8 455
WELDERS AND CUTTERS	18	-	6	12	-	-	-	-	-	$6 500	$6 618	12	$7 000
ASSEMBLERS	424	64	120	159	70	11	-	-	-	$6 636	$6 568	210	$8 776
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	47	20	8	19	-	-	-	-	-	$4 438	$4 324	13	$7 857
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	155	6	37	72	32	8	-	-	-	$8 295	$8 268	89	$9 296
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	24	6	-	13	5	-	-	-	-	$6 923	$6 813	7	$7 000
MOTOR VEHICLE OPERATORS	11	-	-	6	5	-	-	-	-	$7 833	$9 946	-	-
TRUCK DRIVERS AND DRIVER-SALES WORKERS	-	-	-	-	-	-	-	-	-	-	-	-	-
BUS DRIVERS	11	-	-	6	5	-	-	-	-	$7 833	$9 946	-	-
RAIL AND WATER TRANSPORTATION OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	13	6	-	7	-	-	-	-	-	$6 143	$4 162	7	$7 000
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	161	35	36	77	13	-	-	-	-	$7 188	$5 948	82	$8 727
CONSTRUCTION LABORERS	-	-	-	-	-	-	-	-	-	-	-	-	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	34	17	-	10	7	-	-	-	-	$5 000	$5 735	17	$9 700
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
HAND PACKERS AND PACKAGERS	76	13	10	53	-	-	-	-	-	$7 875	$6 358	41	$8 360
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	30	5	19	-	6	-	-	-	-	$4 000	$4 557	15	$5 833
LABORERS, EXCEPT CONSTRUCTION	21	-	7	14	-	-	-	-	-	$8 500	$6 799	9	$9 000
MANUFACTURING	12	-	7	5	-	-	-	-	-	$3 857	$5 205	5	$9 000
NONDURABLE GOODS	5	-	-	5	-	-	-	-	-	$9 000	$8 005	5	$9 000
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	7	-	7	-	-	-	-	-	-	$3 500	$3 205	-	-
METAL INDUSTRIES	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING INDUSTRIES	9	-	-	9	-	-	-	-	-	$9 000	$8 924	4	$9 000
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	5	-	-	5	-	-	-	-	-	$9 000	$8 155	-	-
ALL OTHER INDUSTRIES	4	-	-	4	-	-	-	-	-	$9 000	$9 885	4	$9 000
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, 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

SPANISH ORIGIN	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
MALE EXPERIENCED CIVILIAN LABOR FORCE	25 688	2 527	4 597	6 443	6 567	2 939	1 322	1 070	223	$9 552	$10 856	15 148	$11 860
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	4 054	181	501	583	824	599	505	689	172	$14 555	$18 540	2 591	$18 231
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	1 530	50	201	175	273	264	190	298	79	$15 964	$20 262	1 128	$18 463
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	96	-	-	-	11	46	20	19	-	$18 524	$21 445	77	$18 676
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	84	-	15	-	15	22	-	28	4	$17 223	$22 495	62	$25 707
MANAGERS, MEDICINE AND HEALTH	14	-	-	-	-	6	-	8	-	$30 182	$27 836	14	$30 182
OTHER SPECIFIED MANAGERS	216	-	13	23	48	61	24	47	-	$16 463	$19 356	173	$16 273
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	643	13	123	65	104	76	70	132	60	$15 872	$22 504	477	$21 080
MANUFACTURING	138	-	-	4	9	16	18	59	32	$28 677	$40 948	132	$29 316
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	65	-	29	-	-	-	25	11	-	$20 389	$15 403	44	$21 942
WHOLESALE AND RETAIL TRADE	152	-	35	26	53	16	-	14	8	$12 477	$17 834	92	$13 940
ALL OTHER INDUSTRIES	288	13	59	35	42	44	27	48	20	$14 482	$17 733	209	$17 704
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	86	13	25	28	2	7	-	11	-	$6 526	$10 934	65	$7 364
CONSTRUCTION	18	-	16	-	2	-	-	-	-	$5 563	$5 769	18	$5 563
MANUFACTURING	11	-	-	-	-	-	-	11	-	$40 123	$43 127	11	$40 123
WHOLESALE AND RETAIL TRADE	44	-	9	28	-	7	-	-	-	$7 368	$8 139	36	$7 636
ALL OTHER INDUSTRIES	13	13	-	-	-	-	-	-	-	$1,000-	$305	-	-
MANAGEMENT RELATED OCCUPATIONS	391	24	25	59	93	46	76	53	15	$14 610	$18 086	260	$17 686
ACCOUNTANTS AND AUDITORS	160	4	10	14	36	28	52	16	-	$17 464	$16 489	118	$20 111
BUYERS AND PURCHASING AGENTS	16	-	-	5	6	-	-	-	5	$13 132	$43 942	11	$14 601
PROFESSIONAL SPECIALTY OCCUPATIONS	2 524	131	300	408	551	335	315	391	93	$13 529	$17 496	1 463	$17 951
ENGINEERS, ARCHITECTS, AND SURVEYORS	511	5	18	26	88	72	107	184	11	$21 781	$22 309	392	$24 498
ARCHITECTS	24	-	-	-	8	-	8	8	-	$21 941	$25 115	8	$40 550
ENGINEERS	487	5	18	26	80	72	99	176	11	$21 763	$22 171	384	$24 219
ELECTRICAL AND ELECTRONIC ENGINEERS	130	5	6	-	17	6	24	72	-	$25 772	$25 084	113	$26 869
MECHANICAL ENGINEERS	90	-	-	12	12	4	29	33	-	$22 402	$21 279	72	$24 242
OTHER ENGINEERS	267	-	12	14	51	62	46	71	11	$19 396	$21 053	199	$21 687
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	73	-	-	29	-	-	32	12	-	$20 652	$17 817	55	$20 532
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	45	-	-	7	-	-	26	12	-	$22 136	$22 345	27	$22 428
NATURAL SCIENTISTS	73	8	7	-	24	15	12	7	-	$14 176	$14 246	53	$15 100
HEALTH DIAGNOSING OCCUPATIONS	243	4	8	12	8	24	18	100	69	$34 536	$41 147	188	$37 352
PHYSICIANS	198	-	8	12	8	16	12	84	58	$34 918	$42 817	156	$37 236
DENTISTS	25	-	-	-	-	8	-	12	5	$32 249	$33 567	12	$37 674
OTHER HEALTH DIAGNOSING PRACTITIONERS	20	4	-	-	-	-	6	4	6	$32 500	$34 092	20	$32 500
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	71	24	6	10	24	-	7	-	-	$9 100	$8 052	26	$1 273
REGISTERED NURSES	22	10	-	-	5	-	7	-	-	$12 440	$9 776	15	$1,000-
PHARMACISTS	6	-	6	-	-	-	-	-	-	$2 500	$2 705	-	-
THERAPISTS	35	11	-	10	14	-	-	-	-	$9 300	$8 211	11	$1 500
TEACHERS, LIBRARIANS, AND COUNSELORS	734	49	137	109	160	193	40	46	-	$11 756	$12 347	266	$14 107
TEACHERS, POSTSECONDARY	255	-	79	25	7	100	9	35	-	$15 450	$14 872	77	$17 320
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	202	14	5	13	83	51	31	5	-	$13 593	$13 625	86	$14 799
TEACHERS, SECONDARY	103	12	6	26	17	42	-	-	-	$11 667	$11 190	42	$15 062
SOCIAL SCIENTISTS AND URBAN PLANNERS	52	-	8	12	14	5	13	-	-	$11 500	$13 253	24	$11 000
SOCIAL AND RECREATION WORKERS	307	22	60	111	94	13	7	-	-	$8 589	$8 631	148	$12 152
RELIGIOUS WORKERS	65	-	14	14	5	13	12	-	7	$14 647	$18 408	65	$14 647
LAWYERS AND JUDGES	77	-	14	11	25	-	9	12	6	$12 094	$28 163	49	$13 110
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	318	19	28	74	109	-	58	30	-	$11 086	$12 837	197	$13 038
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	3 644	572	649	633	905	537	201	132	15	$9 782	$10 174	2 128	$13 129
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	750	72	125	107	205	174	18	49	-	$12 093	$11 729	495	$14 170
HEALTH TECHNOLOGISTS AND TECHNICIANS	103	8	25	10	35	25	-	-	-	$10 895	$9 965	70	$12 888
LICENSED PRACTICAL NURSES	-	-	-	-	-	-	-	-	-	-	-	-	-
ENGINEERING AND SCIENCE TECHNICIANS	416	49	61	53	124	95	18	16	-	$12 457	$11 411	265	$13 882
ELECTRICAL AND ELECTRONIC TECHNICIANS	237	33	26	39	66	42	15	16	-	$12 269	$11 568	132	$14 152
DRAFTING AND SURVEYING TECHNICIANS	88	4	6	6	38	31	3	-	-	$13 805	$13 478	68	$14 514
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	231	15	39	44	46	54	-	33	-	$11 591	$13 088	160	$15 378
AIRPLANE PILOTS AND NAVIGATORS	3	-	-	3	-	-	-	-	-	$9 000	$8 005	3	$9 000
COMPUTER PROGRAMMERS	103	9	23	17	13	30	-	11	-	$10 556	$11 197	73	$15 386
SALES OCCUPATIONS	1 022	199	212	125	219	127	82	43	15	$8 980	$10 415	559	$14 088
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	213	12	17	26	74	31	43	10	-	$13 503	$13 835	181	$14 483
SELF-EMPLOYED	58	12	-	7	25	6	8	-	-	$12 800	$10 071	54	$12 783
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	102	10	7	18	17	26	6	11	7	$14 695	$17 159	74	$15 860
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	108	-	14	-	25	23	23	15	8	$17 849	$19 479	82	$20 755
SALES WORKERS, RETAIL AND PERSONAL SERVICES	599	177	174	81	103	47	10	7	-	$4 532	$6 417	222	$11 250
CASHIERS	138	55	41	12	16	14	-	-	-	$3 800	$5 472	42	$13 321
SALES RELATED OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, 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

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
SPANISH ORIGIN													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	1 872	301	312	401	481	236	101	40	-	$9 232	$9 419	1 074	$12 378
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	128	-	32	24	49	13	10	-	-	$11 067	$10 402	76	$12 451
COMPUTER EQUIPMENT OPERATORS	125	7	38	-	46	22	-	12	-	$11 167	$11 086	63	$12 921
SECRETARIES, STENOGRAPHERS, AND TYPISTS	47	27	6	14	-	-	-	-	-	$1 500	$3 227	6	$7 000
SECRETARIES	20	14	-	6	-	-	-	-	-	$1 429	$3 044	6	$7 000
RECEPTIONISTS	16	9	-	7	-	-	-	-	-	$1,000-	$3 405	7	$7 000
FILE CLERKS	9	2	7	-	-	-	-	-	-	$4 357	$3 127	7	$4 500
FINANCIAL RECORDS PROCESSING OCCUPATIONS	117	32	11	19	24	11	7	13	-	$9 632	$11 023	69	$13 620
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	72	25	7	-	24	11	-	5	-	$12 312	$8 736	35	$13 716
TELEPHONE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	184	30	6	47	27	41	33	-	-	$11 000	$11 736	141	$13 707
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	499	52	48	164	156	49	20	10	-	$9 603	$10 009	358	$11 676
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	21	-	9	9	3	-	-	-	-	$6 333	$7 112	12	$7 333
BANK TELLERS	39	-	13	19	7	-	-	-	-	$7 300	$6 439	23	$9 000
DATA-ENTRY KEYERS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	687	142	142	98	169	100	31	5	-	$9 061	$8 496	312	$13 487
SERVICE OCCUPATIONS	3 485	662	783	1 033	627	244	79	50	7	$7 033	$7 675	1 688	$9 698
PRIVATE HOUSEHOLD OCCUPATIONS	31	-	-	17	14	-	-	-	-	$9 571	$8 706	20	$10 571
PROTECTIVE SERVICE OCCUPATIONS	569	41	102	151	67	121	50	37	-	$9 568	$11 627	359	$15 539
FIREFIGHTING OCCUPATIONS	87	6	-	-	4	54	11	12	-	$17 185	$17 868	81	$17 479
POLICE AND DETECTIVES, PUBLIC SERVICE	94	-	9	6	16	26	25	12	-	$17 574	$17 839	78	$17 722
GUARDS	331	35	78	138	47	21	6	6	-	$7 040	$7 837	165	$9 258
OTHER PROTECTIVE SERVICE OCCUPATIONS	57	-	15	7	-	20	8	7	-	$16 084	$13 860	35	$18 980
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	2 885	621	681	865	546	123	29	13	7	$6 612	$6 885	1 309	$9 084
FOOD PREPARATION AND SERVICE OCCUPATIONS	1 115	285	297	290	227	16	-	-	-	$5 623	$5 933	426	$8 630
WAITERS AND FOOD COUNTER WORKERS	88	18	28	14	28	-	-	-	-	$5 867	$6 518	34	$5 800
COOKS	471	82	124	133	116	16	-	-	-	$6 694	$6 877	201	$9 439
HEALTH SERVICE OCCUPATIONS	269	44	34	91	87	-	-	6	7	$7 982	$9 162	153	$10 886
NURSING AIDES, ORDERLIES, AND ATTENDANTS	202	29	26	75	65	-	-	-	7	$7 769	$9 048	109	$10 633
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	1 237	233	244	430	222	87	14	7	-	$7 429	$7 454	651	$9 216
PERSONAL SERVICE OCCUPATIONS	264	59	106	54	10	20	15	-	-	$4 182	$5 925	79	$7 316
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	80	9	38	24	-	9	-	-	-	$4 833	$6 349	30	$5 600
FARMING, FORESTRY, AND FISHING OCCUPATIONS	573	124	195	74	81	23	35	30	11	$5 420	$8 814	161	$12 109
FARM OPERATORS AND MANAGERS	28	-	21	-	-	-	7	-	-	$4 750	$8 412	11	$20 167
FARM OCCUPATIONS, EXCEPT MANAGERIAL	273	57	132	43	18	12	-	-	11	$4 455	$6 756	52	$9 000
RELATED AGRICULTURAL OCCUPATIONS	194	58	37	31	44	11	13	-	-	$6 190	$7 462	72	$12 989
FORESTRY AND FISHING OCCUPATIONS	78	9	5	-	19	-	15	30	-	$21 639	$19 525	26	$25 984
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	3 800	188	429	1 025	1 172	634	238	107	7	$10 992	$11 468	2 674	$12 125
MECHANICS AND REPAIRERS	1 123	71	106	372	319	160	57	33	5	$10 210	$11 338	835	$11 740
AUTOMOBILE MECHANICS, INCLUDING BODY	370	38	36	145	87	48	16	-	-	$9 218	$9 540	271	$10 094
AIRCRAFT MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	58	-	8	25	7	18	-	-	-	$9 680	$11 927	42	$13 509
OTHER MECHANICS AND REPAIRERS	695	33	62	202	225	94	41	33	5	$11 247	$12 245	522	$12 247
CONSTRUCTION TRADES	916	43	155	246	288	88	73	23	-	$10 211	$10 386	521	$11 101
CARPENTERS	228	28	40	50	70	18	22	-	-	$9 556	$9 364	113	$12 365
ELECTRICIANS	52	-	-	-	33	-	19	-	-	$13 733	$15 671	36	$13 076
PAINTERS, CONSTRUCTION AND MAINTENANCE	224	-	39	159	26	-	-	-	-	$7 364	$7 302	145	$7 611
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	118	-	36	12	15	24	14	17	-	$14 057	$13 002	61	$18 644
OTHER CONSTRUCTION TRADES	294	15	40	25	144	46	18	6	-	$11 576	$11 545	166	$11 485
EXTRACTIVE OCCUPATIONS	4	-	4	-	-	-	-	-	-	$5 500	$5 505	4	$5 500
PRECISION PRODUCTION OCCUPATIONS	1 757	74	164	407	565	386	108	51	2	$11 743	$12 129	1 314	$12 898
SUPERVISORS, PRODUCTION OCCUPATIONS	485	19	14	52	209	125	49	15	2	$13 131	$14 082	374	$14 486
MANUFACTURING	434	19	9	38	203	106	44	13	2	$13 001	$14 087	336	$14 026
PRECISION METALWORKING OCCUPATIONS	625	17	52	155	173	159	53	16	-	$12 511	$12 425	497	$13 219
TOOL AND DIE MAKERS	65	5	6	5	40	-	-	9	-	$12 417	$13 357	51	$12 869
MACHINISTS	486	12	46	131	118	134	45	-	-	$12 070	$11 866	401	$12 679
SHEET METAL WORKERS	31	-	-	6	10	15	-	-	-	$14 787	$13 298	14	$15 091
OTHER PRECISION METAL WORKERS	43	-	-	13	5	10	8	7	-	$16 330	$16 700	31	$19 634
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	123	17	19	51	26	-	-	10	-	$8 915	$8 908	90	$9 106
PLANT AND SYSTEM OPERATORS	27	-	-	-	6	15	6	-	-	$16 602	$17 809	21	$17 588
OTHER PRECISION PRODUCTION OCCUPATIONS	497	21	79	149	151	87	-	10	-	$9 987	$10 339	332	$12 347

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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MASSACHUSETTS

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
SPANISH ORIGIN													
OPERATORS, FABRICATORS, AND LABORERS	10 120	800	2 040	3 083	2 958	902	264	62	11	$8 946	$9 011	5 900	$10 633
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	6 977	473	1 329	2 107	2 206	715	112	30	5	$9 285	$9 157	4 331	$10 788
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	5 192	351	967	1 547	1 679	512	107	24	5	$9 327	$9 261	3 265	$10 837
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	431	38	84	101	159	43	6	-	-	$9 659	$9 100	243	$12 125
PRINTING MACHINE OPERATORS	176	-	61	23	53	26	8	-	5	$10 286	$11 097	115	$11 833
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	1 187	57	291	457	304	78	-	-	-	$7 918	$8 117	700	$9 616
TEXTILE MACHINE OPERATORS	465	26	50	153	180	56	-	-	-	$10 067	$9 681	347	$10 716
TEXTILE SEWING MACHINE OPERATORS	112	9	23	41	29	10	-	-	-	$8 786	$7 970	68	$10 080
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	146	11	26	89	15	5	-	-	-	$7 846	$7 611	93	$8 535
OTHER SPECIFIED MACHINE OPERATORS	1 165	80	220	312	372	154	27	-	-	$9 528	$9 267	708	$11 154
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	2 233	176	311	654	791	211	66	24	-	$9 880	$9 752	1 499	$11 075
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	354	73	25	87	79	79	11	-	-	$9 709	$9 815	191	$13 764
MACHINE OPERATORS, NOT SPECIFIED	1 879	103	286	567	712	132	55	24	-	$9 907	$9 740	1 308	$10 953
INDUSTRY:													
MANUFACTURING	2 153	168	268	646	776	211	60	24	-	$9 973	$9 898	1 478	$11 059
NONDURABLE GOODS	932	122	122	232	329	117	3	7	-	$9 877	$9 407	602	$11 248
FOOD AND KINDRED PRODUCTS	165	23	28	65	37	12	-	-	-	$8 825	$8 742	88	$9 565
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	124	9	13	28	53	21	-	-	-	$11 043	$10 306	90	$12 384
PAPER AND ALLIED PRODUCTS	200	7	16	51	56	67	3	-	-	$12 207	$12 043	185	$12 769
OTHER NONDURABLE GOODS	443	83	65	88	183	17	-	7	-	$9 517	$8 212	239	$10 596
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	1 221	46	146	414	447	94	57	17	-	$10 039	$10 273	876	$10 954
METAL INDUSTRIES	285	8	41	111	94	19	10	2	-	$9 444	$9 809	219	$9 730
MACHINERY, INCLUDING ELECTRICAL	331	16	45	108	125	31	-	6	-	$9 920	$9 659	235	$10 810
TRANSPORTATION EQUIPMENT	93	-	12	35	21	22	3	-	-	$9 957	$10 572	72	$10 143
OTHER DURABLE GOODS	512	22	48	160	207	22	44	9	-	$10 553	$10 874	350	$12 049
NONMANUFACTURING INDUSTRIES	80	8	43	8	15	-	6	-	-	$4 214	$5 813	21	$11 400
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	6	-	-	-	-	-	6	-	-	$20 453	$20 005	6	$20 453
WHOLESALE AND RETAIL TRADE	29	-	24	-	5	-	-	-	-	$2 967	$4 116	5	$11 000
ALL OTHER INDUSTRIES	45	8	19	8	10	-	-	-	-	$4 500	$5 014	10	$11 000
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	1 392	97	252	420	444	168	5	6	-	$9 459	$9 022	823	$10 894
WELDERS AND CUTTERS	261	-	43	78	84	56	-	-	-	$10 487	$10 374	154	$11 641
ASSEMBLERS	1 014	91	194	296	310	112	5	6	-	$9 278	$8 732	598	$10 817
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	117	6	15	46	50	-	-	-	-	$9 433	$8 526	71	$10 314
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	393	25	110	140	83	35	-	-	-	$8 519	$8 261	243	$9 697
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	1 276	74	324	374	236	140	103	25	-	$8 335	$9 541	707	$10 570
MOTOR VEHICLE OPERATORS	835	50	186	261	142	110	61	25	-	$8 758	$10 009	481	$11 021
TRUCK DRIVERS AND DRIVER-SALES WORKERS	577	22	126	164	122	77	41	25	-	$9 447	$10 693	385	$11 462
BUS DRIVERS	170	8	50	62	11	19	20	-	-	$8 372	$9 304	57	$9 917
RAIL AND WATER TRANSPORTATION OCCUPATIONS	67	-	-	20	7	13	27	-	-	$17 079	$15 347	43	$10 429
MATERIAL MOVING EQUIPMENT OPERATORS	374	24	138	93	87	17	15	-	-	$6 769	$7 456	183	$9 893
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	22	-	6	4	-	6	6	-	-	$15 552	$12 677	16	$7 000
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	1 867	253	387	602	516	47	49	7	6	$7 944	$8 103	862	$9 927
CONSTRUCTION LABORERS	284	9	35	102	116	22	-	-	-	$9 724	$9 235	41	$9 375
FREIGHT, STOCK, AND MATERIAL HANDLERS	499	56	77	181	139	15	31	-	-	$8 748	$8 769	312	$10 257
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	73	19	38	16	-	-	-	-	-	$2 648	$3 521	13	$8 143
HAND PACKERS AND PACKAGERS	333	30	105	77	97	-	18	-	6	$7 340	$9 172	220	$10 295
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	156	35	19	48	54	-	-	-	-	$8 588	$7 188	59	$10 214
LABORERS, EXCEPT CONSTRUCTION	522	104	113	178	110	10	-	7	-	$7 086	$7 082	217	$9 470
MANUFACTURING	367	77	67	139	77	-	-	7	-	$7 295	$7 208	165	$9 459
NONDURABLE GOODS	164	41	16	56	51	-	-	-	-	$8 000	$6 988	68	$12 012
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	203	36	51	83	26	-	-	7	-	$6 806	$7 386	97	$8 915
METAL INDUSTRIES	77	21	8	22	26	-	-	-	-	$7 188	$7 171	44	$8 000
NONMANUFACTURING INDUSTRIES	155	27	46	39	33	10	-	-	-	$6 450	$6 783	52	$9 600
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	23	-	10	7	-	6	-	-	-	$6 429	$8 662	17	$4 850
WHOLESALE AND RETAIL TRADE	33	-	-	8	21	4	-	-	-	$11 063	$11 741	25	$11 563
ALL OTHER INDUSTRIES	99	27	36	24	12	-	-	-	-	$2 978	$4 694	10	$8 000
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	12	-	-	12	-	-	-	-	-	$7 000	$6 755	6	$7 000

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MASSACHUSETTS

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
SPANISH ORIGIN													
FEMALE EXPERIENCED CIVILIAN LABOR FORCE	19 118	3 107	5 575	6 076	3 010	918	253	155	24	$6 544	$7 001	8 537	$9 061
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	3 144	280	759	535	798	473	196	90	13	$9 987	$10 390	1 389	$12 878
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	873	77	197	152	206	147	58	27	9	$10 159	$10 696	541	$12 494
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	67	11	8	16	21	-	5	6	-	$7 813	$10 355	48	$10 762
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	57	6	6	15	5	-	14	11	-	$10 600	$14 676	45	$20 581
MANAGERS, MEDICINE AND HEALTH	18	9	-	-	9	-	-	-	-	$6 500	$6 135	9	$12 272
OTHER SPECIFIED MANAGERS	109	-	26	11	40	15	17	-	-	$12 045	$11 671	81	$11 941
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	353	29	101	65	79	47	13	10	9	$9 000	$10 144	200	$12 209
MANUFACTURING	45	-	6	14	-	15	-	10	-	$15 504	$15 237	33	$17 090
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	6	-	-	-	-	-	6	-	-	$20 453	$20 285	6	$20 453
WHOLESALE AND RETAIL TRADE	35	-	9	6	14	6	-	-	-	$12 301	$9 610	26	$12 997
ALL OTHER INDUSTRIES	267	29	86	45	65	26	7	-	9	$8 172	$9 128	135	$11 340
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	6	-	6	-	-	-	-	-	-	$4 500	$4 005	6	$4 500
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING	-	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	6	-	6	-	-	-	-	-	-	$4 500	$4 005	6	$4 500
ALL OTHER INDUSTRIES	-	-	-	-	-	-	-	-	-	-	-	-	-
MANAGEMENT RELATED OCCUPATIONS	263	22	50	45	52	85	9	-	-	$10 744	$10 722	152	$15 259
ACCOUNTANTS AND AUDITORS	36	6	11	19	-	-	-	-	-	$8 105	$6 204	19	$9 000
BUYERS AND PURCHASING AGENTS	7	-	-	-	-	7	-	-	-	$15 439	$17 005	7	$15 439
PROFESSIONAL SPECIALTY OCCUPATIONS	2 271	203	562	383	592	326	138	63	4	$9 883	$10 273	848	$12 996
ENGINEERS, ARCHITECTS, AND SURVEYORS	34	-	13	5	5	11	-	-	-	$9 600	$9 859	16	$15 212
ARCHITECTS	7	-	-	-	-	7	-	-	-	$15 439	$17 005	7	$15 439
ENGINEERS	27	-	13	5	5	4	-	-	-	$8 200	$8 007	9	$11 800
ELECTRICAL AND ELECTRONIC ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-	-
MECHANICAL ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER ENGINEERS	27	-	13	5	5	4	-	-	-	$8 200	$8 007	9	$11 800
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	73	-	19	-	33	14	-	7	-	$12 759	$12 187	54	$13 936
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	37	-	19	-	5	6	-	7	-	$5 938	$11 259	18	$17 795
NATURAL SCIENTISTS	17	-	-	-	-	12	5	-	-	$17 655	$19 329	17	$17 655
HEALTH DIAGNOSING OCCUPATIONS	46	-	9	6	6	-	5	20	-	$21 739	$21 045	20	$40 255
PHYSICIANS	14	-	3	6	-	-	5	-	-	$7 333	$11 562	-	-
DENTISTS	32	-	6	-	6	-	-	20	-	$27 073	$25 194	20	$40 255
OTHER HEALTH DIAGNOSING PRACTITIONERS	-	-	-	-	-	-	-	-	-	-	-	-	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	363	13	62	74	98	78	38	-	-	$12 376	$11 329	105	$15 091
REGISTERED NURSES	202	6	20	42	58	38	38	-	-	$13 087	$12 520	60	$12 328
PHARMACISTS	41	-	30	4	-	7	-	-	-	$2 683	$5 775	7	$15 439
THERAPISTS	58	7	-	28	16	7	-	-	-	$9 143	$9 289	7	$15 439
TEACHERS, LIBRARIANS, AND COUNSELORS	1 244	121	349	170	323	156	90	31	4	$9 561	$10 064	371	$12 739
TEACHERS, POSTSECONDARY	283	30	106	19	29	32	48	15	4	$6 579	$11 603	70	$21 119
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	605	33	187	72	188	104	16	5	-	$10 300	$9 675	159	$10 833
TEACHERS, SECONDARY	193	20	30	37	83	7	11	5	-	$10 413	$10 137	86	$11 538
SOCIAL SCIENTISTS AND URBAN PLANNERS	64	-	26	23	-	15	-	-	-	$8 522	$9 026	36	$8 909
SOCIAL AND RECREATION WORKERS	228	25	41	59	95	8	-	-	-	$9 551	$8 797	140	$11 481
RELIGIOUS WORKERS	-	-	-	-	-	-	-	-	-	-	-	-	-
LAWYERS AND JUDGES	26	-	9	-	-	17	-	-	-	$15 180	$10 851	17	$15 439
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	176	44	34	46	32	15	-	5	-	$7 667	$7 441	72	$9 300
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	5 877	1 102	1 591	1 885	920	268	57	43	11	$6 548	$6 891	2 634	$9 361
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	413	14	103	97	117	71	-	11	-	$9 741	$9 845	234	$12 259
HEALTH TECHNOLOGISTS AND TECHNICIANS	221	8	46	52	70	39	-	6	-	$10 205	$9 975	133	$12 391
LICENSED PRACTICAL NURSES	96	3	28	11	31	17	-	6	-	$10 571	$10 710	65	$12 114
ENGINEERING AND SCIENCE TECHNICIANS	97	6	33	20	29	9	-	-	-	$8 500	$7 920	51	$9 500
ELECTRICAL AND ELECTRONIC TECHNICIANS	14	-	7	-	4	3	-	-	-	$8 000	$9 094	7	$11 750
DRAFTING AND SURVEYING TECHNICIANS	9	-	-	-	9	-	-	-	-	$11 000	$10 212	3	$11 000
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	95	-	24	25	18	23	-	5	-	$9 824	$11 509	50	$13 683
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	30	-	-	17	4	9	-	-	-	$9 692	$11 453	17	$9 308
SALES OCCUPATIONS	1 023	226	434	200	74	43	16	24	6	$3 686	$6 100	238	$10 424
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	69	-	10	20	6	22	5	-	6	$11 500	$17 737	63	$15 184
SELF-EMPLOYED	22	-	6	1	6	9	-	-	-	$11 333	$11 328	16	$15 080
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	136	19	36	25	33	-	11	12	-	$7 040	$9 173	58	$11 111
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	19	-	7	-	-	-	-	12	-	$30 314	$20 658	12	$30 879
SALES WORKERS, RETAIL AND PERSONAL SERVICES	799	207	381	155	35	21	-	-	-	$3 141	$4 226	105	$8 951
CASHIERS	415	105	209	94	-	7	-	-	-	$3 057	$3 790	41	$8 650
SALES RELATED OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, 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

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
SPANISH ORIGIN													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	4 441	862	1 054	1 588	729	154	41	8	5	$6 792	$6 799	2 162	$9 122
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	190	-	35	65	49	41	-	-	-	$9 811	$10 790	120	$10 824
COMPUTER EQUIPMENT OPERATORS	19	3	8	-	8	-	-	-	-	$2 813	$6 205	16	$6 500
SECRETARIES, STENOGRAPHERS, AND TYPISTS	1 362	285	311	491	232	32	11	-	-	$6 659	$6 487	672	$8 909
SECRETARIES	979	226	197	314	199	32	11	-	-	$6 778	$6 667	500	$9 095
RECEPTIONISTS	200	79	60	52	9	-	-	-	-	$5 071	$4 591	69	$8 241
FILE CLERKS	174	106	25	27	16	-	-	-	-	$1 694	$3 333	35	$8 417
FINANCIAL RECORDS PROCESSING OCCUPATIONS	402	33	84	172	87	19	7	-	-	$8 625	$8 129	268	$9 538
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	276	33	66	85	66	19	7	-	-	$8 627	$8 110	167	$10 109
TELEPHONE OPERATORS	58	15	32	5	-	6	-	-	-	$3 615	$4 695	17	$9 000
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	44	15	6	17	6	-	-	-	-	$6 118	$4 455	10	$7 000
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	134	-	24	50	34	19	7	-	-	$9 548	$10 574	102	$10 947
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	28	-	6	16	6	-	-	-	-	$8 000	$7 716	16	$8 000
BANK TELLERS	105	7	21	68	9	-	-	-	-	$7 089	$6 572	49	$7 485
DATA-ENTRY KEYERS	223	25	41	105	52	-	-	-	-	$7 517	$7 383	114	$9 474
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	1 502	294	401	520	221	37	16	8	5	$6 418	$6 648	674	$8 930
SERVICE OCCUPATIONS	3 343	954	1 201	869	296	23	-	-	-	$4 119	$4 748	1 080	$8 280
PRIVATE HOUSEHOLD OCCUPATIONS	228	58	144	26	-	-	-	-	-	$4 122	$3 599	86	$5 452
PROTECTIVE SERVICE OCCUPATIONS	124	37	56	25	6	-	-	-	-	$2 556	$3 791	31	$8 944
FIREFIGHTING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
POLICE AND DETECTIVES, PUBLIC SERVICE	35	11	-	18	6	-	-	-	-	$8 722	$6 631	24	$9 333
GUARDS	89	26	56	7	-	-	-	-	-	$2 411	$2 674	7	$7 000
OTHER PROTECTIVE SERVICE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	2 991	859	1 001	818	290	23	-	-	-	$4 230	$4 875	963	$8 503
FOOD PREPARATION AND SERVICE OCCUPATIONS	770	276	294	123	65	12	-	-	-	$3 038	$4 030	183	$7 889
WAITERS AND FOOD COUNTER WORKERS	309	121	146	25	17	-	-	-	-	$2 435	$3 004	53	$6 733
COOKS	142	21	62	14	33	12	-	-	-	$5 368	$6 867	68	$8 857
HEALTH SERVICE OCCUPATIONS	1 028	208	282	401	137	-	-	-	-	$6 296	$5 878	466	$8 897
NURSING AIDES, ORDERLIES, AND ATTENDANTS	851	175	203	350	123	-	-	-	-	$6 629	$6 049	412	$8 840
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	555	164	148	192	51	-	-	-	-	$4 964	$4 838	188	$8 097
PERSONAL SERVICE OCCUPATIONS	638	211	277	102	37	11	-	-	-	$3 475	$4 312	126	$7 765
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	130	20	73	21	16	-	-	-	-	$5 125	$5 388	35	$5 821
FARMING, FORESTRY, AND FISHING OCCUPATIONS	62	45	17	-	-	-	-	-	-	$1 689	$2 311	8	$5 500
FARM OPERATORS AND MANAGERS	8	-	8	-	-	-	-	-	-	$5 500	$5 205	8	$5 500
FARM OCCUPATIONS, EXCEPT MANAGERIAL	54	45	9	-	-	-	-	-	-	$1 600	$1 882	-	-
RELATED AGRICULTURAL OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
FORESTRY AND FISHING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	826	62	187	355	172	41	-	9	-	$8 155	$7 997	459	$9 148
MECHANICS AND REPAIRERS	50	6	6	22	16	-	-	-	-	$8 941	$7 956	39	$9 588
AUTOMOBILE MECHANICS, INCLUDING BODY	-	-	-	-	-	-	-	-	-	-	-	-	-
AIRCRAFT MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER MECHANICS AND REPAIRERS	50	6	6	22	16	-	-	-	-	$8 941	$7 956	39	$9 588
CONSTRUCTION TRADES	31	-	8	7	7	-	-	9	-	$10 143	$12 346	16	$25 085
CARPENTERS	-	-	-	-	-	-	-	-	-	-	-	-	-
ELECTRICIANS	16	-	-	-	7	-	-	9	-	$25 085	$18 793	16	$25 085
PAINTERS, CONSTRUCTION AND MAINTENANCE	15	-	8	7	-	-	-	-	-	$2 938	$5 469	-	-
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER CONSTRUCTION TRADES	-	-	-	-	-	-	-	-	-	-	-	-	-
EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	745	56	173	326	149	41	-	-	-	$8 005	$7 819	404	$8 960
SUPERVISORS, PRODUCTION OCCUPATIONS	249	10	36	105	57	41	-	-	-	$9 264	$9 808	132	$10 800
MANUFACTURING	234	10	31	100	52	41	-	-	-	$9 333	$9 932	127	$11 300
PRECISION METALWORKING OCCUPATIONS	129	6	52	42	29	-	-	-	-	$6 650	$6 607	60	$8 182
TOOL AND DIE MAKERS	-	-	-	-	-	-	-	-	-	-	-	-	-
MACHINISTS	84	-	38	17	29	-	-	-	-	$6 800	$6 745	27	$9 000
SHEET METAL WORKERS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER PRECISION METAL WORKERS	45	6	14	25	-	-	-	-	-	$6 500	$6 351	33	$7 700
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	142	10	61	71	-	-	-	-	-	$6 000	$5 433	69	$6 357
PLANT AND SYSTEM OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER PRECISION PRODUCTION OCCUPATIONS	225	30	24	108	63	-	-	-	-	$8 350	$7 817	143	$9 431

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, 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

SPANISH ORIGIN	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
OPERATORS, FABRICATORS, AND LABORERS	5 852	664	1 806	2 432	824	113	-	13	-	$6 608	$6 495	2 967	$8 062
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	5 017	566	1 516	2 096	750	76	-	13	-	$6 661	$6 552	2 559	$8 140
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	3 290	388	1 002	1 356	479	52	-	13	-	$6 601	$6 574	1 724	$7 888
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	57	4	7	33	13	-	-	-	-	$7 591	$7 691	53	$7 773
PRINTING MACHINE OPERATORS	16	6	-	-	10	-	-	-	-	$11 000	$8 159	10	$12 077
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	1 624	203	564	674	163	7	-	13	-	$6 204	$6 234	768	$7 463
TEXTILE MACHINE OPERATORS	102	6	28	44	24	-	-	-	-	$6 872	$6 914	47	$7 516
TEXTILE SEWING MACHINE OPERATORS	1 064	89	404	448	116	7	-	-	-	$6 254	$6 216	488	$7 435
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	148	47	24	49	15	-	-	13	-	$6 600	$8 403	90	$9 128
OTHER SPECIFIED MACHINE OPERATORS	497	83	153	163	88	10	-	-	-	$6 275	$6 110	258	$8 830
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	1 096	92	278	486	205	35	-	-	-	$7 207	$7 207	635	$8 324
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	275	15	96	139	25	-	-	-	-	$6 646	$6 320	156	$7 458
MACHINE OPERATORS, NOT SPECIFIED	821	77	182	347	180	35	-	-	-	$7 423	$7 503	479	$8 939
INDUSTRY:													
MANUFACTURING	1 063	89	272	462	205	35	-	-	-	$7 192	$7 230	620	$8 242
NONDURABLE GOODS	448	55	121	240	32	-	-	-	-	$6 649	$5 994	237	$7 352
FOOD AND KINDRED PRODUCTS	34	-	8	26	-	-	-	-	-	$6 818	$6 284	16	$5 500
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	115	-	18	85	12	-	-	-	-	$7 491	$7 719	89	$7 488
PAPER AND ALLIED PRODUCTS	75	4	16	44	11	-	-	-	-	$8 107	$7 073	33	$8 900
OTHER NONDURABLE GOODS	224	51	79	85	9	-	-	-	-	$4 600	$4 703	99	$6 943
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	615	34	151	222	173	35	-	-	-	$7 775	$8 130	383	$9 318
METAL INDUSTRIES	71	14	20	-	37	-	-	-	-	$10 176	$7 930	25	$12 190
MACHINERY, INCLUDING ELECTRICAL	333	12	71	132	110	8	-	-	-	$7 876	$8 287	220	$9 235
TRANSPORTATION EQUIPMENT	15	-	-	9	6	-	-	-	-	$9 667	$9 205	-	-
OTHER DURABLE GOODS	196	8	60	81	20	27	-	-	-	$7 224	$7 853	138	$8 625
NONMANUFACTURING INDUSTRIES	33	3	6	24	-	-	-	-	-	$7 667	$6 463	15	$9 000
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	9	3	6	-	-	-	-	-	-	$4 250	$3 107	-	-
ALL OTHER INDUSTRIES	24	-	-	24	-	-	-	-	-	$8 400	$7 722	15	$9 000
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	1 381	156	404	622	181	18	-	-	-	$6 705	$6 330	646	$8 500
WELDERS AND CUTTERS	61	-	40	21	-	-	-	-	-	$5 050	$4 985	14	$7 750
ASSEMBLERS	1 127	149	299	536	125	18	-	-	-	$6 752	$6 265	562	$8 477
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	193	7	65	65	56	-	-	-	-	$6 891	$7 131	70	$10 069
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	346	22	110	118	90	6	-	-	-	$7 155	$7 231	189	$9 567
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	163	14	73	48	9	19	-	-	-	$5 633	$5 945	43	$11 444
MOTOR VEHICLE OPERATORS	90	8	63	-	-	19	-	-	-	$4 083	$5 563	19	$15 439
TRUCK DRIVERS AND DRIVER-SALES WORKERS	24	-	5	-	-	19	-	-	-	$15 300	$12 418	19	$15 439
BUS DRIVERS	58	-	58	-	-	-	-	-	-	$3 750	$3 410	-	-
RAIL AND WATER TRANSPORTATION OCCUPATIONS	3	-	3	-	-	-	-	-	-	$4 500	$4 225	3	$4 500
MATERIAL MOVING EQUIPMENT OPERATORS	70	6	7	48	9	-	-	-	-	$7 467	$6 511	21	$7 750
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	672	84	217	288	65	18	-	-	-	$6 391	$6 207	365	$7 628
CONSTRUCTION LABORERS	5	-	-	5	-	-	-	-	-	$9 000	$8 625	5	$9 000
FREIGHT, STOCK, AND MATERIAL HANDLERS	89	31	30	23	5	-	-	-	-	$2 844	$4 184	43	$6 565
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	17	-	17	-	-	-	-	-	-	$5 500	$5 167	-	-
HAND PACKERS AND PACKAGERS	438	43	120	205	52	18	-	-	-	$6 806	$6 733	246	$7 685
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	19	5	-	14	-	-	-	-	-	$8 643	$6 921	7	$9 000
LABORERS, EXCEPT CONSTRUCTION	104	5	50	41	8	-	-	-	-	$5 700	$5 643	64	$8 000
MANUFACTURING	61	5	19	29	8	-	-	-	-	$8 125	$6 644	47	$8 708
NONDURABLE GOODS	27	5	10	12	-	-	-	-	-	$4 850	$5 689	22	$8 167
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	34	-	9	17	8	-	-	-	-	$8 500	$7 402	25	$9 250
METAL INDUSTRIES	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING INDUSTRIES	43	-	31	12	-	-	-	-	-	$5 050	$4 224	17	$6 583
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	5	-	5	-	-	-	-	-	-	$5 500	$5 725	5	$5 500
WHOLESALE AND RETAIL TRADE	17	-	5	12	-	-	-	-	-	$6 583	$6 244	12	$7 000
ALL OTHER INDUSTRIES	21	-	21	-	-	-	-	-	-	$2 500	$2 231	-	-
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	14	-	14	-	-	-	-	-	-	$4 125	$3 988	-	-

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, 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

