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

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

OHIO

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
MALES 16 YEARS AND OVER	2 663 213	2 148 693	322 325	77 990	73 230	171 105	186 885	5 310	82 260	242 598	1 330 941	928 005
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	584 899	408 420	124 551	19 767	34 990	69 794	51 432	496	11 179	27 763	268 717	267 191
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	319 042	252 504	42 789	10 478	11 909	20 402	23 383	366	3 811	10 557	136 761	163 069
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	9 457	6	9 451	2 594	1 903	4 954	-	-	208	368	5 901	2 888
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	11 143	2 276	8 833	65	2 264	6 504	22	12	151	323	4 041	6 510
MANAGERS, MEDICINE AND HEALTH	2 569	1 674	848	52	422	374	47	-	15	110	1 167	1 225
OTHER SPECIFIED MANAGERS	60 966	56 087	2 673	1 492	527	654	2 146	60	482	1 264	25 675	32 709
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	150 416	142 448	7 968	1 819	2 153	3 996	-	-	1 408	4 299	57 368	84 988
MANUFACTURING	50 854	50 792	62	30	5	27	-	-	291	687	21 235	27 923
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	11 856	10 367	1 489	692	84	713	-	-	53	231	5 462	5 886
WHOLESALE AND RETAIL TRADE	42 162	42 011	151	37	91	23	-	-	407	1 390	11 160	28 547
ALL OTHER INDUSTRIES	45 544	39 278	6 266	1 060	1 973	3 233	-	-	657	1 991	19 511	22 632
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	16 853	-	-	-	-	-	16 582	271	497	1 476	4 210	10 181
CONSTRUCTION	3 092	-	-	-	-	-	3 077	15	145	512	1 208	1 091
MANUFACTURING	1 920	-	-	-	-	-	1 893	27	32	162	487	1 182
WHOLESALE AND RETAIL TRADE	6 835	-	-	-	-	-	6 657	178	121	363	1 280	4 929
ALL OTHER INDUSTRIES	5 006	-	-	-	-	-	4 955	51	199	439	1 235	2 979
MANAGEMENT RELATED OCCUPATIONS	67 638	50 013	13 016	4 456	4 640	3 920	4 586	23	1 050	2 717	38 399	24 568
ACCOUNTANTS AND AUDITORS	27 455	21 522	3 211	1 135	1 385	691	2 715	7	375	1 057	14 921	10 790
BUYERS AND PURCHASING AGENTS	11 937	10 813	696	374	150	172	424	4	131	379	6 535	4 762
PROFESSIONAL SPECIALTY OCCUPATIONS	265 857	155 916	81 762	9 289	23 081	49 392	28 049	130	7 368	17 206	131 956	104 122
ENGINEERS, ARCHITECTS, AND SURVEYORS	70 788	61 401	7 466	4 392	1 225	1 849	1 918	3	414	1 900	45 394	21 975
ARCHITECTS	3 227	2 295	178	33	72	73	751	3	34	188	1 545	1 394
ENGINEERS	66 744	58 531	7 138	4 341	1 111	1 686	1 075	-	372	1 655	43 294	20 397
ELECTRICAL AND ELECTRONIC ENGINEERS	11 907	10 867	957	820	65	72	83	-	67	288	8 056	3 356
MECHANICAL ENGINEERS	13 396	12 815	403	300	70	33	178	-	69	337	8 212	4 567
OTHER ENGINEERS	41 441	34 849	5 778	3 221	976	1 581	814	-	236	1 030	27 026	12 474
SURVEYORS AND MAPPING SCIENTISTS	817	575	150	18	42	90	92	-	8	57	555	184
MATHEMATICAL AND COMPUTER SCIENTISTS	9 503	7 711	1 699	1 131	369	199	93	-	23	288	6 465	2 615
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	6 419	5 334	1 001	640	233	128	84	-	23	187	4 269	1 874
NATURAL SCIENTISTS	9 290	6 459	2 611	1 010	1 148	453	220	-	79	356	6 389	2 298
HEALTH DIAGNOSING OCCUPATIONS	24 468	13 266	1 959	452	1 003	504	9 243	-	242	1 867	6 120	15 674
PHYSICIANS	15 973	10 427	1 762	383	893	486	3 784	-	123	614	2 559	12 349
DENTISTS	5 040	1 890	86	38	40	8	3 064	-	79	781	2 318	1 670