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
MALE EXPERIENCED CIVILIAN LABOR FORCE	741 872	48 668	92 427	92 123	135 127	132 266	96 872	118 019	26 370	$15 069	$17 435	506 575	$17 970
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	237 430	5 963	15 881	16 254	28 871	39 052	38 381	73 052	19 976	$21 357	$25 393	182 064	$23 743
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	115 463	2 008	5 643	6 926	14 593	18 592	16 940	39 698	11 063	$22 628	$27 263	97 523	$24 464
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	3 997	113	184	158	440	764	800	1 474	64	$21 744	$22 656	3 385	$22 936
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	4 103	39	150	95	308	557	680	2 052	222	$25 727	$26 649	3 056	$26 429
MANAGERS, MEDICINE AND HEALTH	1 360	10	91	54	181	250	162	512	100	$22 618	$24 777	1 173	$24 820
OTHER SPECIFIED MANAGERS	21 012	174	589	897	2 031	2 944	3 324	9 136	1 917	$25 779	$28 627	18 878	$26 852
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	51 241	924	2 436	3 334	5 746	6 812	6 543	18 366	7 080	$24 834	$30 655	44 030	$26 477
MANUFACTURING	15 299	87	282	435	830	1 621	1 993	7 334	2 717	$29 911	$36 847	14 056	$30 535
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	3 434	51	59	53	242	494	554	1 667	314	$26 798	$29 992	3 193	$27 468
WHOLESALE AND RETAIL TRADE	12 385	272	775	1 385	2 343	1 909	1 504	2 710	1 487	$18 419	$26 334	10 286	$20 468
ALL OTHER INDUSTRIES	20 123	514	1 320	1 461	2 331	2 788	2 492	6 655	2 562	$23 038	$28 721	16 495	$25 725
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	3 288	215	328	376	538	525	450	607	249	$16 441	$22 689	2 580	$18 057
CONSTRUCTION	622	39	98	65	105	92	91	124	8	$15 161	$16 360	415	$17 808
MANUFACTURING	399	25	57	51	49	13	84	92	28	$20 188	$24 446	338	$21 647
WHOLESALE AND RETAIL TRADE	1 088	69	93	153	184	233	145	162	49	$15 697	$18 082	903	$16 455
ALL OTHER INDUSTRIES	1 179	82	80	107	200	187	130	229	164	$17 869	$29 685	924	$19 617
MANAGEMENT RELATED OCCUPATIONS	30 462	533	1 865	2 012	5 349	6 740	4 981	7 551	1 431	$18 770	$21 908	24 421	$20 464
ACCOUNTANTS AND AUDITORS	13 363	265	919	1 072	2 613	2 903	2 139	3 010	442	$17 693	$20 025	10 454	$19 958
BUYERS AND PURCHASING AGENTS	4 067	53	295	273	703	1 142	706	796	99	$17 601	$19 511	3 415	$18 726
PROFESSIONAL SPECIALTY OCCUPATIONS	121 967	3 955	10 238	9 328	14 278	20 460	21 441	33 354	8 913	$20 481	$23 622	84 541	$23 097
ENGINEERS, ARCHITECTS, AND SURVEYORS	30 454	330	1 069	1 165	2 244	4 937	6 271	13 657	781	$24 191	$24 633	25 593	$25 587
ARCHITECTS	2 385	49	126	174	331	404	406	734	161	$21 066	$23 824	1 802	$23 708
ENGINEERS	27 909	281	935	971	1 868	4 482	5 849	12 909	614	$24 517	$24 744	23 639	$25 718
ELECTRICAL AND ELECTRONIC ENGINEERS	8 139	63	280	294	419	1 081	1 570	4 308	124	$25 744	$25 437	6 976	$26 704
MECHANICAL ENGINEERS	4 153	69	129	162	227	599	988	1 930	49	$24 346	$24 032	3 514	$25 548
OTHER ENGINEERS	15 617	149	526	515	1 222	2 802	3 291	6 671	441	$23 666	$24 571	13 149	$25 165
SURVEYORS AND MAPPING SCIENTISTS	160	-	8	20	45	51	16	14	6	$15 416	$17 450	152	$15 676
MATHEMATICAL AND COMPUTER SCIENTISTS	6 013	66	206	252	512	1 211	1 507	2 100	159	$22 067	$23 257	5 019	$23 279
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	4 202	44	118	141	374	838	1 118	1 487	82	$22 149	$22 942	3 531	$23 302
NATURAL SCIENTISTS	4 355	59	425	238	702	685	519	1 516	211	$20 533	$22 533	3 507	$23 567
HEALTH DIAGNOSING OCCUPATIONS	12 000	131	240	497	650	1 719	1 061	3 339	4 363	$37 005	$43 494	8 845	$40 959
PHYSICIANS	8 910	66	120	339	381	1 471	679	2 152	3 702	$40 941	$46 343	6 944	$43 514
DENTISTS	2 034	39	77	73	152	132	209	853	499	$34 600	$38 408	1 225	$38 213
OTHER HEALTH DIAGNOSING PRACTITIONERS	1 056	26	43	85	117	116	173	334	162	$23 861	$29 252	676	$26 865
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	4 027	210	538	436	987	934	591	292	39	$14 107	$14 362	2 679	$16 393
REGISTERED NURSES	829	23	81	144	234	191	96	38	22	$13 465	$14 929	491	$15 411
PHARMACISTS	1 958	116	349	105	329	449	393	200	17	$15 627	$15 065	1 336	$18 485
THERAPISTS	979	56	102	140	371	198	70	42	-	$12 404	$12 488	646	$13 891
TEACHERS, LIBRARIANS, AND COUNSELORS	30 276	1 269	3 487	2 664	4 066	6 210	6 942	4 911	727	$17 514	$18 125	14 841	$20 590
TEACHERS, POSTSECONDARY	9 902	373	1 445	815	690	1 490	1 512	2 951	626	$20 351	$22 318	5 384	$25 810
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	9 085	304	667	699	1 363	2 394	2 885	742	31	$17 672	$16 704	3 938	$19 568
TEACHERS, SECONDARY	6 052	133	408	421	1 109	1 560	1 844	558	19	$17 579	$17 028	2 906	$19 149
SOCIAL SCIENTISTS AND URBAN PLANNERS	3 676	74	287	319	511	575	646	1 046	218	$20 420	$23 125	2 614	$23 047
SOCIAL AND RECREATION WORKERS	3 451	208	394	526	1 036	842	300	145	-	$12 820	$12 783	2 452	$14 765
RELIGIOUS WORKERS	2 131	145	458	547	401	225	203	139	13	$8 910	$11 544	1 578	$10 992
LAWYERS AND JUDGES	10 396	262	723	693	754	956	1 332	3 693	1 983	$26 762	$34 278	8 188	$29 335
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	15 188	1 201	2 411	1 991	2 415	2 166	2 069	2 516	419	$13 944	$16 748	9 225	$19 037
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	166 401	11 187	22 572	20 590	32 449	32 152	21 069	21 417	4 965	$14 325	$16 326	115 504	$17 102
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	30 379	1 291	3 741	3 168	6 799	6 876	4 227	3 804	473	$15 091	$15 999	21 454	$17 172
HEALTH TECHNOLOGISTS AND TECHNICIANS	3 135	186	448	471	973	579	183	234	61	$12 345	$13 749	2 123	$14 538
LICENSED PRACTICAL NURSES	226	12	28	39	122	25	-	-	-	$11 046	$10 207	147	$12 249
ENGINEERING AND SCIENCE TECHNICIANS	14 428	568	1 676	1 486	3 279	3 732	2 174	1 431	82	$15 174	$15 116	10 527	$16 789
ELECTRICAL AND ELECTRONIC TECHNICIANS	4 465	142	465	529	1 097	1 319	535	378	-	$14 997	$14 583	3 239	$16 242
DRAFTING AND SURVEYING TECHNICIANS	4 819	183	502	507	1 143	1 235	868	368	13	$15 192	$14 813	3 546	$16 736
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	12 816	537	1 617	1 211	2 547	2 565	1 870	2 139	330	$15 709	$17 544	8 804	$18 681
AIRPLANE PILOTS AND NAVIGATORS	380	-	20	24	31	15	20	100	170	$45 560	$44 642	201	$40 353
COMPUTER PROGRAMMERS	5 503	181	619	431	1 139	1 323	937	820	53	$16 057	$16 663	3 914	$18 753
SALES OCCUPATIONS	67 577	4 945	8 537	6 686	11 394	10 660	8 569	12 537	4 249	$15 806	$19 614	47 622	$19 518
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	13 507	478	895	1 422	3 088	2 636	2 023	2 299	666	$16 285	$19 558	11 155	$17 570
SELF-EMPLOYED	2 752	186	298	407	512	436	376	376	161	$14 679	$17 956	2 184	$16 126
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	15 947	554	1 101	1 252	2 223	2 521	2 250	4 088	1 958	$20 567	$26 851	12 298	$22 934
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	16 264	358	1 007	995	2 412	2 869	2 664	4 619	1 340	$20 721	$24 357	13 267	$22 342
SALES WORKERS, RETAIL AND PERSONAL SERVICES	21 741	3 555	5 505	3 002	3 656	2 614	1 613	1 511	285	$8 231	$10 819	10 815	$15 010
CASHIERS	4 418	1 047	1 667	593	685	326	74	19	7	$4 435	$6 371	1 311	$12 145
SALES RELATED OCCUPATIONS	118	-	29	15	15	20	19	20	-	$15 000	$14 529	87	$17 415

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BOSTON, MA SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	68 445	4 951	10 294	10 736	14 256	14 616	8 273	5 076	243	$12 669	$13 224	46 428	$15 726
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	9 936	139	417	565	1 927	2 327	1 932	2 538	91	$18 842	$19 643	8 599	$20 028
COMPUTER EQUIPMENT OPERATORS	3 330	130	532	439	1 123	718	224	156	8	$12 457	$12 560	2 330	$13 984
SECRETARIES, STENOGRAPHERS, AND TYPISTS	1 346	181	302	244	282	137	81	103	16	$9 053	$11 061	657	$13 153
SECRETARIES	769	66	140	138	207	83	51	68	16	$10 764	$12 794	458	$13 126
RECEPTIONISTS	456	151	152	56	34	17	46	-	-	$3 275	$5 993	111	$11 700
FILE CLERKS	1 007	205	290	199	168	58	58	19	10	$6 230	$7 935	403	$12 107
FINANCIAL RECORDS PROCESSING OCCUPATIONS	3 891	220	761	798	991	641	299	162	19	$10 662	$11 489	2 324	$13 506
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	2 900	174	537	602	733	495	221	119	19	$10 765	$11 635	1 731	$13 715
TELEPHONE OPERATORS	395	41	120	87	55	58	10	24	-	$8 058	$9 631	205	$11 963
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	10 739	591	875	1 055	970	4 744	2 182	322	-	$16 269	$15 395	8 470	$17 054
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	13 635	1 143	2 479	3 195	3 693	1 980	836	309	-	$10 001	$10 347	8 676	$12 559
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	1 227	32	59	172	270	336	232	102	24	$15 826	$17 379	1 024	$16 839
BANK TELLERS	1 106	102	277	350	272	62	37	6	-	$8 370	$8 290	590	$10 514
DATA-ENTRY KEYERS	512	29	112	118	84	83	70	16	-	$9 903	$11 112	338	$14 016
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	20 865	1 987	3 918	3 458	4 387	3 455	2 266	1 319	75	$11 156	$12 051	12 701	$15 190
SERVICE OCCUPATIONS	87 810	13 576	19 459	16 170	15 721	11 043	7 184	4 452	205	$8 624	$10 066	48 038	$13 534
PRIVATE HOUSEHOLD OCCUPATIONS	414	137	73	121	61	22	-	-	-	$5 700	$5 682	141	$9 870
PROTECTIVE SERVICE OCCUPATIONS	25 250	1 300	3 019	2 326	3 002	6 305	5 684	3 585	29	$16 874	$16 088	19 286	$18 927
FIREFIGHTING OCCUPATIONS	6 132	58	70	157	420	2 511	2 161	755	-	$19 541	$19 306	5 712	$19 817
POLICE AND DETECTIVES, PUBLIC SERVICE	6 804	64	154	180	486	2 020	2 194	1 695	11	$20 751	$20 742	5 970	$21 011
GUARDS	9 008	1 080	2 667	1 870	1 562	982	562	279	6	$7 550	$9 076	4 663	$12 374
OTHER PROTECTIVE SERVICE OCCUPATIONS	3 306	98	128	119	534	792	767	856	12	$19 841	$19 645	2 941	$20 382
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	62 146	12 139	16 367	13 723	12 658	4 716	1 500	867	176	$6 710	$7 648	28 611	$10 985
FOOD PREPARATION AND SERVICE OCCUPATIONS	26 870	7 044	8 525	5 973	3 464	1 121	429	248	66	$4 736	$6 047	9 449	$9 395
WAITERS AND FOOD COUNTER WORKERS	4 035	1 066	1 557	896	384	106	26	-	-	$4 234	$5 003	1 061	$8 049
COOKS	9 055	1 767	2 657	2 395	1 627	362	128	85	34	$6 149	$6 874	3 912	$9 560
HEALTH SERVICE OCCUPATIONS	3 809	473	867	1 185	973	176	89	32	14	$8 137	$8 260	2 007	$10 493
NURSING AIDES, ORDERLIES, AND ATTENDANTS	2 848	268	602	985	787	103	63	26	14	$8 485	$8 605	1 608	$10 296
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	25 556	3 747	5 361	5 307	7 213	2 754	672	430	72	$8 796	$8 959	14 222	$11 955
PERSONAL SERVICE OCCUPATIONS	5 911	875	1 614	1 258	1 008	665	310	157	24	$7 407	$8 865	2 933	$11 213
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	2 617	141	572	593	709	311	142	125	24	$10 014	$11 050	1 796	$11 579
FARMING, FORESTRY, AND FISHING OCCUPATIONS	6 398	967	1 447	1 237	1 537	660	264	200	86	$8 439	$9 963	2 973	$12 286
FARM OPERATORS AND MANAGERS	692	72	173	111	110	63	67	46	50	$9 714	$15 560	403	$12 775
FARM OCCUPATIONS, EXCEPT MANAGERIAL	610	139	154	170	95	24	-	22	6	$6 216	$7 384	225	$10 121
RELATED AGRICULTURAL OCCUPATIONS	4 254	692	925	841	1 179	448	93	76	-	$8 349	$8 557	2 006	$12 270
FORESTRY AND FISHING OCCUPATIONS	842	64	195	115	153	125	104	56	30	$11 424	$14 340	339	$15 254
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	123 132	4 926	12 138	16 215	27 887	28 463	19 111	13 531	861	$15 046	$15 206	87 475	$16 639
MECHANICS AND REPAIRERS	37 117	1 616	3 165	5 181	8 965	8 390	5 676	4 021	103	$14 737	$14 881	28 726	$16 130
AUTOMOBILE MECHANICS, INCLUDING BODY	11 870	712	1 333	2 534	3 438	2 366	980	489	18	$11 866	$12 114	8 900	$13 306
AIRCRAFT MECHANICS	788	6	44	30	93	111	181	323	-	$22 629	$20 885	686	$23 718
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	2 164	61	159	240	607	505	320	261	11	$15 097	$15 491	1 630	$16 557
OTHER MECHANICS AND REPAIRERS	22 295	837	1 629	2 377	4 827	5 408	4 195	2 948	74	$15 992	$16 082	17 510	$17 369
CONSTRUCTION TRADES	43 853	2 045	5 471	6 691	9 925	9 203	5 951	4 147	420	$13 687	$14 350	25 163	$16 548
CARPENTERS	12 305	784	2 154	2 255	3 065	2 216	1 248	557	26	$11 540	$11 769	5 737	$14 744
ELECTRICIANS	6 259	211	472	766	1 286	1 622	1 090	767	45	$15 854	$15 948	4 490	$17 207
PAINTERS, CONSTRUCTION AND MAINTENANCE	4 407	371	996	940	1 074	687	203	99	37	$9 581	$10 445	1 936	$13 093
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	5 350	141	514	676	1 195	1 247	842	704	31	$15 407	$15 647	3 748	$16 533
OTHER CONSTRUCTION TRADES	15 532	538	1 335	2 054	3 305	3 431	2 568	2 020	281	$15 548	$16 411	9 252	$18 566
EXTRACTIVE OCCUPATIONS	179	2	16	13	16	77	40	15	-	$17 043	$16 026	125	$18 826
PRECISION PRODUCTION OCCUPATIONS	41 983	1 263	3 486	4 330	8 981	10 793	7 444	5 348	338	$15 970	$16 386	33 461	$17 139
SUPERVISORS, PRODUCTION OCCUPATIONS	16 051	237	690	853	2 683	4 081	3 776	3 471	260	$19 134	$19 846	14 179	$20 015
MANUFACTURING	11 116	110	355	504	1 820	2 811	2 818	2 545	153	$19 894	$20 281	9 996	$20 301
PRECISION METALWORKING OCCUPATIONS	13 434	451	1 206	1 605	3 393	3 709	2 175	876	19	$15 050	$14 531	10 213	$15 947
TOOL AND DIE MAKERS	1 162	28	72	114	209	344	272	123	-	$16 752	$16 586	925	$18 082
MACHINISTS	8 975	326	860	1 186	2 389	2 423	1 239	533	19	$14 327	$14 077	6 881	$15 540
SHEET METAL WORKERS	1 721	34	136	195	366	534	339	117	-	$15 801	$15 263	1 203	$16 549
OTHER PRECISION METAL WORKERS	1 576	63	138	110	429	408	325	103	-	$15 386	$14 800	1 204	$16 402
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	1 550	119	186	293	515	231	135	65	6	$12 104	$12 033	1 008	$13 327
PLANT AND SYSTEM OPERATORS	2 049	20	85	86	350	530	436	542	-	$19 392	$19 529	1 742	$20 391
OTHER PRECISION PRODUCTION OCCUPATIONS	8 899	436	1 319	1 493	2 040	2 242	922	394	53	$12 777	$12 980	6 319	$15 114

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BOSTON, MA SMSA	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
OPERATORS, FABRICATORS, AND LABORERS	120 406	12 034	20 811	21 555	28 630	20 886	10 857	5 356	277	$10 927	$11 352	70 397	$14 121
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	50 039	3 112	7 096	9 262	14 199	10 325	4 176	1 806	63	$11 876	$11 934	33 710	$13 841
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	32 231	1 819	4 399	6 242	9 228	6 374	2 840	1 281	48	$11 970	$12 097	22 083	$13 730
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	4 093	220	460	603	1 221	899	481	202	7	$12 999	$12 952	2 824	$15 140
PRINTING MACHINE OPERATORS	5 566	197	539	760	1 287	1 335	916	522	10	$15 000	$14 865	4 283	$16 205
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	3 103	218	708	982	731	307	112	40	5	$8 634	$9 242	1 732	$10 569
TEXTILE MACHINE OPERATORS	523	34	95	105	163	94	17	15	-	$11 058	$11 133	348	$12 822
TEXTILE SEWING MACHINE OPERATORS	367	45	82	100	79	42	-	19	-	$8 682	$8 906	152	$11 778
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	1 005	88	228	391	180	83	24	6	5	$8 427	$8 522	578	$9 526
OTHER SPECIFIED MACHINE OPERATORS	8 673	547	1 366	1 652	2 670	1 676	572	178	12	$11 458	$11 346	5 864	$13 208
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	10 796	637	1 326	2 245	3 319	2 157	759	339	14	$11 695	$11 771	7 380	$13 219
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	2 859	157	384	542	922	528	216	110	-	$11 737	$11 825	1 857	$13 623
MACHINE OPERATORS, NOT SPECIFIED	7 937	480	942	1 703	2 397	1 629	543	229	14	$11 679	$11 752	5 523	$13 079
INDUSTRY:													
MANUFACTURING	9 256	501	1 111	2 038	2 892	1 856	556	288	14	$11 635	$11 728	6 361	$13 031
NONDURABLE GOODS	3 455	287	431	816	1 042	629	177	64	9	$10 876	$10 924	2 197	$12 834
FOOD AND KINDRED PRODUCTS	629	9	100	189	150	125	49	7	-	$10 367	$11 424	394	$12 816
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	209	27	10	72	53	34	13	-	-	$9 690	$10 129	112	$13 073
PAPER AND ALLIED PRODUCTS	823	73	72	164	239	223	38	14	-	$12 433	$11 647	535	$14 222
OTHER NONDURABLE GOODS	1 794	178	249	391	600	247	77	43	9	$10 598	$10 510	1 156	$12 278
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	5 801	214	680	1 222	1 850	1 227	379	224	5	$12 060	$12 207	4 164	$13 133
METAL INDUSTRIES	1 117	69	109	314	298	226	67	29	5	$11 031	$11 666	793	$12 523
MACHINERY, INCLUDING ELECTRICAL	1 997	74	303	422	658	346	119	75	-	$11 489	$11 702	1 402	$12 799
TRANSPORTATION EQUIPMENT	708	14	84	102	230	170	74	34	-	$13 210	$13 309	479	$14 519
OTHER DURABLE GOODS	1 979	57	184	384	664	485	119	86	-	$12 535	$12 627	1 490	$13 307
NONMANUFACTURING INDUSTRIES	1 540	136	215	207	427	301	203	51	-	$12 042	$12 029	1 019	$14 782
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	347	4	5	20	90	118	75	35	-	$16 708	$17 217	283	$17 553
WHOLESALE AND RETAIL TRADE	477	39	74	71	135	78	71	9	-	$11 397	$11 511	304	$14 931
ALL OTHER INDUSTRIES	716	93	136	116	202	105	57	7	-	$10 271	$9 861	432	$12 682
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	13 240	1 116	2 152	2 442	3 758	2 590	870	297	15	$11 087	$11 027	8 290	$13 356
WELDERS AND CUTTERS	4 197	172	368	596	1 306	1 223	399	128	5	$13 503	$13 203	3 012	$15 066
ASSEMBLERS	8 192	846	1 586	1 722	2 214	1 270	407	143	4	$9 893	$9 939	4 781	$12 460
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	851	98	198	124	238	97	64	26	6	$10 092	$10 763	497	$12 891
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	4 568	177	545	578	1 213	1 361	466	228	-	$13 818	$13 412	3 337	$15 544
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	35 444	2 122	4 865	5 737	7 975	6 516	5 080	2 986	163	$12 831	$13 573	22 775	$15 639
MOTOR VEHICLE OPERATORS	28 095	1 824	4 286	4 799	6 046	4 881	4 028	2 112	119	$12 312	$13 123	17 951	$15 585
TRUCK DRIVERS AND DRIVER-SALES WORKERS	20 630	1 242	2 355	3 200	4 939	3 914	3 192	1 693	95	$13 303	$13 967	13 879	$15 802
BUS DRIVERS	2 974	72	473	455	369	572	670	356	7	$15 767	$14 918	1 892	$20 037
RAIL AND WATER TRANSPORTATION OCCUPATIONS	1 587	86	31	111	225	239	435	453	7	$20 824	$19 772	1 120	$21 811
MATERIAL MOVING EQUIPMENT OPERATORS	5 762	212	548	827	1 704	1 396	617	421	37	$13 543	$14 063	3 704	$14 690
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	526	12	43	67	127	154	72	45	6	$15 278	$15 559	310	$15 873
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	34 923	6 800	8 850	6 556	6 456	4 045	1 601	564	51	$7 069	$8 262	13 912	$12 617
CONSTRUCTION LABORERS	5 813	435	1 093	1 391	1 560	850	283	159	42	$9 964	$10 680	2 181	$13 400
FREIGHT, STOCK, AND MATERIAL HANDLERS	12 375	3 262	3 523	1 824	1 585	1 471	541	169	-	$4 940	$7 303	4 200	$13 526
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	2 908	946	1 018	515	241	126	55	7	-	$3 252	$4 955	763	$9 560
HAND PACKERS AND PACKAGERS	2 509	382	567	644	539	215	121	41	-	$7 629	$8 386	1 205	$11 716
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	3 450	681	969	641	550	349	185	75	-	$6 423	$7 952	1 440	$12 518
LABORERS, EXCEPT CONSTRUCTION	7 868	1 094	1 680	1 541	1 981	1 034	416	113	9	$9 118	$9 304	4 123	$12 471
MANUFACTURING	2 317	274	451	561	672	233	93	33	-	$9 156	$9 187	1 277	$11 807
NONDURABLE GOODS	1 256	118	194	294	429	147	56	18	-	$10 200	$9 915	781	$11 752
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	1 061	156	257	267	243	86	37	15	-	$7 992	$8 325	496	$11 921
METAL INDUSTRIES	223	13	48	86	60	12	-	4	-	$8 310	$8 791	126	$10 182
NONMANUFACTURING INDUSTRIES	5 551	820	1 229	980	1 309	801	323	80	9	$9 098	$9 353	2 846	$12 824
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	1 288	122	149	182	386	253	176	20	-	$12 422	$11 954	729	$14 748
WHOLESALE AND RETAIL TRADE	2 655	386	682	534	521	346	128	54	4	$8 218	$8 923	1 354	$12 000
ALL OTHER INDUSTRIES	1 608	312	398	264	402	202	19	6	5	$7 567	$7 979	763	$12 380
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	295	15	119	102	32	10	6	11	-	$6 422	$7 644	124	$6 571

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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BOSTON, MA SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
FEMALE EXPERIENCED CIVILIAN LABOR FORCE	601 531	80 880	158 033	142 520	133 628	56 345	19 764	9 376	985	$7 811	$8 484	280 294	$11 224
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	163 419	12 050	25 721	26 332	43 614	34 175	14 123	6 766	638	$12 023	$12 142	83 035	$14 734
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	51 635	2 362	6 430	8 659	16 344	9 735	4 359	3 448	298	$12 316	$13 144	35 855	$14 057
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	2 015	126	211	219	596	506	171	186	-	$13 636	$14 025	1 479	$15 334
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	3 674	146	418	562	932	617	561	421	17	$13 552	$14 623	2 187	$15 198
MANAGERS, MEDICINE AND HEALTH	1 582	77	75	200	482	342	246	160	-	$14 527	$14 921	1 161	$15 636
OTHER SPECIFIED MANAGERS	7 141	203	696	1 066	2 304	1 520	727	558	67	$13 189	$14 394	5 415	$14 810
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	20 169	864	3 025	3 488	6 152	3 485	1 526	1 476	153	$11 872	$12 966	13 649	$14 010
MANUFACTURING	2 882	61	204	365	993	561	277	360	61	$13 883	$16 476	2 266	$15 157
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	1 273	12	88	128	255	301	207	271	11	$17 075	$17 841	1 041	$18 299
WHOLESALE AND RETAIL TRADE	4 179	209	806	1 017	1 257	528	138	198	26	$10 184	$10 899	2 672	$11 916
ALL OTHER INDUSTRIES	11 835	582	1 927	1 978	3 647	2 095	904	647	55	$11 617	$12 318	7 670	$14 000
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	685	105	167	131	141	46	52	43	-	$8 365	$9 552	368	$9 167
CONSTRUCTION	12	-	6	-	6	-	-	-	-	$8 000	$8 380	6	$12 272
MANUFACTURING	96	31	18	14	20	-	13	-	-	$5 833	$7 263	32	$7 143
WHOLESALE AND RETAIL TRADE	269	17	86	80	42	19	10	15	-	$8 204	$9 383	161	$7 381
ALL OTHER INDUSTRIES	308	57	57	37	73	27	29	28	-	$10 273	$10 458	169	$12 767
MANAGEMENT RELATED OCCUPATIONS	16 369	841	1 838	2 993	5 737	3 219	1 076	604	61	$12 077	$12 357	11 596	$13 504
ACCOUNTANTS AND AUDITORS	5 290	271	709	1 017	1 758	1 051	347	133	4	$12 009	$11 791	3 476	$13 747
BUYERS AND PURCHASING AGENTS	2 456	109	231	506	1 019	340	122	113	16	$11 605	$12 159	1 952	$12 299
PROFESSIONAL SPECIALTY OCCUPATIONS	111 784	9 688	19 291	17 673	27 270	24 440	9 764	3 318	340	$11 801	$11 679	47 180	$15 138
ENGINEERS, ARCHITECTS, AND SURVEYORS	1 573	86	228	253	365	332	208	101	-	$12 622	$13 515	957	$16 426
ARCHITECTS	391	33	73	35	109	92	36	13	-	$12 176	$11 984	190	$16 702
ENGINEERS	1 172	53	155	218	256	234	168	88	-	$12 730	$13 996	757	$16 220
ELECTRICAL AND ELECTRONIC ENGINEERS	310	28	40	22	67	57	63	33	-	$14 766	$15 755	243	$17 143
MECHANICAL ENGINEERS	100	-	10	6	31	37	16	-	-	$15 211	$14 884	60	$16 205
OTHER ENGINEERS	762	25	105	190	158	140	89	55	-	$11 694	$13 163	454	$15 836
SURVEYORS AND MAPPING SCIENTISTS	10	-	-	-	-	6	4	-	-	$18 647	$17 035	10	$18 647
MATHEMATICAL AND COMPUTER SCIENTISTS	2 471	83	146	218	655	683	410	276	-	$15 655	$15 743	1 871	$16 857
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	1 269	43	56	108	314	359	252	137	-	$16 126	$16 055	976	$17 271
NATURAL SCIENTISTS	1 526	64	245	163	455	297	153	132	17	$12 862	$13 793	1 044	$15 208
HEALTH DIAGNOSING OCCUPATIONS	2 177	63	152	220	320	550	169	519	184	$17 554	$23 613	1 380	$19 413
PHYSICIANS	1 869	49	56	176	235	539	151	479	184	$18 496	$25 560	1 280	$19 352
DENTISTS	157	6	42	33	36	5	12	23	-	$9 737	$12 162	71	$14 742
OTHER HEALTH DIAGNOSING PRACTITIONERS	151	8	54	11	49	6	6	17	-	$10 357	$11 420	29	$22 527
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	30 910	1 433	4 291	5 613	9 643	7 649	1 865	402	14	$12 206	$11 688	15 341	$15 323
REGISTERED NURSES	25 510	999	3 192	4 717	7 891	6 770	1 607	327	7	$12 452	$11 969	12 817	$15 488
PHARMACISTS	453	13	198	93	64	58	20	7	-	$6 795	$8 629	136	$15 615
THERAPISTS	3 529	260	638	551	1 343	554	142	34	7	$11 283	$10 522	1 648	$13 325
TEACHERS, LIBRARIANS, AND COUNSELORS	49 115	5 290	9 224	6 843	9 755	11 624	5 425	915	39	$11 851	$11 389	14 662	$15 104
TEACHERS, POSTSECONDARY	5 668	496	1 359	742	796	1 114	720	425	16	$12 214	$12 342	1 950	$18 178
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	26 062	2 347	4 424	3 518	5 113	7 278	3 156	203	23	$12 747	$11 908	6 941	$15 108
TEACHERS, SECONDARY	7 477	652	1 153	918	1 758	1 978	943	75	-	$12 910	$12 122	2 145	$15 355
SOCIAL SCIENTISTS AND URBAN PLANNERS	2 665	152	376	391	690	549	285	222	-	$12 963	$13 287	1 361	$15 761
SOCIAL AND RECREATION WORKERS	7 250	556	1 352	1 540	2 424	994	277	99	8	$10 342	$10 108	3 735	$12 702
RELIGIOUS WORKERS	612	99	283	101	69	44	7	9	-	$4 649	$6 461	251	$8 949
LAWYERS AND JUDGES	2 101	140	375	352	331	272	326	264	41	$12 469	$14 481	1 172	$19 905
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	11 384	1 722	2 619	1 979	2 563	1 446	639	379	37	$8 765	$9 588	5 406	$13 221
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	289 375	37 599	77 182	78 231	71 659	18 145	4 284	2 024	251	$7 713	$7 821	144 270	$10 699
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	22 327	1 673	4 519	4 701	7 647	2 643	820	291	33	$10 157	$9 860	11 951	$12 592
HEALTH TECHNOLOGISTS AND TECHNICIANS	12 658	847	2 689	2 969	4 616	1 171	281	63	22	$9 764	$9 346	6 416	$12 192
LICENSED PRACTICAL NURSES	4 754	303	1 156	1 292	1 674	249	47	11	22	$8 790	$8 792	2 099	$11 700
ENGINEERING AND SCIENCE TECHNICIANS	3 347	389	621	762	1 125	355	89	6	-	$9 450	$9 053	1 818	$11 967
ELECTRICAL AND ELECTRONIC TECHNICIANS	626	42	67	166	264	64	23	-	-	$10 650	$10 292	423	$12 045
DRAFTING AND SURVEYING TECHNICIANS	723	75	125	154	234	116	19	-	-	$10 126	$9 611	369	$12 637
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	6 322	437	1 209	970	1 906	1 117	450	222	11	$11 473	$11 317	3 717	$14 140
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	2 690	96	399	340	879	643	244	84	5	$12 864	$12 684	1 780	$15 000
SALES OCCUPATIONS	60 147	14 194	24 242	10 814	6 508	2 479	973	825	112	$4 133	$5 950	17 590	$10 049
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	5 062	425	1 282	1 443	1 278	433	91	91	19	$8 000	$8 833	3 015	$10 796
SELF-EMPLOYED	740	138	270	131	145	28	16	5	7	$5 174	$6 690	359	$8 907
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	9 263	770	1 637	2 099	2 597	1 100	543	456	61	$10 192	$11 178	5 187	$12 303
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	2 687	247	523	580	734	359	130	95	19	$9 956	$10 738	1 638	$12 313
SALES WORKERS, RETAIL AND PERSONAL SERVICES	42 994	12 726	20 747	6 639	1 899	578	209	183	13	$3 233	$4 185	7 695	$8 041
CASHIERS	16 930	5 594	8 138	2 364	597	168	43	26	-	$2 907	$3 666	2 159	$7 954
SALES RELATED OCCUPATIONS	141	26	53	53	-	9	-	-	-	$4 914	$5 728	55	$8 767

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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BOSTON, MA SMSA

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TOTAL													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	206 901	21 732	48 421	62 716	57 504	13 023	2 491	908	106	$8 392	$8 145	114 729	$10 574
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	9 412	188	775	2 052	3 829	1 723	603	242	-	$11 943	$12 258	7 695	$12 571
COMPUTER EQUIPMENT OPERATORS	3 750	348	592	1 164	1 294	284	32	36	-	$9 363	$8 972	2 447	$10 749
SECRETARIES, STENOGRAPHERS, AND TYPISTS	77 476	6 839	16 465	23 571	25 008	4 768	551	243	31	$8 860	$8 401	45 039	$10 748
SECRETARIES	64 959	4 794	12 887	19 546	22 644	4 372	500	185	31	$9 218	$8 736	39 343	$10 895
RECEPTIONISTS	6 104	1 204	1 899	1 973	850	146	18	14	-	$5 866	$6 008	2 405	$9 298
FILE CLERKS	4 219	1 055	1 377	1 225	483	71	8	-	-	$4 815	$5 296	1 673	$8 531
FINANCIAL RECORDS PROCESSING OCCUPATIONS	28 670	2 047	6 636	9 372	8 648	1 602	233	89	43	$8 633	$8 415	16 219	$10 526
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	23 025	1 608	5 365	7 460	6 948	1 324	204	89	27	$8 614	$8 429	12 883	$10 590
TELEPHONE OPERATORS	4 110	433	1 000	1 060	1 337	218	33	23	6	$8 508	$8 424	2 092	$10 911
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	2 602	425	684	688	313	375	117	-	-	$7 460	$8 154	1 206	$11 162
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	3 698	327	1 063	1 184	843	190	64	27	-	$7 464	$7 882	2 072	$9 945
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	1 823	69	237	690	644	177	6	-	-	$9 639	$9 435	1 393	$10 594
BANK TELLERS	6 029	680	2 110	2 347	848	31	7	6	-	$6 364	$6 210	2 793	$8 658
DATA-ENTRY KEYERS	6 542	589	1 643	2 372	1 720	192	20	6	-	$8 227	$7 603	3 501	$9 931
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	52 466	7 528	13 940	15 018	11 687	3 246	799	222	26	$7 468	$7 540	26 194	$10 336
SERVICE OCCUPATIONS	88 645	23 891	37 304	17 934	7 059	1 490	664	263	40	$3 788	$4 780	22 975	$8 259
PRIVATE HOUSEHOLD OCCUPATIONS	4 425	1 941	1 800	516	140	11	10	7	-	$2 415	$3 169	884	$5 613
PROTECTIVE SERVICE OCCUPATIONS	3 182	776	1 294	485	331	111	104	81	-	$3 728	$6 053	902	$11 899
FIREFIGHTING OCCUPATIONS	17	-	-	6	-	5	-	6	-	$16 953	$17 377	17	$16 953
POLICE AND DETECTIVES, PUBLIC SERVICE	415	40	76	74	89	35	70	31	-	$11 029	$11 887	245	$14 950
GUARDS	2 443	727	1 145	361	127	27	28	28	-	$3 226	$4 433	430	$8 794
OTHER PROTECTIVE SERVICE OCCUPATIONS	307	9	73	44	115	44	6	16	-	$12 010	$10 426	210	$12 948
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	81 038	21 174	34 210	16 933	6 588	1 368	550	175	40	$3 876	$4 818	21 189	$8 277
FOOD PREPARATION AND SERVICE OCCUPATIONS	34 093	11 079	16 493	4 769	1 395	213	93	28	23	$3 045	$3 745	5 349	$7 345
WAITERS AND FOOD COUNTER WORKERS	19 475	6 578	9 829	2 278	658	98	28	6	-	$2 900	$3 428	2 566	$6 533
COOKS	4 221	933	2 063	887	295	25	18	-	-	$4 127	$4 622	1 064	$7 931
HEALTH SERVICE OCCUPATIONS	23 144	4 079	8 218	7 192	3 122	380	103	38	12	$5 629	$5 890	9 158	$8 798
NURSING AIDES, ORDERLIES, AND ATTENDANTS	17 514	3 051	6 062	5 431	2 552	284	91	38	5	$5 762	$5 997	7 105	$8 856
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	7 448	1 692	2 867	2 094	682	83	16	14	-	$4 770	$5 158	2 579	$8 228
PERSONAL SERVICE OCCUPATIONS	16 353	4 324	6 632	2 878	1 389	692	338	95	5	$4 024	$5 382	4 103	$7 923
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	4 388	621	2 179	966	473	93	35	21	-	$4 976	$5 482	1 668	$7 244
FARMING, FORESTRY, AND FISHING OCCUPATIONS	1 179	283	417	278	142	42	17	-	-	$4 439	$5 370	404	$8 705
FARM OPERATORS AND MANAGERS	95	26	24	25	9	-	11	-	-	$4 583	$5 470	52	$9 077
FARM OCCUPATIONS, EXCEPT MANAGERIAL	377	113	154	63	24	23	-	-	-	$3 438	$4 546	90	$7 677
RELATED AGRICULTURAL OCCUPATIONS	677	139	239	172	102	19	6	-	-	$4 813	$5 805	239	$9 000
FORESTRY AND FISHING OCCUPATIONS	30	5	-	18	7	-	-	-	-	$8 545	$5 587	23	$7 857
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	10 420	971	2 554	2 937	2 405	968	362	194	29	$8 401	$8 986	6 118	$10 748
MECHANICS AND REPAIRERS	1 329	106	208	294	408	174	78	52	9	$10 454	$10 965	932	$11 757
AUTOMOBILE MECHANICS, INCLUDING BODY	113	23	12	47	25	-	-	6	-	$7 654	$8 320	56	$9 571
AIRCRAFT MECHANICS	20	-	-	-	6	7	7	-	-	$17 248	$17 875	20	$17 248
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER MECHANICS AND REPAIRERS	1 196	83	196	247	377	167	71	46	9	$10 595	$11 099	856	$11 749
CONSTRUCTION TRADES	558	69	187	118	53	76	30	25	-	$6 793	$8 465	251	$13 419
CARPENTERS	140	18	46	20	31	9	-	16	-	$7 714	$9 058	66	$13 312
ELECTRICIANS	81	6	18	19	5	19	5	9	-	$9 583	$11 572	53	$16 146
PAINTERS, CONSTRUCTION AND MAINTENANCE	125	22	73	25	5	-	-	-	-	$3 375	$3 759	11	$7 833
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	38	12	14	5	-	7	-	-	-	$4 000	$3 479	17	$9 400
OTHER CONSTRUCTION TRADES	174	11	36	49	12	41	25	-	-	$9 400	$11 011	104	$13 684
EXTRACTIVE OCCUPATIONS	5	5	-	-	-	-	-	-	-	$1,000-	$205	-	-
PRECISION PRODUCTION OCCUPATIONS	8 528	791	2 159	2 525	1 944	718	254	117	20	$8 214	$8 717	4 935	$10 422
SUPERVISORS, PRODUCTION OCCUPATIONS	2 890	70	380	648	934	522	217	99	20	$11 428	$12 269	2 214	$12 379
MANUFACTURING	1 873	41	140	360	712	400	157	57	6	$12 128	$12 785	1 523	$12 725
PRECISION METALWORKING OCCUPATIONS	652	67	193	173	159	48	12	-	-	$7 435	$7 990	379	$8 986
TOOL AND DIE MAKERS	34	-	20	-	14	-	-	-	-	$5 850	$9 134	6	$12 272
MACHINISTS	337	12	89	105	104	20	7	-	-	$8 529	$8 608	215	$8 932
SHEET METAL WORKERS	41	6	6	-	22	7	-	-	-	$11 700	$9 890	25	$13 177
OTHER PRECISION METAL WORKERS	240	49	78	68	19	21	5	-	-	$5 844	$6 636	133	$8 033
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	1 266	165	533	420	94	38	12	4	-	$5 578	$5 893	444	$7 846
PLANT AND SYSTEM OPERATORS	49	-	12	12	13	12	-	-	-	$10 167	$10 053	37	$12 156
OTHER PRECISION PRODUCTION OCCUPATIONS	3 671	489	1 041	1 272	744	98	13	14	-	$7 087	$7 005	1 861	$9 370

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, 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

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
OPERATORS, FABRICATORS, AND LABORERS	48 408	6 075	14 819	16 776	8 749	1 519	314	129	27	$6 726	$6 853	23 482	$9 023
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	36 539	3 727	10 471	13 504	7 315	1 180	232	83	27	$7 151	$7 203	19 178	$9 133
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	20 135	2 006	6 369	7 689	3 303	554	147	51	16	$6 786	$6 922	9 895	$8 682
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	514	72	161	148	123	-	10	-	-	$6 593	$6 786	253	$9 655
PRINTING MACHINE OPERATORS	1 387	130	465	372	351	44	25	-	-	$6 995	$7 301	742	$9 922
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	9 714	876	3 683	3 992	984	106	24	39	10	$6 244	$6 282	3 996	$7 833
TEXTILE MACHINE OPERATORS	302	12	94	124	64	8	-	-	-	$8 000	$7 432	190	$9 000
TEXTILE SEWING MACHINE OPERATORS	6 830	457	2 679	2 919	665	74	13	13	10	$6 306	$6 323	2 627	$7 770
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	1 354	302	501	381	125	14	11	20	-	$4 917	$5 667	584	$8 392
OTHER SPECIFIED MACHINE OPERATORS	2 728	305	830	963	484	129	17	-	-	$6 843	$6 966	1 434	$8 955
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	5 792	623	1 230	2 214	1 361	275	71	12	6	$8 002	$7 895	3 470	$9 421
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	1 699	201	338	690	419	36	15	-	-	$8 189	$7 557	953	$9 238
MACHINE OPERATORS, NOT SPECIFIED	4 093	422	892	1 524	942	239	56	12	6	$7 900	$8 035	2 517	$9 518
INDUSTRY:													
MANUFACTURING	4 929	444	1 030	1 926	1 177	263	71	12	6	$8 180	$8 164	3 033	$9 461
NONDURABLE GOODS	1 721	185	472	721	255	42	34	12	-	$7 005	$7 208	966	$8 439
FOOD AND KINDRED PRODUCTS	193	6	59	88	27	7	-	6	-	$7 189	$7 750	69	$9 095
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	245	26	126	93	-	-	-	-	-	$5 298	$5 296	127	$6 512
PAPER AND ALLIED PRODUCTS	483	39	121	223	88	6	6	-	-	$7 567	$7 297	263	$9 026
OTHER NONDURABLE GOODS	800	114	166	317	140	29	28	6	-	$7 231	$7 609	507	$8 620
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	3 208	259	558	1 205	922	221	37	-	6	$8 826	$8 677	2 067	$9 901
METAL INDUSTRIES	446	38	40	112	197	53	-	-	6	$10 667	$10 267	320	$11 770
MACHINERY, INCLUDING ELECTRICAL	1 584	126	273	667	455	58	5	-	-	$8 729	$8 279	988	$9 627
TRANSPORTATION EQUIPMENT	217	-	5	71	120	21	-	-	-	$11 226	$10 832	172	$11 434
OTHER DURABLE GOODS	961	95	240	355	150	89	32	-	-	$7 692	$8 109	587	$8 875
NONMANUFACTURING INDUSTRIES	863	179	200	288	184	12	-	-	-	$6 729	$6 356	437	$9 185
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	72	7	27	-	38	-	-	-	-	$10 286	$8 036	38	$12 097
WHOLESALE AND RETAIL TRADE	343	104	93	115	26	5	-	-	-	$5 636	$4 825	156	$7 032
ALL OTHER INDUSTRIES	448	68	80	173	120	7	-	-	-	$8 268	$7 257	243	$9 837
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	12 029	1 401	3 286	4 347	2 497	414	47	26	11	$7 231	$7 160	6 472	$9 245
WELDERS AND CUTTERS	373	23	100	158	42	50	-	-	-	$8 425	$8 361	216	$9 137
ASSEMBLERS	10 561	1 301	2 772	3 836	2 221	351	47	26	7	$7 255	$7 157	5 683	$9 273
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	1 095	77	414	353	234	13	-	-	4	$6 579	$6 783	573	$8 910
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	4 375	320	816	1 468	1 515	212	38	6	-	$9 028	$8 618	2 811	$10 490
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	2 914	623	1 270	561	318	101	30	11	-	$4 232	$5 443	730	$9 414
MOTOR VEHICLE OPERATORS	2 546	597	1 213	445	200	60	26	5	-	$3 832	$4 867	515	$8 383
TRUCK DRIVERS AND DRIVER-SALES WORKERS	505	141	161	94	56	42	6	5	-	$4 305	$5 963	205	$8 692
BUS DRIVERS	1 757	398	963	272	91	13	20	-	-	$3 650	$4 363	177	$7 105
RAIL AND WATER TRANSPORTATION OCCUPATIONS	45	-	-	6	9	26	4	-	-	$15 629	$15 594	30	$15 902
MATERIAL MOVING EQUIPMENT OPERATORS	323	26	57	110	109	15	-	6	-	$8 855	$8 570	185	$10 173
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	13	-	-	-	13	-	-	-	-	$12 272	$13 734	13	$12 272
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	8 955	1 725	3 078	2 711	1 116	238	52	35	-	$5 623	$5 882	3 574	$8 283
CONSTRUCTION LABORERS	105	32	16	25	-	17	8	7	-	$6 529	$8 694	30	$7 538
FREIGHT, STOCK, AND MATERIAL HANDLERS	1 857	482	687	452	177	37	11	11	-	$4 128	$5 021	525	$8 212
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	117	38	55	18	6	-	-	-	-	$4 159	$4 124	41	$6 583
HAND PACKERS AND PACKAGERS	4 989	761	1 701	1 647	698	146	25	11	-	$6 063	$6 230	2 155	$8 347
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	282	78	103	57	30	14	-	-	-	$5 024	$5 546	123	$7 125
LABORERS, EXCEPT CONSTRUCTION	1 605	334	516	512	205	24	8	6	-	$5 591	$5 796	700	$8 427
MANUFACTURING	546	81	168	190	93	6	8	-	-	$6 436	$6 356	233	$8 328
NONDURABLE GOODS	367	59	120	118	70	-	-	-	-	$6 138	$5 934	125	$8 484
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	179	22	48	72	23	6	8	-	-	$6 867	$7 220	108	$8 148
METAL INDUSTRIES	37	6	-	25	-	6	-	-	-	$7 316	$7 593	31	$7 632
NONMANUFACTURING INDUSTRIES	1 059	253	348	322	112	18	-	6	-	$4 996	$5 508	467	$8 457
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	70	6	26	12	19	7	-	-	-	$7 000	$7 781	38	$12 000
WHOLESALE AND RETAIL TRADE	645	113	237	227	63	5	-	-	-	$5 500	$5 626	296	$8 350
ALL OTHER INDUSTRIES	344	134	85	83	30	6	-	6	-	$4 162	$4 823	133	$8 040
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	85	11	36	32	-	6	-	-	-	$5 591	$6 094	10	$9 000

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, 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

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
MALE EXPERIENCED CIVILIAN LABOR FORCE	74 607	4 289	8 340	9 999	15 960	14 969	9 680	9 714	1 656	$14 501	$16 093	53 731	$16 587
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	18 532	324	717	1 004	2 385	3 663	3 351	5 858	1 230	$21 422	$24 513	15 213	$22 907
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	9 765	134	297	487	1 349	1 769	1 616	3 334	779	$22 273	$25 455	8 701	$23 345
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	303	-	11	6	35	41	78	132	-	$23 398	$23 080	275	$24 514
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	325	10	13	12	14	42	82	139	13	$24 151	$25 020	259	$25 221
MANAGERS, MEDICINE AND HEALTH	64	-	-	-	5	7	10	35	7	$27 507	$36 328	64	$27 507
OTHER SPECIFIED MANAGERS	1 757	7	38	92	171	306	257	747	139	$25 108	$26 958	1 572	$25 928
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	4 604	40	163	170	569	813	644	1 671	534	$24 080	$27 850	4 210	$25 244
MANUFACTURING	2 035	12	18	10	162	305	336	887	305	$27 660	$32 446	1 942	$28 014
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	354	-	-	-	47	42	48	199	18	$27 646	$28 509	330	$27 868
WHOLESALE AND RETAIL TRADE	987	28	104	89	195	209	108	143	111	$16 447	$21 758	861	$17 620
ALL OTHER INDUSTRIES	1 228	-	41	71	165	257	152	442	100	$22 338	$24 941	1 077	$24 454
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	382	54	40	27	49	68	36	82	26	$16 210	$18 354	306	$17 182
CONSTRUCTION	62	-	13	4	13	23	3	6	-	$15 108	$13 605	40	$16 226
MANUFACTURING	91	21	-	-	12	9	7	42	-	$22 265	$19 836	78	$21 899
WHOLESALE AND RETAIL TRADE	146	23	27	16	24	18	12	13	13	$11 000	$14 684	121	$11 071
ALL OTHER INDUSTRIES	83	10	-	7	-	18	14	21	13	$21 975	$26 734	67	$22 650
MANAGEMENT RELATED OCCUPATIONS	2 330	23	32	180	506	492	509	528	60	$19 088	$20 826	2 015	$20 301
ACCOUNTANTS AND AUDITORS	954	-	21	43	239	243	194	198	16	$18 166	$19 879	857	$19 383
BUYERS AND PURCHASING AGENTS	404	11	-	41	73	79	121	79	-	$19 829	$19 318	368	$20 190
PROFESSIONAL SPECIALTY OCCUPATIONS	8 767	190	420	517	1 036	1 894	1 735	2 524	451	$20 710	$23 464	6 512	$22 440
ENGINEERS, ARCHITECTS, AND SURVEYORS	3 287	47	67	48	190	551	836	1 472	76	$24 238	$25 160	2 944	$25 039
ARCHITECTS	70	-	27	8	-	18	-	10	7	$12 500	$15 537	35	$19 770
ENGINEERS	3 179	32	40	40	184	522	830	1 462	69	$24 522	$25 546	2 891	$25 103
ELECTRICAL AND ELECTRONIC ENGINEERS	1 078	12	25	-	33	144	210	636	18	$26 982	$27 521	996	$27 658
MECHANICAL ENGINEERS	457	13	6	-	33	66	127	200	12	$24 125	$24 712	418	$24 399
OTHER ENGINEERS	1 644	7	9	40	118	312	493	626	39	$22 957	$24 482	1 477	$23 370
SURVEYORS AND MAPPING SCIENTISTS	38	15	-	-	6	11	6	-	-	$13 818	$10 617	18	$16 499
MATHEMATICAL AND COMPUTER SCIENTISTS	407	7	13	11	20	90	80	186	-	$23 636	$23 101	353	$23 829
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	294	7	13	-	6	84	48	136	-	$23 605	$22 798	258	$24 240
NATURAL SCIENTISTS	279	-	10	27	34	93	20	81	14	$18 210	$22 091	246	$18 413
HEALTH DIAGNOSING OCCUPATIONS	526	7	9	-	18	36	21	193	242	$45 666	$57 428	372	$50 488
PHYSICIANS	293	-	-	-	7	12	13	72	189	$60 186	$74 749	220	$72 928
DENTISTS	127	7	-	-	5	15	-	47	53	$41 602	$42 465	74	$38 273
OTHER HEALTH DIAGNOSING PRACTITIONERS	106	-	9	-	6	9	8	74	-	$30 868	$27 476	78	$32 434
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	214	6	22	5	66	72	26	17	-	$15 320	$15 246	181	$16 089
REGISTERED NURSES	41	6	-	-	18	11	-	6	-	$13 936	$15 071	35	$14 830
PHARMACISTS	122	-	14	5	33	33	26	11	-	$15 961	$16 133	103	$17 228
THERAPISTS	45	-	8	-	15	22	-	-	-	$14 856	$13 034	37	$15 118
TEACHERS, LIBRARIANS, AND COUNSELORS	2 130	54	118	149	395	738	478	185	13	$16 752	$16 873	955	$17 664
TEACHERS, POSTSECONDARY	317	13	6	10	25	61	85	110	7	$22 083	$22 788	178	$25 178
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	811	-	55	67	185	311	162	25	6	$16 010	$15 935	356	$16 868
TEACHERS, SECONDARY	698	14	34	43	87	326	158	36	-	$16 851	$16 512	263	$16 531
SOCIAL SCIENTISTS AND URBAN PLANNERS	227	-	12	13	21	60	30	79	12	$21 028	$25 165	189	$22 427
SOCIAL AND RECREATION WORKERS	272	18	31	81	78	26	22	16	-	$10 364	$11 109	192	$12 282
RELIGIOUS WORKERS	169	16	28	25	72	28	-	-	-	$10 646	$9 984	151	$10 771
LAWYERS AND JUDGES	420	13	15	18	22	50	51	157	94	$31 465	$34 178	347	$33 500
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	836	22	95	140	120	150	171	138	-	$16 056	$15 855	582	$19 081
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	14 558	676	1 370	1 853	3 235	3 228	2 250	1 669	277	$15 150	$16 206	11 205	$16 521
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	3 209	69	167	365	895	829	598	245	41	$15 433	$16 359	2 491	$16 454
HEALTH TECHNOLOGISTS AND TECHNICIANS	211	5	17	34	39	65	51	-	-	$15 507	$14 420	157	$17 019
LICENSED PRACTICAL NURSES	20	-	-	7	7	6	-	-	-	$12 944	$12 159	20	$12 944
ENGINEERING AND SCIENCE TECHNICIANS	2 164	48	119	243	623	576	418	137	-	$15 271	$15 358	1 681	$16 254
ELECTRICAL AND ELECTRONIC TECHNICIANS	937	19	30	154	289	272	125	48	-	$14 616	$14 880	710	$15 666
DRAFTING AND SURVEYING TECHNICIANS	720	18	52	50	156	163	229	52	-	$17 115	$16 574	557	$18 848
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	834	16	31	88	233	188	129	108	41	$15 957	$19 449	653	$16 894
AIRPLANE PILOTS AND NAVIGATORS	83	11	-	10	-	-	-	21	41	$49 476	$43 950	34	$61 306
COMPUTER PROGRAMMERS	278	-	11	14	84	61	54	54	-	$17 007	$18 520	239	$18 053
SALES OCCUPATIONS	6 004	342	665	690	1 085	1 093	917	1 018	194	$15 755	$17 613	4 545	$17 805
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 406	43	103	176	298	329	182	230	45	$15 915	$18 028	1 230	$16 246
SELF-EMPLOYED	286	23	43	53	50	41	9	67	-	$12 090	$14 984	235	$11 174
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	1 153	8	89	103	171	207	186	303	86	$19 951	$23 609	965	$21 118
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	1 487	19	72	97	222	255	374	385	63	$20 752	$21 755	1 225	$21 385
SALES WORKERS, RETAIL AND PERSONAL SERVICES	1 958	272	401	314	394	302	175	100	-	$9 929	$10 640	1 125	$13 709
CASHIERS	259	68	93	51	21	21	5	-	-	$3 730	$5 659	68	$11 500
SALES RELATED OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, 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

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	5 345	265	538	798	1 255	1 306	735	406	42	$14 055	$14 534	4 169	$15 722
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	772	-	38	39	140	158	199	192	6	$20 181	$20 235	685	$20 575
COMPUTER EQUIPMENT OPERATORS	302	18	34	47	95	58	29	6	15	$12 573	$14 597	243	$13 680
SECRETARIES, STENOGRAPHERS, AND TYPISTS	58	-	6	11	11	5	5	20	-	$15 824	$18 091	46	$21 739
SECRETARIES	33	-	6	6	11	-	-	10	-	$11 500	$14 140	21	$14 603
RECEPTIONISTS	13	-	7	-	-	-	-	6	-	$3 929	$13 320	6	$25 462
FILE CLERKS	86	15	10	-	13	26	15	7	-	$15 621	$13 754	61	$17 730
FINANCIAL RECORDS PROCESSING OCCUPATIONS	246	25	12	33	91	11	29	45	-	$12 515	$15 157	197	$13 545
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	135	13	6	20	52	11	15	18	-	$12 696	$13 654	110	$13 751
TELEPHONE OPERATORS	21	7	9	-	-	-	5	-	-	$2 389	$6 714	5	$20 453
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	686	12	50	66	35	338	172	13	-	$16 858	$16 584	575	$17 372
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	1 331	68	145	286	510	235	75	12	-	$11 417	$11 233	1 012	$12 490
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	97	5	9	-	18	20	31	6	8	$18 862	$19 350	82	$19 317
BANK TELLERS	31	-	11	13	7	-	-	-	-	$8 692	$6 851	20	$9 538
DATA-ENTRY KEYERS	36	-	6	12	18	-	-	-	-	$10 000	$8 879	23	$12 181
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	1 666	115	201	291	317	455	175	99	13	$13 081	$13 592	1 214	$15 722
SERVICE OCCUPATIONS	6 798	933	1 400	1 135	1 344	1 176	589	210	11	$9 776	$10 322	3 988	$14 019
PRIVATE HOUSEHOLD OCCUPATIONS	34	28	-	-	6	-	-	-	-	$1,000-	$2 240	-	-
PROTECTIVE SERVICE OCCUPATIONS	2 191	123	188	265	254	762	446	148	5	$16 186	$15 084	1 690	$17 497
FIREFIGHTING OCCUPATIONS	535	-	-	33	60	274	143	25	-	$17 416	$17 631	503	$17 465
POLICE AND DETECTIVES, PUBLIC SERVICE	539	6	-	6	36	276	149	61	5	$18 486	$19 809	516	$18 550
GUARDS	815	109	168	215	108	140	53	22	-	$8 310	$9 374	399	$15 310
OTHER PROTECTIVE SERVICE OCCUPATIONS	302	8	20	11	50	72	101	40	-	$19 067	$17 548	272	$19 895
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	4 573	782	1 212	870	1 084	414	143	62	6	$7 489	$8 101	2 298	$11 215
FOOD PREPARATION AND SERVICE OCCUPATIONS	1 608	455	542	274	180	87	37	27	6	$4 173	$6 286	518	$10 289
WAITERS AND FOOD COUNTER WORKERS	156	26	82	25	23	-	-	-	-	$4 167	$4 989	24	$9 846
COOKS	603	139	208	123	94	27	6	6	-	$5 359	$6 165	249	$9 618
HEALTH SERVICE OCCUPATIONS	201	-	41	39	97	17	7	-	-	$10 732	$10 086	158	$11 440
NURSING AIDES, ORDERLIES, AND ATTENDANTS	131	-	30	25	71	5	-	-	-	$10 375	$9 226	99	$10 820
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	2 242	255	494	511	672	250	39	21	-	$9 076	$8 772	1 329	$11 193
PERSONAL SERVICE OCCUPATIONS	522	72	135	46	135	60	60	14	-	$10 410	$10 050	293	$12 687
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	325	13	59	27	123	55	37	11	-	$12 647	$12 119	248	$12 830
FARMING, FORESTRY, AND FISHING OCCUPATIONS	710	161	159	151	161	43	6	29	-	$6 722	$7 609	360	$10 313
FARM OPERATORS AND MANAGERS	174	28	38	38	31	27	-	12	-	$7 500	$9 342	115	$9 700
FARM OCCUPATIONS, EXCEPT MANAGERIAL	121	26	35	37	19	-	-	4	-	$5 929	$6 453	57	$7 353
RELATED AGRICULTURAL OCCUPATIONS	360	91	72	71	98	9	6	13	-	$7 030	$7 356	169	$10 554
FORESTRY AND FISHING OCCUPATIONS	55	16	14	5	13	7	-	-	-	$3 688	$6 322	19	$13 596
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	16 499	578	1 487	2 522	3 875	4 180	2 265	1 496	96	$14 660	$14 979	12 228	$15 978
MECHANICS AND REPAIRERS	4 647	163	478	718	1 105	1 154	655	359	15	$14 234	$14 416	3 658	$15 604
AUTOMOBILE MECHANICS, INCLUDING BODY	1 595	99	201	339	466	328	97	57	8	$11 601	$12 209	1 198	$12 964
AIRCRAFT MECHANICS	93	-	5	6	18	19	12	33	-	$19 471	$19 159	82	$21 385
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	219	17	8	22	57	76	19	20	-	$15 197	$14 541	178	$15 908
OTHER MECHANICS AND REPAIRERS	2 740	47	264	351	564	731	527	249	7	$15 669	$15 530	2 200	$16 705
CONSTRUCTION TRADES	5 112	231	580	1 007	1 313	1 073	540	325	43	$12 632	$13 545	3 030	$15 094
CARPENTERS	1 488	78	183	400	389	288	104	46	-	$11 177	$11 448	705	$14 154
ELECTRICIANS	711	20	95	89	154	163	104	80	6	$14 899	$15 232	506	$15 914
PAINTERS, CONSTRUCTION AND MAINTENANCE	479	25	47	179	132	60	32	4	-	$9 742	$10 216	314	$10 868
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	589	53	74	47	127	186	75	21	6	$14 692	$13 288	401	$15 819
OTHER CONSTRUCTION TRADES	1 845	55	181	292	511	376	225	174	31	$13 603	$15 532	1 104	$15 942
EXTRACTIVE OCCUPATIONS	24	-	-	-	-	13	11	-	-	$19 368	$18 763	24	$19 368
PRECISION PRODUCTION OCCUPATIONS	6 716	184	429	797	1 457	1 940	1 059	812	38	$15 864	$16 446	5 516	$16 694
SUPERVISORS, PRODUCTION OCCUPATIONS	2 884	52	98	228	469	917	501	589	30	$17 711	$19 388	2 557	$18 465
MANUFACTURING	2 460	32	90	180	409	804	452	475	18	$17 682	$19 063	2 181	$18 377
PRECISION METALWORKING OCCUPATIONS	1 911	39	121	228	418	600	390	107	8	$15 823	$15 664	1 517	$16 725
TOOL AND DIE MAKERS	276	-	23	-	27	89	121	16	-	$19 917	$18 707	211	$20 288
MACHINISTS	1 135	34	93	166	296	334	154	58	-	$14 611	$13 990	876	$15 643
SHEET METAL WORKERS	219	5	5	27	79	45	48	10	-	$14 474	$15 490	164	$16 115
OTHER PRECISION METAL WORKERS	281	-	-	35	16	132	67	23	8	$17 712	$19 577	266	$17 941
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	368	19	48	125	125	23	6	22	-	$9 746	$10 129	244	$10 909
PLANT AND SYSTEM OPERATORS	226	-	8	6	51	73	48	40	-	$17 755	$18 614	194	$17 498
OTHER PRECISION PRODUCTION OCCUPATIONS	1 327	74	154	210	394	327	114	54	-	$12 468	$12 560	1 004	$13 675

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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LAWRENCE-HAVERHILL, MA-NH SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
OPERATORS, FABRICATORS, AND LABORERS	17 492	1 617	3 201	3 322	4 960	2 679	1 219	452	42	$10 549	$10 728	10 737	$12 806
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	9 612	553	1 434	2 080	3 070	1 692	627	150	6	$11 105	$11 107	6 505	$12 738
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	6 177	385	769	1 298	2 030	1 139	433	117	6	$11 440	$11 448	4 369	$12 859
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	647	31	36	106	226	150	87	11	-	$13 250	$13 342	559	$13 790
PRINTING MACHINE OPERATORS	403	13	52	48	105	107	73	5	-	$14 124	$13 603	300	$15 897
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	1 125	98	228	273	410	81	7	28	-	$9 507	$9 292	718	$10 995
TEXTILE MACHINE OPERATORS	506	24	28	113	268	61	7	5	-	$11 166	$10 861	392	$11 518
TEXTILE SEWING MACHINE OPERATORS	76	13	25	16	22	-	-	-	-	$7 000	$6 833	48	$9 750
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	109	28	35	32	5	-	-	9	-	$4 417	$6 723	51	$7 080
OTHER SPECIFIED MACHINE OPERATORS	1 574	91	152	396	454	321	141	13	6	$11 762	$11 685	1 079	$13 408
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	2 428	152	301	475	835	480	125	60	-	$11 517	$11 431	1 713	$12 940
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	571	19	39	125	174	155	45	14	-	$13 054	$12 699	443	$14 047
MACHINE OPERATORS, NOT SPECIFIED	1 857	133	262	350	661	325	80	46	-	$11 116	$11 041	1 270	$12 612
INDUSTRY:													
MANUFACTURING	2 289	133	257	463	805	462	109	60	-	$11 576	$11 539	1 644	$12 843
NONDURABLE GOODS	950	68	86	197	361	172	30	36	-	$11 341	$11 396	695	$12 155
FOOD AND KINDRED PRODUCTS	48	18	-	8	22	-	-	-	-	$9 500	$7 310	19	$8 875
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	185	6	4	16	109	50	-	-	-	$12 878	$12 545	162	$12 721
PAPER AND ALLIED PRODUCTS	257	5	11	65	74	67	11	24	-	$12 956	$13 766	211	$13 764
OTHER NONDURABLE GOODS	460	39	71	108	156	55	19	12	-	$10 224	$10 035	303	$11 436
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	1 339	65	171	266	444	290	79	24	-	$11 811	$11 641	949	$13 370
METAL INDUSTRIES	181	-	16	62	62	41	-	-	-	$10 833	$11 084	139	$12 230
MACHINERY, INCLUDING ELECTRICAL	820	43	96	138	279	193	53	18	-	$12 322	$11 974	601	$13 705
TRANSPORTATION EQUIPMENT	111	16	-	15	56	11	13	-	-	$11 960	$11 681	74	$12 184
OTHER DURABLE GOODS	227	6	59	51	47	45	13	6	-	$9 615	$10 864	135	$14 469
NONMANUFACTURING INDUSTRIES	139	19	44	12	30	18	16	-	-	$8 429	$9 655	69	$14 906
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	27	-	5	5	13	4	-	-	-	$11 000	$9 424	10	$14 207
WHOLESALE AND RETAIL TRADE	67	6	34	7	6	7	7	-	-	$5 071	$8 330	27	$15 228
ALL OTHER INDUSTRIES	45	13	5	-	11	7	9	-	-	$12 970	$11 767	32	$15 000
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	2 401	143	489	566	775	301	108	19	-	$10 014	$9 911	1 432	$11 821
WELDERS AND CUTTERS	534	28	76	93	170	112	48	7	-	$12 141	$11 823	343	$13 852
ASSEMBLERS	1 768	115	405	455	564	178	45	6	-	$9 387	$9 119	1 031	$11 100
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	99	-	8	18	41	11	15	6	-	$12 673	$13 733	58	$12 911
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 034	25	176	216	265	252	86	14	-	$12 078	$11 846	704	$14 774
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	3 789	223	536	516	1 082	654	503	265	10	$12 585	$13 176	2 566	$14 441
MOTOR VEHICLE OPERATORS	2 715	137	399	364	711	494	387	213	10	$12 883	$13 584	1 884	$15 120
TRUCK DRIVERS AND DRIVER-SALES WORKERS	2 395	99	265	337	663	462	351	208	10	$13 395	$14 228	1 717	$15 334
BUS DRIVERS	79	10	22	5	13	5	24	-	-	$11 000	$11 504	44	$20 062
RAIL AND WATER TRANSPORTATION OCCUPATIONS	39	-	6	-	-	11	12	10	-	$20 695	$19 430	24	$23 155
MATERIAL MOVING EQUIPMENT OPERATORS	1 035	86	131	152	371	149	104	42	-	$11 980	$11 869	658	$13 009
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	90	-	19	5	31	7	28	-	-	$13 599	$13 614	43	$14 873
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	4 091	841	1 231	726	808	333	89	37	26	$5 880	$7 572	1 666	$11 166
CONSTRUCTION LABORERS	653	37	168	159	192	54	34	-	9	$9 085	$9 595	233	$11 235
FREIGHT, STOCK, AND MATERIAL HANDLERS	1 459	477	501	129	187	110	32	12	11	$3 469	$6 213	416	$11 905
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	325	102	134	49	16	18	-	6	-	$3 725	$5 155	111	$8 536
HAND PACKERS AND PACKAGERS	362	63	78	90	75	44	-	6	6	$7 290	$9 217	189	$11 057
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	285	64	93	59	42	27	-	-	-	$5 147	$6 350	98	$9 077
LABORERS, EXCEPT CONSTRUCTION	1 007	98	257	240	296	80	23	13	-	$8 904	$8 763	619	$11 071
MANUFACTURING	368	16	84	96	114	38	7	13	-	$9 647	$9 934	262	$11 400
NONDURABLE GOODS	206	4	29	68	75	16	7	7	-	$10 286	$10 568	153	$11 786
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	162	12	55	28	39	22	-	6	-	$8 526	$9 128	109	$10 500
METAL INDUSTRIES	24	-	-	-	15	9	-	-	-	$14 050	$13 876	13	$15 216
NONMANUFACTURING INDUSTRIES	639	82	173	144	182	42	16	-	-	$8 394	$8 089	357	$10 969
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	140	-	29	48	48	7	8	-	-	$9 576	$9 716	88	$11 152
WHOLESALE AND RETAIL TRADE	288	45	104	33	77	29	-	-	-	$5 667	$7 446	125	$12 307
ALL OTHER INDUSTRIES	211	37	40	63	57	6	8	-	-	$8 500	$7 886	144	$9 304
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	18	-	6	12	-	-	-	-	-	$6 500	$5 713	-	-

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LAWRENCE-HAVERHILL, MA-NH SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
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TOTAL													
FEMALE EXPERIENCED CIVILIAN LABOR FORCE	56 398	8 047	15 623	14 774	12 008	4 454	990	451	51	$7 208	$7 733	26 040	$10 440
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	11 767	1 007	2 126	2 256	3 404	2 211	517	220	26	$10 687	$10 573	5 265	$12 889
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	3 868	203	584	851	1 230	595	209	176	20	$11 039	$11 535	2 549	$12 580
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	102	16	21	26	14	11	5	9	-	$7 333	$9 848	46	$15 634
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	227	6	36	41	45	36	44	19	-	$11 743	$13 469	91	$10 850
MANAGERS, MEDICINE AND HEALTH	57	-	-	6	7	33	-	6	5	$16 415	$19 693	45	$15 936
OTHER SPECIFIED MANAGERS	552	36	36	118	202	76	46	33	5	$11 911	$12 897	442	$13 003
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	1 335	35	245	375	338	186	64	82	10	$10 170	$11 690	933	$12 405
MANUFACTURING	237	-	34	31	57	65	20	30	-	$14 660	$15 455	201	$15 715
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	80	-	-	13	6	22	19	20	-	$19 677	$19 504	66	$21 148
WHOLESALE AND RETAIL TRADE	420	-	92	166	121	24	6	11	-	$9 179	$9 405	312	$9 979
ALL OTHER INDUSTRIES	598	35	119	165	154	75	19	21	10	$9 518	$10 756	354	$12 883
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	124	50	36	5	7	6	5	15	-	$3 273	$5 961	60	$2 000
CONSTRUCTION	7	-	7	-	-	-	-	-	-	$3 500	$3 005	7	$3 500
MANUFACTURING	-	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	23	12	-	5	-	6	-	-	-	$1,000-	$6 633	17	$9 000
ALL OTHER INDUSTRIES	94	38	29	-	7	-	5	15	-	$3 200	$6 017	36	$1,000-
MANAGEMENT RELATED OCCUPATIONS	1 471	60	210	280	617	247	45	12	-	$11 245	$10 857	932	$12 535
ACCOUNTANTS AND AUDITORS	799	11	87	174	330	177	14	6	-	$11 809	$11 456	501	$13 189
BUYERS AND PURCHASING AGENTS	171	7	34	33	86	6	5	-	-	$10 885	$9 712	130	$12 023
PROFESSIONAL SPECIALTY OCCUPATIONS	7 899	804	1 542	1 405	2 174	1 616	308	44	6	$10 456	$10 102	2 716	$13 162
ENGINEERS, ARCHITECTS, AND SURVEYORS	108	-	22	11	31	25	11	8	-	$12 411	$13 258	75	$15 844
ARCHITECTS	6	-	-	-	6	-	-	-	-	$11 000	$11 005	6	$11 000
ENGINEERS	102	-	22	11	25	25	11	8	-	$13 085	$13 390	69	$16 303
ELECTRICAL AND ELECTRONIC ENGINEERS	45	-	5	7	7	12	11	3	-	$16 042	$15 984	33	$18 530
MECHANICAL ENGINEERS	4	-	-	4	-	-	-	-	-	$9 000	$9 005	-	-
OTHER ENGINEERS	53	-	17	-	18	13	-	5	-	$11 462	$11 519	36	$15 000
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	116	6	-	26	36	26	10	12	-	$13 137	$14 211	67	$17 127
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	79	-	-	14	17	26	10	12	-	$16 118	$16 731	55	$18 420
NATURAL SCIENTISTS	57	6	-	5	35	11	-	-	-	$12 763	$12 309	57	$12 763
HEALTH DIAGNOSING OCCUPATIONS	31	-	5	14	6	-	-	-	6	$9 500	$26 033	26	$9 857
PHYSICIANS	20	-	-	14	-	-	-	-	6	$9 429	$35 874	20	$9 429
DENTISTS	6	-	-	-	6	-	-	-	-	$12 272	$12 005	6	$12 272
OTHER HEALTH DIAGNOSING PRACTITIONERS	5	-	5	-	-	-	-	-	-	$3 500	$3 505	-	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	2 279	130	393	509	789	374	84	-	-	$10 664	$10 183	941	$13 928
REGISTERED NURSES	1 964	121	281	436	709	338	79	-	-	$10 997	$10 414	793	$14 304
PHARMACISTS	55	-	36	5	3	11	-	-	-	$5 500	$7 756	24	$7 600
THERAPISTS	191	9	61	41	59	21	-	-	-	$7 889	$8 645	76	$11 692
TEACHERS, LIBRARIANS, AND COUNSELORS	4 184	472	844	638	993	1 064	161	12	-	$10 793	$10 206	1 012	$12 883
TEACHERS, POSTSECONDARY	203	27	25	35	36	40	34	6	-	$12 696	$12 031	53	$20 056
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	2 498	193	481	357	645	742	74	6	-	$12 030	$10 833	521	$13 388
TEACHERS, SECONDARY	709	55	158	110	163	196	27	-	-	$11 313	$10 676	153	$13 484
SOCIAL SCIENTISTS AND URBAN PLANNERS	69	-	29	13	14	13	-	-	-	$8 846	$8 495	48	$10 857
SOCIAL AND RECREATION WORKERS	383	36	81	51	156	50	9	-	-	$10 547	$9 343	250	$11 837
RELIGIOUS WORKERS	73	5	39	14	10	5	-	-	-	$4 750	$5 929	37	$2 964
LAWYERS AND JUDGES	73	12	17	10	5	17	6	6	-	$9 500	$11 849	28	$16 682
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	526	137	112	114	99	31	27	6	-	$6 538	$7 291	175	$10 269
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	23 438	3 383	6 772	6 922	4 806	1 082	297	165	11	$6 954	$7 217	11 011	$10 021
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	1 964	133	442	521	629	163	58	18	-	$9 092	$8 987	977	$11 404
HEALTH TECHNOLOGISTS AND TECHNICIANS	1 168	80	326	287	414	61	-	-	-	$8 361	$7 945	475	$11 124
LICENSED PRACTICAL NURSES	615	27	205	153	220	10	-	-	-	$8 038	$7 527	247	$10 897
ENGINEERING AND SCIENCE TECHNICIANS	447	31	69	140	132	49	20	6	-	$9 625	$9 702	285	$11 583
ELECTRICAL AND ELECTRONIC TECHNICIANS	171	-	23	54	64	24	-	6	-	$10 425	$10 462	121	$11 375
DRAFTING AND SURVEYING TECHNICIANS	112	6	41	40	12	13	-	-	-	$6 667	$7 066	33	$11 000
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	349	22	47	94	83	53	38	12	-	$10 697	$11 560	217	$13 029
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	182	6	17	50	42	35	20	12	-	$11 714	$13 148	96	$15 000
SALES OCCUPATIONS	5 272	1 550	2 083	905	438	156	53	87	-	$3 483	$5 065	1 376	$9 077
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	499	87	99	141	105	51	9	7	-	$7 693	$7 825	265	$10 765
SELF-EMPLOYED	116	38	18	29	17	7	-	7	-	$6 308	$6 455	53	$9 688
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	528	64	108	130	112	39	29	46	-	$8 733	$10 057	280	$10 704
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	231	23	60	64	31	28	8	17	-	$8 031	$9 911	130	$12 000
SALES WORKERS, RETAIL AND PERSONAL SERVICES	4 006	1 376	1 816	570	182	38	7	17	-	$2 902	$3 768	701	$7 514
CASHIERS	1 710	680	770	187	60	-	7	6	-	$2 591	$3 373	174	$8 745
SALES RELATED OCCUPATIONS	8	-	-	-	8	-	-	-	-	$12 272	$13 005	-	-

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, 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

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	16 202	1 700	4 247	5 496	3 739	763	186	60	11	$7 772	$7 703	8 658	$9 922
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	805	23	77	188	304	139	56	18	-	$11 459	$11 794	663	$12 235
COMPUTER EQUIPMENT OPERATORS	408	49	51	138	144	19	7	-	-	$9 068	$8 484	308	$10 139
SECRETARIES, STENOGRAPHERS, AND TYPISTS	5 225	427	1 242	2 018	1 317	185	25	11	-	$8 147	$7 801	2 977	$9 850
SECRETARIES	4 398	331	1 024	1 658	1 196	165	19	5	-	$8 334	$7 935	2 585	$9 983
RECEPTIONISTS	486	92	165	158	44	21	6	-	-	$5 788	$6 111	191	$8 952
FILE CLERKS	389	40	146	104	82	10	-	7	-	$6 531	$7 001	181	$10 057
FINANCIAL RECORDS PROCESSING OCCUPATIONS	2 339	161	648	893	529	52	39	11	6	$7 599	$7 735	1 213	$9 645
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	1 842	126	545	664	406	45	39	11	6	$7 416	$7 802	930	$9 731
TELEPHONE OPERATORS	450	35	106	135	159	15	-	-	-	$8 622	$8 387	279	$10 212
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	118	40	35	27	10	6	-	-	-	$3 474	$4 836	26	$10 600
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	400	66	71	144	107	12	-	-	-	$8 159	$7 455	219	$9 917
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	94	-	17	45	18	14	-	-	-	$9 250	$9 434	74	$9 450
BANK TELLERS	566	70	216	229	45	-	-	6	-	$5 930	$5 999	247	$8 093
DATA-ENTRY KEYERS	589	64	206	182	123	14	-	-	-	$6 700	$6 845	244	$9 718
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	4 333	633	1 267	1 235	857	276	53	7	5	$6 917	$7 306	2 036	$10 089
SERVICE OCCUPATIONS	7 435	2 296	3 276	1 364	359	104	21	7	8	$3 372	$4 187	1 707	$7 514
PRIVATE HOUSEHOLD OCCUPATIONS	284	170	81	28	5	-	-	-	-	$1 404	$2 256	26	$6 000
PROTECTIVE SERVICE OCCUPATIONS	147	73	52	-	22	-	-	-	-	$2 020	$3 524	15	$11 000
FIREFIGHTING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
POLICE AND DETECTIVES, PUBLIC SERVICE	11	11	-	-	-	-	-	-	-	$1,000-	$265	-	-
GUARDS	136	62	52	-	22	-	-	-	-	$2 240	$3 788	15	$11 000
OTHER PROTECTIVE SERVICE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	7 004	2 053	3 143	1 336	332	104	21	7	8	$3 466	$4 279	1 666	$7 507
FOOD PREPARATION AND SERVICE OCCUPATIONS	3 157	1 077	1 586	389	84	21	-	-	-	$2 888	$3 398	422	$6 596
WAITERS AND FOOD COUNTER WORKERS	1 654	639	822	128	51	14	-	-	-	$2 578	$3 108	191	$5 531
COOKS	450	112	213	122	3	-	-	-	-	$4 083	$4 217	110	$7 243
HEALTH SERVICE OCCUPATIONS	1 808	337	667	615	135	32	7	7	8	$5 405	$5 830	713	$8 124
NURSING AIDES, ORDERLIES, AND ATTENDANTS	1 273	244	525	353	109	27	7	-	8	$5 111	$5 703	479	$7 863
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	584	199	214	104	58	9	-	-	-	$3 382	$4 409	218	$8 213
PERSONAL SERVICE OCCUPATIONS	1 455	440	676	228	55	42	14	-	-	$3 391	$4 215	313	$6 865
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	541	110	262	106	39	18	6	-	-	$4 198	$5 067	154	$7 043
FARMING, FORESTRY, AND FISHING OCCUPATIONS	196	38	76	50	20	-	-	12	-	$4 818	$6 825	75	$7 174
FARM OPERATORS AND MANAGERS	46	-	14	13	7	-	-	12	-	$9 385	$13 827	18	$8 615
FARM OCCUPATIONS, EXCEPT MANAGERIAL	64	25	24	8	7	-	-	-	-	$3 143	$4 471	21	$9 125
RELATED AGRICULTURAL OCCUPATIONS	72	6	38	22	6	-	-	-	-	$5 000	$4 919	29	$6 188
FORESTRY AND FISHING OCCUPATIONS	14	7	-	7	-	-	-	-	-	$3 500	$4 380	7	$7 000
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	2 243	127	455	581	609	381	69	15	6	$9 766	$10 075	1 559	$11 935
MECHANICS AND REPAIRERS	344	11	40	118	107	50	13	5	-	$10 158	$10 789	276	$11 913
AUTOMOBILE MECHANICS, INCLUDING BODY	31	-	14	8	9	-	-	-	-	$8 375	$7 836	22	$5 786
AIRCRAFT MECHANICS	7	-	-	7	-	-	-	-	-	$7 000	$7 405	7	$7 000
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	6	-	-	-	6	-	-	-	-	$12 272	$14 015	6	$12 272
OTHER MECHANICS AND REPAIRERS	300	11	26	103	92	50	13	5	-	$10 690	$11 109	241	$12 346
CONSTRUCTION TRADES	71	7	16	36	12	-	-	-	-	$8 531	$6 995	6	$11 000
CARPENTERS	22	-	9	7	6	-	-	-	-	$7 000	$7 363	6	$11 000
ELECTRICIANS	-	-	-	-	-	-	-	-	-	-	-	-	-
PAINTERS, CONSTRUCTION AND MAINTENANCE	21	7	7	7	-	-	-	-	-	$2 500	$3 732	-	-
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER CONSTRUCTION TRADES	28	-	-	22	6	-	-	-	-	$9 273	$9 154	-	-
EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	1 828	109	399	427	490	331	56	10	6	$9 824	$10 060	1 277	$11 971
SUPERVISORS, PRODUCTION OCCUPATIONS	387	12	34	82	114	107	27	5	6	$12 875	$13 063	317	$13 626
MANUFACTURING	336	12	5	78	108	101	27	5	-	$13 366	$13 174	292	$13 967
PRECISION METALWORKING OCCUPATIONS	215	22	42	54	27	63	7	-	-	$9 417	$10 223	156	$12 105
TOOL AND DIE MAKERS	-	-	-	-	-	-	-	-	-	-	-	-	-
MACHINISTS	70	-	23	34	4	9	-	-	-	$7 333	$7 573	47	$8 688
SHEET METAL WORKERS	13	-	-	13	-	-	-	-	-	$9 000	$9 005	8	$9 000
OTHER PRECISION METAL WORKERS	132	22	19	7	23	54	7	-	-	$14 014	$11 748	101	$14 476
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	195	15	85	73	22	-	-	-	-	$5 917	$5 856	105	$6 744
PLANT AND SYSTEM OPERATORS	6	-	-	-	6	-	-	-	-	$12 272	$14 005	6	$12 272
OTHER PRECISION PRODUCTION OCCUPATIONS	1 025	60	238	218	321	161	22	5	-	$9 947	$9 668	693	$12 029

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, 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

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
OPERATORS, FABRICATORS, AND LABORERS	11 313	1 196	2 912	3 601	2 810	676	86	32	-	$7 555	$7 734	6 417	$9 968
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	9 631	862	2 287	3 207	2 564	622	63	26	-	$7 872	$8 023	5 775	$10 083
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	4 777	530	1 338	1 669	948	249	23	20	-	$7 049	$7 341	2 540	$9 113
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	191	15	35	46	56	39	-	-	-	$9 969	$9 527	124	$11 867
PRINTING MACHINE OPERATORS	65	14	-	40	7	4	-	-	-	$8 613	$7 767	51	$9 065
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	2 138	242	846	776	257	17	-	-	-	$5 939	$6 063	877	$7 558
TEXTILE MACHINE OPERATORS	178	12	77	47	42	-	-	-	-	$6 000	$6 546	92	$9 273
TEXTILE SEWING MACHINE OPERATORS	876	75	268	380	136	17	-	-	-	$6 844	$6 800	412	$8 372
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	118	44	31	38	5	-	-	-	-	$4 333	$4 238	62	$6 750
OTHER SPECIFIED MACHINE OPERATORS	680	117	140	249	114	53	7	-	-	$7 443	$7 139	391	$9 491
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	1 703	142	317	558	514	136	16	20	-	$8 294	$8 765	1 097	$10 485
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	557	45	98	191	153	64	6	-	-	$8 180	$8 617	314	$10 923
MACHINE OPERATORS, NOT SPECIFIED	1 146	97	219	367	361	72	10	20	-	$8 346	$8 838	783	$10 267
INDUSTRY:													
MANUFACTURING	1 635	124	304	532	503	136	16	20	-	$8 425	$8 902	1 071	$10 574
NONDURABLE GOODS	365	71	89	137	65	-	-	3	-	$6 405	$6 216	187	$7 689
FOOD AND KINDRED PRODUCTS	19	-	7	6	6	-	-	-	-	$6 833	$7 100	12	$9 000
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	122	22	20	52	28	-	-	-	-	$6 809	$6 505	88	$7 234
PAPER AND ALLIED PRODUCTS	43	15	22	6	-	-	-	-	-	$4 083	$3 684	22	$5 500
OTHER NONDURABLE GOODS	181	34	40	73	31	-	-	3	-	$6 635	$6 530	65	$10 125
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	1 270	53	215	395	438	136	16	17	-	$9 639	$9 674	884	$11 200
METAL INDUSTRIES	46	-	14	32	-	-	-	-	-	$6 667	$6 314	38	$6 963
MACHINERY, INCLUDING ELECTRICAL	1 098	47	182	313	393	130	16	17	-	$10 090	$9 941	770	$11 733
TRANSPORTATION EQUIPMENT	54	-	-	20	28	6	-	-	-	$11 077	$10 340	29	$12 015
OTHER DURABLE GOODS	72	6	19	30	17	-	-	-	-	$8 273	$7 248	47	$9 409
NONMANUFACTURING INDUSTRIES	68	18	13	26	11	-	-	-	-	$6 462	$5 488	26	$8 923
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	5	-	-	-	5	-	-	-	-	$12 272	$12 005	-	-
WHOLESALE AND RETAIL TRADE	25	12	-	13	-	-	-	-	-	$6 167	$4 505	7	$9 000
ALL OTHER INDUSTRIES	38	6	13	13	6	-	-	-	-	$4 500	$5 277	19	$8 833
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	3 281	240	719	1 082	1 042	171	21	6	-	$8 497	$8 235	2 119	$10 291
WELDERS AND CUTTERS	70	-	27	19	18	6	-	-	-	$8 308	$7 960	40	$11 333
ASSEMBLERS	2 756	208	582	911	880	148	21	6	-	$8 596	$8 300	1 794	$10 247
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	455	32	110	152	144	17	-	-	-	$7 859	$7 885	285	$10 425
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 573	92	230	456	574	202	19	-	-	$10 063	$9 654	1 116	$11 461
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	437	98	173	60	79	20	7	-	-	$5 216	$6 228	133	$12 319
MOTOR VEHICLE OPERATORS	330	83	163	21	41	15	7	-	-	$3 860	$5 382	66	$12 604
TRUCK DRIVERS AND DRIVER-SALES WORKERS	82	7	21	15	28	4	7	-	-	$9 429	$9 499	41	$12 763
BUS DRIVERS	241	69	142	6	13	11	-	-	-	$3 181	$4 111	25	$11 500
RAIL AND WATER TRANSPORTATION OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	107	15	10	39	38	5	-	-	-	$7 839	$8 836	67	$12 168
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	6	-	-	6	-	-	-	-	-	$7 000	$6 705	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	1 245	236	452	334	167	34	16	6	-	$5 149	$6 026	509	$8 691
CONSTRUCTION LABORERS	8	-	8	-	-	-	-	-	-	$4 500	$4 705	-	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	271	80	103	25	46	17	-	-	-	$3 744	$5 448	92	$10 952
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	13	7	6	-	-	-	-	-	-	$1,000-	$2 567	6	$5 500
HAND PACKERS AND PACKAGERS	773	120	268	238	108	17	16	6	-	$5 972	$6 452	327	$8 728
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	20	-	12	8	-	-	-	-	-	$3 667	$5 051	8	$7 000
LABORERS, EXCEPT CONSTRUCTION	160	29	55	63	13	-	-	-	-	$4 895	$5 418	76	$7 250
MANUFACTURING	80	6	40	21	13	-	-	-	-	$4 806	$5 816	35	$6 714
NONDURABLE GOODS	48	-	28	14	6	-	-	-	-	$4 789	$5 505	20	$6 857
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	32	6	12	7	7	-	-	-	-	$4 833	$6 282	15	$4 938
METAL INDUSTRIES	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING INDUSTRIES	80	23	15	42	-	-	-	-	-	$6 154	$5 021	41	$7 471
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	25	-	-	25	-	-	-	-	-	$7 471	$7 536	25	$7 471
ALL OTHER INDUSTRIES	55	23	15	17	-	-	-	-	-	$2 563	$3 877	16	$5 500
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	6	-	6	-	-	-	-	-	-	$2 500	$2 605	6	$2 500

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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PROVIDENCE-WARWICK-PAWTUCKET, RI-MA SMSA	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
MALE EXPERIENCED CIVILIAN LABOR FORCE	242 434	16 135	32 805	37 044	56 784	46 281	25 668	22 769	4 948	$12 844	$14 661	162 857	$15 500
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	54 357	1 426	3 752	4 168	8 165	11 150	9 286	12 712	3 698	$19 124	$22 956	42 123	$20 940
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	30 277	508	1 420	2 045	4 917	5 832	4 925	8 326	2 304	$20 321	$24 727	25 949	$21 450
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	1 189	25	48	30	284	278	190	314	20	$18 364	$20 175	1 041	$19 316
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	1 216	31	29	51	71	155	384	468	27	$23 080	$22 791	871	$23 640
MANAGERS, MEDICINE AND HEALTH	280	-	21	4	44	39	62	92	18	$22 164	$25 739	210	$26 215
OTHER SPECIFIED MANAGERS	5 419	66	223	263	632	941	937	2 025	332	$22 782	$25 527	4 901	$23 755
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	14 642	183	711	1 070	2 154	2 515	2 211	4 188	1 610	$21 280	$27 701	12 675	$22 718
MANUFACTURING	5 850	36	106	190	489	843	1 079	2 142	965	$25 988	$34 963	5 344	$26 745
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	810	-	17	26	93	168	113	324	69	$24 345	$28 649	706	$25 822
WHOLESALE AND RETAIL TRADE	3 844	41	253	561	842	766	452	716	213	$16 123	$20 595	3 258	$17 519
ALL OTHER INDUSTRIES	4 138	106	335	293	730	738	567	1 006	363	$18 851	$23 851	3 367	$21 035
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	1 233	76	108	183	238	232	135	177	84	$15 174	$19 110	988	$16 015
CONSTRUCTION	152	8	6	20	11	62	11	34	-	$16 805	$16 407	108	$17 803
MANUFACTURING	293	18	34	60	36	50	26	39	30	$11 917	$19 942	226	$16 102
WHOLESALE AND RETAIL TRADE	464	25	48	71	97	75	62	67	19	$14 141	$19 129	375	$15 030
ALL OTHER INDUSTRIES	324	25	20	32	94	45	36	37	35	$14 425	$19 599	279	$15 721
MANAGEMENT RELATED OCCUPATIONS	6 298	127	280	444	1 494	1 672	1 006	1 062	213	$16 895	$19 410	5 263	$17 960
ACCOUNTANTS AND AUDITORS	2 551	58	95	203	658	678	434	349	76	$16 449	$18 593	2 109	$17 534
BUYERS AND PURCHASING AGENTS	1 029	19	26	81	212	343	147	187	14	$16 975	$18 406	923	$17 324
PROFESSIONAL SPECIALTY OCCUPATIONS	24 080	918	2 332	2 123	3 248	5 318	4 361	4 386	1 394	$17 789	$20 729	16 174	$20 323
ENGINEERS, ARCHITECTS, AND SURVEYORS	4 720	54	196	294	506	1 204	1 189	1 243	34	$20 300	$20 393	4 031	$21 065
ARCHITECTS	272	15	39	48	47	24	50	44	5	$13 875	$15 367	142	$21 089
ENGINEERS	4 313	39	148	207	439	1 154	1 109	1 188	29	$20 528	$20 887	3 772	$21 168
ELECTRICAL AND ELECTRONIC ENGINEERS	862	15	15	30	85	173	215	329	-	$22 177	$22 048	771	$23 092
MECHANICAL ENGINEERS	849	7	43	34	95	227	247	185	11	$20 235	$20 538	726	$20 532
OTHER ENGINEERS	2 602	17	90	143	259	754	647	674	18	$20 196	$20 617	2 275	$20 856
SURVEYORS AND MAPPING SCIENTISTS	135	-	9	39	20	26	30	11	-	$14 577	$14 709	117	$16 241
MATHEMATICAL AND COMPUTER SCIENTISTS	725	14	42	30	52	229	164	187	7	$19 855	$20 145	654	$20 579
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	507	14	21	19	25	136	122	170	-	$21 201	$21 087	460	$22 069
NATURAL SCIENTISTS	639	15	45	35	131	116	149	135	13	$18 765	$19 249	511	$20 332
HEALTH DIAGNOSING OCCUPATIONS	2 261	27	58	136	102	242	178	646	872	$39 143	$44 773	1 574	$44 494
PHYSICIANS	1 518	6	19	96	73	186	90	365	683	$44 210	$47 870	1 072	$53 649
DENTISTS	477	15	21	11	21	24	71	151	163	$37 069	$43 350	279	$41 182
OTHER HEALTH DIAGNOSING PRACTITIONERS	266	6	18	29	8	32	17	130	26	$30 153	$29 648	223	$30 874
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	976	20	169	54	248	250	165	70	-	$14 936	$14 577	740	$16 125
REGISTERED NURSES	184	-	24	10	41	64	37	8	-	$15 850	$14 727	142	$16 600
PHARMACISTS	514	20	134	12	106	103	101	38	-	$14 388	$14 105	345	$17 093
THERAPISTS	206	-	11	32	65	70	21	7	-	$14 566	$14 260	189	$14 776
TEACHERS, LIBRARIANS, AND COUNSELORS	7 448	317	713	538	919	2 251	1 635	1 028	47	$17 193	$17 094	3 384	$20 240
TEACHERS, POSTSECONDARY	2 032	88	315	96	112	251	532	591	47	$21 066	$19 963	1 158	$24 390
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	2 392	50	128	177	378	902	543	214	-	$16 912	$16 819	897	$17 799
TEACHERS, SECONDARY	1 972	41	114	118	321	844	425	109	-	$16 604	$16 499	756	$17 657
SOCIAL SCIENTISTS AND URBAN PLANNERS	484	15	29	41	114	87	94	99	5	$17 068	$18 165	363	$18 612
SOCIAL AND RECREATION WORKERS	994	82	113	87	306	285	63	58	-	$13 505	$13 058	724	$15 199
RELIGIOUS WORKERS	903	30	313	253	143	66	47	51	-	$7 219	$9 667	758	$7 654
LAWYERS AND JUDGES	1 595	51	73	94	161	109	227	502	378	$27 322	$35 892	1 315	$29 699
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	3 335	293	581	561	566	479	450	367	38	$12 107	$13 636	2 120	$16 332
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	43 872	2 743	6 041	5 971	9 988	9 263	4 971	4 203	692	$13 364	$14 551	31 023	$15 827
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	5 868	292	628	695	1 648	1 377	759	435	34	$13 893	$14 256	4 191	$15 752
HEALTH TECHNOLOGISTS AND TECHNICIANS	704	33	68	58	252	197	66	30	-	$13 427	$13 582	511	$15 006
LICENSED PRACTICAL NURSES	42	-	5	7	12	5	-	13	-	$11 500	$15 193	21	$11 750
ENGINEERING AND SCIENCE TECHNICIANS	3 384	145	304	375	969	886	486	210	9	$14 384	$14 356	2 544	$15 929
ELECTRICAL AND ELECTRONIC TECHNICIANS	791	19	41	67	232	255	108	69	-	$15 433	$15 761	661	$16 353
DRAFTING AND SURVEYING TECHNICIANS	1 418	33	155	135	449	341	244	61	-	$14 071	$14 005	1 043	$15 619
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	1 780	114	256	262	427	294	207	195	25	$13 242	$14 331	1 136	$15 841
AIRPLANE PILOTS AND NAVIGATORS	73	-	-	6	9	7	11	33	7	$27 705	$29 046	32	$31 540
COMPUTER PROGRAMMERS	608	19	64	99	168	149	72	37	-	$13 830	$13 970	426	$15 659
SALES OCCUPATIONS	20 554	1 307	2 949	2 440	3 951	3 920	2 416	2 963	608	$14 441	$16 303	14 572	$16 977
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	4 677	150	336	545	1 048	1 162	640	647	149	$15 786	$18 114	4 032	$16 494
SELF-EMPLOYED	835	65	142	146	201	149	39	78	15	$11 265	$13 885	737	$11 833
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	4 047	141	344	382	691	713	668	884	224	$17 895	$20 581	3 050	$20 547
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	4 750	92	357	331	892	1 104	720	1 055	199	$17 743	$20 347	3 955	$18 888
SALES WORKERS, RETAIL AND PERSONAL SERVICES	6 993	924	1 899	1 170	1 293	922	372	377	36	$8 317	$9 910	3 461	$13 907
CASHIERS	1 756	320	809	283	181	113	30	20	-	$3 967	$6 094	373	$12 790
SALES RELATED OCCUPATIONS	87	-	13	12	27	19	16	-	-	$13 092	$12 948	74	$14 487