OTHER HEALTH DIAGNOSING PRACTITIONERS	3 455	949	111	31	70	10	2 395	-	40	472	1 243	1 655
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	10 474	8 031	1 808	295	657	856	633	2	271	861	4 399	4 740
REGISTERED NURSES	1 792	1 407	347	67	153	127	38	-	23	176	994	566
PHARMACISTS	5 245	4 479	326	96	165	65	440	-	171	412	1 588	2 967
THERAPISTS	2 291	1 600	591	71	286	234	100	-	45	191	1 426	596
TEACHERS, LIBRARIANS, AND COUNSELORS	70 654	15 243	54 677	504	14 707	39 466	717	17	3 480	6 094	34 293	24 989
TEACHERS, POSTSECONDARY	16 602	4 904	11 698	82	10 937	679	-	-	1 278	2 819	5 237	6 327
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	24 734	3 205	21 529	72	1 013	20 444	-	-	710	1 377	14 120	8 174
TEACHERS, SECONDARY	18 722	2 669	16 053	33	612	15 408	-	-	466	628	9 818	7 470
SOCIAL SCIENTISTS AND URBAN PLANNERS	5 373	3 348	1 690	285	498	907	335	-	90	281	2 951	1 953
SOCIAL AND RECREATION WORKERS	6 752	1 809	4 876	336	1 400	3 140	65	2	127	420	4 529	1 579
RELIGIOUS WORKERS	12 804	10 755	123	40	44	39	1 926	-	325	910	2 774	8 655
LAWYERS AND JUDGES	17 877	6 672	2 956	479	879	1 598	8 243	6	455	1 035	5 952	10 096
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	27 874	21 221	1 897	365	1 151	381	4 656	100	1 862	3 194	12 690	9 548
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	456 339	367 776	57 240	33 431	12 582	11 227	30 745	578	15 596	38 582	225 751	165 647
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	72 547	59 123	12 416	5 139	3 914	3 363	953	55	1 567	4 528	45 490	19 462
HEALTH TECHNOLOGISTS AND TECHNICIANS	6 060	4 353	1 594	406	465	723	104	9	154	622	3 406	1 747
LICENSED PRACTICAL NURSES	399	298	90	20	42	28	11	-	5	34	257	66
ENGINEERING AND SCIENCE TECHNICIANS	43 845	38 645	4 667	1 956	1 431	1 280	531	2	766	2 072	28 149	11 949
ELECTRICAL AND ELECTRONIC TECHNICIANS	7 938	6 557	1 319	1 052	151	116	62	-	69	326	4 981	2 457
DRAFTING AND SURVEYING TECHNICIANS	16 382	14 774	1 336	213	427	696	272	-	224	862	10 418	4 606
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	22 642	16 125	6 155	2 777	2 018	1 360	318	44	647	1 834	13 935	5 766
AIRPLANE PILOTS AND NAVIGATORS	1 506	1 439	47	19	21	7	20	-	79	233	631	494
COMPUTER PROGRAMMERS	8 955	7 452	1 396	706	422	268	107	-	159	438	5 947	2 298
SALES OCCUPATIONS	211 323	179 978	2 150	372	1 386	392	28 808	387	8 610	19 853	79 706	98 629
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	43 083	33 181	463	76	332	55	9 365	74	407	1 330	11 857	28 732
SELF-EMPLOYED	9 439	-	-	-	-	-	9 365	74	191	501	1 793	6 778
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	46 508	36 973	389	158	132	99	9 114	32	1 390	3 331	20 388	20 346
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	53 634	49 559	90	21	36	33	3 968	17	573	2 112	26 157	23 776
SALES WORKERS, RETAIL AND PERSONAL SERVICES	67 542	59 896	1 205	114	886	205	6 177	264	6 129	13 007	21 148	25 571
CASHIERS	9 560	8 704	426	14	273	139	374	56	1 035	3 713	2 821	1 635
SALES RELATED OCCUPATIONS	556	369	3	3	-	-	184	-	111	73	156	204

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

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OHIO

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	172 469	128 675	42 674	27 920	7 282	7 472	984	136	5 419	14 201	100 555	47 556
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	25 983	18 639	7 235	3 916	1 829	1 490	84	25	190	498	15 831	9 001