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, 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	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	17 450	1 144	2 464	2 836	4 389	3 966	1 796	805	50	$12 228	$12 586	12 260	$15 011
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	2 691	29	116	150	555	776	556	494	15	$17 687	$18 279	2 348	$18 524
COMPUTER EQUIPMENT OPERATORS	501	-	58	79	175	93	75	21	-	$13 221	$13 750	374	$14 723
SECRETARIES, STENOGRAPHERS, AND TYPISTS	190	41	50	34	36	5	4	20	-	$6 444	$9 484	89	$11 750
SECRETARIES	132	34	20	30	23	5	-	20	-	$7 714	$10 836	73	$11 083
RECEPTIONISTS	97	19	28	26	17	-	7	-	-	$6 150	$6 357	42	$8 667
FILE CLERKS	267	93	16	50	57	51	-	-	-	$8 179	$7 874	143	$12 646
FINANCIAL RECORDS PROCESSING OCCUPATIONS	956	81	158	186	281	135	71	37	7	$10 662	$11 497	608	$12 622
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	581	57	127	108	154	91	39	5	-	$9 947	$9 792	359	$12 431
TELEPHONE OPERATORS	10	-	-	5	5	-	-	-	-	$10 000	$9 505	10	$10 000
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	2 581	155	197	235	210	1 313	415	56	-	$16 087	$15 057	1 997	$16 640
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	4 587	267	920	1 211	1 391	588	138	50	22	$9 637	$9 973	3 013	$11 409
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	377	19	16	18	101	147	52	24	-	$15 689	$15 133	344	$16 003
BANK TELLERS	170	-	47	74	39	-	5	5	-	$7 617	$8 499	85	$8 750
DATA-ENTRY KEYERS	176	10	58	47	15	23	11	12	-	$7 739	$10 153	93	$11 750
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	4 847	430	800	721	1 507	835	462	86	6	$11 417	$11 224	3 114	$13 536
SERVICE OCCUPATIONS	26 946	4 298	6 644	5 386	5 495	2 947	1 425	681	70	$7 984	$8 912	14 430	$11 754
PRIVATE HOUSEHOLD OCCUPATIONS	51	10	14	17	10	-	-	-	-	$8 176	$5 660	29	$2 500
PROTECTIVE SERVICE OCCUPATIONS	6 640	305	779	655	1 445	1 911	1 107	432	6	$15 217	$14 314	5 020	$16 406
FIREFIGHTING OCCUPATIONS	1 448	11	25	70	331	642	305	64	-	$16 500	$16 613	1 339	$16 613
POLICE AND DETECTIVES, PUBLIC SERVICE	2 082	5	64	93	480	794	458	182	6	$16 852	$17 318	1 857	$17 342
GUARDS	2 257	276	655	462	451	255	110	48	-	$7 452	$8 641	1 113	$12 040
OTHER PROTECTIVE SERVICE OCCUPATIONS	853	13	35	30	183	220	234	138	-	$18 377	$18 091	711	$19 163
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	20 255	3 983	5 851	4 714	4 040	1 036	318	249	64	$6 266	$7 149	9 381	$10 262
FOOD PREPARATION AND SERVICE OCCUPATIONS	8 540	2 366	3 170	1 563	948	293	101	70	29	$3 779	$5 524	2 754	$9 273
WAITERS AND FOOD COUNTER WORKERS	784	205	372	104	58	40	5	-	-	$3 644	$4 814	182	$8 909
COOKS	3 438	686	1 225	722	544	142	40	50	29	$4 907	$6 817	1 333	$9 944
HEALTH SERVICE OCCUPATIONS	1 374	111	370	413	325	100	29	26	-	$8 135	$8 353	831	$10 439
NURSING AIDES, ORDERLIES, AND ATTENDANTS	1 104	78	292	344	263	86	22	19	-	$8 388	$8 478	691	$10 259
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	8 600	1 154	1 853	2 339	2 458	520	132	114	30	$8 518	$8 456	4 931	$10 568
PERSONAL SERVICE OCCUPATIONS	1 741	352	458	399	309	123	56	39	5	$6 582	$7 711	865	$10 290
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	816	30	215	245	200	81	13	32	-	$8 586	$9 362	552	$10 245
FARMING, FORESTRY, AND FISHING OCCUPATIONS	2 654	310	660	655	579	203	73	174	-	$8 194	$9 212	1 091	$11 300
FARM OPERATORS AND MANAGERS	307	38	58	53	60	42	13	43	-	$10 176	$11 603	232	$9 375
FARM OCCUPATIONS, EXCEPT MANAGERIAL	277	46	84	49	58	7	18	15	-	$6 548	$8 457	80	$12 000
RELATED AGRICULTURAL OCCUPATIONS	1 313	156	339	378	336	75	12	17	-	$7 737	$7 662	526	$10 978
FORESTRY AND FISHING OCCUPATIONS	757	70	179	175	125	79	30	99	-	$9 081	$11 204	253	$15 447
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	52 559	2 324	5 614	8 073	14 466	12 054	6 375	3 348	305	$13 308	$13 797	36 892	$15 282
MECHANICS AND REPAIRERS	14 436	706	1 385	2 291	4 636	3 178	1 391	836	13	$12 817	$13 100	10 972	$14 247
AUTOMOBILE MECHANICS, INCLUDING BODY	4 791	352	687	1 037	1 687	772	182	67	7	$10 829	$10 551	3 321	$12 246
AIRCRAFT MECHANICS	109	6	18	7	10	39	18	11	-	$16 164	$15 059	84	$17 649
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	710	17	32	103	258	169	77	54	-	$13 867	$14 729	610	$14 878
OTHER MECHANICS AND REPAIRERS	8 826	331	648	1 144	2 681	2 198	1 114	704	6	$14 106	$14 329	6 957	$15 330
CONSTRUCTION TRADES	16 447	834	2 349	3 190	4 321	3 194	1 636	830	93	$11 968	$12 514	8 877	$15 042
CARPENTERS	5 291	307	1 055	1 280	1 446	785	283	122	13	$10 010	$10 495	2 364	$12 698
ELECTRICIANS	2 096	56	139	310	577	545	347	112	10	$14 657	$14 697	1 513	$15 573
PAINTERS, CONSTRUCTION AND MAINTENANCE	1 451	130	341	380	367	176	31	26	-	$8 967	$9 123	568	$12 015
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	1 989	57	183	303	578	508	247	113	-	$13 714	$13 675	1 437	$15 410
OTHER CONSTRUCTION TRADES	5 620	284	631	917	1 353	1 180	728	457	70	$13 315	$14 066	2 995	$17 176
EXTRACTIVE OCCUPATIONS	100	-	5	10	13	39	21	12	-	$17 159	$16 718	67	$18 852
PRECISION PRODUCTION OCCUPATIONS	21 576	784	1 875	2 582	5 496	5 643	3 327	1 670	199	$15 028	$15 227	16 976	$15 906
SUPERVISORS, PRODUCTION OCCUPATIONS	9 488	202	412	620	2 063	2 865	2 063	1 119	144	$16 968	$17 983	8 099	$17 669
MANUFACTURING	7 728	151	294	465	1 653	2 511	1 715	821	118	$17 004	$18 083	6 679	$17 575
PRECISION METALWORKING OCCUPATIONS	8 077	359	933	1 207	2 292	1 991	918	352	25	$13 162	$13 309	6 031	$14 725
TOOL AND DIE MAKERS	2 368	65	152	226	452	761	508	193	11	$16 354	$16 347	1 971	$17 033
MACHINISTS	3 050	100	311	419	1 081	831	266	37	5	$13 107	$12 809	2 352	$13 943
SHEET METAL WORKERS	461	5	60	78	123	111	55	20	9	$13 198	$14 711	326	$14 125
OTHER PRECISION METAL WORKERS	2 198	189	410	484	636	288	89	102	-	$10 099	$10 436	1 382	$11 842
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	393	16	84	99	118	48	13	15	-	$9 889	$10 110	319	$10 804
PLANT AND SYSTEM OPERATORS	595	6	49	49	196	142	96	57	-	$14 892	$15 072	474	$15 912
OTHER PRECISION PRODUCTION OCCUPATIONS	3 023	201	397	607	827	597	237	127	30	$11 626	$12 400	2 053	$13 095

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, 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	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
OPERATORS, FABRICATORS, AND LABORERS	61 930	5 020	10 026	12 774	18 085	10 664	3 538	1 640	183	$10 781	$10 942	37 276	$12 802
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	34 673	2 306	5 077	7 831	11 120	6 135	1 664	459	81	$10 875	$10 851	22 766	$12 458
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	26 070	1 657	3 612	6 307	8 606	4 257	1 142	415	74	$10 754	$10 851	17 470	$12 221
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	5 563	338	779	1 327	1 842	973	241	54	9	$10 864	$10 787	3 662	$12 360
PRINTING MACHINE OPERATORS	1 758	83	172	315	529	342	184	126	7	$12 563	$13 327	1 366	$13 891
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	2 641	158	384	937	874	206	56	26	-	$9 390	$9 264	1 782	$10 463
TEXTILE MACHINE OPERATORS	1 916	123	200	657	736	145	29	26	-	$9 882	$9 600	1 313	$10 664
TEXTILE SEWING MACHINE OPERATORS	230	-	53	90	62	21	4	-	-	$9 018	$9 096	145	$10 238
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	384	28	118	132	64	25	17	-	-	$7 082	$7 661	260	$8 800
OTHER SPECIFIED MACHINE OPERATORS	7 321	483	1 108	1 667	2 308	1 292	346	97	20	$10 837	$10 957	4 872	$12 593
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	8 787	595	1 169	2 061	3 053	1 444	315	112	38	$10 822	$10 785	5 788	$12 192
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	2 404	169	267	645	781	364	140	26	12	$10 635	$11 008	1 561	$12 189
MACHINE OPERATORS, NOT SPECIFIED	6 383	426	902	1 416	2 272	1 080	175	86	26	$10 892	$10 701	4 227	$12 193
INDUSTRY:													
MANUFACTURING	8 347	529	1 104	1 967	2 947	1 373	289	100	38	$10 860	$10 816	5 524	$12 198
NONDURABLE GOODS	2 223	150	308	538	817	310	68	11	21	$10 516	$10 556	1 459	$11 666
FOOD AND KINDRED PRODUCTS	134	13	21	40	13	47	-	-	-	$9 481	$10 061	67	$15 049
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	528	20	70	144	233	43	18	-	-	$10 488	$9 873	347	$11 659
PAPER AND ALLIED PRODUCTS	456	18	57	116	164	73	24	4	-	$10 685	$10 790	338	$11 255
OTHER NONDURABLE GOODS	1 105	99	160	238	407	147	26	7	21	$10 512	$10 845	707	$11 803
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	6 124	379	796	1 429	2 130	1 063	221	89	17	$11 034	$10 911	4 065	$12 387
METAL INDUSTRIES	2 694	144	313	595	1 021	516	46	47	12	$11 379	$11 224	1 746	$12 471
MACHINERY, INCLUDING ELECTRICAL	1 335	52	195	288	458	296	34	12	-	$11 616	$11 098	913	$12 929
TRANSPORTATION EQUIPMENT	177	24	-	45	84	17	7	-	-	$10 661	$9 736	113	$11 625
OTHER DURABLE GOODS	1 918	159	288	501	567	234	134	30	5	$10 094	$10 449	1 293	$11 896
NONMANUFACTURING INDUSTRIES	440	66	65	94	106	71	26	12	-	$9 444	$10 189	264	$12 043
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	83	-	5	-	28	37	7	6	-	$15 609	$16 010	66	$16 054
WHOLESALE AND RETAIL TRADE	156	27	24	36	36	21	12	-	-	$8 714	$9 593	95	$12 335
ALL OTHER INDUSTRIES	201	39	36	58	42	13	7	6	-	$6 944	$8 249	103	$7 780
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	6 623	567	1 284	1 184	1 814	1 372	354	41	7	$10 739	$10 422	3 872	$13 138
WELDERS AND CUTTERS	2 684	127	410	454	857	653	142	41	-	$12 289	$11 500	1 674	$13 793
ASSEMBLERS	3 268	347	700	625	765	641	183	-	7	$9 736	$9 895	1 814	$12 700
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	671	93	174	105	192	78	29	-	-	$8 894	$8 674	384	$11 691
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 980	82	181	340	700	506	168	3	-	$12 754	$12 282	1 424	$13 672
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	14 852	814	1 974	2 231	4 143	2 877	1 608	1 114	91	$12 644	$13 314	9 294	$14 716
MOTOR VEHICLE OPERATORS	10 928	560	1 518	1 659	2 877	2 093	1 262	901	58	$12 667	$13 438	6 834	$15 152
TRUCK DRIVERS AND DRIVER-SALES WORKERS	9 347	437	1 111	1 416	2 574	1 778	1 146	827	58	$12 993	$13 906	6 107	$15 092
BUS DRIVERS	954	57	211	126	185	253	69	53	-	$11 976	$11 782	463	$15 861
RAIL AND WATER TRANSPORTATION OCCUPATIONS	373	-	11	9	44	95	59	127	28	$21 997	$24 203	258	$24 347
MATERIAL MOVING EQUIPMENT OPERATORS	3 551	254	445	563	1 222	689	287	86	5	$12 127	$11 789	2 202	$13 108
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	406	14	17	67	137	108	55	8	-	$13 277	$13 219	196	$15 493
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	12 405	1 900	2 975	2 712	2 822	1 652	266	67	11	$7 958	$8 359	5 216	$11 947
CONSTRUCTION LABORERS	2 349	219	406	589	643	431	33	28	-	$9 748	$9 525	822	$11 940
FREIGHT, STOCK, AND MATERIAL HANDLERS	4 048	786	1 129	729	692	584	110	12	6	$6 517	$7 856	1 528	$13 187
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	720	213	247	168	72	16	4	-	-	$3 831	$4 920	202	$8 667
HAND PACKERS AND PACKAGERS	1 026	168	259	276	212	93	18	-	-	$7 387	$7 633	524	$9 894
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	1 300	290	327	198	364	81	28	7	5	$6 623	$7 706	488	$11 377
LABORERS, EXCEPT CONSTRUCTION	2 962	224	607	752	839	447	73	20	-	$9 528	$9 497	1 652	$11 974
MANUFACTURING	1 295	86	290	399	360	129	17	14	-	$8 622	$8 855	645	$11 500
NONDURABLE GOODS	307	28	43	93	77	55	6	5	-	$9 563	$9 743	160	$12 299
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	988	58	247	306	283	74	11	9	-	$8 292	$8 580	485	$11 212
METAL INDUSTRIES	292	16	34	83	136	17	6	-	-	$10 382	$9 741	148	$11 956
NONMANUFACTURING INDUSTRIES	1 667	138	317	353	479	318	56	6	-	$10 233	$9 995	1 007	$12 276
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	298	13	36	55	89	88	11	6	-	$12 000	$11 505	163	$14 262
WHOLESALE AND RETAIL TRADE	818	32	157	159	217	218	35	-	-	$11 356	$11 088	571	$13 505
ALL OTHER INDUSTRIES	551	93	124	139	173	12	10	-	-	$8 588	$7 556	273	$10 481
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	116	14	68	17	6	-	-	11	-	$5 111	$6 528	22	$5 917

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, 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	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
FEMALE EXPERIENCED CIVILIAN LABOR FORCE	193 751	27 264	60 868	59 667	30 821	10 902	2 770	1 121	338	$6 553	$7 144	86 140	$9 215
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	34 502	2 752	5 850	6 871	8 989	7 318	1 899	698	125	$10 947	$11 158	15 857	$12 975
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	10 256	621	1 649	2 480	3 104	1 411	603	340	48	$10 474	$11 244	7 109	$11 918
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	341	40	33	57	90	67	40	14	-	$11 558	$12 219	253	$13 837
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	680	99	130	117	125	107	59	43	-	$9 857	$10 845	377	$12 756
MANAGERS, MEDICINE AND HEALTH	201	6	6	35	62	37	49	-	6	$14 262	$16 581	162	$16 107
OTHER SPECIFIED MANAGERS	1 437	62	231	340	466	222	85	31	-	$10 760	$11 004	1 026	$12 209
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	4 740	271	786	1 189	1 332	659	262	214	27	$10 344	$11 555	3 215	$11 935
MANUFACTURING	906	30	68	163	302	202	86	42	13	$11 949	$15 062	682	$13 093
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	224	7	14	25	46	43	25	64	-	$16 911	$17 692	166	$18 754
WHOLESALE AND RETAIL TRADE	1 277	95	313	417	276	104	47	19	6	$8 144	$8 955	792	$10 305
ALL OTHER INDUSTRIES	2 333	139	391	584	708	310	104	89	8	$10 317	$11 026	1 575	$12 221
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	254	17	79	76	33	36	5	8	-	$8 085	$9 361	169	$9 071
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING	74	-	24	33	6	11	-	-	-	$7 368	$8 178	51	$8 786
WHOLESALE AND RETAIL TRADE	136	17	40	19	22	25	5	8	-	$8 933	$10 766	79	$10 636
ALL OTHER INDUSTRIES	44	-	15	24	5	-	-	-	-	$8 111	$7 009	39	$7 500
MANAGEMENT RELATED OCCUPATIONS	2 603	126	384	666	996	283	103	30	15	$10 510	$10 559	1 907	$11 544
ACCOUNTANTS AND AUDITORS	813	47	154	201	298	68	39	6	-	$10 074	$9 852	573	$11 796
BUYERS AND PURCHASING AGENTS	528	29	68	188	169	44	15	6	9	$9 667	$10 352	375	$10 390
PROFESSIONAL SPECIALTY OCCUPATIONS	24 246	2 131	4 201	4 391	5 885	5 907	1 296	358	77	$11 296	$11 122	8 748	$13 764
ENGINEERS, ARCHITECTS, AND SURVEYORS	183	5	18	19	57	77	-	7	-	$14 200	$13 070	126	$15 366
ARCHITECTS	17	-	5	12	-	-	-	-	-	$6 583	$5 143	-	-
ENGINEERS	166	5	13	7	57	77	-	7	-	$15 021	$13 882	126	$15 366
ELECTRICAL AND ELECTRONIC ENGINEERS	59	-	6	-	8	38	-	7	-	$16 012	$17 330	45	$16 697
MECHANICAL ENGINEERS	33	-	-	7	-	26	-	-	-	$15 297	$13 486	19	$15 439
OTHER ENGINEERS	74	5	7	-	49	13	-	-	-	$12 187	$11 309	62	$12 623
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	241	-	26	61	72	62	16	4	-	$11 489	$12 760	168	$12 716
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	96	-	12	6	31	35	12	-	-	$14 693	$14 260	65	$15 113
NATURAL SCIENTISTS	246	21	23	52	85	43	11	11	-	$11 636	$11 478	138	$13 411
HEALTH DIAGNOSING OCCUPATIONS	264	21	12	44	42	70	-	29	46	$15 628	$22 574	147	$18 096
PHYSICIANS	247	21	5	44	32	70	-	29	46	$16 088	$23 470	143	$18 325
DENTISTS	11	-	7	-	4	-	-	-	-	$4 786	$7 947	4	$12 272
OTHER HEALTH DIAGNOSING PRACTITIONERS	6	-	-	-	6	-	-	-	-	$12 272	$12 505	-	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	7 090	310	1 032	1 730	2 443	1 218	266	91	-	$11 133	$10 757	3 351	$13 964
REGISTERED NURSES	6 120	253	848	1 494	2 116	1 077	246	86	-	$11 348	$10 897	2 877	$14 259
PHARMACISTS	162	20	47	50	21	17	7	-	-	$6 933	$7 780	75	$9 350
THERAPISTS	574	15	102	91	260	93	13	-	-	$11 423	$10 727	282	$12 945
TEACHERS, LIBRARIANS, AND COUNSELORS	12 261	1 278	2 077	1 682	2 280	3 932	852	135	25	$12 439	$11 648	2 808	$14 529
TEACHERS, POSTSECONDARY	1 092	148	223	112	147	261	104	97	-	$12 982	$12 178	403	$17 179
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	6 849	501	985	891	1 252	2 663	524	24	9	$14 118	$12 509	1 229	$15 012
TEACHERS, SECONDARY	1 938	126	228	258	450	707	139	14	16	$13 644	$13 129	420	$15 190
SOCIAL SCIENTISTS AND URBAN PLANNERS	348	20	57	48	100	73	32	12	6	$12 345	$13 509	207	$13 246
SOCIAL AND RECREATION WORKERS	1 648	180	335	350	433	275	53	22	-	$9 537	$9 767	902	$12 725
RELIGIOUS WORKERS	192	14	121	42	7	8	-	-	-	$5 264	$5 426	79	$5 435
LAWYERS AND JUDGES	146	8	21	26	43	20	14	14	-	$12 237	$12 866	107	$14 230
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	1 627	274	479	337	323	129	52	33	-	$6 654	$7 752	715	$11 294
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	79 076	9 941	23 137	27 658	14 677	2 699	605	275	84	$6 983	$7 054	39 062	$9 369
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	5 634	456	1 335	1 606	1 797	353	71	6	10	$8 697	$8 485	2 735	$11 308
HEALTH TECHNOLOGISTS AND TECHNICIANS	4 065	284	1 037	1 142	1 351	234	17	-	-	$8 646	$8 215	1 871	$11 326
LICENSED PRACTICAL NURSES	2 115	129	556	682	701	42	5	-	-	$8 449	$7 884	879	$11 118
ENGINEERING AND SCIENCE TECHNICIANS	816	100	158	280	149	83	30	6	10	$8 395	$9 294	448	$10 377
ELECTRICAL AND ELECTRONIC TECHNICIANS	74	6	8	30	22	8	-	-	-	$9 125	$9 819	28	$13 258
DRAFTING AND SURVEYING TECHNICIANS	166	13	37	55	19	17	19	6	-	$9 000	$10 131	92	$11 286
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	753	72	140	184	297	36	24	-	-	$9 576	$9 067	416	$11 818
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	340	14	61	71	162	18	14	-	-	$11 000	$9 889	215	$12 355
SALES OCCUPATIONS	17 190	3 913	7 631	3 449	1 481	456	118	128	14	$4 095	$5 164	5 124	$8 307
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 483	176	449	492	254	77	14	21	-	$6 710	$7 116	875	$8 575
SELF-EMPLOYED	298	95	98	53	29	7	7	9	-	$4 667	$5 219	157	$6 025
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	1 999	257	431	498	451	212	72	78	-	$8 385	$9 144	1 170	$10 815
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	652	90	160	128	190	52	19	13	-	$8 649	$8 716	391	$11 110
SALES WORKERS, RETAIL AND PERSONAL SERVICES	13 012	3 372	6 571	2 331	580	115	13	16	14	$3 552	$4 157	2 682	$7 335
CASHIERS	5 871	1 585	2 988	1 002	236	43	7	-	10	$3 522	$4 057	954	$7 416
SALES RELATED OCCUPATIONS	44	18	20	-	6	-	-	-	-	$3 800	$3 773	6	$11 000

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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PROVIDENCE-WARWICK-PAWTUCKET, RI-MA SMSA	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	56 252	5 572	14 171	22 603	11 399	1 890	416	141	60	$7 665	$7 489	31 203	$9 341
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	2 465	78	243	705	1 048	288	89	6	8	$10 694	$10 917	1 913	$11 382
COMPUTER EQUIPMENT OPERATORS	1 236	119	211	527	310	57	12	-	-	$8 594	$8 186	791	$9 679
SECRETARIES, STENOGRAPHERS, AND TYPISTS	18 485	1 633	4 412	7 802	4 002	493	102	24	17	$7 992	$7 546	10 521	$9 415
SECRETARIES	14 764	1 224	3 390	6 089	3 528	414	88	24	7	$8 178	$7 706	8 372	$9 605
RECEPTIONISTS	1 747	298	636	625	176	-	-	5	7	$5 683	$5 907	712	$8 412
FILE CLERKS	1 212	350	405	399	46	6	6	-	-	$4 689	$4 707	427	$7 810
FINANCIAL RECORDS PROCESSING OCCUPATIONS	8 885	589	2 029	3 825	2 096	262	40	32	12	$8 204	$7 934	5 234	$9 423
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	6 777	462	1 480	2 901	1 640	226	35	26	7	$8 250	$8 008	3 909	$9 529
TELEPHONE OPERATORS	1 039	85	243	255	425	12	8	11	-	$8 743	$8 627	523	$12 002
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	586	125	128	136	44	100	42	11	-	$6 800	$8 861	306	$11 385
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	1 665	111	480	790	232	45	7	-	-	$7 088	$7 097	990	$8 379
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	401	12	24	237	95	33	-	-	-	$9 132	$9 137	335	$9 276
BANK TELLERS	2 148	206	795	1 004	139	4	-	-	-	$6 302	$5 962	1 000	$8 380
DATA-ENTRY KEYERS	1 770	129	450	853	305	25	8	-	-	$7 724	$7 142	1 031	$9 067
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	14 613	1 837	4 115	5 445	2 481	565	102	52	16	$7 003	$7 057	7 420	$9 180
SERVICE OCCUPATIONS	29 066	8 327	12 908	5 633	1 715	255	119	51	58	$3 503	$4 425	6 907	$7 888
PRIVATE HOUSEHOLD OCCUPATIONS	1 086	528	471	65	19	-	-	3	-	$2 077	$2 628	172	$3 667
PROTECTIVE SERVICE OCCUPATIONS	861	238	385	133	66	28	11	-	-	$3 411	$4 760	226	$9 323
FIREFIGHTING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
POLICE AND DETECTIVES, PUBLIC SERVICE	40	-	5	9	15	11	-	-	-	$12 845	$11 819	26	$14 364
GUARDS	722	230	361	98	33	-	-	-	-	$2 942	$3 567	132	$8 043
OTHER PROTECTIVE SERVICE OCCUPATIONS	99	8	19	26	18	17	11	-	-	$9 533	$10 608	68	$13 746
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	27 119	7 561	12 052	5 435	1 630	227	108	48	58	$3 578	$4 487	6 509	$7 912
FOOD PREPARATION AND SERVICE OCCUPATIONS	12 614	4 418	6 252	1 559	279	42	43	21	-	$2 811	$3 402	1 689	$6 910
WAITERS AND FOOD COUNTER WORKERS	7 087	2 648	3 550	777	75	6	23	8	-	$2 670	$3 102	817	$6 298
COOKS	1 693	428	857	322	69	4	6	7	-	$3 677	$4 316	353	$7 426
HEALTH SERVICE OCCUPATIONS	8 043	1 368	3 095	2 467	921	87	52	15	38	$5 387	$5 966	3 067	$8 520
NURSING AIDES, ORDERLIES, AND ATTENDANTS	6 192	1 078	2 367	1 776	792	82	52	15	30	$5 329	$6 058	2 378	$8 637
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	2 032	501	800	507	202	15	7	-	-	$4 609	$5 057	729	$8 425
PERSONAL SERVICE OCCUPATIONS	4 430	1 274	1 905	902	228	83	6	12	20	$3 679	$4 630	1 024	$7 307
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	1 816	274	862	474	156	38	-	6	6	$4 891	$5 534	564	$8 078
FARMING, FORESTRY, AND FISHING OCCUPATIONS	432	143	155	70	33	18	-	13	-	$3 463	$4 978	126	$6 650
FARM OPERATORS AND MANAGERS	59	42	6	-	5	6	-	-	-	$1 432	$2 960	25	$1 917
FARM OCCUPATIONS, EXCEPT MANAGERIAL	67	21	10	19	5	12	-	-	-	$6 417	$6 332	34	$5 500
RELATED AGRICULTURAL OCCUPATIONS	269	80	139	36	14	-	-	-	-	$3 321	$3 626	50	$6 786
FORESTRY AND FISHING OCCUPATIONS	37	-	-	15	9	-	-	13	-	$12 915	$15 567	17	$12 024
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	9 335	995	3 154	3 554	1 292	233	60	21	26	$6 495	$6 751	4 921	$8 185
MECHANICS AND REPAIRERS	823	150	313	248	86	5	5	7	9	$5 313	$6 748	359	$7 815
AUTOMOBILE MECHANICS, INCLUDING BODY	31	5	-	13	8	5	-	-	-	$9 000	$8 106	31	$9 000
AIRCRAFT MECHANICS	5	-	-	-	5	-	-	-	-	$11 000	$10 385	5	$11 000
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	6	-	-	6	-	-	-	-	-	$9 000	$8 005	6	$9 000
OTHER MECHANICS AND REPAIRERS	781	145	313	229	73	-	5	7	9	$5 100	$6 661	317	$7 575
CONSTRUCTION TRADES	263	55	102	44	56	-	-	-	6	$5 250	$6 682	83	$10 208
CARPENTERS	59	11	22	14	12	-	-	-	-	$5 708	$6 141	12	$11 000
ELECTRICIANS	32	-	10	9	13	-	-	-	-	$9 333	$8 699	28	$9 600
PAINTERS, CONSTRUCTION AND MAINTENANCE	87	39	43	5	-	-	-	-	-	$2 375	$2 752	8	$5 500
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	29	5	11	-	13	-	-	-	-	$4 700	$6 743	13	$12 032
OTHER CONSTRUCTION TRADES	56	-	16	16	18	-	-	-	6	$7 500	$12 175	22	$7 375
EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	8 249	790	2 739	3 262	1 150	228	55	14	11	$6 613	$6 753	4 479	$8 200
SUPERVISORS, PRODUCTION OCCUPATIONS	2 726	98	456	1 231	735	151	41	14	-	$8 582	$8 737	2 055	$9 214
MANUFACTURING	2 326	64	359	1 127	615	136	11	14	-	$8 628	$8 788	1 781	$9 127
PRECISION METALWORKING OCCUPATIONS	3 681	457	1 646	1 316	208	48	6	-	-	$5 459	$5 399	1 522	$7 193
TOOL AND DIE MAKERS	26	-	-	13	13	-	-	-	-	$10 000	$10 032	26	$10 000
MACHINISTS	94	-	34	35	10	15	-	-	-	$8 370	$8 424	73	$8 407
SHEET METAL WORKERS	11	-	11	-	-	-	-	-	-	$5 083	$4 469	-	-
OTHER PRECISION METAL WORKERS	3 550	457	1 601	1 268	185	33	6	-	-	$5 402	$5 288	1 423	$7 132
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	466	92	215	109	44	-	-	-	6	$4 745	$5 665	127	$7 889
PLANT AND SYSTEM OPERATORS	53	-	-	45	8	-	-	-	-	$8 724	$8 550	43	$9 069
OTHER PRECISION PRODUCTION OCCUPATIONS	1 323	143	422	561	155	29	8	-	5	$6 599	$6 743	732	$8 082

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, 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	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
OPERATORS, FABRICATORS, AND LABORERS	41 320	5 106	15 656	15 869	4 115	379	87	63	45	$5 979	$5 986	19 255	$7 665
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	34 147	3 883	12 630	13 580	3 575	301	75	58	45	$6 138	$6 142	16 558	$7 737
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	19 408	2 096	6 994	8 133	1 951	148	46	18	22	$6 250	$6 158	9 556	$7 653
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	2 033	208	780	701	332	12	-	-	-	$6 141	$6 285	1 015	$7 898
PRINTING MACHINE OPERATORS	387	79	117	148	43	-	-	-	-	$5 911	$5 597	168	$7 766
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	5 493	564	1 943	2 448	476	31	31	-	-	$6 322	$6 096	2 583	$7 645
TEXTILE MACHINE OPERATORS	2 571	263	665	1 343	267	25	8	-	-	$6 894	$6 536	1 463	$7 801
TEXTILE SEWING MACHINE OPERATORS	2 141	214	905	856	153	6	7	-	-	$5 830	$5 718	765	$7 441
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	466	49	218	152	39	-	8	-	-	$5 452	$5 654	245	$7 431
OTHER SPECIFIED MACHINE OPERATORS	4 598	567	1 892	1 745	329	53	6	-	6	$5 707	$5 780	2 159	$7 442
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	6 897	678	2 262	3 091	771	52	9	18	16	$6 556	$6 454	3 631	$7 738
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	1 663	133	541	829	143	11	-	6	-	$6 618	$6 326	852	$7 584
MACHINE OPERATORS, NOT SPECIFIED	5 234	545	1 721	2 262	628	41	9	12	16	$6 532	$6 495	2 779	$7 799
INDUSTRY:													
MANUFACTURING	6 598	550	2 160	3 033	760	52	9	18	16	$6 652	$6 577	3 547	$7 734
NONDURABLE GOODS	2 086	170	880	882	140	7	-	-	7	$5 978	$5 838	1 098	$7 009
FOOD AND KINDRED PRODUCTS	40	-	34	6	-	-	-	-	-	$4 263	$4 231	13	$2 929
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	793	100	258	374	54	7	-	-	-	$6 328	$5 867	446	$7 141
PAPER AND ALLIED PRODUCTS	337	11	173	145	8	-	-	-	-	$5 728	$5 549	160	$7 015
OTHER NONDURABLE GOODS	916	59	415	357	78	-	-	-	7	$5 885	$5 989	479	$6 918
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	4 512	380	1 280	2 151	620	45	9	18	9	$7 008	$6 919	2 449	$8 136
METAL INDUSTRIES	858	56	220	436	128	-	9	-	9	$7 003	$7 615	475	$7 715
MACHINERY, INCLUDING ELECTRICAL	1 045	106	129	585	187	32	-	6	-	$8 049	$7 625	686	$8 762
TRANSPORTATION EQUIPMENT	46	13	7	12	14	-	-	-	-	$7 200	$6 148	19	$10 643
OTHER DURABLE GOODS	2 563	205	924	1 118	291	13	-	12	-	$6 514	$6 413	1 269	$7 902
NONMANUFACTURING INDUSTRIES	299	128	102	58	11	-	-	-	-	$2 827	$3 729	84	$8 000
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	19	-	12	-	7	-	-	-	-	$5 792	$6 900	12	$10 286
WHOLESALE AND RETAIL TRADE	147	70	52	21	4	-	-	-	-	$2 184	$3 212	28	$6 333
ALL OTHER INDUSTRIES	133	58	38	37	-	-	-	-	-	$3 250	$3 848	44	$8 581
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	9 915	1 370	4 000	3 477	901	103	18	23	23	$5 672	$5 866	4 368	$7 681
WELDERS AND CUTTERS	397	47	80	200	58	7	-	5	-	$7 388	$7 374	220	$8 700
ASSEMBLERS	8 387	1 142	3 378	2 964	762	88	12	18	23	$5 688	$5 886	3 669	$7 687
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	1 131	181	542	313	81	8	6	-	-	$5 139	$5 187	479	$7 076
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	4 824	417	1 636	1 970	723	50	11	17	-	$6 649	$6 648	2 634	$8 222
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	1 006	157	483	274	70	15	7	-	-	$4 621	$5 100	238	$8 061
MOTOR VEHICLE OPERATORS	772	126	403	187	49	-	7	-	-	$4 364	$4 798	132	$7 163
TRUCK DRIVERS AND DRIVER-SALES WORKERS	140	17	50	61	5	-	7	-	-	$6 240	$6 588	66	$7 882
BUS DRIVERS	586	99	339	114	34	-	-	-	-	$4 000	$4 314	52	$6 600
RAIL AND WATER TRANSPORTATION OCCUPATIONS	8	-	-	-	-	8	-	-	-	$15 439	$15 005	8	$15 439
MATERIAL MOVING EQUIPMENT OPERATORS	226	31	80	87	21	7	-	-	-	$6 098	$5 778	98	$8 696
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	6 167	1 066	2 543	2 015	470	63	5	5	-	$5 234	$5 267	2 459	$7 227
CONSTRUCTION LABORERS	-	-	-	-	-	-	-	-	-	-	-	-	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	778	151	392	203	27	5	-	-	-	$4 433	$4 588	231	$6 859
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	13	13	-	-	-	-	-	-	-	$1 500	$1 468	-	-
HAND PACKERS AND PACKAGERS	3 676	608	1 492	1 236	288	42	5	5	-	$5 247	$5 322	1 441	$7 196
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	222	21	109	81	11	-	-	-	-	$5 472	$5 313	87	$7 350
LABORERS, EXCEPT CONSTRUCTION	1 478	273	550	495	144	16	-	-	-	$5 578	$5 514	700	$7 393
MANUFACTURING	1 145	197	444	428	60	16	-	-	-	$5 546	$5 281	530	$7 055
NONDURABLE GOODS	243	67	56	92	28	-	-	-	-	$5 940	$5 103	119	$7 325
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	902	130	388	336	32	16	-	-	-	$5 468	$5 329	411	$7 000
METAL INDUSTRIES	56	16	11	23	-	6	-	-	-	$6 087	$5 592	29	$7 261
NONMANUFACTURING INDUSTRIES	333	76	106	67	84	-	-	-	-	$5 677	$6 315	170	$9 692
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	15	-	4	6	5	-	-	-	-	$9 167	$7 957	11	$9 833
WHOLESALE AND RETAIL TRADE	220	12	85	49	74	-	-	-	-	$7 182	$7 635	143	$9 815
ALL OTHER INDUSTRIES	98	64	17	12	5	-	-	-	-	$1 531	$3 102	16	$9 000
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	20	-	8	12	-	-	-	-	-	$6 667	$6 665	12	$8 000

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, 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

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
MALE EXPERIENCED CIVILIAN LABOR FORCE	135 667	8 682	16 175	18 083	31 925	29 372	16 061	12 846	2 523	$13 722	$15 022	94 294	$15 862
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	29 817	800	1 762	2 128	4 892	6 624	5 120	6 588	1 903	$18 722	$22 420	22 909	$20 487
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	15 404	359	724	1 000	2 481	2 969	2 708	4 139	1 024	$20 231	$23 883	13 217	$21 221
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	528	13	13	22	95	155	95	128	7	$18 518	$19 481	471	$18 998
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	584	11	12	-	48	143	185	185	-	$21 584	$21 498	394	$21 860
MANAGERS, MEDICINE AND HEALTH	214	-	6	6	34	53	73	36	6	$20 322	$21 524	209	$20 429
OTHER SPECIFIED MANAGERS	2 845	10	111	112	412	536	550	997	117	$21 822	$23 478	2 534	$22 492
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	7 054	151	356	510	1 057	1 075	1 030	2 100	775	$21 540	$27 561	6 075	$23 359
MANUFACTURING	2 316	20	31	39	114	304	397	1 010	401	$28 209	$37 160	2 155	$28 872
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	498	4	14	22	71	102	56	188	41	$22 953	$28 819	442	$24 669
WHOLESALE AND RETAIL TRADE	2 039	41	231	227	506	285	217	347	185	$15 190	$21 261	1 603	$17 879
ALL OTHER INDUSTRIES	2 201	86	80	222	366	384	360	555	148	$19 364	$23 011	1 875	$21 013
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	603	76	24	111	131	67	62	77	55	$12 777	$18 562	470	$14 590
CONSTRUCTION	72	8	-	6	12	16	11	12	7	$17 690	$24 128	61	$19 698
MANUFACTURING	118	8	-	25	25	12	6	30	12	$15 329	$21 064	88	$15 997
WHOLESALE AND RETAIL TRADE	205	25	11	52	44	14	35	14	10	$11 261	$13 534	163	$13 610
ALL OTHER INDUSTRIES	208	35	13	28	50	25	10	21	26	$12 713	$20 170	158	$13 527
MANAGEMENT RELATED OCCUPATIONS	3 576	98	202	239	704	940	713	616	64	$17 400	$19 028	3 064	$18 340
ACCOUNTANTS AND AUDITORS	1 440	41	60	67	301	413	248	275	35	$17 520	$20 198	1 255	$18 615
BUYERS AND PURCHASING AGENTS	634	21	22	42	169	163	154	63	-	$16 463	$16 379	585	$17 157
PROFESSIONAL SPECIALTY OCCUPATIONS	14 413	441	1 038	1 128	2 411	3 655	2 412	2 449	879	$17 512	$20 857	9 692	$19 472
ENGINEERS, ARCHITECTS, AND SURVEYORS	3 177	57	68	131	447	834	788	799	53	$20 219	$20 941	2 719	$20 912
ARCHITECTS	86	-	-	24	31	25	6	-	-	$13 500	$12 949	55	$15 318
ENGINEERS	3 035	57	63	100	395	786	782	799	53	$20 513	$21 321	2 626	$21 148
ELECTRICAL AND ELECTRONIC ENGINEERS	419	7	-	-	56	127	125	98	6	$20 510	$21 463	335	$21 172
MECHANICAL ENGINEERS	579	12	34	26	71	125	175	123	13	$20 390	$20 314	478	$21 189
OTHER ENGINEERS	2 037	38	29	74	268	534	482	578	34	$20 557	$21 578	1 813	$21 122
SURVEYORS AND MAPPING SCIENTISTS	56	-	5	7	21	23	-	-	-	$13 744	$12 635	38	$15 129
MATHEMATICAL AND COMPUTER SCIENTISTS	566	-	-	39	49	196	136	139	7	$19 961	$21 734	503	$20 097
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	290	-	-	14	12	101	87	76	-	$20 696	$21 340	258	$20 628
NATURAL SCIENTISTS	304	-	41	31	51	40	55	68	18	$18 342	$18 716	255	$20 929
HEALTH DIAGNOSING OCCUPATIONS	1 161	-	15	47	39	65	66	350	579	$49 890	$51 696	774	$50 529
PHYSICIANS	743	-	-	31	27	42	36	203	404	$51 989	$55 058	486	$53 290
DENTISTS	292	-	6	-	12	-	12	117	145	$49 699	$49 658	189	$49 102
OTHER HEALTH DIAGNOSING PRACTITIONERS	126	-	9	16	-	23	18	30	30	$23 984	$36 596	99	$25 882
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	558	29	57	52	114	164	83	46	13	$15 528	$16 178	458	$16 520
REGISTERED NURSES	93	12	7	-	33	21	7	6	7	$13 976	$18 243	79	$13 953
PHARMACISTS	326	11	28	22	48	113	58	40	6	$16 776	$17 582	269	$18 086
THERAPISTS	112	6	22	24	17	25	18	-	-	$11 143	$11 340	83	$15 177
TEACHERS, LIBRARIANS, AND COUNSELORS	4 694	160	359	357	899	1 736	799	364	20	$16 079	$16 229	2 058	$17 336
TEACHERS, POSTSECONDARY	1 067	31	107	39	104	208	295	268	15	$20 507	$21 323	604	$22 783
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	1 649	31	52	117	372	787	234	51	5	$15 905	$15 746	601	$16 049
TEACHERS, SECONDARY	1 111	20	76	37	235	541	177	25	-	$15 995	$15 556	484	$15 918
SOCIAL SCIENTISTS AND URBAN PLANNERS	371	12	5	38	89	57	87	71	12	$18 337	$19 907	263	$20 023
SOCIAL AND RECREATION WORKERS	642	34	60	92	241	93	79	37	6	$12 700	$13 250	490	$13 958
RELIGIOUS WORKERS	355	-	136	40	67	80	21	11	-	$10 086	$10 958	281	$11 321
LAWYERS AND JUDGES	1 023	39	83	70	87	85	116	385	158	$26 115	$28 728	786	$26 946
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	1 562	110	214	231	328	305	182	179	13	$13 126	$13 892	1 105	$15 612
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	25 410	1 485	3 154	3 140	5 402	6 113	3 294	2 447	375	$14 463	$15 115	18 759	$16 194
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	3 575	150	286	395	884	976	531	321	32	$15 232	$15 735	2 819	$16 377
HEALTH TECHNOLOGISTS AND TECHNICIANS	281	-	25	83	78	48	31	16	-	$12 578	$13 121	227	$13 846
LICENSED PRACTICAL NURSES	54	-	-	30	18	6	-	-	-	$9 500	$10 203	29	$12 539
ENGINEERING AND SCIENCE TECHNICIANS	2 100	97	133	156	577	642	326	157	12	$15 419	$15 453	1 739	$16 090
ELECTRICAL AND ELECTRONIC TECHNICIANS	552	48	34	41	168	115	115	26	5	$14 469	$14 725	471	$15 628
DRAFTING AND SURVEYING TECHNICIANS	727	23	65	69	217	185	119	49	-	$14 756	$14 553	545	$15 736
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	1 194	53	128	156	229	286	174	148	20	$15 364	$16 846	853	$17 707
AIRPLANE PILOTS AND NAVIGATORS	78	-	6	18	9	6	6	13	20	$20 000	$40 081	52	$27 500
COMPUTER PROGRAMMERS	516	14	31	69	124	153	67	58	-	$15 409	$15 547	410	$16 738
SALES OCCUPATIONS	11 799	877	1 682	1 428	2 161	2 178	1 543	1 587	343	$14 267	$16 133	8 454	$16 843
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	2 899	63	282	418	641	670	444	297	84	$15 226	$17 095	2 480	$15 844
SELF-EMPLOYED	560	22	110	58	138	72	72	76	12	$12 741	$14 390	525	$12 756
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	2 221	124	154	233	354	366	374	473	143	$18 006	$21 323	1 711	$20 199
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	2 710	27	149	207	482	694	441	616	94	$18 106	$20 286	2 258	$19 377
SALES WORKERS, RETAIL AND PERSONAL SERVICES	3 931	663	1 097	564	676	438	284	193	16	$7 257	$9 522	1 967	$13 291
CASHIERS	513	148	217	52	45	32	19	-	-	$3 708	$5 469	131	$12 354
SALES RELATED OCCUPATIONS	38	-	-	6	8	10	-	8	6	$16 992	$27 033	38	$16 992