COMPUTER EQUIPMENT OPERATORS	7 007	6 024	969	442	299	228	14	-	117	380	4 491	1 884
SECRETARIES, STENOGRAPHERS, AND TYPISTS	2 395	1 692	666	194	201	271	32	5	231	321	1 264	526
SECRETARIES	1 558	1 274	279	74	89	116	-	5	135	213	764	410
RECEPTIONISTS	712	538	174	31	89	54	-	-	169	171	246	85
FILE CLERKS	2 232	1 738	492	163	214	115	2	-	239	276	1 146	509
FINANCIAL RECORDS PROCESSING OCCUPATIONS	10 938	9 200	1 496	626	451	419	210	32	371	1 044	6 457	2 813
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	6 882	5 741	925	343	288	294	192	24	306	740	3 956	1 698
TELEPHONE OPERATORS	880	759	113	23	52	38	8	-	28	127	553	141
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	23 704	4 679	18 948	18 285	485	178	77	-	710	1 770	13 299	7 341
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	40 474	38 200	2 216	878	705	633	49	9	955	4 183	23 503	10 351
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	2 684	2 591	51	21	30	-	42	-	7	100	1 802	713
BANK TELLERS	1 176	1 128	43	32	-	11	5	-	40	102	836	192
DATA-ENTRY KEYERS	954	768	184	110	52	22	2	-	20	83	626	204
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	53 330	42 719	10 087	3 199	2 875	4 013	459	65	2 342	5 146	30 501	13 796
SERVICE OCCUPATIONS	220 842	147 680	65 730	5 612	13 206	46 912	7 091	341	21 586	48 289	91 966	52 253
PRIVATE HOUSEHOLD OCCUPATIONS	730	730	-	-	-	-	-	-	209	179	221	78
PROTECTIVE SERVICE OCCUPATIONS	54 516	19 207	35 209	1 729	4 668	28 812	96	4	1 633	4 912	24 506	22 179
FIREFIGHTING OCCUPATIONS	7 859	47	7 812	225	64	7 523	-	-	29	92	822	6 777
POLICE AND DETECTIVES, PUBLIC SERVICE	13 919	-	13 919	383	1 126	12 410	-	-	94	169	7 330	6 077
GUARDS	22 901	17 954	4 854	891	1 508	2 455	89	4	1 424	4 368	10 697	5 723
OTHER PROTECTIVE SERVICE OCCUPATIONS	9 837	1 206	8 624	230	1 970	6 424	7	-	86	283	5 657	3 602
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	165 596	127 743	30 521	3 883	8 538	18 100	6 995	337	19 744	43 198	67 239	29 996
FOOD PREPARATION AND SERVICE OCCUPATIONS	60 483	56 245	2 540	526	1 464	550	1 485	213	10 508	25 400	14 116	8 435
WAITERS AND FOOD COUNTER WORKERS	6 071	5 869	102	11	69	22	60	40	1 093	2 849	1 364	549
COOKS	24 059	23 026	559	161	272	126	398	76	3 350	10 896	5 986	3 080
HEALTH SERVICE OCCUPATIONS	8 282	5 142	3 097	556	2 005	536	37	6	341	1 427	5 054	1 205
NURSING AIDES, ORDERLIES, AND ATTENDANTS	6 187	3 492	2 652	475	1 767	410	37	6	175	895	4 079	825
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	84 320	59 438	23 494	2 646	4 551	16 297	1 286	102	7 645	13 821	44 094	15 939
PERSONAL SERVICE OCCUPATIONS	12 511	6 918	1 390	155	518	717	4 187	16	1 250	2 550	3 975	4 417
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	6 341	2 360	50	14	18	18	3 926	5	184	782	1 922	3 337
FARMING, FORESTRY, AND FISHING OCCUPATIONS	68 477	23 840	4 157	362	1 135	2 660	38 110	2 370	4 978	10 786	17 917	33 208
FARM OPERATORS AND MANAGERS	39 160	2 851	75	-	57	18	36 234	-	2 109	4 104	7 389	24 859
FARM OCCUPATIONS, EXCEPT MANAGERIAL	13 734	10 930	242	17	135	90	266	2 296	1 391	3 459	3 056	5 551
RELATED AGRICULTURAL OCCUPATIONS	13 622	9 026	3 556	281	825	2 450	982	58	1 379	2 760	6 576	2 377
FORESTRY AND FISHING OCCUPATIONS	1 961	1 033	284	64	118	102	628	16	99	463	896	421