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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SPRINGFIELD-CHICOPEE-HOLYOKE, MA-CT SMSA	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	10 036	458	1 186	1 317	2 357	2 959	1 220	539	-	$14 221	$13 698	7 486	$15 702
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	1 575	24	58	102	372	435	332	252	-	$17 137	$17 692	1 428	$17 801
COMPUTER EQUIPMENT OPERATORS	327	-	37	43	110	70	57	10	-	$13 392	$13 871	253	$15 024
SECRETARIES, STENOGRAPHERS, AND TYPISTS	87	-	19	29	19	7	6	7	-	$8 500	$10 704	50	$11 867
SECRETARIES	28	-	-	16	6	-	6	-	-	$9 333	$10 648	18	$11 000
RECEPTIONISTS	33	8	13	-	-	12	-	-	-	$5 500	$8 143	12	$15 439
FILE CLERKS	150	7	26	24	18	55	4	16	-	$15 000	$13 955	93	$15 622
FINANCIAL RECORDS PROCESSING OCCUPATIONS	438	42	57	124	93	55	54	13	-	$9 875	$11 034	266	$12 738
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	231	21	42	64	61	18	20	5	-	$9 410	$9 935	141	$11 676
TELEPHONE OPERATORS	130	6	67	17	26	14	-	-	-	$4 652	$7 190	63	$12 051
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	1 945	50	112	114	166	1 259	221	23	-	$16 070	$15 971	1 616	$16 323
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	2 478	104	391	489	845	403	200	46	-	$11 378	$11 376	1 802	$12 615
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	236	12	8	23	44	78	56	15	-	$16 421	$15 771	170	$17 302
BANK TELLERS	77	-	32	18	20	7	-	-	-	$7 182	$7 709	34	$11 429
DATA-ENTRY KEYERS	58	-	11	14	12	8	6	7	-	$11 333	$13 007	45	$14 109
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	2 502	205	355	320	632	556	284	150	-	$12 777	$12 665	1 654	$15 513
SERVICE OCCUPATIONS	14 224	2 316	3 321	2 517	2 945	2 110	695	311	9	$8 469	$9 124	7 871	$12 518
PRIVATE HOUSEHOLD OCCUPATIONS	30	25	5	-	-	-	-	-	-	$1,000-	$1 043	-	-
PROTECTIVE SERVICE OCCUPATIONS	4 241	258	495	461	944	1 376	518	189	-	$14 790	$13 537	3 195	$15 842
FIREFIGHTING OCCUPATIONS	1 027	31	14	29	317	428	179	29	-	$15 849	$15 934	959	$16 056
POLICE AND DETECTIVES, PUBLIC SERVICE	1 149	12	56	47	276	560	140	58	-	$15 918	$15 889	1 016	$16 016
GUARDS	1 455	210	403	344	269	129	76	24	-	$7 218	$8 316	705	$11 650
OTHER PROTECTIVE SERVICE OCCUPATIONS	610	5	22	41	82	259	123	78	-	$17 302	$17 525	515	$18 076
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	9 953	2 033	2 821	2 056	2 001	734	177	122	9	$6 264	$7 268	4 676	$10 663
FOOD PREPARATION AND SERVICE OCCUPATIONS	3 591	1 126	1 358	551	379	121	30	17	9	$3 384	$5 127	1 048	$9 303
WAITERS AND FOOD COUNTER WORKERS	434	162	217	44	11	-	-	-	-	$2 809	$3 054	64	$6 600
COOKS	1 114	225	472	215	141	45	7	-	9	$4 196	$6 116	391	$9 543
HEALTH SERVICE OCCUPATIONS	798	61	182	301	192	57	-	5	-	$8 745	$8 403	506	$9 785
NURSING AIDES, ORDERLIES, AND ATTENDANTS	658	37	126	277	167	46	-	5	-	$8 977	$8 751	441	$9 741
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	4 856	772	1 007	1 073	1 330	491	120	63	-	$8 601	$8 430	2 771	$11 082
PERSONAL SERVICE OCCUPATIONS	708	74	274	131	100	65	27	37	-	$6 146	$8 879	351	$10 827
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	372	4	113	77	65	59	23	31	-	$9 429	$11 915	274	$10 909
FARMING, FORESTRY, AND FISHING OCCUPATIONS	1 935	379	529	423	358	109	73	47	17	$6 454	$7 864	968	$10 340
FARM OPERATORS AND MANAGERS	396	60	97	67	63	37	45	21	6	$8 267	$10 368	306	$10 500
FARM OCCUPATIONS, EXCEPT MANAGERIAL	528	160	209	71	34	17	13	13	11	$4 315	$6 466	163	$7 444
RELATED AGRICULTURAL OCCUPATIONS	914	131	210	253	250	55	15	-	-	$7 487	$7 565	469	$10 711
FORESTRY AND FISHING OCCUPATIONS	97	28	13	32	11	-	-	13	-	$6 938	$8 063	30	$10 333
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	29 260	1 070	2 735	3 681	7 683	7 741	3 974	2 199	177	$14 580	$14 606	21 339	$15 879
MECHANICS AND REPAIRERS	9 412	369	1 035	1 426	2 728	2 304	1 005	502	43	$13 229	$13 471	7 210	$14 979
AUTOMOBILE MECHANICS, INCLUDING BODY	2 801	134	410	632	853	441	215	78	38	$11 230	$12 146	2 014	$12 727
AIRCRAFT MECHANICS	186	-	18	18	25	104	13	8	-	$15 733	$15 269	144	$16 320
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	456	16	6	54	149	174	41	11	5	$15 040	$14 887	386	$15 424
OTHER MECHANICS AND REPAIRERS	5 969	219	601	722	1 701	1 585	736	405	-	$14 105	$13 929	4 666	$15 470
CONSTRUCTION TRADES	7 814	439	812	1 181	2 160	1 727	970	467	58	$13 226	$13 626	4 413	$15 559
CARPENTERS	2 284	170	269	405	684	510	195	40	11	$12 017	$11 846	1 251	$14 487
ELECTRICIANS	1 052	43	118	142	257	270	155	67	-	$14 173	$14 257	668	$15 945
PAINTERS, CONSTRUCTION AND MAINTENANCE	692	25	151	194	190	73	47	7	5	$9 593	$10 324	300	$11 722
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	769	48	42	75	236	170	136	47	15	$14 672	$15 408	532	$15 216
OTHER CONSTRUCTION TRADES	3 017	153	232	365	793	704	437	306	27	$14 732	$15 056	1 662	$17 175
EXTRACTIVE OCCUPATIONS	5	-	5	-	-	-	-	-	-	$4 500	$4 255	-	-
PRECISION PRODUCTION OCCUPATIONS	12 029	262	883	1 074	2 795	3 710	1 999	1 230	76	$15 909	$16 135	9 716	$16 739
SUPERVISORS, PRODUCTION OCCUPATIONS	5 058	61	127	245	911	1 650	1 088	909	67	$18 106	$19 227	4 476	$18 587
MANUFACTURING	4 079	40	81	174	711	1 378	941	698	56	$18 288	$19 455	3 598	$18 812
PRECISION METALWORKING OCCUPATIONS	4 549	84	408	517	1 208	1 490	627	215	-	$15 106	$14 354	3 407	$15 951
TOOL AND DIE MAKERS	1 069	6	40	72	266	403	171	111	-	$16 256	$16 771	894	$16 869
MACHINISTS	2 912	71	343	349	784	872	404	89	-	$14 280	$13 537	2 111	$15 721
SHEET METAL WORKERS	368	7	25	66	87	155	28	-	-	$14 908	$13 372	228	$15 490
OTHER PRECISION METAL WORKERS	200	-	-	30	71	60	24	15	-	$14 918	$15 137	174	$15 231
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	275	26	48	68	63	29	14	27	-	$9 813	$11 132	197	$11 194
PLANT AND SYSTEM OPERATORS	379	12	14	15	115	84	106	33	-	$16 562	$16 683	335	$16 688
OTHER PRECISION PRODUCTION OCCUPATIONS	1 768	79	286	229	498	457	164	46	9	$13 097	$12 531	1 301	$14 868

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, 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	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
OPERATORS, FABRICATORS, AND LABORERS	34 940	2 620	4 650	6 165	10 638	6 666	2 905	1 254	42	$11 881	$11 807	22 406	$13 732
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	19 313	1 080	1 932	3 383	6 657	4 218	1 541	486	16	$12 439	$12 247	13 784	$13 681
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	14 399	729	1 375	2 506	5 086	3 226	1 124	341	12	$12 534	$12 340	10 392	$13 632
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	2 670	97	198	337	883	678	358	112	7	$13 883	$13 914	1 990	$15 103
PRINTING MACHINE OPERATORS	1 239	35	96	178	417	377	118	18	-	$13 614	$13 381	1 022	$14 435
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	663	40	111	233	225	37	5	12	-	$9 271	$9 216	410	$10 693
TEXTILE MACHINE OPERATORS	328	13	46	78	179	12	-	-	-	$10 519	$9 443	206	$11 452
TEXTILE SEWING MACHINE OPERATORS	57	6	11	7	18	8	-	7	-	$11 286	$11 340	34	$13 612
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	198	21	40	100	21	6	5	5	-	$7 949	$8 316	132	$8 926
OTHER SPECIFIED MACHINE OPERATORS	3 571	241	390	641	1 162	806	262	64	5	$12 283	$11 868	2 545	$13 578
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	6 256	316	580	1 117	2 399	1 328	381	135	-	$12 367	$12 062	4 425	$13 304
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	1 752	76	142	259	670	451	138	16	-	$12 968	$12 610	1 243	$14 208
MACHINE OPERATORS, NOT SPECIFIED	4 504	240	438	858	1 729	877	243	119	-	$12 145	$11 849	3 182	$13 030
INDUSTRY:													
MANUFACTURING	5 990	291	545	1 074	2 284	1 294	374	128	-	$12 455	$12 133	4 248	$13 364
NONDURABLE GOODS	2 566	98	226	403	966	636	181	56	-	$12 902	$12 633	1 734	$14 088
FOOD AND KINDRED PRODUCTS	30	-	-	5	20	5	-	-	-	$12 645	$12 029	25	$13 008
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	125	8	5	38	46	15	6	7	-	$12 257	$11 670	78	$13 403
PAPER AND ALLIED PRODUCTS	1 025	28	68	177	346	297	97	12	-	$13 242	$13 161	797	$14 590
OTHER NONDURABLE GOODS	1 386	62	153	183	554	319	78	37	-	$12 802	$12 342	834	$13 876
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	3 424	193	319	671	1 318	658	193	72	-	$12 147	$11 758	2 514	$12 965
METAL INDUSTRIES	1 475	77	115	263	657	268	87	8	-	$12 436	$11 881	1 155	$12 828
MACHINERY, INCLUDING ELECTRICAL	679	65	50	121	254	126	47	16	-	$12 020	$11 571	433	$13 333
TRANSPORTATION EQUIPMENT	299	-	34	26	62	138	12	27	-	$15 490	$14 679	261	$15 780
OTHER DURABLE GOODS	971	51	120	261	345	126	47	21	-	$10 686	$10 805	665	$12 070
NONMANUFACTURING INDUSTRIES	266	25	35	43	115	34	7	7	-	$10 714	$10 472	177	$11 708
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	60	-	-	-	42	11	-	7	-	$11 714	$16 573	53	$11 893
WHOLESALE AND RETAIL TRADE	70	-	5	15	46	4	-	-	-	$11 071	$10 546	50	$11 714
ALL OTHER INDUSTRIES	136	25	30	28	27	19	7	-	-	$8 000	$7 742	74	$11 375
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	3 249	272	387	722	938	558	286	82	4	$11 299	$11 452	2 136	$13 498
WELDERS AND CUTTERS	969	38	82	187	288	209	121	40	4	$13 150	$13 542	665	$15 422
ASSEMBLERS	2 046	216	248	494	596	297	153	42	-	$10 483	$10 675	1 333	$12 538
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	234	18	57	41	54	52	12	-	-	$10 083	$9 595	138	$14 202
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 665	79	170	155	633	434	131	63	-	$13 165	$12 996	1 256	$14 406
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	8 435	339	1 109	1 369	2 277	1 636	1 019	660	26	$12 732	$13 482	5 449	$15 176
MOTOR VEHICLE OPERATORS	6 275	279	836	1 047	1 567	1 202	794	524	26	$12 828	$13 609	4 075	$15 417
TRUCK DRIVERS AND DRIVER-SALES WORKERS	5 379	203	626	857	1 373	1 087	705	508	20	$13 321	$14 108	3 631	$15 614
BUS DRIVERS	559	52	133	93	132	99	28	16	6	$10 107	$10 933	277	$14 512
RAIL AND WATER TRANSPORTATION OCCUPATIONS	262	-	17	22	20	28	59	116	-	$23 403	$21 720	196	$25 596
MATERIAL MOVING EQUIPMENT OPERATORS	1 898	60	256	300	690	406	166	20	-	$11 919	$11 927	1 178	$13 087
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	116	-	-	16	47	47	6	-	-	$14 359	$14 354	62	$13 626
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	7 192	1 201	1 609	1 413	1 704	812	345	108	-	$8 109	$8 661	3 173	$12 152
CONSTRUCTION LABORERS	1 006	69	129	223	376	142	51	16	-	$11 414	$10 832	370	$12 854
FREIGHT, STOCK, AND MATERIAL HANDLERS	2 611	549	751	410	358	296	197	50	-	$6 051	$8 188	1 038	$14 053
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	514	156	213	129	16	-	-	-	-	$3 250	$3 948	126	$8 120
HAND PACKERS AND PACKAGERS	683	127	107	112	231	67	31	8	-	$9 769	$8 797	370	$11 411
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	632	91	131	181	139	51	25	14	-	$8 277	$8 729	268	$11 652
LABORERS, EXCEPT CONSTRUCTION	1 746	209	278	358	584	256	41	20	-	$10 169	$9 430	1 001	$11 937
MANUFACTURING	706	74	113	133	276	94	16	-	-	$10 455	$9 462	426	$11 981
NONDURABLE GOODS	270	38	45	48	91	45	3	-	-	$10 148	$9 189	146	$12 220
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	436	36	68	85	185	49	13	-	-	$10 637	$9 631	280	$11 872
METAL INDUSTRIES	210	18	22	35	99	36	-	-	-	$11 714	$10 154	148	$12 471
NONMANUFACTURING INDUSTRIES	1 040	135	165	225	308	162	25	20	-	$9 880	$9 408	575	$11 904
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	254	13	27	81	95	25	6	7	-	$10 174	$9 864	96	$11 538
WHOLESALE AND RETAIL TRADE	555	68	79	104	147	125	19	13	-	$10 779	$10 438	367	$13 105
ALL OTHER INDUSTRIES	231	54	59	40	66	12	-	-	-	$6 152	$6 432	112	$10 744
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	81	12	24	29	7	9	-	-	-	$6 474	$6 245	42	$7 263

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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SPRINGFIELD-CHICOPEE-HOLYOKE, MA-CT SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
FEMALE EXPERIENCED CIVILIAN LABOR FORCE	108 023	17 016	31 190	30 711	20 440	6 708	1 259	572	127	$6 760	$7 210	48 419	$9 687
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	22 266	1 912	3 817	4 349	6 687	4 292	818	330	61	$10 823	$10 623	10 368	$12 689
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	6 392	360	917	1 454	2 125	868	413	211	44	$10 957	$11 566	4 584	$12 220
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	202	9	42	6	63	48	16	18	-	$13 239	$13 006	145	$15 616
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	590	56	117	98	153	77	70	19	-	$10 640	$11 046	301	$12 671
MANAGERS, MEDICINE AND HEALTH	187	9	19	11	66	71	6	-	5	$14 119	$15 104	139	$14 785
OTHER SPECIFIED MANAGERS	800	20	108	167	320	85	63	37	-	$11 429	$11 887	601	$12 021
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	2 682	125	415	764	746	335	153	111	33	$10 203	$11 563	1 891	$11 771
MANUFACTURING	310	7	37	76	101	71	13	5	-	$12 146	$11 929	245	$12 516
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	149	-	6	25	26	45	25	13	9	$16 419	$19 023	124	$17 483
WHOLESALE AND RETAIL TRADE	766	55	137	272	177	71	33	6	15	$8 890	$10 302	556	$10 333
ALL OTHER INDUSTRIES	1 457	63	235	391	442	148	82	87	9	$10 302	$11 386	966	$11 669
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	197	58	34	55	24	6	7	13	-	$6 371	$8 098	145	$7 393
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING	38	16	6	16	-	-	-	-	-	$3 500	$2 161	18	$4 500
WHOLESALE AND RETAIL TRADE	74	28	7	26	6	-	7	-	-	$6 267	$5 891	57	$6 600
ALL OTHER INDUSTRIES	85	14	21	13	18	6	-	13	-	$7 154	$12 674	70	$10 400
MANAGEMENT RELATED OCCUPATIONS	1 734	83	182	353	753	246	98	13	6	$11 514	$11 443	1 362	$12 351
ACCOUNTANTS AND AUDITORS	469	14	59	113	197	63	11	6	6	$11 054	$11 629	360	$12 088
BUYERS AND PURCHASING AGENTS	348	29	44	65	156	25	29	-	-	$11 220	$10 614	280	$12 096
PROFESSIONAL SPECIALTY OCCUPATIONS	15 874	1 552	2 900	2 895	4 562	3 424	405	119	17	$10 741	$10 243	5 784	$13 027
ENGINEERS, ARCHITECTS, AND SURVEYORS	60	5	14	-	17	18	2	4	-	$11 833	$11 763	36	$15 204
ARCHITECTS	17	-	-	-	12	5	-	-	-	$11 417	$13 307	5	$15 439
ENGINEERS	43	5	14	-	5	13	2	4	-	$13 329	$11 153	31	$13 925
ELECTRICAL AND ELECTRONIC ENGINEERS	9	-	-	-	-	5	-	4	-	$19 182	$19 922	4	$25 462
MECHANICAL ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER ENGINEERS	34	5	14	-	5	8	2	-	-	$5 714	$8 832	27	$12 716
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	154	7	7	29	34	59	12	6	-	$15 000	$13 805	106	$15 655
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	97	7	-	14	13	51	12	-	-	$15 696	$14 563	63	$16 464
NATURAL SCIENTISTS	78	14	13	20	20	6	5	-	-	$7 714	$8 508	37	$12 927
HEALTH DIAGNOSING OCCUPATIONS	151	-	16	37	34	19	16	29	-	$12 449	$16 529	72	$13 488
PHYSICIANS	108	-	11	30	19	19	-	29	-	$13 536	$17 892	40	$13 373
DENTISTS	5	-	5	-	-	-	-	-	-	$5 500	$5 005	-	-
OTHER HEALTH DIAGNOSING PRACTITIONERS	38	-	-	7	15	-	16	-	-	$11 600	$14 173	32	$16 000
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	4 856	252	765	1 210	1 627	879	117	-	6	$10 664	$10 343	2 264	$13 660
REGISTERED NURSES	4 005	160	593	971	1 361	819	95	-	6	$11 193	$10 735	1 889	$14 244
PHARMACISTS	73	12	13	18	11	8	11	-	-	$9 000	$9 535	37	$15 212
THERAPISTS	560	40	116	161	219	24	-	-	-	$9 245	$8 606	242	$10 889
TEACHERS, LIBRARIANS, AND COUNSELORS	8 174	862	1 548	1 100	2 233	2 199	201	31	-	$11 651	$10 440	2 036	$12 830
TEACHERS, POSTSECONDARY	910	134	215	107	128	185	110	31	-	$9 949	$10 664	338	$15 952
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	4 412	412	761	634	1 264	1 297	44	-	-	$12 087	$10 565	860	$12 789
TEACHERS, SECONDARY	1 408	86	201	129	492	473	27	-	-	$12 884	$11 846	334	$13 699
SOCIAL SCIENTISTS AND URBAN PLANNERS	185	20	37	48	34	33	13	-	-	$9 194	$9 805	74	$12 131
SOCIAL AND RECREATION WORKERS	1 025	111	187	180	409	117	8	13	-	$10 434	$9 491	633	$12 289
RELIGIOUS WORKERS	52	10	25	12	-	5	-	-	-	$5 471	$5 032	19	$6 500
LAWYERS AND JUDGES	107	13	4	5	46	6	14	19	-	$12 948	$14 612	71	$14 392
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	1 032	258	284	254	108	83	17	17	11	$5 381	$7 443	436	$9 220
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	47 271	6 618	14 058	15 446	8 925	1 703	309	163	49	$6 794	$6 927	23 286	$9 489
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	3 724	235	777	1 008	1 442	175	58	29	-	$9 469	$8 868	2 047	$11 363
HEALTH TECHNOLOGISTS AND TECHNICIANS	2 723	124	531	801	1 131	89	36	11	-	$9 587	$8 941	1 491	$11 269
LICENSED PRACTICAL NURSES	1 342	67	284	379	562	26	13	11	-	$9 459	$8 711	741	$11 043
ENGINEERING AND SCIENCE TECHNICIANS	472	71	111	112	161	5	12	-	-	$8 651	$7 376	257	$10 730
ELECTRICAL AND ELECTRONIC TECHNICIANS	83	16	17	29	21	-	-	-	-	$8 586	$6 866	33	$11 125
DRAFTING AND SURVEYING TECHNICIANS	72	7	14	-	45	-	6	-	-	$11 000	$9 749	38	$12 216
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	529	40	135	95	150	81	10	18	-	$9 784	$9 819	299	$13 093
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	234	5	44	51	71	59	-	4	-	$11 789	$10 948	154	$13 462
SALES OCCUPATIONS	11 364	2 828	5 041	2 078	1 064	260	48	45	-	$3 891	$4 877	3 141	$8 518
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 310	108	371	463	287	72	5	4	-	$7 110	$7 292	763	$9 000
SELF-EMPLOYED	215	58	65	31	44	17	-	-	-	$4 792	$5 904	97	$7 944
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	1 214	166	215	296	373	117	18	29	-	$9 267	$9 086	654	$11 266
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	318	38	84	81	56	46	13	-	-	$8 429	$8 627	201	$10 600
SALES WORKERS, RETAIL AND PERSONAL SERVICES	8 494	2 504	4 364	1 229	348	25	12	12	-	$3 252	$3 766	1 514	$7 147
CASHIERS	3 501	1 137	1 743	469	143	9	-	-	-	$3 108	$3 640	517	$7 533
SALES RELATED OCCUPATIONS	28	12	7	9	-	-	-	-	-	$4 286	$3 898	9	$8 200

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, 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

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	32 183	3 555	8 240	12 360	6 419	1 268	203	89	49	$7 507	$7 427	18 098	$9 387
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	1 286	34	93	411	505	161	54	28	-	$10 811	$11 177	1 041	$11 452
COMPUTER EQUIPMENT OPERATORS	574	72	52	249	161	40	-	-	-	$8 904	$8 567	404	$9 762
SECRETARIES, STENOGRAPHERS, AND TYPISTS	10 281	941	2 394	4 405	2 155	310	29	24	23	$7 738	$7 518	6 121	$9 325
SECRETARIES	7 955	630	1 830	3 332	1 862	250	29	14	8	$8 029	$7 684	4 889	$9 454
RECEPTIONISTS	1 107	189	388	410	108	6	6	-	-	$5 780	$5 654	493	$7 960
FILE CLERKS	789	196	218	260	80	30	5	-	-	$5 278	$5 552	331	$7 833
FINANCIAL RECORDS PROCESSING OCCUPATIONS	5 204	437	1 438	2 078	1 042	183	14	12	-	$7 484	$7 315	2 942	$9 328
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	3 855	342	1 141	1 412	795	139	14	12	-	$7 420	$7 281	2 065	$9 509
TELEPHONE OPERATORS	754	49	170	239	259	23	14	-	-	$8 955	$8 617	420	$10 258
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	573	90	122	129	80	131	21	-	-	$8 183	$9 117	314	$11 027
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	981	85	234	387	233	36	6	-	-	$8 126	$7 716	598	$9 497
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	286	-	36	122	111	17	-	-	-	$9 577	$9 908	229	$10 094
BANK TELLERS	1 342	75	503	682	77	5	-	-	-	$6 606	$6 193	733	$8 305
DATA-ENTRY KEYERS	866	86	247	358	149	26	-	-	-	$7 117	$6 968	482	$9 114
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	8 140	1 301	2 345	2 630	1 459	300	54	25	26	$6 758	$7 033	3 990	$9 505
SERVICE OCCUPATIONS	20 032	6 168	8 470	3 831	1 296	144	59	53	11	$3 467	$4 299	4 962	$8 195
PRIVATE HOUSEHOLD OCCUPATIONS	727	419	289	19	-	-	-	-	-	$1 657	$1 926	66	$4 471
PROTECTIVE SERVICE OCCUPATIONS	592	308	145	47	42	23	27	-	-	$1 940	$4 642	126	$12 949
FIREFIGHTING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
POLICE AND DETECTIVES, PUBLIC SERVICE	55	-	-	10	9	23	13	-	-	$16 186	$16 101	55	$16 186
GUARDS	501	308	137	29	19	-	8	-	-	$1 712	$2 856	51	$10 429
OTHER PROTECTIVE SERVICE OCCUPATIONS	36	-	8	8	14	-	6	-	-	$10 667	$11 985	20	$10 667
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	18 713	5 441	8 036	3 765	1 254	121	32	53	11	$3 607	$4 380	4 770	$8 155
FOOD PREPARATION AND SERVICE OCCUPATIONS	8 836	3 325	4 093	1 079	268	41	6	18	6	$2 754	$3 403	1 267	$7 126
WAITERS AND FOOD COUNTER WORKERS	4 276	1 620	2 208	339	78	13	6	6	6	$2 640	$3 054	476	$5 812
COOKS	1 399	342	647	348	48	2	-	12	-	$4 027	$4 489	262	$7 676
HEALTH SERVICE OCCUPATIONS	5 061	790	1 949	1 618	625	44	21	14	-	$5 450	$5 822	2 161	$8 740
NURSING AIDES, ORDERLIES, AND ATTENDANTS	4 098	658	1 588	1 268	525	39	13	7	-	$5 352	$5 779	1 765	$8 818
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	1 676	413	615	510	127	11	-	-	-	$4 811	$5 025	655	$8 254
PERSONAL SERVICE OCCUPATIONS	3 140	913	1 379	558	234	25	5	21	5	$3 592	$4 463	687	$7 631
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	1 288	211	583	323	135	5	5	21	5	$4 763	$5 722	389	$7 708
FARMING, FORESTRY, AND FISHING OCCUPATIONS	438	200	132	80	20	-	-	6	-	$2 731	$3 692	137	$6 119
FARM OPERATORS AND MANAGERS	69	57	12	-	-	-	-	-	-	$1,000-	$984	45	$1,000-
FARM OCCUPATIONS, EXCEPT MANAGERIAL	191	114	45	26	-	-	-	6	-	$1 615	$3 219	35	$6 875
RELATED AGRICULTURAL OCCUPATIONS	154	29	58	47	20	-	-	-	-	$5 545	$5 263	50	$7 333
FORESTRY AND FISHING OCCUPATIONS	24	-	17	7	-	-	-	-	-	$5 286	$5 158	7	$7 000
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	2 459	244	598	822	584	169	42	-	-	$7 859	$7 924	1 349	$9 857
MECHANICS AND REPAIRERS	231	-	83	71	57	15	5	-	-	$7 548	$8 413	138	$8 690
AUTOMOBILE MECHANICS, INCLUDING BODY	25	-	9	-	5	11	-	-	-	$13 900	$12 330	9	$14 522
AIRCRAFT MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER MECHANICS AND REPAIRERS	206	-	74	71	52	4	5	-	-	$7 381	$7 937	129	$8 379
CONSTRUCTION TRADES	154	18	59	19	46	6	6	-	-	$6 000	$7 718	66	$12 077
CARPENTERS	71	12	40	-	19	-	-	-	-	$4 607	$5 761	19	$12 129
ELECTRICIANS	41	6	-	7	22	-	6	-	-	$12 052	$11 849	29	$12 099
PAINTERS, CONSTRUCTION AND MAINTENANCE	28	-	11	6	5	6	-	-	-	$9 000	$7 964	6	$15 439
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	6	-	6	-	-	-	-	-	-	$3 500	$3 500	6	$3 500
OTHER CONSTRUCTION TRADES	8	-	2	6	-	-	-	-	-	$6 667	$6 218	6	$7 000
EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	2 074	226	456	732	481	148	31	-	-	$7 924	$7 885	1 145	$9 874
SUPERVISORS, PRODUCTION OCCUPATIONS	732	51	85	225	223	117	31	-	-	$10 119	$10 334	528	$11 965
MANUFACTURING	538	47	42	156	166	102	25	-	-	$10 906	$10 805	395	$12 460
PRECISION METALWORKING OCCUPATIONS	221	33	43	82	43	20	-	-	-	$8 137	$6 928	101	$9 795
TOOL AND DIE MAKERS	7	-	-	-	7	-	-	-	-	$11 000	$10 005	7	$11 000
MACHINISTS	159	24	30	66	26	13	-	-	-	$8 412	$6 953	84	$9 409
SHEET METAL WORKERS	14	-	-	7	-	7	-	-	-	$11 500	$10 505	-	-
OTHER PRECISION METAL WORKERS	41	9	13	9	10	-	-	-	-	$2 885	$5 085	10	$11 000
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	229	37	108	79	5	-	-	-	-	$4 851	$4 584	61	$6 962
PLANT AND SYSTEM OPERATORS	30	-	7	6	17	-	-	-	-	$12 053	$11 424	17	$12 272
OTHER PRECISION PRODUCTION OCCUPATIONS	862	105	213	340	193	11	-	-	-	$7 113	$6 804	438	$9 051

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, 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	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
OPERATORS, FABRICATORS, AND LABORERS	15 557	1 874	4 115	6 183	2 928	400	31	20	6	$7 096	$6 920	8 317	$8 793
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	12 805	1 397	3 101	5 417	2 589	285	6	4	6	$7 345	$7 060	7 301	$8 772
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	8 086	863	2 074	3 496	1 473	180	-	-	-	$7 205	$6 911	4 583	$8 559
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	404	49	81	128	134	12	-	-	-	$8 486	$7 838	245	$10 280
PRINTING MACHINE OPERATORS	397	52	57	139	126	23	-	-	-	$7 845	$7 742	258	$10 289
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	2 470	281	866	1 127	169	27	-	-	-	$6 238	$5 864	1 177	$7 420
TEXTILE MACHINE OPERATORS	356	30	87	211	28	-	-	-	-	$6 847	$6 484	214	$7 462
TEXTILE SEWING MACHINE OPERATORS	1 558	147	526	742	116	27	-	-	-	$6 444	$6 111	731	$7 658
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	333	95	147	76	15	-	-	-	-	$4 051	$4 180	127	$6 463
OTHER SPECIFIED MACHINE OPERATORS	1 353	197	263	565	297	31	-	-	-	$7 874	$7 149	788	$9 134
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	3 462	284	807	1 537	747	87	-	-	-	$7 793	$7 362	2 115	$8 769
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	924	123	226	362	184	29	-	-	-	$7 345	$6 977	526	$8 723
MACHINE OPERATORS, NOT SPECIFIED	2 538	161	581	1 175	563	58	-	-	-	$7 930	$7 503	1 589	$8 784
INDUSTRY:													
MANUFACTURING	3 318	227	757	1 500	747	87	-	-	-	$7 937	$7 514	2 063	$8 826
NONDURABLE GOODS	1 611	132	354	756	357	12	-	-	-	$7 722	$7 231	1 001	$8 616
FOOD AND KINDRED PRODUCTS	19	-	8	4	7	-	-	-	-	$6 750	$7 963	4	$7 000
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	74	10	10	46	8	-	-	-	-	$6 739	$6 147	40	$7 000
PAPER AND ALLIED PRODUCTS	546	19	65	240	216	6	-	-	-	$9 420	$8 672	407	$9 963
OTHER NONDURABLE GOODS	972	103	271	466	126	6	-	-	-	$6 872	$6 490	550	$7 840
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	1 707	95	403	744	390	75	-	-	-	$8 141	$7 781	1 062	$9 028
METAL INDUSTRIES	188	12	42	73	61	-	-	-	-	$7 569	$7 849	127	$9 227
MACHINERY, INCLUDING ELECTRICAL	551	28	134	246	118	25	-	-	-	$7 733	$7 649	353	$8 906
TRANSPORTATION EQUIPMENT	26	6	-	4	12	4	-	-	-	$11 000	$9 480	26	$11 000
OTHER DURABLE GOODS	942	49	227	421	199	46	-	-	-	$8 391	$7 797	556	$9 034
NONMANUFACTURING INDUSTRIES	144	57	50	37	-	-	-	-	-	$3 625	$3 872	52	$5 900
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	39	6	28	5	-	-	-	-	-	$4 917	$3 923	27	$5 393
ALL OTHER INDUSTRIES	105	51	22	32	-	-	-	-	-	$2 150	$3 853	25	$8 077
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	3 045	408	683	1 243	650	55	-	-	6	$7 342	$7 055	1 760	$8 834
WELDERS AND CUTTERS	92	7	44	32	-	9	-	-	-	$5 444	$6 057	46	$8 833
ASSEMBLERS	2 665	363	562	1 089	607	38	-	-	6	$7 526	$7 176	1 554	$8 922
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	288	38	77	122	43	8	-	-	-	$6 574	$6 251	160	$7 679
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 674	126	344	678	466	50	6	4	-	$8 080	$7 789	958	$9 803
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	798	135	376	145	59	50	25	8	-	$4 885	$6 174	188	$11 857
MOTOR VEHICLE OPERATORS	672	121	354	95	36	40	18	8	-	$4 400	$5 726	149	$12 157
TRUCK DRIVERS AND DRIVER-SALES WORKERS	204	21	59	30	36	32	18	8	-	$8 222	$9 789	107	$13 761
BUS DRIVERS	445	100	284	53	-	8	-	-	-	$3 860	$3 829	30	$4 938
RAIL AND WATER TRANSPORTATION OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	126	14	22	50	23	10	7	-	-	$7 080	$8 562	39	$11 000
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	1 954	342	638	621	280	65	-	8	-	$5 982	$6 305	828	$8 780
CONSTRUCTION LABORERS	28	6	15	7	-	-	-	-	-	$5 222	$4 609	6	$1 500
FREIGHT, STOCK, AND MATERIAL HANDLERS	539	121	194	143	48	33	-	-	-	$5 011	$5 612	158	$9 161
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	13	-	6	7	-	-	-	-	-	$8 143	$5 803	-	-
HAND PACKERS AND PACKAGERS	1 046	136	309	372	202	19	-	8	-	$6 817	$7 008	529	$9 007
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	46	17	18	6	5	-	-	-	-	$3 500	$3 995	11	$7 833
LABORERS, EXCEPT CONSTRUCTION	282	62	96	86	25	13	-	-	-	$5 292	$5 588	124	$7 000
MANUFACTURING	118	11	42	39	13	13	-	-	-	$6 444	$7 301	56	$6 667
NONDURABLE GOODS	92	11	37	29	7	8	-	-	-	$5 857	$6 548	35	$5 938
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	26	-	5	10	6	5	-	-	-	$9 200	$9 967	21	$12 159
METAL INDUSTRIES	5	-	-	5	-	-	-	-	-	$9 000	$8 605	-	-
NONMANUFACTURING INDUSTRIES	164	51	54	47	12	-	-	-	-	$3 250	$4 354	68	$7 200
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	5	-	5	-	-	-	-	-	-	$5 500	$5 405	-	-
WHOLESALE AND RETAIL TRADE	84	13	34	25	12	-	-	-	-	$3 667	$5 083	35	$7 421
ALL OTHER INDUSTRIES	75	38	15	22	-	-	-	-	-	$1 962	$3 469	33	$6 500
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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WORCESTER, MA SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
MALE EXPERIENCED CIVILIAN LABOR FORCE	99 142	6 547	11 884	11 902	20 944	21 642	13 251	11 198	1 774	$14 516	$15 516	69 176	$16 534
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	25 125	593	1 538	1 567	3 619	5 529	4 798	6 134	1 347	$19 650	$22 530	19 527	$21 053
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	12 542	229	605	652	1 891	2 330	2 183	3 830	822	$21 024	$24 706	10 704	$22 131
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	401	13	46	24	92	74	85	67	-	$16 361	$16 634	332	$18 659
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	530	6	21	24	29	82	155	206	7	$22 868	$22 823	401	$23 321
MANAGERS, MEDICINE AND HEALTH	119	-	-	12	10	25	23	40	9	$22 338	$26 242	107	$23 758
OTHER SPECIFIED MANAGERS	2 522	39	54	79	343	562	431	897	117	$21 792	$24 784	2 286	$22 379
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	5 882	111	288	292	801	878	977	1 958	577	$22 583	$28 062	5 064	$24 139
MANUFACTURING	2 180	17	55	49	152	205	419	907	376	$27 708	$36 636	2 016	$28 500
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	395	5	17	4	16	93	57	197	6	$25 293	$25 371	351	$25 897
WHOLESALE AND RETAIL TRADE	1 515	60	73	148	360	303	170	310	91	$16 523	$21 530	1 251	$17 585
ALL OTHER INDUSTRIES	1 792	29	143	91	273	277	331	544	104	$20 981	$23 747	1 446	$22 825
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	562	28	75	69	99	78	64	122	27	$15 491	$18 506	441	$17 326
CONSTRUCTION	84	-	15	-	44	11	-	7	7	$13 072	$17 558	49	$13 681
MANUFACTURING	67	5	11	-	-	23	9	11	8	$18 351	$23 821	49	$18 836
WHOLESALE AND RETAIL TRADE	213	23	13	38	26	25	39	37	12	$16 058	$17 895	197	$16 588
ALL OTHER INDUSTRIES	198	-	36	31	29	19	16	67	-	$15 638	$17 768	146	$20 251
MANAGEMENT RELATED OCCUPATIONS	2 526	32	121	152	517	631	448	540	85	$18 071	$19 796	2 073	$19 466
ACCOUNTANTS AND AUDITORS	979	23	40	101	189	292	138	176	20	$16 788	$18 290	772	$18 142
BUYERS AND PURCHASING AGENTS	455	-	17	6	131	136	84	76	5	$17 150	$18 119	406	$17 493
PROFESSIONAL SPECIALTY OCCUPATIONS	12 583	364	933	915	1 728	3 199	2 615	2 304	525	$18 278	$20 360	8 823	$20 156
ENGINEERS, ARCHITECTS, AND SURVEYORS	3 503	19	136	87	340	712	1 053	1 086	70	$21 665	$22 582	3 083	$22 408
ARCHITECTS	107	12	28	20	-	7	-	27	13	$7 350	$18 053	69	$25 922
ENGINEERS	3 307	7	93	67	301	689	1 034	1 059	57	$21 869	$22 983	2 940	$22 527
ELECTRICAL AND ELECTRONIC ENGINEERS	588	-	15	22	28	57	212	248	6	$23 691	$24 092	541	$24 416
MECHANICAL ENGINEERS	760	7	17	13	51	166	217	279	10	$22 417	$23 886	667	$23 041
OTHER ENGINEERS	1 959	-	61	32	222	466	605	532	41	$21 176	$22 300	1 732	$21 814
SURVEYORS AND MAPPING SCIENTISTS	89	-	15	-	39	16	19	-	-	$13 256	$13 111	74	$14 577
MATHEMATICAL AND COMPUTER SCIENTISTS	505	-	23	27	32	128	173	122	-	$20 802	$20 390	394	$21 824
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	377	-	14	27	20	79	146	91	-	$21 097	$20 574	299	$22 107
NATURAL SCIENTISTS	305	-	22	19	43	76	78	67	-	$19 323	$19 358	253	$20 329
HEALTH DIAGNOSING OCCUPATIONS	1 019	16	24	61	83	126	113	250	346	$32 251	$40 797	723	$39 414
PHYSICIANS	767	9	19	40	70	118	66	153	292	$33 555	$43 026	578	$43 531
DENTISTS	188	-	5	6	13	6	27	82	49	$40 143	$39 078	94	$37 938
OTHER HEALTH DIAGNOSING PRACTITIONERS	64	7	-	15	-	2	20	15	5	$21 490	$19 130	51	$21 274
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	418	19	13	48	129	117	57	35	-	$15 000	$15 314	338	$15 210
REGISTERED NURSES	81	16	6	12	30	17	-	-	-	$11 444	$9 594	65	$12 040
PHARMACISTS	219	-	-	10	44	79	55	31	-	$17 977	$18 739	187	$18 115
THERAPISTS	76	-	7	14	37	14	-	4	-	$12 699	$13 520	51	$12 543
TEACHERS, LIBRARIANS, AND COUNSELORS	3 884	143	247	278	569	1 426	875	326	20	$16 831	$16 748	1 921	$17 248
TEACHERS, POSTSECONDARY	852	29	92	37	78	179	224	193	20	$20 159	$19 632	444	$21 516
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	1 184	30	23	74	215	539	270	33	-	$16 564	$16 738	516	$16 425
TEACHERS, SECONDARY	1 183	31	56	60	190	564	255	27	-	$16 474	$16 255	525	$16 238
SOCIAL SCIENTISTS AND URBAN PLANNERS	359	-	13	40	102	98	37	59	10	$15 867	$18 060	274	$16 329
SOCIAL AND RECREATION WORKERS	548	27	89	128	121	148	10	25	-	$11 250	$11 452	344	$15 076
RELIGIOUS WORKERS	365	9	147	48	78	56	13	14	-	$7 767	$10 181	287	$10 500
LAWYERS AND JUDGES	544	14	44	19	40	63	81	209	74	$25 623	$29 974	428	$26 509
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	1 133	117	175	160	191	249	125	111	5	$12 939	$13 313	778	$15 870
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	18 478	1 072	2 146	1 922	4 082	4 423	2 310	2 228	295	$15 012	$15 580	13 798	$16 527
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	3 039	84	295	376	743	851	430	232	28	$15 076	$14 897	2 334	$16 304
HEALTH TECHNOLOGISTS AND TECHNICIANS	311	6	29	73	143	34	6	20	-	$11 234	$11 935	215	$12 433
LICENSED PRACTICAL NURSES	59	-	-	4	55	-	-	-	-	$11 342	$11 596	53	$11 184
ENGINEERING AND SCIENCE TECHNICIANS	1 672	39	153	187	392	525	256	114	6	$15 374	$14 954	1 341	$16 409
ELECTRICAL AND ELECTRONIC TECHNICIANS	481	6	26	55	169	145	50	30	-	$14 454	$14 374	411	$15 383
DRAFTING AND SURVEYING TECHNICIANS	573	6	48	59	114	196	97	47	6	$16 007	$16 175	465	$16 985
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	1 056	39	113	116	208	292	168	98	22	$15 590	$15 680	778	$17 103
AIRPLANE PILOTS AND NAVIGATORS	56	-	-	-	5	5	-	24	22	$35 435	$38 588	45	$34 932
COMPUTER PROGRAMMERS	402	10	53	36	50	129	93	31	-	$16 459	$15 080	302	$18 430
SALES OCCUPATIONS	8 002	411	907	729	1 597	1 639	980	1 491	248	$15 803	$17 791	6 195	$17 578
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 848	66	128	185	417	445	263	305	39	$16 053	$17 919	1 531	$16 945
SELF-EMPLOYED	478	38	59	59	74	84	64	91	9	$15 391	$16 406	386	$15 715
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	1 551	41	146	94	224	294	235	404	113	$19 471	$22 997	1 267	$20 944
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	2 163	37	89	109	428	498	301	611	90	$18 940	$21 281	1 888	$19 802
SALES WORKERS, RETAIL AND PERSONAL SERVICES	2 402	267	544	341	522	386	172	164	6	$10 495	$11 177	1 471	$14 336
CASHIERS	312	63	121	51	52	25	-	-	-	$3 647	$6 004	115	$11 250
SALES RELATED OCCUPATIONS	38	-	-	-	6	16	9	7	-	$18 623	$18 460	38	$18 623

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, 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

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	7 437	577	944	817	1 742	1 933	900	505	19	$13 811	$13 481	5 269	$15 848
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	1 246	12	40	29	169	403	290	290	13	$19 460	$20 050	1 138	$19 922
COMPUTER EQUIPMENT OPERATORS	270	25	18	18	126	32	27	24	-	$12 000	$13 590	196	$12 540
SECRETARIES, STENOGRAPHERS, AND TYPISTS	23	6	17	-	-	-	-	-	-	$2 324	$2 158	-	-
SECRETARIES	11	6	5	-	-	-	-	-	-	$1 917	$2 085	-	-
RECEPTIONISTS	51	6	23	9	13	-	-	-	-	$3 563	$5 588	13	$11 857
FILE CLERKS	63	12	17	8	14	7	5	-	-	$8 167	$8 736	28	$14 172
FINANCIAL RECORDS PROCESSING OCCUPATIONS	333	67	49	43	81	68	6	13	6	$10 652	$10 874	218	$13 776
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	170	41	26	26	26	40	-	5	6	$9 238	$10 796	108	$14 052
TELEPHONE OPERATORS	27	-	5	9	-	-	7	6	-	$9 889	$15 945	22	$20 988
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	1 083	49	127	105	83	561	145	13	-	$15 830	$14 615	824	$16 450
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	1 910	179	328	316	626	337	91	33	-	$10 974	$10 514	1 191	$13 068
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	143	-	-	-	43	44	18	38	-	$17 717	$18 203	123	$17 620
BANK TELLERS	85	7	18	40	7	5	8	-	-	$7 400	$8 385	28	$9 867
DATA-ENTRY KEYERS	30	-	-	-	13	12	5	-	-	$15 448	$16 572	30	$15 448
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	2 173	214	302	240	567	464	298	88	-	$12 921	$12 400	1 458	$15 242
SERVICE OCCUPATIONS	9 884	1 840	2 408	1 700	1 787	1 434	534	176	5	$7 603	$8 708	5 186	$12 782
PRIVATE HOUSEHOLD OCCUPATIONS	15	-	10	-	-	-	5	-	-	$4 643	$9 599	12	$4 857
PROTECTIVE SERVICE OCCUPATIONS	2 543	164	381	200	464	897	328	109	-	$15 187	$13 474	1 874	$16 164
FIREFIGHTING OCCUPATIONS	647	17	11	27	102	338	139	13	-	$16 612	$16 522	598	$16 891
POLICE AND DETECTIVES, PUBLIC SERVICE	646	11	21	-	120	347	86	61	-	$16 592	$17 146	543	$16 660
GUARDS	901	127	333	173	168	75	20	5	-	$5 774	$7 138	400	$11 194
OTHER PROTECTIVE SERVICE OCCUPATIONS	349	9	16	-	74	137	83	30	-	$17 087	$17 384	333	$17 380
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	7 326	1 676	2 017	1 500	1 323	537	201	67	5	$5 895	$7 052	3 300	$10 959
FOOD PREPARATION AND SERVICE OCCUPATIONS	2 518	871	897	364	211	124	38	8	5	$3 000	$4 956	683	$9 931
WAITERS AND FOOD COUNTER WORKERS	224	94	102	22	-	6	-	-	-	$2 900	$3 232	43	$6 091
COOKS	833	252	268	144	111	38	7	8	5	$3 711	$5 953	254	$10 857
HEALTH SERVICE OCCUPATIONS	348	68	89	104	67	-	18	2	-	$6 971	$7 164	158	$10 069
NURSING AIDES, ORDERLIES, AND ATTENDANTS	278	28	78	96	67	-	7	2	-	$8 062	$7 584	143	$9 932
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	3 946	647	917	886	950	365	137	44	-	$7 902	$8 217	2 174	$11 313
PERSONAL SERVICE OCCUPATIONS	514	90	114	146	95	48	8	13	-	$7 683	$8 298	285	$10 149
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	260	23	24	95	70	30	5	13	-	$9 538	$10 873	212	$10 706
FARMING, FORESTRY, AND FISHING OCCUPATIONS	1 403	255	329	285	327	109	51	46	1	$7 506	$8 199	794	$11 006
FARM OPERATORS AND MANAGERS	257	54	57	37	49	7	17	35	1	$7 250	$9 946	212	$9 556
FARM OCCUPATIONS, EXCEPT MANAGERIAL	360	59	111	85	66	30	9	-	-	$6 408	$7 299	208	$9 278
RELATED AGRICULTURAL OCCUPATIONS	716	136	145	145	206	53	20	11	-	$8 234	$7 961	327	$11 775
FORESTRY AND FISHING OCCUPATIONS	70	6	16	18	6	19	5	-	-	$8 571	$8 853	47	$15 058
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	19 140	744	1 743	2 382	4 672	4 835	3 044	1 636	84	$15 019	$14 865	14 175	$16 257
MECHANICS AND REPAIRERS	5 597	291	353	793	1 488	1 310	873	481	8	$14 475	$14 574	4 510	$15 693
AUTOMOBILE MECHANICS, INCLUDING BODY	1 742	130	165	424	524	298	147	54	-	$11 441	$11 595	1 396	$12 443
AIRCRAFT MECHANICS	26	4	5	-	-	10	-	7	-	$16 363	$14 811	17	$18 780
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	198	25	4	18	60	50	37	4	-	$14 116	$13 490	159	$15 210
OTHER MECHANICS AND REPAIRERS	3 631	132	179	351	904	952	689	416	8	$15 927	$16 061	2 938	$17 064
CONSTRUCTION TRADES	5 205	256	730	784	1 237	1 067	712	397	22	$13 154	$13 595	2 911	$16 052
CARPENTERS	1 487	75	278	297	394	257	147	34	5	$11 299	$11 372	691	$13 940
ELECTRICIANS	666	6	83	70	187	160	78	82	-	$14 633	$15 159	513	$15 584
PAINTERS, CONSTRUCTION AND MAINTENANCE	406	47	78	68	123	48	38	4	-	$10 250	$9 941	187	$11 812
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	614	29	58	48	139	168	109	63	-	$15 661	$14 969	406	$16 656
OTHER CONSTRUCTION TRADES	2 032	99	233	301	394	434	340	214	17	$14 825	$15 025	1 114	$18 794
EXTRACTIVE OCCUPATIONS	28	8	-	-	13	7	-	-	-	$10 923	$8 326	19	$11 462
PRECISION PRODUCTION OCCUPATIONS	8 310	189	660	805	1 934	2 451	1 459	758	54	$15 773	$15 877	6 735	$16 683
SUPERVISORS, PRODUCTION OCCUPATIONS	3 447	46	189	161	600	975	834	593	49	$18 316	$18 708	3 011	$19 079
MANUFACTURING	2 807	24	107	128	473	806	718	519	32	$18 855	$18 976	2 500	$19 472
PRECISION METALWORKING OCCUPATIONS	2 974	114	206	407	808	1 005	360	69	5	$14 663	$13 906	2 280	$15 512
TOOL AND DIE MAKERS	516	13	13	33	103	208	132	14	-	$16 623	$16 225	446	$17 136
MACHINISTS	2 005	75	164	261	566	713	180	41	5	$14 362	$13 551	1 529	$15 318
SHEET METAL WORKERS	279	26	16	95	70	35	23	14	-	$10 833	$11 777	170	$13 456
OTHER PRECISION METAL WORKERS	174	-	13	18	69	49	25	-	-	$13 955	$14 540	135	$14 367
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	237	-	72	56	60	32	15	2	-	$9 558	$10 442	157	$10 167
PLANT AND SYSTEM OPERATORS	325	5	12	13	83	53	116	43	-	$19 569	$17 989	310	$19 615
OTHER PRECISION PRODUCTION OCCUPATIONS	1 327	24	181	168	383	386	134	51	-	$13 711	$13 396	977	$15 294

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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WORCESTER, MA SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
OPERATORS, FABRICATORS, AND LABORERS	25 063	2 038	3 685	4 037	6 457	5 312	2 514	978	42	$12 165	$12 050	15 674	$14 566
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	13 700	773	1 622	2 217	4 047	3 516	1 213	301	11	$12 654	$12 349	9 550	$14 353
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	10 399	559	1 252	1 761	3 104	2 585	905	227	6	$12 478	$12 260	7 288	$14 179
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	2 296	111	237	272	720	607	269	74	6	$13 458	$13 343	1 723	$14 657
PRINTING MACHINE OPERATORS	668	14	62	116	164	229	57	26	-	$14 269	$13 668	545	$15 175
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	898	69	147	271	263	112	30	6	-	$9 415	$9 266	544	$11 062
TEXTILE MACHINE OPERATORS	423	25	69	97	128	91	7	6	-	$10 432	$10 372	284	$11 652
TEXTILE SEWING MACHINE OPERATORS	44	6	15	11	5	-	7	-	-	$6 400	$8 064	18	$11 200
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	212	25	37	66	64	13	7	-	-	$8 625	$8 063	132	$10 372
OTHER SPECIFIED MACHINE OPERATORS	3 183	177	316	455	997	927	249	62	-	$13 173	$12 601	2 251	$14 667
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	3 354	188	490	647	960	710	300	59	-	$11 838	$11 717	2 225	$13 833
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	947	56	114	143	282	239	100	13	-	$12 560	$12 196	651	$15 006
MACHINE OPERATORS, NOT SPECIFIED	2 407	132	376	504	678	471	200	46	-	$11 473	$11 528	1 574	$13 468
INDUSTRY:													
MANUFACTURING	3 120	165	440	601	918	666	271	59	-	$11 972	$11 804	2 104	$13 792
NONDURABLE GOODS	801	80	105	177	282	117	40	-	-	$10 631	$10 108	522	$12 468
FOOD AND KINDRED PRODUCTS	42	-	-	4	33	5	-	-	-	$12 406	$12 900	25	$13 008
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	176	16	25	35	80	13	7	-	-	$10 667	$9 649	141	$11 639
PAPER AND ALLIED PRODUCTS	140	3	19	23	46	38	11	-	-	$12 512	$12 303	123	$12 637
OTHER NONDURABLE GOODS	443	61	61	115	123	61	22	-	-	$9 500	$9 332	233	$12 860
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	2 319	85	335	424	636	549	231	59	-	$12 459	$12 389	1 582	$14 613
METAL INDUSTRIES	1 035	34	176	196	302	212	85	30	-	$12 060	$11 894	650	$13 583
MACHINERY, INCLUDING ELECTRICAL	692	34	62	167	151	200	60	18	-	$12 723	$12 639	524	$15 167
TRANSPORTATION EQUIPMENT	39	-	12	-	5	8	7	7	-	$16 197	$16 236	21	$17 865
OTHER DURABLE GOODS	553	17	85	61	178	129	79	4	-	$12 899	$12 732	387	$15 090
NONMANUFACTURING INDUSTRIES	234	23	50	46	42	44	29	-	-	$9 840	$10 559	121	$14 894
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	55	-	-	-	17	21	17	-	-	$16 839	$16 458	42	$15 945
WHOLESALE AND RETAIL TRADE	69	15	4	27	12	6	5	-	-	$8 083	$8 684	35	$11 571
ALL OTHER INDUSTRIES	110	8	46	19	13	17	7	-	-	$6 333	$8 785	44	$15 308
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	2 145	161	300	343	596	580	136	24	5	$12 356	$11 692	1 362	$14 098
WELDERS AND CUTTERS	650	27	37	120	211	170	67	13	5	$13 301	$13 573	441	$14 817
ASSEMBLERS	1 405	114	251	212	370	389	69	-	-	$11 768	$10 837	862	$13 593
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	90	20	12	11	15	21	-	11	-	$12 307	$11 449	59	$15 332
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 156	53	70	113	347	351	172	50	-	$14 920	$14 365	900	$15 596
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	6 204	240	642	911	1 522	1 253	1 013	598	25	$14 160	$14 646	4 120	$16 001
MOTOR VEHICLE OPERATORS	4 699	185	500	686	1 090	886	814	517	21	$14 368	$14 830	3 144	$16 635
TRUCK DRIVERS AND DRIVER-SALES WORKERS	4 039	138	339	537	1 006	727	761	510	21	$14 997	$15 612	2 853	$16 807
BUS DRIVERS	370	29	82	63	53	121	15	7	-	$11 692	$10 296	181	$15 789
RAIL AND WATER TRANSPORTATION OCCUPATIONS	101	-	10	7	13	18	24	25	4	$20 361	$20 087	47	$24 793
MATERIAL MOVING EQUIPMENT OPERATORS	1 404	55	132	218	419	349	175	56	-	$13 409	$13 636	929	$14 174
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	217	3	17	21	68	46	34	28	-	$14 951	$17 405	124	$14 190
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	5 159	1 025	1 421	909	888	543	288	79	6	$6 612	$8 137	2 004	$12 874
CONSTRUCTION LABORERS	629	92	113	155	159	59	27	24	-	$9 081	$9 393	215	$12 868
FREIGHT, STOCK, AND MATERIAL HANDLERS	2 071	554	697	276	202	185	116	35	6	$3 903	$7 036	610	$13 843
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	332	82	135	62	33	13	7	-	-	$3 700	$5 347	85	$9 545
HAND PACKERS AND PACKAGERS	298	30	100	55	66	36	8	3	-	$7 357	$8 146	114	$11 333
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	552	104	124	106	120	58	27	13	-	$7 882	$8 640	240	$12 048
LABORERS, EXCEPT CONSTRUCTION	1 277	163	252	255	308	192	103	4	-	$9 618	$9 807	740	$12 909
MANUFACTURING	550	46	114	110	150	105	25	-	-	$10 167	$10 039	358	$12 628
NONDURABLE GOODS	178	16	60	36	55	11	-	-	-	$7 857	$7 876	81	$10 714
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	372	30	54	74	95	94	25	-	-	$11 436	$11 074	277	$13 739
METAL INDUSTRIES	124	8	13	31	51	14	7	-	-	$10 800	$10 475	95	$11 960
NONMANUFACTURING INDUSTRIES	727	117	138	145	158	87	78	4	-	$9 263	$9 632	382	$13 192
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	95	11	18	16	15	22	13	-	-	$10 833	$10 771	65	$15 326
WHOLESALE AND RETAIL TRADE	460	66	95	75	90	65	65	4	-	$9 769	$10 394	228	$14 704
ALL OTHER INDUSTRIES	172	40	25	54	53	-	-	-	-	$8 308	$6 967	89	$10 083
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	49	5	35	9	-	-	-	-	-	$4 844	$4 753	22	$5 750

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WORCESTER, MA SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
FEMALE EXPERIENCED CIVILIAN LABOR FORCE	75 107	11 580	21 877	20 406	14 744	5 121	924	384	71	$6 815	$7 297	33 212	$9 998
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	16 574	1 275	2 882	3 243	5 000	3 277	661	195	41	$10 887	$10 693	7 838	$12 837
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	4 303	257	643	1 041	1 366	601	280	92	23	$10 679	$11 089	2 946	$12 227
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	176	14	27	45	67	23	-	-	-	$10 364	$9 695	102	$12 642
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	290	33	83	40	57	41	36	-	-	$8 952	$9 605	125	$12 365
MANAGERS, MEDICINE AND HEALTH	192	7	16	51	51	32	23	6	6	$11 913	$13 870	133	$12 173
OTHER SPECIFIED MANAGERS	556	42	56	176	136	81	39	26	-	$10 157	$11 271	390	$12 306
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	1 679	87	277	390	553	224	101	42	5	$10 645	$10 987	1 182	$12 127
MANUFACTURING	249	-	22	54	66	72	28	7	-	$12 841	$13 660	200	$15 264
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	87	5	2	20	14	13	20	13	-	$15 744	$16 618	78	$17 306
WHOLESALE AND RETAIL TRADE	471	29	102	117	171	32	15	-	5	$9 432	$9 551	334	$10 971
ALL OTHER INDUSTRIES	872	53	151	199	302	107	38	22	-	$10 434	$10 438	570	$12 058
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	131	12	62	23	14	8	-	7	5	$5 734	$9 962	61	$6 333
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING	27	-	13	-	14	-	-	-	-	$10 143	$8 061	14	$8 500
WHOLESALE AND RETAIL TRADE	49	6	20	23	-	-	-	-	-	$5 906	$5 855	25	$7 000
ALL OTHER INDUSTRIES	55	6	29	-	-	8	-	7	5	$5 531	$14 554	22	$4 625
MANAGEMENT RELATED OCCUPATIONS	1 279	62	122	316	488	192	81	11	7	$11 192	$11 368	953	$12 367
ACCOUNTANTS AND AUDITORS	392	10	46	113	139	60	24	-	-	$10 871	$11 106	288	$12 319
BUYERS AND PURCHASING AGENTS	167	18	12	43	49	29	14	-	-	$10 944	$11 165	142	$12 206
PROFESSIONAL SPECIALTY OCCUPATIONS	12 271	1 018	2 239	2 202	3 634	2 676	381	103	18	$10 980	$10 554	4 892	$13 162
ENGINEERS, ARCHITECTS, AND SURVEYORS	111	5	13	-	15	45	33	-	-	$16 808	$15 253	93	$17 833
ARCHITECTS	5	-	-	-	5	-	-	-	-	$12 272	$13 605	5	$12 272
ENGINEERS	106	5	13	-	10	45	33	-	-	$17 069	$15 331	88	$18 165
ELECTRICAL AND ELECTRONIC ENGINEERS	19	-	-	-	-	8	11	-	-	$20 103	$19 388	19	$20 103
MECHANICAL ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER ENGINEERS	87	5	13	-	10	37	22	-	-	$16 394	$14 444	69	$17 541
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	218	7	14	40	76	45	29	7	-	$13 290	$13 248	155	$14 187
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	120	7	-	13	35	29	29	7	-	$15 596	$15 029	87	$16 766
NATURAL SCIENTISTS	74	-	6	26	28	6	8	-	-	$11 250	$11 466	47	$12 580
HEALTH DIAGNOSING OCCUPATIONS	152	12	16	30	11	32	-	33	18	$15 801	$21 108	100	$17 077
PHYSICIANS	120	12	10	16	11	20	-	33	18	$17 364	$24 040	82	$18 084
DENTISTS	8	-	-	8	-	-	-	-	-	$7 000	$7 005	-	-
OTHER HEALTH DIAGNOSING PRACTITIONERS	24	-	6	6	-	12	-	-	-	$12 500	$11 146	18	$15 192
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	4 318	252	686	963	1 669	661	62	25	-	$10 725	$10 198	2 025	$13 328
REGISTERED NURSES	3 737	207	598	847	1 433	582	45	25	-	$10 701	$10 195	1 696	$13 590
PHARMACISTS	64	12	12	13	15	12	-	-	-	$8 750	$8 896	36	$12 334
THERAPISTS	394	24	57	78	174	44	17	-	-	$10 927	$10 412	212	$11 971
TEACHERS, LIBRARIANS, AND COUNSELORS	5 701	602	1 065	754	1 268	1 806	192	14	-	$12 100	$10 830	1 527	$13 731
TEACHERS, POSTSECONDARY	295	25	95	7	52	44	66	6	-	$12 517	$11 479	93	$20 023
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	3 274	340	602	516	623	1 127	60	6	-	$12 123	$10 785	749	$13 792
TEACHERS, SECONDARY	1 245	84	190	83	403	439	44	2	-	$13 324	$12 140	337	$14 101
SOCIAL SCIENTISTS AND URBAN PLANNERS	193	6	23	64	67	-	25	8	-	$10 171	$11 613	106	$11 571
SOCIAL AND RECREATION WORKERS	773	44	143	220	324	31	6	5	-	$9 725	$9 210	488	$11 245
RELIGIOUS WORKERS	49	12	17	-	13	7	-	-	-	$4 735	$7 349	25	$11 154
LAWYERS AND JUDGES	67	-	21	-	37	4	-	5	-	$12 532	$11 781	36	$13 416
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	615	78	235	105	126	39	26	6	-	$5 847	$7 451	290	$11 552
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	33 557	4 532	9 996	10 142	7 122	1 420	194	121	30	$6 963	$7 080	15 959	$9 923
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	2 867	198	559	863	949	244	36	18	-	$9 336	$8 951	1 520	$11 229
HEALTH TECHNOLOGISTS AND TECHNICIANS	1 937	103	357	669	657	129	16	6	-	$9 264	$8 814	988	$10 903
LICENSED PRACTICAL NURSES	971	53	218	334	342	22	2	-	-	$8 919	$7 996	467	$10 780
ENGINEERING AND SCIENCE TECHNICIANS	383	60	91	82	99	44	-	7	-	$8 569	$8 256	201	$11 051
ELECTRICAL AND ELECTRONIC TECHNICIANS	112	14	24	28	27	12	-	7	-	$9 286	$9 508	67	$10 278
DRAFTING AND SURVEYING TECHNICIANS	65	20	13	-	30	2	-	-	-	$2 962	$6 893	27	$12 413
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	547	35	111	112	193	71	20	5	-	$10 456	$9 925	331	$12 692
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	192	13	25	19	87	23	20	5	-	$12 280	$11 878	135	$13 594
SALES OCCUPATIONS	7 451	1 939	3 329	1 168	649	211	76	59	20	$3 640	$5 113	1 881	$9 452
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	544	20	127	136	152	68	15	19	7	$9 614	$10 495	375	$11 060
SELF-EMPLOYED	81	14	21	4	21	15	-	6	-	$12 141	$10 278	62	$13 232
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	865	43	202	254	207	89	37	26	7	$9 076	$10 101	476	$10 878
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	295	47	100	32	78	20	18	-	-	$6 071	$8 044	153	$12 162
SALES WORKERS, RETAIL AND PERSONAL SERVICES	5 723	1 815	2 895	746	207	34	6	14	6	$2 945	$3 703	872	$7 536
CASHIERS	2 296	852	1 072	274	75	17	-	-	6	$2 653	$3 498	214	$8 836
SALES RELATED OCCUPATIONS	24	14	5	-	5	-	-	-	-	$1 500	$3 700	5	$12 272

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, 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

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	23 239	2 395	6 108	8 111	5 524	965	82	44	10	$7 702	$7 479	12 558	$9 824
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	1 029	17	114	258	451	170	13	6	-	$10 937	$10 793	796	$11 648
COMPUTER EQUIPMENT OPERATORS	536	39	109	204	166	18	-	-	-	$8 895	$8 219	340	$9 911
SECRETARIES, STENOGRAPHERS, AND TYPISTS	7 604	697	1 906	2 851	1 892	222	20	11	5	$7 860	$7 499	4 201	$9 827
SECRETARIES	6 240	513	1 534	2 265	1 681	211	20	11	5	$8 088	$7 729	3 473	$10 077
RECEPTIONISTS	705	151	231	239	55	29	-	-	-	$5 157	$5 621	264	$8 536
FILE CLERKS	294	83	75	92	33	4	-	7	-	$3 786	$5 632	103	$8 520
FINANCIAL RECORDS PROCESSING OCCUPATIONS	3 607	225	971	1 341	941	123	6	-	-	$8 060	$7 692	2 003	$9 718
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	2 663	182	769	956	683	73	-	-	-	$7 888	$7 475	1 395	$9 769
TELEPHONE OPERATORS	510	35	87	156	198	28	6	-	-	$9 566	$9 009	348	$10 871
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	269	54	74	39	41	51	10	-	-	$6 929	$8 338	119	$15 060
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	622	71	127	223	161	40	-	-	-	$8 226	$7 807	379	$9 911
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	129	-	6	51	49	16	-	7	-	$10 556	$11 471	111	$10 704
BANK TELLERS	766	60	270	334	102	-	-	-	-	$6 445	$6 031	341	$7 821
DATA-ENTRY KEYERS	632	53	147	240	181	11	-	-	-	$8 135	$7 560	349	$10 138
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	6 536	910	1 991	2 083	1 254	253	27	13	5	$6 754	$6 937	3 204	$9 534
SERVICE OCCUPATIONS	13 003	4 158	5 220	2 723	704	150	23	25	-	$3 436	$4 209	3 398	$7 904
PRIVATE HOUSEHOLD OCCUPATIONS	536	279	175	76	-	-	6	-	-	$1 843	$2 715	89	$5 350
PROTECTIVE SERVICE OCCUPATIONS	403	173	140	32	36	10	5	7	-	$2 438	$4 367	96	$10 333
FIREFIGHTING OCCUPATIONS	7	-	-	-	-	-	-	7	-	$25 462	$25 485	7	$25 462
POLICE AND DETECTIVES, PUBLIC SERVICE	21	-	-	4	12	-	5	-	-	$13 102	$14 035	15	$13 374
GUARDS	340	162	135	23	16	4	-	-	-	$2 123	$3 078	55	$8 846
OTHER PROTECTIVE SERVICE OCCUPATIONS	35	11	5	5	8	6	-	-	-	$8 600	$6 864	19	$11 125
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	12 064	3 706	4 905	2 615	668	140	12	18	-	$3 549	$4 270	3 213	$7 926
FOOD PREPARATION AND SERVICE OCCUPATIONS	5 206	1 979	2 321	729	145	20	12	-	-	$2 669	$3 349	782	$7 396
WAITERS AND FOOD COUNTER WORKERS	2 540	1 047	1 172	257	45	14	5	-	-	$2 450	$3 005	269	$7 030
COOKS	806	194	374	180	51	-	7	-	-	$4 122	$4 499	204	$7 134
HEALTH SERVICE OCCUPATIONS	3 583	670	1 283	1 189	377	52	-	12	-	$5 519	$5 609	1 613	$8 331
NURSING AIDES, ORDERLIES, AND ATTENDANTS	2 788	533	1 005	872	328	38	-	12	-	$5 512	$5 650	1 269	$8 421
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	1 109	337	372	342	43	15	-	-	-	$4 191	$4 629	373	$7 927
PERSONAL SERVICE OCCUPATIONS	2 166	720	929	355	103	53	-	6	-	$3 348	$4 087	445	$7 561
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	755	153	383	131	47	35	-	6	-	$3 880	$4 969	197	$8 265
FARMING, FORESTRY, AND FISHING OCCUPATIONS	307	105	150	33	13	-	-	6	-	$3 009	$3 728	79	$5 300
FARM OPERATORS AND MANAGERS	64	32	22	4	-	-	-	6	-	$1 500	$4 401	29	$5 188
FARM OCCUPATIONS, EXCEPT MANAGERIAL	145	37	95	6	7	-	-	-	-	$3 125	$3 363	32	$5 571
RELATED AGRICULTURAL OCCUPATIONS	91	29	33	23	6	-	-	-	-	$3 275	$3 985	18	$4 500
FORESTRY AND FISHING OCCUPATIONS	7	7	-	-	-	-	-	-	-	$1 500	$1 805	-	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	1 684	151	459	515	389	108	40	22	-	$7 764	$8 282	974	$10 062
MECHANICS AND REPAIRERS	179	23	21	49	51	16	13	6	-	$9 500	$10 082	124	$11 063
AUTOMOBILE MECHANICS, INCLUDING BODY	-	-	-	-	-	-	-	-	-	-	-	-	-
AIRCRAFT MECHANICS	5	-	5	-	-	-	-	-	-	*$3 500*	*$3 205*	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	5	-	-	5	-	-	-	-	-	$7 000	$7 685	5	$7 000
OTHER MECHANICS AND REPAIRERS	169	23	16	44	51	16	13	6	-	$10 094	$10 356	119	$11 219
CONSTRUCTION TRADES	41	6	27	8	-	-	-	-	-	$3 083	$3 756	8	$9 000
CARPENTERS	21	-	13	8	-	-	-	-	-	$4 643	$5 361	8	$9 000
ELECTRICIANS	-	-	-	-	-	-	-	-	-	-	-	-	-
PAINTERS, CONSTRUCTION AND MAINTENANCE	6	-	6	-	-	-	-	-	-	$3 500	$3 005	-	-
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER CONSTRUCTION TRADES	14	6	8	-	-	-	-	-	-	$2 125	$1 671	-	-
EXTRACTIVE OCCUPATIONS	6	-	-	-	-	6	-	-	-	$15 439	$16 605	-	-
PRECISION PRODUCTION OCCUPATIONS	1 458	122	411	458	338	86	27	16	-	$7 719	$8 154	842	$9 929
SUPERVISORS, PRODUCTION OCCUPATIONS	600	39	113	161	180	74	21	12	-	$9 761	$10 104	443	$11 247
MANUFACTURING	418	17	53	104	159	60	13	12	-	$10 875	$11 159	337	$11 720
PRECISION METALWORKING OCCUPATIONS	139	9	42	44	38	6	-	-	-	$7 000	$7 782	66	$9 143
TOOL AND DIE MAKERS	3	-	-	-	3	-	-	-	-	$12 272	$13 545	3	$12 272
MACHINISTS	88	9	21	21	31	6	-	-	-	$7 333	$8 293	41	$10 385
SHEET METAL WORKERS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER PRECISION METAL WORKERS	48	-	21	23	4	-	-	-	-	$6 375	$6 484	22	$8 000
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	206	39	92	55	14	-	6	-	-	$4 158	$5 117	86	$7 351
PLANT AND SYSTEM OPERATORS	30	-	-	12	12	6	-	-	-	$10 500	$11 181	24	$10 000
OTHER PRECISION PRODUCTION OCCUPATIONS	483	35	164	186	94	-	-	4	-	$6 833	$6 946	223	$9 132

TABLE 222. OCCUPATION OF THE EXPERIENCED CIVILIAN LABOR FORCE BY EARNINGS IN 1979, LABOR FORCE STATUS IN 1979, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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WORCESTER, MA SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
OPERATORS, FABRICATORS, AND LABORERS	9 968	1 348	3 170	3 747	1 516	166	6	15	-	$6 467	$6 364	4 961	$8 593
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	8 051	944	2 262	3 375	1 314	141	-	15	-	$6 930	$6 705	4 407	$8 609
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	5 442	623	1 669	2 242	798	95	-	15	-	$6 712	$6 544	2 857	$8 474
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	380	33	66	196	52	27	-	6	-	$7 750	$7 979	208	$8 588
PRINTING MACHINE OPERATORS	211	26	64	68	53	-	-	-	-	$6 775	$6 610	117	$9 522
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	2 346	251	891	923	258	20	-	3	-	$6 112	$5 940	1 165	$7 780
TEXTILE MACHINE OPERATORS	715	77	215	300	123	-	-	-	-	$6 819	$6 456	383	$8 169
TEXTILE SEWING MACHINE OPERATORS	920	71	454	334	50	11	-	-	-	$5 404	$5 479	358	$7 742
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	234	49	95	76	7	7	-	-	-	$5 156	$5 057	142	$6 974
OTHER SPECIFIED MACHINE OPERATORS	848	137	211	359	125	16	-	-	-	$6 884	$6 497	396	$8 855
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	1 657	176	437	696	310	32	-	6	-	$7 294	$7 086	971	$8 936
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	494	32	148	210	104	-	-	-	-	$7 301	$6 925	297	$8 900
MACHINE OPERATORS, NOT SPECIFIED	1 163	144	289	486	206	32	-	6	-	$7 291	$7 154	674	$8 950
INDUSTRY:													
MANUFACTURING	1 488	142	390	626	292	32	-	6	-	$7 467	$7 264	899	$8 990
NONDURABLE GOODS	628	45	185	322	70	-	-	6	-	$7 057	$6 949	398	$8 403
FOOD AND KINDRED PRODUCTS	-	-	-	-	-	-	-	-	-	-	-	-	-
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	108	10	35	45	12	-	-	6	-	$6 450	$8 237	72	$7 037
PAPER AND ALLIED PRODUCTS	118	6	45	54	13	-	-	-	-	$7 000	$6 566	58	$8 968
OTHER NONDURABLE GOODS	402	29	105	223	45	-	-	-	-	$7 301	$6 716	268	$8 492
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	860	97	205	304	222	32	-	-	-	$7 969	$7 494	501	$9 645
METAL INDUSTRIES	297	30	86	100	71	10	-	-	-	$7 226	$7 274	176	$9 489
MACHINERY, INCLUDING ELECTRICAL	308	41	55	124	75	13	-	-	-	$8 192	$7 508	193	$9 400
TRANSPORTATION EQUIPMENT	15	-	6	-	-	9	-	-	-	$15 123	$12 709	-	-
OTHER DURABLE GOODS	240	26	58	80	76	-	-	-	-	$8 370	$7 421	132	$10 216
NONMANUFACTURING INDUSTRIES	169	34	47	70	18	-	-	-	-	$6 159	$5 515	72	$8 105
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	11	-	11	-	-	-	-	-	-	$5 083	$4 121	-	-
WHOLESALE AND RETAIL TRADE	88	27	30	31	-	-	-	-	-	$3 571	$4 246	36	$7 455
ALL OTHER INDUSTRIES	70	7	6	39	18	-	-	-	-	$7 571	$7 328	36	$10 000
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	1 504	218	403	618	224	41	-	-	-	$6 811	$6 542	782	$8 581
WELDERS AND CUTTERS	37	-	15	16	-	6	-	-	-	$7 750	$8 068	30	$8 500
ASSEMBLERS	1 351	207	373	540	196	35	-	-	-	$6 692	$6 435	686	$8 608
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	116	11	15	62	28	-	-	-	-	$7 488	$7 297	66	$8 167
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 105	103	190	515	292	5	-	-	-	$8 181	$7 717	768	$9 061
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	545	72	353	84	31	5	-	-	-	$3 832	$4 311	87	$7 667
MOTOR VEHICLE OPERATORS	434	67	310	48	9	-	-	-	-	$3 546	$3 662	39	$5 962
TRUCK DRIVERS AND DRIVER-SALES WORKERS	42	12	30	-	-	-	-	-	-	$3 692	$2 741	7	$1,000-
BUS DRIVERS	361	51	262	44	4	-	-	-	-	$3 542	$3 678	18	$6 333
RAIL AND WATER TRANSPORTATION OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	111	5	43	36	22	5	-	-	-	$6 556	$6 846	48	$9 556
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	1 372	332	555	288	171	20	6	-	-	$4 497	$5 182	467	$8 510
CONSTRUCTION LABORERS	5	-	5	-	-	-	-	-	-	$4 500	$4 705	-	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	321	88	153	55	25	-	-	-	-	$3 879	$4 224	57	$8 565
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	27	17	10	-	-	-	-	-	-	$1,000-	$1 961	2	$5 500
HAND PACKERS AND PACKAGERS	665	129	239	160	123	14	-	-	-	$5 408	$5 994	261	$9 275
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	41	11	24	6	-	-	-	-	-	$3 792	$3 772	18	$5 571
LABORERS, EXCEPT CONSTRUCTION	313	87	124	67	23	6	6	-	-	$4 023	$4 909	129	$7 731
MANUFACTURING	141	38	53	30	14	6	-	-	-	$4 188	$5 268	67	$8 412
NONDURABLE GOODS	68	31	19	12	-	6	-	-	-	$2 500	$4 057	23	$9 083
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	73	7	34	18	14	-	-	-	-	$5 679	$6 396	44	$7 538
METAL INDUSTRIES	38	-	12	18	8	-	-	-	-	$7 077	$7 359	33	$7 462
NONMANUFACTURING INDUSTRIES	172	49	71	37	9	-	6	-	-	$3 944	$4 615	62	$6 923
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	11	-	7	4	-	-	-	-	-	$2 786	$3 841	7	$2 500
WHOLESALE AND RETAIL TRADE	111	31	48	28	4	-	-	-	-	$3 639	$4 133	37	$7 154
ALL OTHER INDUSTRIES	50	18	16	5	5	-	6	-	-	$4 778	$5 856	18	$10 800
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	14	11	-	3	-	-	-	-	-	$1 636	$2 662	3	$7 000

TABLE 223. OCCUPATION OF EMPLOYED PERSONS BY YEARS OF SCHOOL COMPLETED, RACE, SPANISH ORIGIN, AND SEX: 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

	YEARS OF SCHOOL COMPLETED										PERCENT HIGH SCHOOL GRADUATES	
	ELEMENTARY		HIGH SCHOOL				COLLEGE					
	0 TO 8 YEARS		1 TO 3 YEARS		4 YEARS		1 TO 3 YEARS		4 OR MORE YEARS			
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TOTAL												
EMPLOYED PERSONS 16 YEARS AND OVER	114 788	68 468	208 660	154 362	507 315	486 992	267 258	259 133	375 601	231 698	78.1	81.4
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	5 835	2 312	11 993	5 975	59 605	47 035	75 167	70 090	261 918	160 454	95.7	97.1
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	4 512	949	9 003	3 005	42 311	27 952	44 733	23 525	104 805	31 214	93.4	95.4
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	264	45	536	89	1 717	1 302	1 428	674	3 458	1 402	89.2	96.2
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	101	62	105	59	322	440	422	1 003	6 922	4 448	97.4	98.0
MANAGERS, MEDICINE AND HEALTH	3	20	49	52	246	546	371	644	1 588	1 238	97.7	97.1
OTHER SPECIFIED MANAGERS	495	75	1 125	413	6 950	4 563	8 698	3 308	19 844	3 599	95.6	95.9
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	2 266	458	4 893	1 515	22 486	12 097	20 970	9 634	42 447	10 483	92.3	94.2
MANUFACTURING	712	84	1 250	168	6 217	2 001	6 848	1 545	16 151	1 514	93.7	95.3
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	115	6	274	38	2 198	1 065	1 650	578	2 280	395	94.0	97.9
WHOLESALE AND RETAIL TRADE	875	146	1 676	645	7 940	3 411	5 752	2 232	6 788	1 380	88.9	89.9
ALL OTHER INDUSTRIES	564	222	1 693	664	6 131	5 620	6 720	5 279	17 228	7 194	93.0	95.3
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	658	87	993	188	2 588	692	1 556	505	1 856	632	78.4	86.9
CONSTRUCTION	129	5	228	6	519	5	292	6	159	14	73.1	69.4
MANUFACTURING	68	5	158	11	330	56	208	50	352	120	79.7	93.4
WHOLESALE AND RETAIL TRADE	365	66	346	128	990	373	618	225	539	158	75.1	79.6
ALL OTHER INDUSTRIES	96	11	261	43	749	258	438	224	806	340	84.8	93.8
MANAGEMENT RELATED OCCUPATIONS	725	202	1 302	689	8 002	8 312	11 288	7 757	28 690	9 412	95.9	96.6
ACCOUNTANTS AND AUDITORS	86	29	130	191	1 137	2 148	4 827	3 118	14 619	3 561	99.0	97.6
BUYERS AND PURCHASING AGENTS	203	41	426	172	2 339	1 632	2 042	1 132	2 679	973	91.8	94.6
PROFESSIONAL SPECIALTY OCCUPATIONS	1 323	1 363	2 990	2 970	17 294	19 083	30 434	46 565	157 113	129 240	97.9	97.8
ENGINEERS, ARCHITECTS, AND SURVEYORS	202	-	641	35	6 484	397	11 894	371	34 205	1 530	98.4	98.5
ARCHITECTS	-	-	50	-	247	6	375	30	2 558	424	98.5	100.0
ENGINEERS	184	-	544	35	6 110	379	11 329	337	31 506	1 086	98.5	98.1
ELECTRICAL AND ELECTRONIC ENGINEERS	20	-	67	4	1 366	81	2 714	99	9 780	285	99.4	99.1
MECHANICAL ENGINEERS	43	-	102	8	1 095	22	2 120	21	4 492	100	98.2	94.7
OTHER ENGINEERS	121	-	375	23	3 649	276	6 495	217	17 234	701	98.2	98.1
SURVEYORS AND MAPPING SCIENTISTS	18	-	47	-	127	12	190	4	141	20	87.6	100.0
MATHEMATICAL AND COMPUTER SCIENTISTS	43	10	31	13	918	688	2 261	683	6 503	2 146	99.2	99.4
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	36	4	23	-	646	256	1 586	384	4 535	1 207	99.1	99.8
NATURAL SCIENTISTS	21	12	126	44	465	151	770	254	5 693	1 707	97.9	97.4
HEALTH DIAGNOSING OCCUPATIONS	32	6	13	-	78	121	183	193	17 801	2 595	99.8	99.8
PHYSICIANS	7	6	8	-	35	36	79	136	12 443	2 252	99.9	99.8
DENTISTS	12	-	-	-	6	43	12	37	3 640	126	99.7	100.0
OTHER HEALTH DIAGNOSING PRACTITIONERS	13	-	5	-	37	42	92	20	1 718	217	99.0	100.0
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	51	272	131	568	610	7 243	1 661	28 425	4 545	20 619	97.4	98.5
REGISTERED NURSES	-	111	32	353	174	6 309	542	26 737	753	14 582	97.9	99.0
PHARMACISTS	7	12	8	12	105	106	483	135	2 760	581	99.6	97.2
THERAPISTS	18	30	39	38	178	427	561	1 282	875	4 135	96.6	98.8
TEACHERS, LIBRARIANS, AND COUNSELORS	371	612	591	1 296	2 721	5 621	4 847	9 742	49 823	76 865	98.4	98.0
TEACHERS, POSTSECONDARY	87	36	24	57	293	291	1 046	1 081	14 296	7 543	99.3	99.0
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	99	358	166	393	538	2 100	1 100	4 313	17 099	44 609	98.6	98.5
TEACHERS, SECONDARY	65	82	64	118	596	503	896	957	12 217	14 097	99.1	98.7
SOCIAL SCIENTISTS AND URBAN PLANNERS	23	7	30	65	170	131	520	415	4 915	3 126	99.1	98.1
SOCIAL AND RECREATION WORKERS	81	166	272	413	620	1 569	1 188	1 946	4 368	7 900	94.6	95.2
RELIGIOUS WORKERS	71	51	68	65	137	127	370	264	4 152	824	97.1	91.3
LAWYERS AND JUDGES	7	10	41	29	265	123	378	161	13 801	2 325	99.7	98.5
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	421	217	1 046	442	4 826	2 912	6 362	4 111	11 307	9 603	93.9	96.2
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	9 814	8 826	29 571	53 533	107 171	280 985	79 856	141 447	74 410	56 630	86.9	88.5
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	835	638	2 290	1 874	16 317	12 900	19 101	16 734	15 475	10 544	94.2	94.1
HEALTH TECHNOLOGISTS AND TECHNICIANS	49	380	184	1 053	1 014	8 603	1 887	12 398	2 024	4 266	95.5	94.6
LICENSED PRACTICAL NURSES	19	256	55	799	137	5 841	278	5 356	52	320	86.3	91.6
ENGINEERING AND SCIENCE TECHNICIANS	537	176	1 521	530	11 170	2 363	11 284	1 970	4 280	1 383	92.9	89.0
ELECTRICAL AND ELECTRONIC TECHNICIANS	160	75	394	176	3 957	678	4 090	306	838	140	94.1	81.7
DRAFTING AND SURVEYING TECHNICIANS	135	17	400	48	3 578	474	3 915	378	1 272	380	94.2	95.0
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	249	82	585	291	4 133	1 934	5 930	2 366	9 171	4 895	95.8	96.1
AIRPLANE PILOTS AND NAVIGATORS	2	-	12	-	190	-	241	-	373	-	98.3	-
COMPUTER PROGRAMMERS	21	12	107	96	1 042	647	2 639	1 142	4 353	2 177	98.4	97.3
SALES OCCUPATIONS	4 095	3 095	13 458	25 191	39 811	51 816	31 015	24 952	38 311	12 822	86.1	76.0
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 356	370	2 590	882	10 818	5 058	7 319	2 778	7 002	1 990	86.4	88.7
SELF-EMPLOYED	644	153	887	206	2 480	920	1 192	529	1 130	418	75.8	83.9
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	345	138	883	579	5 839	5 742	6 429	4 548	13 633	4 611	95.5	95.4
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	723	129	1 452	345	7 891	1 800	7 292	1 138	11 478	1 163	92.5	89.6
SALES WORKERS, RETAIL AND PERSONAL SERVICES	1 666	2 452	8 497	23 356	15 153	39 058	9 896	16 424	6 152	5 030	75.4	70.1
CASHIERS	290	771	2 250	10 669	2 329	15 366	1 942	6 348	487	1 027	65.2	66.5
SALES RELATED OCCUPATIONS	5	6	36	29	110	158	79	64	46	28	85.1	87.7

TABLE 223. OCCUPATION OF EMPLOYED PERSONS BY YEARS OF SCHOOL COMPLETED, RACE, SPANISH ORIGIN, AND SEX: 1980 - CON.