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	566 674	492 182	29 726	7 958	5 599	16 169	43 848	918	8 940	39 576	305 017	195 551
MECHANICS AND REPAIRERS	183 438	159 006	11 939	4 004	2 057	5 878	12 058	435	2 889	10 365	99 189	65 890
AUTOMOBILE MECHANICS, INCLUDING BODY	46 781	37 726	2 543	472	497	1 574	6 302	210	1 047	3 329	22 653	18 521
AIRCRAFT MECHANICS	1 844	1 289	536	514	9	13	19	-	15	53	1 256	451
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	6 211	5 066	272	87	130	55	843	30	169	542	3 544	1 797
OTHER MECHANICS AND REPAIRERS	128 602	114 925	8 588	2 931	1 421	4 236	4 894	195	1 658	6 441	71 736	45 121
CONSTRUCTION TRADES	163 205	126 242	9 998	2 051	2 364	5 583	26 628	337	4 351	21 045	92 646	38 734
CARPENTERS	37 218	26 125	1 351	364	348	639	9 573	169	1 537	6 207	20 321	7 620
ELECTRICIANS	28 943	25 994	1 696	605	321	770	1 245	8	331	1 394	17 176	9 108
PAINTERS, CONSTRUCTION AND MAINTENANCE	11 668	7 083	1 188	190	240	758	3 345	52	519	2 258	6 394	1 919
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	20 661	17 587	1 119	274	281	564	1 953	2	338	1 694	12 937	4 843
OTHER CONSTRUCTION TRADES	64 715	49 453	4 644	618	1 174	2 852	10 512	106	1 626	9 492	35 818	15 244
EXTRACTIVE OCCUPATIONS	8 094	7 806	58	30	10	18	227	3	35	364	3 474	3 895
PRECISION PRODUCTION OCCUPATIONS	211 937	199 128	7 731	1 873	1 168	4 690	4 935	143	1 665	7 802	109 708	87 032
SUPERVISORS, PRODUCTION OCCUPATIONS	96 770	93 244	2 531	528	382	1 621	963	32	414	1 900	47 640	44 801
MANUFACTURING	76 566	76 012	211	124	24	63	332	11	259	1 159	37 654	35 879
PRECISION METALWORKING OCCUPATIONS	71 491	69 506	1 103	761	159	183	845	37	570	3 000	37 387	28 172
TOOL AND DIE MAKERS	21 004	20 701	74	55	6	13	211	18	98	682	10 205	9 337
MACHINISTS	37 925	36 921	710	504	110	96	286	8	293	1 505	19 745	15 102
SHEET METAL WORKERS	5 151	4 887	148	116	10	22	116	-	87	382	3 362	1 158
OTHER PRECISION METAL WORKERS	7 411	6 997	171	86	33	52	232	11	92	431	4 075	2 575
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	3 279	2 087	55	16	2	37	1 130	7	130	526	1 530	1 000
PLANT AND SYSTEM OPERATORS	11 065	7 759	3 187	162	383	2 642	115	4	93	197	7 036	3 342
OTHER PRECISION PRODUCTION OCCUPATIONS	29 332	26 532	855	406	242	207	1 882	63	458	2 179	16 115	9 717

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OHIO

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	765 982	708 795	40 921	10 860	5 718	24 343	15 659	607	19 981	77 602	421 573	214 155
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	382 018	369 696	8 013	2 969	1 469	3 575	4 135	174	5 105	24 556	234 753	100 934
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	245 869	238 392	4 843	1 479	1 026	2 338	2 546	88	3 201	15 844	149 050	67 828
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	66 700	65 923	473	207	66	200	299	5	691	3 729	38 754	20 322
PRINTING MACHINE OPERATORS	17 010	16 044	476	134	226	116	490	-	293	923	11 120	4 369
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	4 929	4 110	243	30	76	137	550	26	249	698	2 472	1 382
TEXTILE MACHINE OPERATORS	1 030	970	18	-	2	16	40	2	16	67	547	371
TEXTILE SEWING MACHINE OPERATORS	548	518	14	-	6	8	16	-	10	63	351	115
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	2 692	1 986	211	30	68	113	476	19	207	439	1 221	745
OTHER SPECIFIED MACHINE OPERATORS	74 275	71 596	1 877	465	336	1 076	754	48	1 013	5 062	44 857	20 475