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MASSACHUSETTS

	YEARS OF SCHOOL COMPLETED										PERCENT HIGH SCHOOL GRADUATES	
	ELEMENTARY		HIGH SCHOOL				COLLEGE					
	0 TO 8 YEARS		1 TO 3 YEARS		4 YEARS		1 TO 3 YEARS		4 OR MORE YEARS			
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	4 884	5 093	13 823	26 468	51 043	216 269	29 740	99 761	20 624	33 264	84.4	91.7
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	412	142	1 189	662	6 524	9 190	4 263	4 226	5 357	2 089	91.0	95.1
COMPUTER EQUIPMENT OPERATORS	64	60	212	420	2 333	4 363	2 045	1 745	843	580	95.0	93.3
SECRETARIES, STENOGRAPHERS, AND TYPISTS	50	913	100	5 796	671	73 786	549	45 442	442	10 620	91.7	95.1
SECRETARIES	29	732	40	4 092	398	59 765	296	40 286	309	9 510	93.6	95.8
RECEPTIONISTS	15	185	98	1 059	248	5 974	277	2 911	94	929	84.6	88.8
FILE CLERKS	61	224	236	1 597	498	3 885	659	1 126	183	295	81.9	74.4
FINANCIAL RECORDS PROCESSING OCCUPATIONS	128	725	428	3 120	2 343	34 803	2 096	12 721	1 411	4 314	91.3	93.1
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	91	598	224	2 313	1 559	27 044	1 532	10 536	1 090	3 481	93.0	93.4
TELEPHONE OPERATORS	27	149	49	894	285	5 995	256	1 297	99	222	89.4	87.8
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	621	170	2 529	711	10 202	2 551	4 168	970	1 090	271	83.1	81.1
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	2 169	422	5 298	1 347	13 594	4 666	4 297	1 266	1 486	576	72.2	78.6
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	31	23	67	70	475	1 618	509	667	1 172	510	95.7	96.8
BANK TELLERS	19	98	42	834	544	7 813	625	3 027	436	1 110	96.3	92.8
DATA-ENTRY KEYERS	17	89	78	895	397	8 086	199	1 857	86	522	87.8	91.4
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	1 270	1 893	3 497	9 063	12 929	53 539	9 797	22 506	7 925	11 226	86.5	88.8
SERVICE OCCUPATIONS	19 427	16 154	40 750	47 959	59 429	85 650	32 679	33 661	12 054	9 365	63.4	66.7
PRIVATE HOUSEHOLD OCCUPATIONS	106	1 512	212	2 999	168	3 164	124	1 192	33	511	50.5	51.9
PROTECTIVE SERVICE OCCUPATIONS	2 646	245	5 493	770	19 403	2 888	14 267	1 479	5 635	319	82.8	82.2
FIREFIGHTING OCCUPATIONS	380	-	1 292	13	5 930	34	3 258	6	412	-	85.2	75.5
POLICE AND DETECTIVES, PUBLIC SERVICE	247	17	792	60	4 393	244	4 812	167	2 648	169	91.9	88.3
GUARDS	1 804	202	2 785	623	6 116	2 347	3 971	1 228	1 539	101	71.7	81.7
OTHER PROTECTIVE SERVICE OCCUPATIONS	215	26	624	74	2 964	263	2 226	78	1 036	49	88.1	79.6
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	16 675	14 397	35 045	44 190	39 858	79 598	18 288	30 990	6 386	8 535	55.5	67.0
FOOD PREPARATION AND SERVICE OCCUPATIONS	4 707	4 725	16 661	21 579	13 875	34 599	8 984	13 326	2 695	3 479	54.5	66.2
WAITERS AND FOOD COUNTER WORKERS	320	1 494	1 605	12 303	1 667	17 901	1 611	7 990	753	2 255	67.7	67.1
COOKS	2 026	1 129	5 636	2 910	5 184	5 101	2 573	1 354	587	382	52.1	62.9
HEALTH SERVICE OCCUPATIONS	651	3 202	1 319	11 717	2 497	21 834	1 728	10 636	1 096	1 962	73.0	69.8
NURSING AIDES, ORDERLIES, AND ATTENDANTS	541	2 641	903	9 539	2 128	17 426	1 368	7 116	840	1 309	75.0	68.0
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	10 107	3 693	15 027	5 034	19 741	5 990	5 772	1 235	1 514	295	51.8	46.3
PERSONAL SERVICE OCCUPATIONS	1 210	2 777	2 038	5 860	3 745	17 175	1 804	5 793	1 081	2 799	67.1	74.9
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	833	767	920	1 753	2 302	6 804	623	1 341	143	196	63.6	76.8
FARMING, FORESTRY, AND FISHING OCCUPATIONS	3 251	232	4 418	582	7 150	1 508	2 977	1 114	1 665	463	60.6	79.1
FARM OPERATORS AND MANAGERS	432	44	510	51	1 234	234	609	172	597	132	72.1	85.0
FARM OCCUPATIONS, EXCEPT MANAGERIAL	526	65	811	295	1 072	567	428	351	258	198	56.8	75.6
RELATED AGRICULTURAL OCCUPATIONS	1 308	99	2 164	218	3 287	631	1 416	527	551	122	60.2	80.2
FORESTRY AND FISHING OCCUPATIONS	985	24	933	18	1 557	76	524	64	259	11	55.0	78.2
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	27 574	3 877	47 785	5 556	143 330	12 061	43 067	3 161	15 696	1 775	72.8	64.3
MECHANICS AND REPAIRERS	7 783	227	14 540	476	46 225	1 401	13 691	328	2 731	297	73.7	74.2
AUTOMOBILE MECHANICS, INCLUDING BODY	2 946	13	5 559	16	14 590	89	2 894	56	651	42	68.1	86.6
AIRCRAFT MECHANICS	71	5	107	6	674	20	565	10	92	-	88.2	73.2
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	260	-	683	-	2 463	5	789	-	107	8	78.1	100.0
OTHER MECHANICS AND REPAIRERS	4 506	209	8 191	454	28 498	1 287	9 443	262	1 881	247	75.8	73.0
CONSTRUCTION TRADES	8 906	85	15 158	216	45 610	478	13 400	258	5 394	143	72.8	74.5
CARPENTERS	3 004	25	4 626	58	13 059	147	3 955	83	1 806	66	71.2	78.1
ELECTRICIANS	419	9	1 257	34	8 196	80	2 382	23	443	17	86.8	73.6
PAINTERS, CONSTRUCTION AND MAINTENANCE	1 117	19	2 005	38	3 363	91	1 009	69	499	24	60.9	76.3
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	887	7	1 672	8	6 406	5	1 368	23	367	-	76.1	65.1
OTHER CONSTRUCTION TRADES	3 479	25	5 598	78	14 586	155	4 686	60	2 279	36	70.4	70.9
EXTRACTIVE OCCUPATIONS	51	6	70	5	134	-	38	-	22	2	61.6	15.4
PRECISION PRODUCTION OCCUPATIONS	10 834	3 559	18 017	4 859	51 361	10 182	15 938	2 575	7 549	1 333	72.2	62.6
SUPERVISORS, PRODUCTION OCCUPATIONS	3 293	843	6 349	1 593	19 394	3 553	8 345	1 140	5 325	733	77.4	69.0
MANUFACTURING	2 798	753	4 904	1 342	14 907	2 734	6 046	677	3 953	438	76.4	64.8
PRECISION METALWORKING OCCUPATIONS	3 168	425	6 177	463	19 069	897	3 862	218	745	104	71.7	57.9
TOOL AND DIE MAKERS	387	7	985	30	3 273	33	529	18	132	-	74.1	58.0
MACHINISTS	2 014	196	4 039	153	11 929	379	2 547	83	419	42	71.1	59.1
SHEET METAL WORKERS	298	14	517	10	2 238	40	280	-	59	6	76.0	65.7
OTHER PRECISION METAL WORKERS	469	208	636	270	1 629	445	506	117	135	56	67.3	56.4
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	1 130	1 012	890	631	1 254	971	174	284	116	137	43.3	45.9
PLANT AND SYSTEM OPERATORS	356	5	815	24	2 444	81	654	27	404	20	74.9	81.5
OTHER PRECISION PRODUCTION OCCUPATIONS	2 887	1 274	3 786	2 148	9 200	4 680	2 903	906	959	339	66.2	63.4

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MASSACHUSETTS

	YEARS OF SCHOOL COMPLETED										PERCENT HIGH SCHOOL GRADUATES	
	ELEMENTARY		HIGH SCHOOL				COLLEGE					
	0 TO 8 YEARS		1 TO 3 YEARS		4 YEARS		1 TO 3 YEARS		4 OR MORE YEARS			
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	48 887	37 067	74 143	40 757	130 630	59 753	33 512	9 660	9 858	3 011	58.6	48.2
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	28 015	32 038	31 965	32 244	68 087	46 493	15 470	6 487	4 591	2 220	59.5	46.2
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	22 174	23 917	23 028	19 160	47 045	24 144	9 811	3 552	2 905	1 310	56.9	40.2
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	3 080	502	3 737	896	7 474	1 313	1 453	196	363	51	57.7	52.7
PRINTING MACHINE OPERATORS	643	251	1 869	477	6 932	1 770	1 385	484	489	178	77.8	77.0
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	4 348	15 598	2 653	8 864	2 906	8 037	649	825	291	394	35.5	27.5
TEXTILE MACHINE OPERATORS	1 942	1 353	1 014	769	1 159	941	194	108	85	67	32.7	34.5
TEXTILE SEWING MACHINE OPERATORS	297	11 258	175	5 608	217	4 707	52	440	58	258	40.9	24.3
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	422	818	499	997	864	1 025	283	180	98	29	57.5	40.5
OTHER SPECIFIED MACHINE OPERATORS	5 506	2 440	6 738	3 069	13 016	4 301	2 939	866	861	330	57.9	49.9
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	8 597	5 126	8 031	5 854	16 717	8 723	3 385	1 181	901	357	55.8	48.3
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	2 360	1 123	2 378	1 957	5 145	3 015	1 061	447	271	111	57.8	53.7
MACHINE OPERATORS, NOT SPECIFIED	6 237	4 003	5 653	3 897	11 572	5 708	2 324	734	630	246	55.0	45.8
INDUSTRY:												
MANUFACTURING	8 108	4 929	7 459	5 437	15 272	7 855	2 896	963	764	266	54.9	46.7
NONDURABLE GOODS	3 497	2 372	3 197	2 277	5 461	2 816	1 020	326	257	156	50.2	41.5
FOOD AND KINDRED PRODUCTS	398	112	189	129	544	106	49	10	41	-	51.9	32.5
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	530	952	374	512	566	433	92	62	12	-	42.6	25.3
PAPER AND ALLIED PRODUCTS	950	404	991	514	1 771	730	328	72	64	40	52.7	47.8
OTHER NONDURABLE GOODS	1 619	904	1 643	1 122	2 580	1 547	551	182	140	116	50.1	47.7
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	4 611	2 557	4 262	3 160	9 811	5 039	1 876	637	507	110	57.9	50.3
METAL INDUSTRIES	1 901	537	1 409	386	2 629	668	471	22	79	21	49.0	43.5
MACHINERY, INCLUDING ELECTRICAL	1 142	1 154	1 510	1 551	3 689	2 599	610	362	211	34	63.0	52.5
TRANSPORTATION EQUIPMENT	205	81	266	111	723	205	179	23	19	12	66.2	55.6
OTHER DURABLE GOODS	1 363	785	1 077	1 112	2 770	1 567	616	230	198	43	59.5	49.2
NONMANUFACTURING INDUSTRIES	489	197	572	417	1 445	868	489	218	137	91	66.1	65.7
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	80	25	105	6	438	63	134	30	2	5	75.6	76.0
WHOLESALE AND RETAIL TRADE	236	61	185	204	426	350	90	83	35	55	56.7	64.8
ALL OTHER INDUSTRIES	173	111	282	207	581	455	265	105	100	31	67.5	65.0
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	4 702	5 787	6 821	9 086	15 126	15 273	3 348	1 845	851	682	62.6	54.5
WELDERS AND CUTTERS	1 382	172	2 040	332	5 007	469	722	42	104	37	63.0	52.1
ASSEMBLERS	2 936	4 986	4 211	7 767	9 320	13 290	2 337	1 618	642	496	63.2	54.7
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	384	629	570	987	799	1 514	289	185	105	149	55.6	53.3
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 139	2 334	2 116	3 998	5 916	7 076	2 311	1 090	835	228	73.6	57.0
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	10 655	870	18 596	1 680	35 946	4 297	9 431	1 278	2 944	358	62.3	69.9
MOTOR VEHICLE OPERATORS	7 439	353	14 233	1 177	27 259	3 696	7 431	1 176	2 163	303	63.0	77.2
TRUCK DRIVERS AND DRIVER-SALES WORKERS	5 930	60	11 817	210	21 951	649	5 291	260	1 335	103	61.7	78.9
BUS DRIVERS	661	236	1 150	870	2 704	2 802	949	794	242	145	68.3	77.2
RAIL AND WATER TRANSPORTATION OCCUPATIONS	251	-	512	3	1 485	15	404	20	354	23	74.6	95.1
MATERIAL MOVING EQUIPMENT OPERATORS	2 965	517	3 851	500	7 202	586	1 596	82	427	32	57.5	40.8
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	249	13	356	7	618	12	144	-	30	3	56.7	42.9
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	10 217	4 159	23 582	6 833	26 597	8 963	8 611	1 895	2 323	433	52.6	50.7
CONSTRUCTION LABORERS	2 324	24	2 138	103	4 109	76	939	9	346	9	54.7	42.5
FREIGHT, STOCK, AND MATERIAL HANDLERS	2 329	455	10 781	1 364	8 627	1 772	3 745	621	919	138	50.3	58.2
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	354	20	2 804	105	1 902	149	685	38	126	6	46.2	60.7
HAND PACKERS AND PACKAGERS	1 140	2 731	1 696	3 958	2 430	5 059	579	754	177	152	52.9	47.1
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	1 013	174	1 954	193	2 714	255	671	63	194	45	54.7	49.7
LABORERS, EXCEPT CONSTRUCTION	3 057	755	4 209	1 110	6 815	1 652	1 992	410	561	83	56.3	53.5
MANUFACTURING	1 516	458	1 464	569	2 282	730	582	108	155	29	50.3	45.8
NONDURABLE GOODS	739	228	737	364	1 005	402	225	60	84	16	47.1	44.7
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	777	230	727	205	1 277	328	357	48	71	13	53.1	47.2
METAL INDUSTRIES	262	52	223	35	319	34	104	-	11	8	47.2	32.6
NONMANUFACTURING INDUSTRIES	1 541	297	2 745	541	4 533	922	1 410	302	406	54	59.7	60.4
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	370	6	528	46	989	88	270	-	75	-	59.8	62.9
WHOLESALE AND RETAIL TRADE	591	89	1 365	341	2 426	614	800	153	256	27	64.0	64.9
ALL OTHER INDUSTRIES	580	202	852	154	1 118	220	340	149	75	27	51.7	52.7

TABLE 223. OCCUPATION OF EMPLOYED PERSONS BY YEARS OF SCHOOL COMPLETED, RACE, SPANISH ORIGIN, AND SEX: 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	YEARS OF SCHOOL COMPLETED										PERCENT HIGH SCHOOL GRADUATES	
	ELEMENTARY		HIGH SCHOOL				COLLEGE					
	0 TO 8 YEARS		1 TO 3 YEARS		4 YEARS		1 TO 3 YEARS		4 OR MORE YEARS			
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
WHITE												
EMPLOYED PERSONS 16 YEARS AND OVER	105 028	60 734	196 536	143 459	485 270	463 662	255 852	247 058	361 392	221 539	78.5	82.0
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	5 258	1 953	11 202	5 248	57 635	44 778	72 505	67 169	252 735	153 747	95.9	97.4
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	4 121	830	8 526	2 739	41 106	26 861	43 457	22 406	102 188	29 547	93.7	95.7
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	239	45	500	73	1 660	1 232	1 369	618	3 321	1 279	89.6	96.4
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	57	51	59	48	300	410	388	889	6 596	4 169	98.4	98.2
MANAGERS, MEDICINE AND HEALTH	3	20	49	43	242	482	334	624	1 555	1 199	97.6	97.3
OTHER SPECIFIED MANAGERS	483	75	1 084	399	6 743	4 445	8 518	3 224	19 588	3 453	95.7	95.9
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	2 092	391	4 653	1 382	21 914	11 726	20 463	9 289	41 413	10 012	92.5	94.6
MANUFACTURING	712	78	1 221	163	6 174	1 948	6 778	1 522	15 874	1 466	93.7	95.3
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	115	-	268	38	2 131	1 031	1 590	549	2 220	377	93.9	98.1
WHOLESALE AND RETAIL TRADE	709	124	1 590	585	7 704	3 309	5 614	2 176	6 669	1 321	89.7	90.6
ALL OTHER INDUSTRIES	556	189	1 574	596	5 905	5 438	6 481	5 042	16 650	6 848	93.2	95.7
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	606	80	969	167	2 532	682	1 527	489	1 821	632	78.9	88.0
CONSTRUCTION	129	5	228	6	502	5	284	6	157	14	72.5	69.4
MANUFACTURING	68	5	158	11	330	56	208	34	339	120	79.5	92.9
WHOLESALE AND RETAIL TRADE	323	59	337	107	977	363	602	225	524	158	76.1	81.8
ALL OTHER INDUSTRIES	86	11	246	43	723	258	433	224	801	340	85.5	93.8
MANAGEMENT RELATED OCCUPATIONS	641	168	1 212	627	7 715	7 884	10 858	7 273	27 894	8 803	96.2	96.8
ACCOUNTANTS AND AUDITORS	53	29	88	177	1 105	2 069	4 634	2 934	14 286	3 278	99.3	97.6
BUYERS AND PURCHASING AGENTS	203	41	411	172	2 293	1 576	2 017	1 084	2 642	932	91.9	94.4
PROFESSIONAL SPECIALTY OCCUPATIONS	1 137	1 123	2 676	2 509	16 529	17 917	29 048	44 763	150 547	124 200	98.1	98.1
ENGINEERS, ARCHITECTS, AND SURVEYORS	183	-	607	35	6 314	397	11 672	348	32 496	1 455	98.5	98.4
ARCHITECTS	-	-	50	-	229	6	368	30	2 497	402	98.4	100.0
ENGINEERS	165	-	510	35	5 958	379	11 114	314	29 858	1 033	98.6	98.0
ELECTRICAL AND ELECTRONIC ENGINEERS	17	-	53	4	1 310	81	2 679	99	9 191	278	99.5	99.1
MECHANICAL ENGINEERS	43	-	102	8	1 086	22	2 061	21	4 319	94	98.1	94.5
OTHER ENGINEERS	105	-	355	23	3 562	276	6 374	194	16 348	661	98.3	98.0
SURVEYORS AND MAPPING SCIENTISTS	18	-	47	-	127	12	190	4	141	20	87.6	100.0
MATHEMATICAL AND COMPUTER SCIENTISTS	25	10	25	13	887	680	2 073	658	6 190	2 049	99.5	99.3
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	18	4	17	-	623	248	1 460	384	4 324	1 148	99.5	99.8
NATURAL SCIENTISTS	21	12	105	44	434	151	732	248	5 275	1 525	98.1	97.2
HEALTH DIAGNOSING OCCUPATIONS	26	6	13	-	78	115	160	174	16 814	2 236	99.8	99.8
PHYSICIANS	7	6	8	-	35	30	56	117	11 596	1 932	99.9	99.7
DENTISTS	6	-	-	-	6	43	12	37	3 534	107	99.8	100.0
OTHER HEALTH DIAGNOSING PRACTITIONERS	13	-	5	-	37	42	92	20	1 684	197	99.0	100.0
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	42	211	125	444	567	6 827	1 542	27 883	4 395	19 827	97.5	98.8
REGISTERED NURSES	-	94	32	284	168	6 038	515	26 257	744	14 024	97.8	99.2
PHARMACISTS	7	-	8	12	105	96	450	128	2 694	567	99.5	98.5
THERAPISTS	18	24	39	34	172	402	502	1 253	816	3 989	96.3	99.0
TEACHERS, LIBRARIANS, AND COUNSELORS	301	503	528	1 071	2 541	5 139	4 588	8 966	47 997	74 266	98.5	98.3
TEACHERS, POSTSECONDARY	63	13	24	43	259	234	974	999	13 489	7 109	99.4	99.3
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	70	305	138	296	501	1 871	1 055	3 964	16 630	43 261	98.9	98.8
TEACHERS, SECONDARY	55	70	64	89	558	461	874	921	11 997	13 815	99.1	99.0
SOCIAL SCIENTISTS AND URBAN PLANNERS	23	7	30	52	164	117	474	392	4 749	3 046	99.0	98.4
SOCIAL AND RECREATION WORKERS	57	134	180	347	516	1 376	1 000	1 681	4 021	7 383	95.9	95.6
RELIGIOUS WORKERS	66	34	63	65	137	127	335	258	4 035	814	97.2	92.4
LAWYERS AND JUDGES	7	10	9	17	249	123	352	157	13 564	2 226	99.9	98.9
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	386	196	991	421	4 642	2 865	6 120	3 998	11 011	9 373	94.1	96.3
TECHNICAL,SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	9 066	7 852	28 043	50 332	102 769	270 367	76 021	135 120	71 411	54 001	87.1	88.8
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	796	524	2 152	1 625	15 510	12 187	17 905	16 060	14 221	9 814	94.2	94.7
HEALTH TECHNOLOGISTS AND TECHNICIANS	44	309	160	900	930	8 108	1 706	11 969	1 850	4 037	95.7	95.2
LICENSED PRACTICAL NURSES	19	242	45	715	137	5 515	260	5 143	52	269	87.5	91.9
ENGINEERING AND SCIENCE TECHNICIANS	503	150	1 445	468	10 748	2 199	10 627	1 899	3 931	1 303	92.9	89.7
ELECTRICAL AND ELECTRONIC TECHNICIANS	144	75	369	163	3 838	656	3 754	280	715	128	94.2	81.7
DRAFTING AND SURVEYING TECHNICIANS	127	11	382	30	3 393	457	3 737	352	1 170	352	94.2	96.6
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	249	65	547	257	3 832	1 880	5 572	2 192	8 440	4 474	95.7	96.4
AIRPLANE PILOTS AND NAVIGATORS	2	-	12	-	190	-	230	-	373	-	98.3	-
COMPUTER PROGRAMMERS	21	12	69	83	920	630	2 495	1 078	4 056	2 002	98.8	97.5
SALES OCCUPATIONS	3 831	2 968	13 016	24 455	38 846	50 610	30 270	24 141	37 643	12 487	86.4	76.1
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 300	364	2 550	855	10 695	4 955	7 175	2 734	6 866	1 971	86.5	88.8
SELF-EMPLOYED	618	147	873	196	2 440	892	1 160	521	1 095	412	75.9	84.2
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	324	123	871	536	5 674	5 664	6 339	4 428	13 439	4 483	95.5	95.7
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	707	129	1 420	345	7 860	1 771	7 145	1 126	11 343	1 128	92.5	89.5
SALES WORKERS, RETAIL AND PERSONAL SERVICES	1 495	2 346	8 139	22 690	14 507	38 066	9 546	15 789	5 949	4 885	75.7	70.1
CASHIERS	227	714	2 115	10 307	2 127	14 920	1 837	6 041	433	985	65.2	66.6
SALES RELATED OCCUPATIONS	5	6	36	29	110	154	65	64	46	20	84.4	87.2

TABLE 223. OCCUPATION OF EMPLOYED PERSONS BY YEARS OF SCHOOL COMPLETED, RACE, SPANISH ORIGIN, AND SEX: 1980 - CON.

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MASSACHUSETTS

	YEARS OF SCHOOL COMPLETED										PERCENT HIGH SCHOOL GRADUATES	
	ELEMENTARY		HIGH SCHOOL				COLLEGE					
	0 TO 8 YEARS		1 TO 3 YEARS		4 YEARS		1 TO 3 YEARS		4 OR MORE YEARS			
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
WHITE												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	4 439	4 360	12 875	24 252	48 413	207 570	27 846	94 919	19 547	31 700	84.7	92.1
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	389	134	1 158	651	6 392	8 800	4 021	3 995	5 124	1 970	90.9	95.0
COMPUTER EQUIPMENT OPERATORS	64	54	204	410	2 089	4 168	1 875	1 593	784	517	94.7	93.1
SECRETARIES, STENOGRAPHERS, AND TYPISTS	30	801	71	5 239	608	71 256	515	43 864	398	10 253	93.8	95.4
SECRETARIES	22	639	40	3 724	363	58 107	266	39 035	275	9 231	93.6	96.1
RECEPTIONISTS	15	124	51	1 003	198	5 672	256	2 723	94	891	89.3	89.2
FILE CLERKS	61	155	236	1 432	459	3 564	586	989	170	269	80.4	75.2
FINANCIAL RECORDS PROCESSING OCCUPATIONS	94	689	390	2 943	2 207	34 060	1 987	12 388	1 323	4 139	91.9	93.3
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	67	571	209	2 182	1 443	26 591	1 449	10 262	1 002	3 334	93.4	93.6
TELEPHONE OPERATORS	18	119	40	848	276	5 817	228	1 207	91	214	91.1	88.2
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	572	131	2 334	593	9 713	2 303	3 978	914	1 056	271	83.5	82.8
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	1 983	375	5 066	1 305	12 971	4 474	4 049	1 219	1 400	521	72.3	78.7
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	31	23	67	70	475	1 456	489	608	1 133	470	95.5	96.5
BANK TELLERS	19	89	42	782	513	7 532	583	2 873	397	1 053	96.1	92.9
DATA-ENTRY KEYERS	17	53	78	746	384	7 416	175	1 628	82	446	87.1	92.2
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	1 146	1 613	3 138	8 230	12 128	51 052	9 104	20 918	7 495	10 686	87.0	89.4
SERVICE OCCUPATIONS	16 513	13 383	37 280	44 198	54 637	80 072	30 721	31 932	11 242	8 937	64.2	67.7
PRIVATE HOUSEHOLD OCCUPATIONS	81	1 129	193	2 695	157	2 913	108	1 123	28	486	51.7	54.2
PROTECTIVE SERVICE OCCUPATIONS	2 465	234	5 142	670	18 252	2 640	13 625	1 356	5 383	287	83.0	82.6
FIREFIGHTING OCCUPATIONS	374	-	1 260	13	5 785	34	3 124	6	402	-	85.1	75.5
POLICE AND DETECTIVES, PUBLIC SERVICE	235	6	766	42	4 217	194	4 675	124	2 553	146	92.0	90.6
GUARDS	1 659	202	2 525	541	5 475	2 187	3 679	1 148	1 412	92	71.6	82.2
OTHER PROTECTIVE SERVICE OCCUPATIONS	197	26	591	74	2 775	225	2 147	78	1 016	49	88.3	77.9
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	13 967	12 020	31 945	40 833	36 228	74 519	16 988	29 453	5 831	8 164	56.3	68.0
FOOD PREPARATION AND SERVICE OCCUPATIONS	3 262	4 389	15 454	20 947	12 286	33 544	8 478	12 990	2 457	3 383	55.4	66.3
WAITERS AND FOOD COUNTER WORKERS	198	1 407	1 453	12 015	1 404	17 573	1 519	7 815	689	2 220	68.6	67.3
COOKS	1 259	1 012	5 136	2 768	4 591	4 910	2 427	1 295	483	350	54.0	63.4
HEALTH SERVICE OCCUPATIONS	473	2 468	1 063	10 174	2 094	19 584	1 428	9 802	996	1 803	74.6	71.2
NURSING AIDES, ORDERLIES, AND ATTENDANTS	399	2 020	708	8 215	1 797	15 440	1 118	6 400	759	1 182	76.8	69.2
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	9 180	2 931	13 625	4 529	18 299	5 171	5 466	1 177	1 419	289	52.5	47.1
PERSONAL SERVICE OCCUPATIONS	1 052	2 232	1 803	5 183	3 549	16 220	1 616	5 484	959	2 689	68.2	76.7
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	782	724	849	1 734	2 249	6 619	561	1 287	121	188	64.2	76.7
FARMING, FORESTRY, AND FISHING OCCUPATIONS	3 111	210	4 229	551	6 962	1 480	2 927	1 096	1 658	459	61.1	80.0
FARM OPERATORS AND MANAGERS	432	44	501	51	1 222	234	609	166	597	132	72.2	84.8
FARM OCCUPATIONS, EXCEPT MANAGERIAL	479	43	760	272	1 047	562	421	351	258	194	58.2	77.8
RELATED AGRICULTURAL OCCUPATIONS	1 215	99	2 042	210	3 173	608	1 373	515	544	122	61.0	80.1
FORESTRY AND FISHING OCCUPATIONS	985	24	926	18	1 520	76	524	64	259	11	54.7	78.2
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	25 976	3 577	46 078	5 263	139 143	11 426	41 828	2 958	15 119	1 687	73.1	64.5
MECHANICS AND REPAIRERS	7 284	220	13 950	424	44 914	1 292	13 295	328	2 628	284	74.1	74.7
AUTOMOBILE MECHANICS, INCLUDING BODY	2 679	13	5 251	16	14 183	81	2 788	56	638	42	68.9	86.1
AIRCRAFT MECHANICS	65	5	102	6	668	20	555	10	78	-	88.6	73.2
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	252	-	683	-	2 414	5	774	-	90	8	77.8	100.0
OTHER MECHANICS AND REPAIRERS	4 288	202	7 914	402	27 649	1 186	9 178	262	1 822	234	76.0	73.6
CONSTRUCTION TRADES	8 455	85	14 658	202	44 401	439	13 088	249	5 263	139	73.1	74.2
CARPENTERS	2 875	25	4 504	58	12 732	142	3 879	83	1 790	62	71.4	77.6
ELECTRICIANS	406	9	1 205	34	8 071	73	2 300	14	424	17	87.0	70.7
PAINTERS, CONSTRUCTION AND MAINTENANCE	1 022	19	1 920	24	3 179	76	955	69	472	24	61.0	79.7
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	839	7	1 607	8	6 255	5	1 323	23	355	-	76.4	65.1
OTHER CONSTRUCTION TRADES	3 313	25	5 422	78	14 164	143	4 631	60	2 222	36	70.6	69.9
EXTRACTIVE OCCUPATIONS	41	6	70	5	129	-	38	-	22	2	63.0	15.4
PRECISION PRODUCTION OCCUPATIONS	10 196	3 266	17 400	4 632	49 699	9 695	15 407	2 381	7 206	1 262	72.4	62.8
SUPERVISORS, PRODUCTION OCCUPATIONS	3 142	807	6 181	1 501	18 880	3 398	8 092	1 034	5 077	689	77.5	68.9
MANUFACTURING	2 689	721	4 778	1 260	14 512	2 618	5 838	599	3 740	418	76.3	64.7
PRECISION METALWORKING OCCUPATIONS	2 981	396	5 922	446	18 306	831	3 707	189	680	104	71.8	57.2
TOOL AND DIE MAKERS	378	7	977	30	3 188	33	501	18	109	-	73.7	58.0
MACHINISTS	1 880	173	3 806	142	11 359	319	2 446	63	383	42	71.4	57.4
SHEET METAL WORKERS	274	14	503	4	2 158	40	259	-	59	6	76.1	71.9
OTHER PRECISION METAL WORKERS	449	202	636	270	1 601	439	501	108	129	56	67.3	56.1
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	1 069	899	871	598	1 202	922	174	275	109	132	43.4	47.0
PLANT AND SYSTEM OPERATORS	331	-	792	24	2 364	77	627	27	404	20	75.1	83.8
OTHER PRECISION PRODUCTION OCCUPATIONS	2 673	1 164	3 634	2 063	8 947	4 467	2 807	856	936	317	66.8	63.6

TABLE 223. OCCUPATION OF EMPLOYED PERSONS BY YEARS OF SCHOOL COMPLETED, RACE, SPANISH ORIGIN, AND SEX: 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

	YEARS OF SCHOOL COMPLETED										PERCENT HIGH SCHOOL GRADUATES	
	ELEMENTARY		HIGH SCHOOL				COLLEGE					
	0 TO 8 YEARS		1 TO 3 YEARS		4 YEARS		1 TO 3 YEARS		4 OR MORE YEARS			
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
WHITE												
OPERATORS, FABRICATORS, AND LABORERS	45 104	33 759	69 704	37 867	124 124	55 539	31 850	8 783	9 227	2 708	59.0	48.3
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	25 679	29 142	29 485	29 801	64 221	42 891	14 599	5 834	4 127	1 987	60.1	46.2
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	20 359	21 746	21 408	17 729	44 354	22 313	9 275	3 186	2 652	1 219	57.4	40.4
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	2 950	457	3 568	859	7 236	1 270	1 369	190	350	51	57.9	53.4
PRINTING MACHINE OPERATORS	606	243	1 802	472	6 674	1 729	1 333	449	440	178	77.8	76.7
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	3 890	14 091	2 249	8 214	2 547	7 154	580	722	246	323	35.5	26.9
TEXTILE MACHINE OPERATORS	1 811	1 329	867	762	1 048	898	172	108	77	61	32.6	33.8
TEXTILE SEWING MACHINE OPERATORS	252	10 072	145	5 174	190	4 058	42	369	53	211	41.8	23.3
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	339	688	390	926	766	968	264	148	73	20	60.2	41.3
OTHER SPECIFIED MACHINE OPERATORS	5 064	2 264	6 460	2 928	12 480	4 123	2 826	801	818	324	58.3	50.3
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	7 849	4 691	7 329	5 256	15 417	8 037	3 167	1 024	798	343	56.1	48.6
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	2 195	1 009	2 286	1 742	4 871	2 835	981	423	243	111	57.6	55.0
MACHINE OPERATORS, NOT SPECIFIED	5 654	3 682	5 043	3 514	10 546	5 202	2 186	601	555	232	55.4	45.6
INDUSTRY:												
MANUFACTURING	7 390	4 494	6 831	4 880	14 071	7 232	2 729	818	677	252	55.1	47.0
NONDURABLE GOODS	3 194	2 214	2 967	2 136	4 998	2 655	965	280	228	142	50.1	41.4
FOOD AND KINDRED PRODUCTS	360	112	172	119	501	106	23	10	41	-	51.5	33.4
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	522	911	365	500	495	426	83	44	12	-	39.9	25.0
PAPER AND ALLIED PRODUCTS	866	377	957	473	1 637	675	319	64	53	40	52.4	47.8
OTHER NONDURABLE GOODS	1 446	814	1 473	1 044	2 365	1 448	540	162	122	102	50.9	48.0
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	4 196	2 280	3 864	2 744	9 073	4 577	1 764	538	449	110	58.3	51.0
METAL INDUSTRIES	1 801	464	1 323	324	2 447	618	441	22	62	21	48.6	45.6
MACHINERY, INCLUDING ELECTRICAL	1 078	1 024	1 388	1 358	3 546	2 382	570	311	195	34	63.6	53.4
TRANSPORTATION EQUIPMENT	171	81	241	102	617	199	171	11	19	12	66.2	54.8
OTHER DURABLE GOODS	1 146	711	912	960	2 463	1 378	582	194	173	43	61.0	49.1
NONMANUFACTURING INDUSTRIES	459	197	498	376	1 346	805	438	206	121	91	66.6	65.8
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	80	25	98	6	400	55	127	25	2	5	74.8	73.3
WHOLESALE AND RETAIL TRADE	206	61	185	190	416	337	90	83	35	55	58.0	65.4
ALL OTHER INDUSTRIES	173	111	215	180	530	413	221	98	84	31	68.3	65.1
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	4 229	5 197	6 161	8 404	14 141	13 982	3 122	1 666	746	552	63.4	54.4
WELDERS AND CUTTERS	1 210	123	1 835	325	4 624	469	667	30	90	20	63.9	53.7
ASSEMBLERS	2 666	4 537	3 797	7 167	8 742	12 107	2 170	1 458	561	383	64.0	54.4
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	353	537	529	912	775	1 406	285	178	95	149	56.7	54.5
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 091	2 199	1 916	3 668	5 726	6 596	2 202	982	729	216	74.2	57.1
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	10 012	790	17 754	1 585	34 460	4 097	8 969	1 206	2 855	322	62.5	70.3
MOTOR VEHICLE OPERATORS	7 033	314	13 588	1 108	26 046	3 531	7 073	1 104	2 091	267	63.1	77.5
TRUCK DRIVERS AND DRIVER-SALES WORKERS	5 712	51	11 396	204	21 366	624	5 140	256	1 314	88	61.9	79.1
BUS DRIVERS	595	206	1 019	807	2 325	2 691	867	726	226	124	67.9	77.8
RAIL AND WATER TRANSPORTATION OCCUPATIONS	214	-	502	3	1 423	15	391	20	343	23	75.1	95.1
MATERIAL MOVING EQUIPMENT OPERATORS	2 765	476	3 664	474	6 991	551	1 505	82	421	32	58.1	41.2
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	237	13	354	-	592	12	138	-	30	3	56.3	53.6
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	9 413	3 827	22 465	6 481	25 443	8 551	8 282	1 743	2 245	399	53.0	50.9
CONSTRUCTION LABORERS	2 176	24	1 995	86	3 911	76	880	9	338	9	55.2	46.1
FREIGHT, STOCK, AND MATERIAL HANDLERS	2 074	407	10 363	1 292	8 311	1 712	3 647	588	895	117	50.8	58.7
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	339	20	2 753	105	1 872	138	665	38	120	6	46.2	59.3
HAND PACKERS AND PACKAGERS	992	2 549	1 602	3 752	2 266	4 782	543	669	155	147	53.3	47.0
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	928	125	1 859	188	2 576	233	638	52	194	45	55.0	51.3
LABORERS, EXCEPT CONSTRUCTION	2 904	702	3 893	1 058	6 507	1 610	1 909	387	543	75	56.9	54.1
MANUFACTURING	1 456	419	1 341	552	2 121	708	550	100	147	29	50.2	46.3
NONDURABLE GOODS	719	207	677	347	960	386	205	60	84	16	47.2	45.5
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	737	212	664	205	1 161	322	345	40	63	13	52.8	47.3
METAL INDUSTRIES	256	52	206	35	297	28	104	-	11	8	47.1	29.3
NONMANUFACTURING INDUSTRIES	1 448	283	2 552	506	4 386	902	1 359	287	396	46	60.6	61.0
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	354	6	493	41	943	88	243	-	75	-	59.8	65.2
WHOLESALE AND RETAIL TRADE	566	83	1 295	325	2 371	608	792	138	256	27	64.8	65.5
ALL OTHER INDUSTRIES	528	194	764	140	1 072	206	324	149	65	19	53.1	52.8

TABLE 223. OCCUPATION OF EMPLOYED PERSONS BY YEARS OF SCHOOL COMPLETED, RACE, SPANISH ORIGIN, AND SEX: 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

	YEARS OF SCHOOL COMPLETED										PERCENT HIGH SCHOOL GRADUATES	
	ELEMENTARY		HIGH SCHOOL				COLLEGE					
	0 TO 8 YEARS		1 TO 3 YEARS		4 YEARS		1 TO 3 YEARS		4 OR MORE YEARS			
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
BLACK												
EMPLOYED PERSONS 16 YEARS AND OVER	4 279	3 576	7 695	7 672	16 021	17 114	7 927	8 669	6 364	5 559	71.7	73.6
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	252	187	546	501	1 358	1 645	1 763	2 124	3 893	3 955	89.8	91.8
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	152	71	312	157	847	751	891	807	1 478	1 004	87.4	91.8
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	6	-	36	6	40	23	47	52	122	85	83.3	96.4
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	27	11	46	11	11	13	28	99	269	216	80.8	93.7
MANAGERS, MEDICINE AND HEALTH	-	-	-	-	4	64	37	14	22	31	100.0	100.0
OTHER SPECIFIED MANAGERS	5	-	29	14	167	80	132	84	150	95	93.0	94.9
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	31	26	123	79	359	218	295	234	430	231	87.6	86.7
MANUFACTURING	-	-	29	5	26	25	47	23	67	27	82.8	93.8
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	-	6	-	67	34	42	29	34	18	96.0	100.0
WHOLESALE AND RETAIL TRADE	31	14	27	12	97	39	58	24	43	6	77.3	72.6
ALL OTHER INDUSTRIES	-	12	61	62	169	120	148	158	286	180	90.8	86.1
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	19	-	15	-	36	-	5	16	13	-	61.4	100.0
CONSTRUCTION	-	-	-	-	17	-	-	-	-	-	100.0	-
MANUFACTURING	-	-	-	-	-	-	-	16	13	-	100.0	100.0
WHOLESALE AND RETAIL TRADE	9	-	-	-	7	-	-	-	-	-	43.8	-
ALL OTHER INDUSTRIES	10	-	15	-	12	-	5	-	-	-	40.5	-
MANAGEMENT RELATED OCCUPATIONS	64	34	63	47	230	353	347	308	472	346	89.2	92.6
ACCOUNTANTS AND AUDITORS	29	-	24	10	17	47	151	111	190	155	87.1	96.9
BUYERS AND PURCHASING AGENTS	-	-	6	-	34	41	25	33	30	27	93.7	100.0
PROFESSIONAL SPECIALTY OCCUPATIONS	100	116	234	344	511	894	872	1 317	2 415	2 951	91.9	91.8
ENGINEERS, ARCHITECTS, AND SURVEYORS	6	-	20	-	117	-	119	17	468	33	96.4	100.0
ARCHITECTS	-	-	-	-	18	-	7	-	8	14	100.0	100.0
ENGINEERS	6	-	20	-	99	-	112	17	460	19	96.3	100.0
ELECTRICAL AND ELECTRONIC ENGINEERS	-	-	-	-	39	-	28	-	172	-	100.0	-
MECHANICAL ENGINEERS	-	-	-	-	9	-	31	-	19	-	100.0	-
OTHER ENGINEERS	6	-	20	-	51	-	53	17	269	19	93.5	100.0
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	18	-	-	-	31	8	112	9	90	63	92.8	100.0
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	18	-	-	-	23	8	72	-	65	31	89.9	100.0
NATURAL SCIENTISTS	-	-	-	-	15	-	21	-	90	20	100.0	100.0
HEALTH DIAGNOSING OCCUPATIONS	-	-	-	-	-	-	-	-	188	64	100.0	100.0
PHYSICIANS	-	-	-	-	-	-	-	-	140	45	100.0	100.0
DENTISTS	-	-	-	-	-	-	-	-	48	19	100.0	100.0
OTHER HEALTH DIAGNOSING PRACTITIONERS	-	-	-	-	-	-	-	-	-	-	-	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	9	19	6	120	30	347	83	424	79	398	92.8	89.4
REGISTERED NURSES	-	6	-	69	6	249	27	398	6	269	100.0	92.4
PHARMACISTS	-	-	-	-	-	-	18	-	45	3	100.0	100.0
THERAPISTS	-	6	-	-	6	6	38	13	28	108	100.0	95.5
TEACHERS, LIBRARIANS, AND COUNSELORS	34	62	60	159	122	366	159	582	876	1 748	92.5	92.4
TEACHERS, POSTSECONDARY	6	20	-	8	24	39	30	45	242	197	98.0	90.9
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	18	24	25	57	37	156	38	286	290	983	89.5	94.6
TEACHERS, SECONDARY	10	12	-	23	14	37	22	18	145	204	94.8	88.1
SOCIAL SCIENTISTS AND URBAN PLANNERS	-	-	-	-	6	-	46	23	42	50	100.0	100.0
SOCIAL AND RECREATION WORKERS	15	13	82	49	27	144	125	194	217	374	79.2	92.0
RELIGIOUS WORKERS	-	10	-	-	-	-	29	-	76	6	100.0	37.5
LAWYERS AND JUDGES	-	-	32	-	16	-	20	4	168	82	86.4	100.0
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	18	12	34	16	147	29	158	64	121	113	89.1	88.0
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	451	620	986	2 290	3 394	8 123	2 667	4 653	1 354	1 278	83.8	82.8
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	11	78	94	177	518	600	709	472	278	224	93.5	83.6
HEALTH TECHNOLOGISTS AND TECHNICIANS	5	53	24	124	61	420	86	296	39	61	86.5	81.4
LICENSED PRACTICAL NURSES	-	14	10	70	-	274	6	157	-	29	37.5	84.6
ENGINEERING AND SCIENCE TECHNICIANS	6	14	51	39	291	132	391	30	110	41	93.3	79.3
ELECTRICAL AND ELECTRONIC TECHNICIANS	6	-	-	8	50	22	190	8	51	12	98.0	84.0
DRAFTING AND SURVEYING TECHNICIANS	-	-	18	-	135	17	115	14	10	16	93.5	100.0
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	-	11	19	14	166	48	232	146	129	122	96.5	92.7
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	11	-	-	-	100.0	-
COMPUTER PROGRAMMERS	-	-	19	-	84	17	86	53	75	59	92.8	100.0
SALES OCCUPATIONS	166	37	266	497	773	757	519	553	423	151	79.9	73.2
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	48	6	7	18	70	65	81	28	59	-	79.2	79.5
SELF-EMPLOYED	26	6	-	10	14	-	32	8	7	-	67.1	33.3
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	13	-	12	31	150	50	63	72	116	71	92.9	86.2
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	7	-	24	-	18	23	129	12	109	11	89.2	100.0
SALES WORKERS, RETAIL AND PERSONAL SERVICES	98	31	223	448	535	619	232	441	139	69	73.8	70.2
CASHIERS	24	18	98	214	155	249	82	168	44	24	69.7	65.5
SALES RELATED OCCUPATIONS	-	-	-	-	-	-	14	-	-	-	100.0	-

TABLE 223. OCCUPATION OF EMPLOYED PERSONS BY YEARS OF SCHOOL COMPLETED, RACE, SPANISH ORIGIN, AND SEX: 1980 - CON.

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MASSACHUSETTS	YEARS OF SCHOOL COMPLETED										PERCENT HIGH SCHOOL GRADUATES	
	ELEMENTARY		HIGH SCHOOL				COLLEGE					
	0 TO 8 YEARS		1 TO 3 YEARS		4 YEARS		1 TO 3 YEARS		4 OR MORE YEARS			
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
BLACK												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	274	505	626	1 616	2 103	6 766	1 439	3 628	653	903	82.3	84.2
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	9	8	26	-	85	352	217	202	189	96	93.3	98.8
COMPUTER EQUIPMENT OPERATORS	-	-	8	6	207	155	100	107	26	26	97.7	98.0
SECRETARIES, STENOGRAPHERS, AND TYPISTS	13	75	4	391	19	1 992	34	1 133	-	253	75.7	87.9
SECRETARIES	-	63	-	277	19	1 374	30	874	-	178	100.0	87.7
RECEPTIONISTS	-	49	33	22	41	204	10	131	-	31	60.7	83.8
FILE CLERKS	-	56	-	130	28	260	50	107	7	13	100.0	67.1
FINANCIAL RECORDS PROCESSING OCCUPATIONS	5	20	15	141	122	526	95	249	61	54	93.3	83.7
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	5	20	15	113	105	331	69	190	61	38	92.2	80.8
TELEPHONE OPERATORS	9	30	9	40	9	133	28	54	-	8	67.3	73.6
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	49	39	161	106	438	213	163	48	16	-	74.6	64.3
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	118	22	146	34	508	142	198	38	59	37	74.3	79.5
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	-	-	-	-	-	143	17	46	23	40	100.0	100.0
BANK TELLERS	-	9	-	27	18	198	29	98	19	42	100.0	90.4
DATA-ENTRY KEYERS	-	29	-	124	13	562	11	181	4	25	100.0	83.4
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	71	168	224	595	615	1 886	487	1 234	249	278	82.1	81.7
SERVICE OCCUPATIONS	1 210	1 851	2 290	2 921	3 265	4 369	1 380	1 230	473	181	59.4	54.8
PRIVATE HOUSEHOLD OCCUPATIONS	3	295	8	189	-	221	16	63	5	8	65.6	37.6
PROTECTIVE SERVICE OCCUPATIONS	117	-	264	78	947	202	548	83	169	22	81.4	79.7
FIREFIGHTING OCCUPATIONS	6	-	27	-	123	-	113	-	5	-	88.0	-
POLICE AND DETECTIVES, PUBLIC SERVICE	6	-	19	10	148	36	113	25	69	13	93.0	88.1
GUARDS	87	-	203	68	515	138	267	58	82	9	74.9	75.1
OTHER PROTECTIVE SERVICE OCCUPATIONS	18	-	15	-	161	28	55	-	13	-	87.4	100.0
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	1 090	1 556	2 018	2 654	2 318	3 946	816	1 084	299	151	52.5	55.2
FOOD PREPARATION AND SERVICE OCCUPATIONS	234	183	589	409	680	573	162	162	56	13	52.2	55.8
WAITERS AND FOOD COUNTER WORKERS	19	50	53	136	37	127	19	80	24	-	52.6	52.7
COOKS	100	68	229	86	238	139	62	31	6	-	48.2	52.5
HEALTH SERVICE OCCUPATIONS	136	557	185	1 291	376	1 925	283	656	60	72	69.1	58.9
NURSING AIDES, ORDERLIES, AND ATTENDANTS	122	477	155	1 105	304	1 706	238	576	55	65	68.3	59.7
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	637	506	1 054	406	1 143	712	230	47	88	6	46.4	45.6
PERSONAL SERVICE OCCUPATIONS	83	310	190	548	119	736	141	219	95	60	56.5	54.2
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	26	6	63	7	35	125	50	38	22	-	54.6	92.6
FARMING, FORESTRY, AND FISHING OCCUPATIONS	36	-	93	-	114	20	22	12	7	-	52.6	100.0
FARM OPERATORS AND MANAGERS	-	-	-	-	5	-	-	-	-	-	100.0	-
FARM OCCUPATIONS, EXCEPT MANAGERIAL	-	-	6	-	15	5	-	-	-	-	71.4	100.0
RELATED AGRICULTURAL OCCUPATIONS	36	-	80	-	79	15	22	12	7	-	48.2	100.0
FORESTRY AND FISHING OCCUPATIONS	-	-	7	-	15	-	-	-	-	-	68.2	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	926	95	1 144	194	3 132	368	962	121	308	34	68.0	64.4
MECHANICS AND REPAIRERS	310	7	420	52	904	96	321	-	67	-	63.9	61.9
AUTOMOBILE MECHANICS, INCLUDING BODY	180	-	213	-	335	8	91	-	-	-	52.0	100.0
AIRCRAFT MECHANICS	6	-	5	-	-	-	10	-	14	-	68.6	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	8	-	-	-	27	-	9	-	17	-	86.9	-
OTHER MECHANICS AND REPAIRERS	116	7	202	52	542	88	211	-	36	-	71.3	59.9
CONSTRUCTION TRADES	266	-	310	8	975	20	251	-	70	4	69.2	75.0
CARPENTERS	90	-	67	-	253	-	61	-	9	4	67.3	100.0
ELECTRICIANS	13	-	33	-	97	-	77	-	19	-	80.8	-
PAINTERS, CONSTRUCTION AND MAINTENANCE	42	-	29	8	152	8	49	-	3	-	74.2	50.0
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	23	-	65	-	127	-	42	-	7	-	66.7	-
OTHER CONSTRUCTION TRADES	98	-	116	-	346	12	22	-	32	-	65.1	100.0
EXTRACTIVE OCCUPATIONS	6	-	-	-	5	-	-	-	-	-	45.5	-
PRECISION PRODUCTION OCCUPATIONS	344	88	414	134	1 248	252	390	121	171	30	70.5	64.5
SUPERVISORS, PRODUCTION OCCUPATIONS	93	12	151	60	364	114	193	63	125	20	73.7	73.2
MANUFACTURING	60	8	115	60	273	75	155	35	118	20	75.7	65.7
PRECISION METALWORKING OCCUPATIONS	110	7	165	17	587	36	115	29	34	-	72.8	73.0
TOOL AND DIE MAKERS	4	-	8	-	72	-	23	-	21	-	90.6	-
MACHINISTS	81	7	143	11	437	30	66	20	13	-	69.7	73.5
SHEET METAL WORKERS	5	-	14	6	67	-	21	-	-	-	82.2	-
OTHER PRECISION METAL WORKERS	20	-	-	-	11	6	5	9	-	-	44.4	100.0
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	11	27	-	7	13	13	-	6	7	-	64.5	35.8
PLANT AND SYSTEM OPERATORS	16	5	23	-	60	4	11	-	-	-	64.5	44.4
OTHER PRECISION PRODUCTION OCCUPATIONS	114	37	75	50	224	85	71	23	5	10	61.3	57.6

TABLE 223. OCCUPATION OF EMPLOYED PERSONS BY YEARS OF SCHOOL COMPLETED, RACE, SPANISH ORIGIN, AND SEX: 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

	YEARS OF SCHOOL COMPLETED										PERCENT HIGH SCHOOL GRADUATES	
	ELEMENTARY		HIGH SCHOOL				COLLEGE					
	0 TO 8 YEARS		1 TO 3 YEARS		4 YEARS		1 TO 3 YEARS		4 OR MORE YEARS			
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
BLACK												
OPERATORS, FABRICATORS, AND LABORERS	1 404	823	2 636	1 766	4 758	2 589	1 133	529	329	111	60.6	55.5
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	698	661	1 411	1 468	2 655	2 163	564	364	230	91	62.1	55.2
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	445	449	849	833	1 897	997	350	195	126	30	64.7	48.8
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	22	14	118	22	143	30	56	6	13	-	60.2	50.0
PRINTING MACHINE OPERATORS	29	-	45	5	180	37	52	5	19	-	77.2	89.4
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	58	208	185	293	217	369	37	48	27	16	53.6	46.4
TEXTILE MACHINE OPERATORS	8	12	52	-	72	13	-	-	8	-	57.1	52.0
TEXTILE SEWING MACHINE OPERATORS	-	93	11	161	23	257	-	44	5	7	71.8	54.8
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	20	53	61	44	70	32	19	4	7	9	54.2	31.7
OTHER SPECIFIED MACHINE OPERATORS	104	52	187	85	428	96	63	36	29	-	64.1	49.1
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	232	175	314	428	929	465	142	100	38	14	67.0	49.0
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	77	35	35	148	191	144	33	19	6	-	67.3	47.1
MACHINE OPERATORS, NOT SPECIFIED	155	140	279	280	738	321	109	81	32	14	66.9	49.8
INDUSTRY:												
MANUFACTURING	232	175	284	394	867	402	111	88	22	14	66.0	47.0
NONDURABLE GOODS	105	50	99	80	321	89	37	21	6	14	64.1	48.8
FOOD AND KINDRED PRODUCTS	14	-	9	7	29	-	26	-	-	-	70.5	-
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	-	-	-	-	53	-	-	6	-	-	100.0	100.0
PAPER AND ALLIED PRODUCTS	26	14	14	33	85	23	-	-	-	-	68.0	32.9
OTHER NONDURABLE GOODS	65	36	76	40	154	66	11	15	6	14	54.8	55.6
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	127	125	185	314	546	313	74	67	16	-	67.1	46.4
METAL INDUSTRIES	14	49	48	50	150	45	30	-	12	-	75.6	31.3
MACHINERY, INCLUDING ELECTRICAL	12	46	34	140	79	127	16	28	-	-	67.4	45.5
TRANSPORTATION EQUIPMENT	8	-	9	9	94	6	5	12	-	-	85.3	66.7
OTHER DURABLE GOODS	93	30	94	115	223	135	23	27	4	-	57.2	52.8
NONMANUFACTURING INDUSTRIES	-	-	30	34	62	63	31	12	16	-	78.4	68.8
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	-	7	-	29	8	7	5	-	-	83.7	100.0
WHOLESALE AND RETAIL TRADE	-	-	-	7	-	13	-	-	-	-	-	65.0
ALL OTHER INDUSTRIES	-	-	23	27	33	42	24	7	16	-	76.0	64.5
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	242	174	441	455	645	813	154	101	65	57	55.9	60.7
WELDERS AND CUTTERS	125	-	164	-	301	-	37	12	8	17	54.5	100.0
ASSEMBLERS	105	163	277	425	344	750	117	82	49	40	57.2	59.7
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	12	11	-	30	-	63	-	7	8	-	40.0	63.1
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	11	38	121	180	113	353	60	68	39	4	61.6	66.1
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	367	39	543	80	1 198	149	332	65	72	16	63.8	65.9
MOTOR VEHICLE OPERATORS	255	39	463	54	995	135	268	65	72	16	65.0	69.9
TRUCK DRIVERS AND DRIVER-SALES WORKERS	108	9	297	6	430	21	93	4	21	-	57.3	62.5
BUS DRIVERS	33	30	92	48	341	91	78	61	16	16	77.7	68.3
RAIL AND WATER TRANSPORTATION OCCUPATIONS	15	-	-	-	49	-	8	-	-	-	79.2	-
MATERIAL MOVING EQUIPMENT OPERATORS	97	-	80	26	154	14	56	-	-	-	54.3	35.0
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	-	-	2	7	26	-	-	-	-	-	92.9	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	339	123	682	218	905	277	237	100	27	4	53.4	52.8
CONSTRUCTION LABORERS	73	-	69	17	169	-	45	-	8	-	61.0	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	69	42	265	12	279	53	62	29	-	-	50.5	60.3
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	15	-	10	-	22	-	15	-	6	-	63.2	-
HAND PACKERS AND PACKAGERS	64	56	74	151	106	167	29	48	-	-	49.5	50.9
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	64	11	56	5	100	22	16	-	-	-	49.2	57.9
LABORERS, EXCEPT CONSTRUCTION	54	14	208	33	229	35	70	23	13	4	54.4	56.9
MANUFACTURING	17	6	64	17	117	22	29	8	8	-	65.5	56.6
NONDURABLE GOODS	-	-	27	17	34	16	17	-	-	-	65.4	48.5
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	17	6	37	-	83	6	12	8	8	-	65.6	70.0
METAL INDUSTRIES	-	-	10	-	14	6	-	-	-	-	58.3	100.0
NONMANUFACTURING INDUSTRIES	37	8	144	16	112	13	41	15	5	4	46.6	57.1
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	10	-	25	5	41	-	25	-	-	-	65.3	-
WHOLESALE AND RETAIL TRADE	9	-	47	5	41	6	-	15	-	-	42.3	80.8
ALL OTHER INDUSTRIES	18	8	72	6	30	7	16	-	5	4	36.2	44.0

TABLE 223. OCCUPATION OF EMPLOYED PERSONS BY YEARS OF SCHOOL COMPLETED, RACE, SPANISH ORIGIN, AND SEX: 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

	YEARS OF SCHOOL COMPLETED										PERCENT HIGH SCHOOL GRADUATES	
	ELEMENTARY		HIGH SCHOOL				COLLEGE					
	0 TO 8 YEARS		1 TO 3 YEARS		4 YEARS		1 TO 3 YEARS		4 OR MORE YEARS			
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
ASIAN AND PACIFIC ISLANDER												
EMPLOYED PERSONS 16 YEARS AND OVER	1 628	1 734	1 067	925	1 976	2 790	1 747	1 785	6 337	3 495	78.9	75.2
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	205	59	105	75	297	235	490	443	4 388	2 004	94.3	95.2
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	171	19	66	54	225	152	203	172	974	522	85.5	92.1
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	7	-	-	-	12	21	7	-	6	21	78.1	100.0
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	10	-	-	-	11	-	6	9	42	45	85.5	100.0
MANAGERS, MEDICINE AND HEALTH	-	-	-	-	-	-	-	6	11	-	100.0	100.0
OTHER SPECIFIED MANAGERS	-	-	-	-	9	7	11	-	89	36	100.0	100.0
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	132	12	50	35	134	74	131	55	552	202	81.8	87.6
MANUFACTURING	-	-	-	-	-	13	18	-	203	21	100.0	100.0
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	-	-	-	-	-	-	-	13	-	100.0	-
WHOLESALE AND RETAIL TRADE	124	-	45	29	108	44	65	16	76	33	59.6	76.2
ALL OTHER INDUSTRIES	8	12	5	6	26	17	48	39	260	148	96.3	91.9
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	22	7	-	15	20	10	16	-	20	-	71.8	31.3
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	22	7	-	15	6	10	16	-	15	-	62.7	31.3
ALL OTHER INDUSTRIES	-	-	-	-	14	-	-	-	5	-	100.0	-
MANAGEMENT RELATED OCCUPATIONS	-	-	16	4	39	40	32	102	254	218	95.3	98.9
ACCOUNTANTS AND AUDITORS	-	-	7	4	15	20	20	73	122	122	95.7	98.2
BUYERS AND PURCHASING AGENTS	-	-	9	-	12	8	-	-	7	6	67.9	100.0
PROFESSIONAL SPECIALTY OCCUPATIONS	34	40	39	21	72	83	287	271	3 414	1 482	98.1	96.8
ENGINEERS, ARCHITECTS, AND SURVEYORS	10	-	14	-	26	-	64	6	1 178	42	98.1	100.0
ARCHITECTS	-	-	-	-	-	-	-	-	53	8	100.0	100.0
ENGINEERS	10	-	14	-	26	-	64	6	1 125	34	98.1	100.0
ELECTRICAL AND ELECTRONIC ENGINEERS	3	-	14	-	12	-	7	-	389	7	96.0	100.0
MECHANICAL ENGINEERS	-	-	-	-	-	-	6	-	154	6	100.0	100.0
OTHER ENGINEERS	7	-	-	-	14	-	51	6	582	21	98.9	100.0
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	-	-	6	-	-	-	34	16	197	34	97.5	100.0
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	-	-	6	-	-	-	23	-	127	28	96.2	100.0
NATURAL SCIENTISTS	-	-	8	-	12	-	10	-	301	149	97.6	100.0
HEALTH DIAGNOSING OCCUPATIONS	-	-	-	-	-	6	23	19	739	290	100.0	100.0
PHYSICIANS	-	-	-	-	-	6	23	19	677	270	100.0	100.0
DENTISTS	-	-	-	-	-	-	-	-	41	-	100.0	-
OTHER HEALTH DIAGNOSING PRACTITIONERS	-	-	-	-	-	-	-	-	21	20	100.0	100.0
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	-	18	-	-	-	6	29	94	43	335	100.0	96.0
REGISTERED NURSES	-	11	-	-	-	6	-	65	3	244	100.0	96.6
PHARMACISTS	-	-	-	-	-	-	15	-	21	11	100.0	100.0
THERAPISTS	-	-	-	-	-	-	14	16	3	24	100.0	100.0
TEACHERS, LIBRARIANS, AND COUNSELORS	16	15	3	21	21	42	76	84	654	462	97.5	94.2
TEACHERS, POSTSECONDARY	9	3	-	-	10	18	42	24	474	153	98.3	98.5
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	-	6	3	14	-	12	-	13	77	161	96.3	90.3
TEACHERS, SECONDARY	-	-	-	-	-	-	-	-	25	29	100.0	100.0
SOCIAL SCIENTISTS AND URBAN PLANNERS	-	-	-	-	-	6	-	-	109	25	100.0	100.0
SOCIAL AND RECREATION WORKERS	-	-	-	-	-	17	8	16	5	64	100.0	100.0
RELIGIOUS WORKERS	5	7	5	-	-	-	6	6	14	-	66.7	46.2
LAWYERS AND JUDGES	-	-	-	-	-	-	-	-	25	-	100.0	-
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	3	-	3	-	13	6	37	30	149	81	97.1	100.0
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	88	125	172	292	421	1 094	604	860	1 340	1 098	90.1	88.0
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	8	5	11	30	138	45	288	133	907	453	98.6	94.7
HEALTH TECHNOLOGISTS AND TECHNICIANS	-	5	-	-	-	32	65	82	117	152	100.0	98.2
LICENSED PRACTICAL NURSES	-	-	-	-	-	22	7	30	-	17	100.0	100.0
ENGINEERING AND SCIENCE TECHNICIANS	8	-	-	23	73	7	132	35	215	26	98.1	74.7
ELECTRICAL AND ELECTRONIC TECHNICIANS	-	-	-	5	48	-	63	18	60	-	100.0	78.3
DRAFTING AND SURVEYING TECHNICIANS	8	-	-	18	25	-	30	12	80	12	94.4	57.1
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	-	-	11	7	65	6	91	16	575	275	98.5	97.7
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	-	-	11	-	25	-	43	5	211	116	96.2	100.0
SALES OCCUPATIONS	37	60	56	99	99	270	107	134	202	153	81.4	77.8
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	8	-	7	-	39	25	46	3	70	19	91.2	100.0
SELF-EMPLOYED	-	-	7	-	26	22	-	-	28	6	88.5	100.0
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	-	10	-	6	-	14	6	19	56	45	100.0	83.0
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	-	-	-	-	13	-	12	-	12	24	100.0	100.0
SALES WORKERS, RETAIL AND PERSONAL SERVICES	29	50	49	93	47	227	43	112	64	60	66.4	73.6
CASHIERS	29	29	30	66	23	121	23	84	10	18	48.7	70.1
SALES RELATED OCCUPATIONS	-	-	-	-	-	4	-	-	-	5	-	100.0

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MASSACHUSETTS

	YEARS OF SCHOOL COMPLETED										PERCENT HIGH SCHOOL GRADUATES	
	ELEMENTARY		HIGH SCHOOL				COLLEGE					
	0 TO 8 YEARS		1 TO 3 YEARS		4 YEARS		1 TO 3 YEARS		4 OR MORE YEARS			
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
ASIAN AND PACIFIC ISLANDER												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	43	60	105	163	184	779	209	593	231	492	80.8	89.3
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	-	-	-	3	31	22	20	13	37	16	100.0	94.4
COMPUTER EQUIPMENT OPERATORS	-	-	-	4	11	23	30	13	33	30	100.0	94.3
SECRETARIES, STENOGRAPHERS, AND TYPISTS	-	12	25	23	21	208	-	197	16	73	59.7	93.2
SECRETARIES	-	12	-	5	16	135	-	177	16	67	100.0	95.7
RECEPTIONISTS	-	-	9	11	-	13	-	39	-	-	-	82.5
FILE CLERKS	-	-	-	7	6	22	17	22	6	13	100.0	89.1
FINANCIAL RECORDS PROCESSING OCCUPATIONS	19	7	-	19	11	79	14	65	27	110	73.2	90.7
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	19	7	-	13	11	63	14	65	27	98	73.2	91.9
TELEPHONE OPERATORS	-	-	-	-	-	14	-	-	-	-	-	100.0
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	-	-	-	6	7	20	14	-	-	-	100.0	76.9
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	9	-	7	-	13	20	18	-	12	13	72.9	100.0
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	-	-	-	-	-	5	3	7	-	-	100.0	100.0
BANK TELLERS	-	-	-	18	-	31	-	51	20	6	100.0	83.0
DATA-ENTRY KEYERS	-	-	-	8	-	79	13	30	-	35	100.0	94.7
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	15	41	64	64	84	243	80	156	80	196	75.5	85.0
SERVICE OCCUPATIONS	1 095	260	561	183	787	538	350	251	274	202	46.0	69.1
PRIVATE HOUSEHOLD OCCUPATIONS	16	35	3	27	11	-	-	6	-	17	36.7	27.1
PROTECTIVE SERVICE OCCUPATIONS	-	-	16	-	6	5	15	9	50	-	81.6	100.0
FIREFIGHTING OCCUPATIONS	-	-	-	-	-	-	10	-	5	-	100.0	-
POLICE AND DETECTIVES, PUBLIC SERVICE	-	-	-	-	-	-	-	-	15	-	100.0	-
GUARDS	-	-	16	-	6	5	5	9	30	-	71.9	100.0
OTHER PROTECTIVE SERVICE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	1 079	225	542	156	770	533	335	236	224	185	45.1	71.5
FOOD PREPARATION AND SERVICE OCCUPATIONS	999	84	447	81	692	296	266	123	169	77	43.8	75.0
WAITERS AND FOOD COUNTER WORKERS	103	22	88	53	195	141	73	60	40	35	61.7	75.9
COOKS	626	22	201	28	244	22	51	19	85	26	31.5	57.3
HEALTH SERVICE OCCUPATIONS	10	57	17	44	-	115	17	79	32	68	64.5	72.2
NURSING AIDES, ORDERLIES, AND ATTENDANTS	10	57	-	44	-	86	12	66	26	51	79.2	66.8
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	53	19	63	6	55	31	34	-	7	-	45.3	55.4
PERSONAL SERVICE OCCUPATIONS	17	65	15	25	23	91	18	34	16	40	64.0	64.7
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	-	26	-	-	-	36	-	-	-	8	-	62.9
FARMING, FORESTRY, AND FISHING OCCUPATIONS	-	-	10	-	17	-	8	-	-	4	71.4	100.0
FARM OPERATORS AND MANAGERS	-	-	-	-	7	-	-	-	-	-	100.0	-
FARM OCCUPATIONS, EXCEPT MANAGERIAL	-	-	-	-	-	-	-	-	-	4	-	100.0
RELATED AGRICULTURAL OCCUPATIONS	-	-	10	-	10	-	8	-	-	-	64.3	-
FORESTRY AND FISHING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	74	115	69	44	214	109	94	46	183	48	77.4	56.1
MECHANICS AND REPAIRERS	13	-	41	-	80	7	40	-	11	13	70.8	100.0
AUTOMOBILE MECHANICS, INCLUDING BODY	-	-	28	-	15	-	7	-	6	-	50.0	-
AIRCRAFT MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER MECHANICS AND REPAIRERS	13	-	13	-	65	7	33	-	5	13	79.8	100.0
CONSTRUCTION TRADES	5	-	13	6	37	7	13	-	28	-	81.3	53.8
CARPENTERS	-	-	7	-	-	-	-	-	7	-	50.0	-
ELECTRICIANS	-	-	-	-	14	-	5	-	-	-	100.0	-
PAINTERS, CONSTRUCTION AND MAINTENANCE	5	-	6	6	6	7	-	-	-	-	35.3	53.8
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	-	-	-	-	10	-	-	-	5	-	100.0	-
OTHER CONSTRUCTION TRADES	-	-	-	-	7	-	8	-	16	-	100.0	-
EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	56	115	15	38	97	95	41	46	144	35	79.9	53.5
SUPERVISORS, PRODUCTION OCCUPATIONS	-	6	-	10	13	15	7	24	100	24	100.0	79.7
MANUFACTURING	-	6	-	-	8	15	-	24	72	-	100.0	86.7
PRECISION METALWORKING OCCUPATIONS	21	3	15	-	43	7	23	-	26	-	71.9	70.0
TOOL AND DIE MAKERS	-	-	-	-	-	-	-	-	2	-	100.0	-
MACHINISTS	13	3	15	-	38	7	23	-	18	-	73.8	70.0
SHEET METAL WORKERS	8	-	-	-	-	-	-	-	-	-	-	-
OTHER PRECISION METAL WORKERS	-	-	-	-	5	-	-	-	6	-	100.0	-
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	7	47	-	11	21	-	-	3	-	5	75.0	12.1
PLANT AND SYSTEM OPERATORS	9	-	-	-	20	-	4	-	-	-	72.7	-
OTHER PRECISION PRODUCTION OCCUPATIONS	19	59	-	17	-	73	7	19	18	6	56.8	56.3

TABLE 223. OCCUPATION OF EMPLOYED PERSONS BY YEARS OF SCHOOL COMPLETED, RACE, SPANISH ORIGIN, AND SEX: 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

	YEARS OF SCHOOL COMPLETED										PERCENT HIGH SCHOOL GRADUATES	
	ELEMENTARY		HIGH SCHOOL				COLLEGE					
	0 TO 8 YEARS		1 TO 3 YEARS		4 YEARS		1 TO 3 YEARS		4 OR MORE YEARS			
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
ASIAN AND PACIFIC ISLANDER												
OPERATORS, FABRICATORS, AND LABORERS	166	1 175	150	331	240	814	201	185	152	139	65.2	43.0
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	110	1 109	84	305	197	776	116	159	107	117	68.4	42.7
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	89	987	57	194	113	494	63	93	78	51	63.5	35.1
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	8	8	-	-	12	5	6	-	-	-	69.2	38.5
PRINTING MACHINE OPERATORS	-	-	19	-	17	4	-	24	20	-	66.1	100.0
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	39	872	5	162	17	376	14	23	18	45	52.7	30.0
TEXTILE MACHINE OPERATORS	13	6	-	-	-	7	14	-	-	6	51.9	68.4
TEXTILE SEWING MACHINE OPERATORS	-	835	-	150	4	325	-	20	-	30	100.0	27.6
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	7	13	5	-	-	17	-	3	18	-	60.0	60.6
OTHER SPECIFIED MACHINE OPERATORS	21	37	12	-	7	30	24	29	14	6	57.7	63.7
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	21	70	21	32	60	79	19	17	26	-	71.4	48.5
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	-	19	-	7	16	10	19	5	11	-	100.0	36.6
MACHINE OPERATORS, NOT SPECIFIED	21	51	21	25	44	69	-	12	15	-	58.4	51.6
INDUSTRY:												
MANUFACTURING	21	70	15	25	43	79	19	17	26	-	71.0	50.3
NONDURABLE GOODS	14	38	7	7	14	35	-	6	5	-	47.5	47.7
FOOD AND KINDRED PRODUCTS	-	-	-	-	-	-	-	-	-	-	-	-
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	8	14	-	-	-	-	-	6	-	-	-	30.0
PAPER AND ALLIED PRODUCTS	-	13	7	-	-	22	-	-	-	-	-	62.9
OTHER NONDURABLE GOODS	6	11	-	7	14	13	-	-	5	-	76.0	41.9
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	7	32	8	18	29	44	19	11	21	-	82.1	52.4
METAL INDUSTRIES	-	-	-	-	-	-	-	-	5	-	100.0	-
MACHINERY, INCLUDING ELECTRICAL	-	24	8	12	7	29	19	6	16	-	84.0	49.3
TRANSPORTATION EQUIPMENT	7	-	-	-	6	-	-	-	-	-	46.2	-
OTHER DURABLE GOODS	-	8	-	6	16	15	-	5	-	-	100.0	58.8
NONMANUFACTURING INDUSTRIES	-	-	6	7	17	-	-	-	-	-	73.9	-
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	-	-	-	9	-	-	-	-	-	100.0	-
WHOLESALE AND RETAIL TRADE	-	-	-	7	-	-	-	-	-	-	-	-
ALL OTHER INDUSTRIES	-	-	6	-	8	-	-	-	-	-	57.1	-
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	21	99	22	62	63	229	35	44	15	58	72.4	67.3
WELDERS AND CUTTERS	-	18	11	-	12	-	8	-	6	-	70.3	-
ASSEMBLERS	15	63	7	54	51	214	27	44	7	58	79.4	73.0
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	6	18	4	8	-	15	-	-	2	-	16.7	36.6
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	-	23	5	49	21	53	18	22	14	8	91.4	53.5
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	9	13	30	6	35	-	56	-	6	5	71.3	20.8
MOTOR VEHICLE OPERATORS	9	-	30	6	35	-	50	-	-	5	68.5	45.5
TRUCK DRIVERS AND DRIVER-SALES WORKERS	9	-	25	-	27	-	35	-	-	-	64.6	-
BUS DRIVERS	-	-	-	6	-	-	-	-	-	5	-	45.5
RAIL AND WATER TRANSPORTATION OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	-	13	-	-	-	-	6	-	6	-	100.0	-
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	47	53	36	20	8	38	29	26	39	17	47.8	52.6
CONSTRUCTION LABORERS	11	-	-	-	-	-	6	-	-	-	35.3	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	12	-	11	15	-	7	10	4	18	8	54.9	55.9
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	-	-	7	-	8	-	5	-	-	-	65.0	-
HAND PACKERS AND PACKAGERS	-	29	8	-	-	31	-	11	16	5	66.7	61.8
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	7	19	-	-	-	-	8	11	-	-	53.3	36.7
LABORERS, EXCEPT CONSTRUCTION	17	5	10	5	-	-	-	-	5	4	15.6	28.6
MANUFACTURING	-	5	5	-	-	-	-	-	-	-	-	-
NONDURABLE GOODS	-	5	5	-	-	-	-	-	-	-	-	-
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	-	-	-	-	-	-	-	-	-	-	-	-
METAL INDUSTRIES	-	-	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING INDUSTRIES	17	-	5	5	-	-	-	-	5	4	18.5	44.4
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	-	-	-	5	-	-	-	-	-	-	-	-
ALL OTHER INDUSTRIES	17	-	5	-	-	-	-	-	5	4	18.5	100.0

TABLE 223. OCCUPATION OF EMPLOYED PERSONS BY YEARS OF SCHOOL COMPLETED, RACE, SPANISH ORIGIN, AND SEX: 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

	YEARS OF SCHOOL COMPLETED										PERCENT HIGH SCHOOL GRADUATES	
	ELEMENTARY		HIGH SCHOOL				COLLEGE					
	0 TO 8 YEARS		1 TO 3 YEARS		4 YEARS		1 TO 3 YEARS		4 OR MORE YEARS			
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
SPANISH ORIGIN												
EMPLOYED PERSONS 16 YEARS AND OVER	6 759	4 514	5 290	3 854	6 723	5 388	3 147	3 287	3 457	2 563	52.5	57.3
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	217	223	267	153	439	513	798	662	2 307	1 684	88.0	88.4
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	107	26	156	47	221	204	345	250	635	337	82.0	91.6
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	30	-	9	10	-	21	32	8	25	32	59.4	85.9
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	7	-	13	-	-	6	-	6	64	45	76.2	100.0
MANAGERS, MEDICINE AND HEALTH	-	-	-	9	-	-	14	9	-	-	100.0	50.0
OTHER SPECIFIED MANAGERS	13	-	20	-	53	43	95	23	30	33	84.4	100.0
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	24	26	79	7	91	94	152	147	291	79	83.8	90.7
MANUFACTURING	7	6	5	-	10	8	26	21	90	10	91.3	86.7
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	6	8	-	-	-	30	-	27	-	87.7	-
WHOLESALE AND RETAIL TRADE	17	-	20	-	51	19	27	10	37	6	75.7	100.0
ALL OTHER INDUSTRIES	-	14	46	7	30	67	69	116	137	63	83.7	92.1
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	20	-	19	12	18	-	-	-	-	-	31.6	-
CONSTRUCTION	-	-	2	-	-	-	-	-	-	-	-	-
MANUFACTURING	-	-	-	-	11	-	-	-	-	-	100.0	-
WHOLESALE AND RETAIL TRADE	20	-	17	6	7	-	-	-	-	-	15.9	-
ALL OTHER INDUSTRIES	-	-	-	6	-	-	-	-	-	-	-	-
MANAGEMENT RELATED OCCUPATIONS	13	-	16	9	59	40	52	57	225	148	92.1	96.5
ACCOUNTANTS AND AUDITORS	7	-	8	-	5	8	30	11	110	19	90.6	100.0
BUYERS AND PURCHASING AGENTS	-	-	-	-	6	-	5	7	5	-	100.0	100.0
PROFESSIONAL SPECIALTY OCCUPATIONS	110	197	111	106	218	309	453	412	1 672	1 347	91.4	87.2
ENGINEERS, ARCHITECTS, AND SURVEYORS	12	-	22	4	27	5	106	4	333	21	93.2	88.2
ARCHITECTS	-	-	-	-	-	-	-	-	24	7	100.0	100.0
ENGINEERS	12	-	22	4	27	5	106	4	309	14	92.9	85.2
ELECTRICAL AND ELECTRONIC ENGINEERS	6	-	-	-	-	-	17	-	107	-	95.4	-
MECHANICAL ENGINEERS	-	-	4	-	-	-	44	-	33	-	95.1	-
OTHER ENGINEERS	6	-	18	4	27	5	45	4	169	14	90.9	85.2
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	7	-	-	-	-	14	29	40	37	19	90.4	100.0
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	7	-	-	-	-	7	18	19	20	11	84.4	100.0
NATURAL SCIENTISTS	-	6	13	-	-	-	7	-	48	11	80.9	64.7
HEALTH DIAGNOSING OCCUPATIONS	-	-	-	-	4	-	-	12	246	34	100.0	100.0
PHYSICIANS	-	-	-	-	-	-	-	-	198	14	100.0	100.0
DENTISTS	-	-	-	-	-	-	-	12	25	20	100.0	100.0
OTHER HEALTH DIAGNOSING PRACTITIONERS	-	-	-	-	4	-	-	-	23	-	100.0	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	-	61	-	-	27	66	5	106	44	161	100.0	84.5
REGISTERED NURSES	-	16	-	-	7	21	5	98	10	98	100.0	93.1
PHARMACISTS	-	12	-	-	-	10	-	-	6	19	100.0	70.7
THERAPISTS	-	7	-	-	7	14	-	-	28	37	100.0	87.9
TEACHERS, LIBRARIANS, AND COUNSELORS	37	99	6	48	41	113	62	150	588	876	94.1	88.6
TEACHERS, POSTSECONDARY	28	16	6	6	-	10	4	33	216	231	86.6	92.6
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	4	55	-	28	11	71	18	77	169	424	98.0	87.3
TEACHERS, SECONDARY	-	13	-	-	21	-	-	26	82	148	100.0	93.0
SOCIAL SCIENTISTS AND URBAN PLANNERS	-	-	-	13	8	7	8	5	36	39	100.0	79.7
SOCIAL AND RECREATION WORKERS	24	19	18	30	66	52	81	37	138	126	87.2	81.4
RELIGIOUS WORKERS	-	-	18	-	3	-	-	5	51	-	75.0	100.0
LAWYERS AND JUDGES	-	-	-	-	-	-	11	-	66	26	100.0	100.0
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	30	12	34	11	42	52	144	53	85	34	80.9	85.8
TECHNICAL,SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	488	473	470	1 068	1 258	2 191	953	1 643	501	644	73.9	74.4
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	38	50	43	24	271	109	293	126	101	118	89.1	82.7
HEALTH TECHNOLOGISTS AND TECHNICIANS	-	25	-	11	44	67	33	84	26	34	100.0	83.7
LICENSED PRACTICAL NURSES	-	7	-	3	-	43	-	43	-	-	-	89.6
ENGINEERING AND SCIENCE TECHNICIANS	38	12	29	-	134	42	212	25	22	18	84.6	87.6
ELECTRICAL AND ELECTRONIC TECHNICIANS	22	-	24	-	77	11	143	-	-	3	82.7	100.0
DRAFTING AND SURVEYING TECHNICIANS	6	6	-	-	24	-	38	-	8	3	92.1	33.3
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	-	13	14	13	93	-	48	17	53	66	93.3	76.1
AIRPLANE PILOTS AND NAVIGATORS	-	-	3	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	-	-	-	13	41	-	33	9	18	13	100.0	62.9
SALES OCCUPATIONS	147	81	239	300	282	294	171	250	167	125	61.6	63.7
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	39	6	29	13	44	19	59	33	50	6	69.2	75.3
SELF-EMPLOYED	20	6	7	9	12	6	14	1	15	6	60.3	46.4
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	13	13	15	5	38	20	6	33	23	59	70.5	86.2
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	-	-	12	-	17	6	9	7	73	6	89.2	100.0
SALES WORKERS, RETAIL AND PERSONAL SERVICES	95	62	183	282	183	249	97	177	21	54	52.0	58.3
CASHIERS	10	26	32	170	70	97	24	97	2	6	69.6	50.5
SALES RELATED OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 223. OCCUPATION OF EMPLOYED PERSONS BY YEARS OF SCHOOL COMPLETED, RACE, SPANISH ORIGIN, AND SEX: 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

	YEARS OF SCHOOL COMPLETED										PERCENT HIGH SCHOOL GRADUATES	
	ELEMENTARY		HIGH SCHOOL				COLLEGE					
	0 TO 8 YEARS		1 TO 3 YEARS		4 YEARS		1 TO 3 YEARS		4 OR MORE YEARS			
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
SPANISH ORIGIN												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	303	342	188	744	705	1 788	489	1 267	233	401	74.4	76.1
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	29	-	-	13	46	78	36	76	9	13	75.8	92.8
COMPUTER EQUIPMENT OPERATORS	2	-	-	-	43	14	65	14	15	4	98.4	100.0
SECRETARIES, STENOGRAPHERS, AND TYPISTS	21	109	-	213	23	439	20	541	-	94	67.2	76.9
SECRETARIES	21	70	-	137	-	273	14	431	-	79	40.0	79.1
RECEPTIONISTS	-	23	5	19	23	94	-	9	-	34	82.1	76.5
FILE CLERKS	7	33	-	72	2	71	-	39	-	-	22.2	51.2
FINANCIAL RECORDS PROCESSING OCCUPATIONS	10	22	14	42	48	186	29	96	16	72	79.5	84.7
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	-	13	7	19	26	114	23	89	16	57	90.3	89.0
TELEPHONE OPERATORS	-	-	-	6	-	40	-	13	-	-	-	89.8
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	17	10	33	13	83	11	22	21	23	-	71.9	58.2
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	140	39	69	-	205	52	66	10	33	16	59.3	66.7
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	-	-	-	-	9	22	3	6	9	-	100.0	100.0
BANK TELLERS	-	-	-	15	20	72	10	15	9	7	100.0	86.2
DATA-ENTRY KEYERS	-	9	-	17	-	122	-	41	-	9	-	86.9
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	77	97	67	334	203	587	238	386	119	152	79.5	72.3
SERVICE OCCUPATIONS	918	914	948	988	1 054	1 005	442	555	186	127	47.4	47.0
PRIVATE HOUSEHOLD OCCUPATIONS	13	104	8	39	6	49	-	29	-	-	22.2	35.3
PROTECTIVE SERVICE OCCUPATIONS	84	11	72	40	253	54	120	50	44	19	72.8	70.7
FIREFIGHTING OCCUPATIONS	-	-	5	-	17	-	53	-	12	-	94.3	-
POLICE AND DETECTIVES, PUBLIC SERVICE	5	11	9	15	36	7	25	6	10	10	83.5	46.9
GUARDS	73	-	58	25	177	47	11	44	15	9	60.8	80.0
OTHER PROTECTIVE SERVICE OCCUPATIONS	6	-	-	-	23	-	31	-	7	-	91.0	-
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	821	799	868	909	795	902	322	476	142	108	42.7	46.5
FOOD PREPARATION AND SERVICE OCCUPATIONS	250	110	334	215	321	281	149	176	58	9	47.5	58.9
WAITERS AND FOOD COUNTER WORKERS	9	23	14	95	42	99	36	92	-	-	77.2	61.8
COOKS	72	41	149	22	144	47	34	36	34	9	49.0	59.4
HEALTH SERVICE OCCUPATIONS	72	165	81	345	64	374	27	188	26	50	43.3	54.5
NURSING AIDES, ORDERLIES, AND ATTENDANTS	50	149	62	273	46	317	27	145	7	40	41.7	54.3
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	406	336	430	165	359	77	115	6	13	17	36.8	16.6
PERSONAL SERVICE OCCUPATIONS	93	188	23	184	51	170	31	106	45	32	52.3	45.3
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	53	46	8	17	16	59	-	8	6	-	26.5	51.5
FARMING, FORESTRY, AND FISHING OCCUPATIONS	246	45	125	26	56	8	20	-	12	-	19.2	10.1
FARM OPERATORS AND MANAGERS	17	-	9	-	4	8	-	-	7	-	29.7	100.0
FARM OCCUPATIONS, EXCEPT MANAGERIAL	111	30	71	26	17	-	1	-	5	-	11.2	-
RELATED AGRICULTURAL OCCUPATIONS	70	15	39	-	35	-	13	-	-	-	30.6	-
FORESTRY AND FISHING OCCUPATIONS	48	-	6	-	-	-	6	-	-	-	10.0	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	1 128	336	796	132	1 329	281	386	91	174	17	49.5	45.4
MECHANICS AND REPAIRERS	372	19	224	-	485	16	108	10	32	-	51.2	57.8
AUTOMOBILE MECHANICS, INCLUDING BODY	185	-	119	-	103	-	15	-	3	-	28.5	-
AIRCRAFT MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	-	-	-	-	50	-	3	-	5	-	100.0	-
OTHER MECHANICS AND REPAIRERS	187	19	105	-	332	16	90	10	24	-	60.4	57.8
CONSTRUCTION TRADES	276	16	238	-	207	15	91	-	58	-	40.9	48.4
CARPENTERS	76	-	43	-	64	-	13	-	11	-	42.5	-
ELECTRICIANS	-	9	17	-	12	7	15	-	15	-	71.2	43.8
PAINTERS, CONSTRUCTION AND MAINTENANCE	93	7	78	-	28	8	5	-	17	-	22.6	53.3
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	30	-	16	-	57	-	-	-	-	-	55.3	-
OTHER CONSTRUCTION TRADES	77	-	84	-	46	-	58	-	15	-	42.5	-
EXTRACTIVE OCCUPATIONS	4	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	476	301	334	132	637	250	187	81	84	17	52.9	44.6
SUPERVISORS, PRODUCTION OCCUPATIONS	91	81	94	48	171	83	61	36	67	-	61.8	48.0
MANUFACTURING	91	81	76	48	165	73	48	36	53	-	61.4	45.8
PRECISION METALWORKING OCCUPATIONS	106	82	134	4	250	29	76	15	13	6	58.5	36.8
TOOL AND DIE MAKERS	11	-	15	-	35	-	4	-	-	-	60.0	-
MACHINISTS	78	48	98	-	201	23	65	7	5	6	60.6	42.9
SHEET METAL WORKERS	-	-	16	-	8	-	-	-	-	-	33.3	-
OTHER PRECISION METAL WORKERS	17	34	5	4	6	6	7	8	8	-	48.8	26.9
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	73	77	28	35	34	47	7	6	-	-	28.9	32.1
PLANT AND SYSTEM OPERATORS	-	-	6	-	15	-	10	-	-	-	80.6	-
OTHER PRECISION PRODUCTION OCCUPATIONS	206	61	72	45	167	91	33	24	4	11	42.3	54.3

TABLE 223. OCCUPATION OF EMPLOYED PERSONS BY YEARS OF SCHOOL COMPLETED, RACE, SPANISH ORIGIN, AND SEX: 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

	YEARS OF SCHOOL COMPLETED										PERCENT HIGH SCHOOL GRADUATES	
	ELEMENTARY		HIGH SCHOOL				COLLEGE					
	0 TO 8 YEARS		1 TO 3 YEARS		4 YEARS		1 TO 3 YEARS		4 OR MORE YEARS			
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
SPANISH ORIGIN												
OPERATORS, FABRICATORS, AND LABORERS	3 762	2 523	2 684	1 487	2 587	1 390	548	336	277	91	34.6	31.2
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	2 791	2 201	1 786	1 199	1 785	1 205	314	279	196	76	33.4	31.5
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	2 265	1 558	1 288	793	1 305	692	195	218	97	36	31.0	28.7
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	165	31	95	26	118	-	9	-	15	-	35.3	-
PRINTING MACHINE OPERATORS	45	25	44	-	89	4	-	6	15	-	53.9	28.6
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	636	858	306	330	199	284	26	87	-	30	19.3	25.2
TEXTILE MACHINE OPERATORS	264	70	117	24	87	15	8	-	-	-	20.0	13.8
TEXTILE SEWING MACHINE OPERATORS	43	555	28	206	16	191	10	43	-	9	26.8	24.2
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	73	79	48	37	26	-	-	30	-	-	17.7	20.5
OTHER SPECIFIED MACHINE OPERATORS	545	215	205	87	261	159	85	21	-	-	31.6	37.3
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	874	429	638	350	638	245	75	104	67	6	34.0	31.3
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	157	131	86	83	121	64	28	21	11	-	39.7	28.4
MACHINE OPERATORS, NOT SPECIFIED	717	298	552	267	517	181	47	83	56	6	32.8	32.3
INDUSTRY:												
MANUFACTURING	851	429	604	342	612	229	75	95	59	6	33.9	30.0
NONDURABLE GOODS	366	200	268	135	285	87	40	23	25	6	35.6	25.7
FOOD AND KINDRED PRODUCTS	79	24	43	3	50	-	-	-	-	-	29.1	-
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	6	79	55	11	63	21	9	6	-	-	54.1	23.1
PAPER AND ALLIED PRODUCTS	113	24	22	20	63	25	13	8	11	-	39.2	42.9
OTHER NONDURABLE GOODS	168	73	148	101	109	41	18	9	14	6	30.9	24.3
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	485	229	336	207	327	142	35	72	34	-	32.5	32.9
METAL INDUSTRIES	184	26	81	54	39	20	-	5	-	-	12.8	23.8
MACHINERY, INCLUDING ELECTRICAL	85	120	95	103	129	87	7	47	13	-	45.3	37.5
TRANSPORTATION EQUIPMENT	24	-	33	15	30	-	6	-	-	-	38.7	-
OTHER DURABLE GOODS	192	83	127	35	129	35	22	20	21	-	35.0	31.8
NONMANUFACTURING INDUSTRIES	23	-	34	8	26	16	-	9	8	-	37.4	75.8
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	-	-	-	6	-	-	-	-	-	100.0	-
WHOLESALE AND RETAIL TRADE	15	-	4	8	10	1	-	-	-	-	34.5	11.1
ALL OTHER INDUSTRIES	8	-	30	-	10	15	-	9	8	-	32.1	100.0
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	464	502	392	299	356	409	70	37	42	40	35.3	37.8
WELDERS AND CUTTERS	87	31	89	7	49	6	20	-	-	-	28.2	13.6
ASSEMBLERS	356	409	248	238	280	370	46	37	42	34	37.9	40.5
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	21	62	55	54	27	33	4	-	-	6	29.0	25.2
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	62	141	106	107	124	104	49	24	57	-	57.8	34.0
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	346	41	342	50	372	44	145	15	24	15	44.0	44.8
MOTOR VEHICLE OPERATORS	183	-	246	24	275	28	94	15	4	15	46.5	70.7
TRUCK DRIVERS AND DRIVER-SALES WORKERS	140	-	166	-	158	9	57	-	4	15	41.7	100.0
BUS DRIVERS	39	-	34	16	100	19	17	15	-	-	61.6	68.0
RAIL AND WATER TRANSPORTATION OCCUPATIONS	26	-	-	3	26	-	4	-	11	-	61.2	-
MATERIAL MOVING EQUIPMENT OPERATORS	137	41	96	23	71	16	47	-	9	-	35.3	20.0
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	6	-	6	-	-	-	6	-	-	-	33.3	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	625	281	556	238	430	141	89	42	57	-	32.8	26.1
CONSTRUCTION LABORERS	83	5	48	-	41	-	-	-	-	-	23.8	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	199	6	205	70	79	5	16	8	17	-	21.7	14.6
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	7	6	48	-	11	11	7	-	-	-	24.7	64.7
HAND PACKERS AND PACKAGERS	132	202	61	131	82	119	21	6	25	-	39.9	27.3
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	42	7	56	7	55	-	9	5	-	-	39.5	26.3
LABORERS, EXCEPT CONSTRUCTION	162	55	138	30	162	6	36	23	15	-	41.5	25.4
MANUFACTURING	120	49	79	14	113	-	28	8	15	-	43.9	11.3
NONDURABLE GOODS	68	23	44	7	37	-	-	-	9	-	29.1	-
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	52	26	35	7	76	-	28	8	6	-	55.8	19.5
METAL INDUSTRIES	36	-	19	-	18	-	-	-	-	-	24.7	-
NONMANUFACTURING INDUSTRIES	42	6	59	16	49	6	8	15	-	-	36.1	48.8
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	16	-	7	5	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	16	6	23	11	4	-	-	-	-	-	9.3	-
ALL OTHER INDUSTRIES	10	-	29	-	45	6	8	15	-	-	57.6	100.0