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	82 955	80 719	1 774	643	322	809	453	9	955	5 432	51 847	21 280
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	32 410	31 717	525	202	93	230	166	2	342	2 059	19 838	8 875
MACHINE OPERATORS, NOT SPECIFIED	50 545	49 002	1 249	441	229	579	287	7	613	3 373	32 009	12 405
INDUSTRY:												
MANUFACTURING	76 645	75 684	701	249	140	312	253	7	750	4 854	48 279	19 542
NONDURABLE GOODS	22 900	22 644	191	62	38	91	63	2	216	1 605	13 660	6 414
FOOD AND KINDRED PRODUCTS	3 144	3 090	28	11	5	12	26	-	24	213	1 585	1 233
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	570	570	-	-	-	-	-	-	16	46	362	127
PAPER AND ALLIED PRODUCTS	4 935	4 915	20	5	-	15	-	-	27	180	2 425	2 085
OTHER NONDURABLE GOODS	14 251	14 069	143	46	33	64	37	2	149	1 166	9 288	2 969
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	53 745	53 040	510	187	102	221	190	5	534	3 249	34 619	13 128
METAL INDUSTRIES	20 663	20 411	224	69	78	77	26	2	191	1 330	13 749	4 473
MACHINERY, INCLUDING ELECTRICAL	14 743	14 594	102	37	5	60	47	-	147	883	8 731	4 550
TRANSPORTATION EQUIPMENT	10 466	10 355	105	58	9	38	6	-	80	512	7 242	2 054
OTHER DURABLE GOODS	7 873	7 680	79	23	10	46	111	3	116	524	4 897	2 051
NONMANUFACTURING INDUSTRIES	6 310	5 035	1 073	394	182	497	200	2	205	578	3 568	1 738
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	1 714	1 300	410	217	15	178	4	-	41	53	1 110	449
WHOLESALE AND RETAIL TRADE	2 090	1 962	39	9	-	30	87	2	65	163	1 094	696
ALL OTHER INDUSTRIES	2 506	1 773	624	168	167	289	109	-	99	362	1 364	593
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	102 456	98 973	1 921	797	304	820	1 489	73	1 577	7 084	64 067	24 370
WELDERS AND CUTTERS	40 926	39 262	947	488	114	345	692	25	516	2 537	25 093	11 065
ASSEMBLERS	57 535	56 286	831	276	168	387	384	34	938	4 098	36 658	12 311
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	3 995	3 425	143	33	22	88	413	14	123	449	2 316	994
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	33 693	32 331	1 249	693	139	417	100	13	327	1 628	21 636	8 736
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	207 719	179 851	18 102	4 847	2 299	10 956	9 606	160	4 669	17 305	96 225	80 648
MOTOR VEHICLE OPERATORS	130 373	110 293	11 602	1 098	1 556	8 948	8 344	134	3 798	12 306	50 571	58 585
TRUCK DRIVERS AND DRIVER-SALES WORKERS	116 515	102 615	5 975	807	887	4 281	7 798	127	2 838	9 577	45 054	54 445
BUS DRIVERS	6 735	1 887	4 771	175	381	4 215	77	-	338	1 479	2 856	1 827
RAIL AND WATER TRANSPORTATION OCCUPATIONS	14 007	10 896	3 087	2 970	31	86	24	-	187	693	7 165	5 057
MATERIAL MOVING EQUIPMENT OPERATORS	63 339	58 662	3 413	779	712	1 922	1 238	26	684	4 306	38 489	17 006
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	6 196	4 836	664	71	82	511	694	2	115	685	2 895	2 281
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	176 245	159 248	14 806	3 044	1 950	9 812	1 918	273	10 207	35 741	90 595	32 573
CONSTRUCTION LABORERS	23 287	18 294	4 948	236	891	3 821	-	45	1 106	4 068	13 326	3 686
FREIGHT, STOCK, AND MATERIAL HANDLERS	55 489	51 598	3 361	1 099	230	2 032	492	38	4 118	15 732	24 595	9 050
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	14 733	14 089	163	42	28	93	444	37	1 484	5 140	4 538	3 097
HAND PACKERS AND PACKAGERS	10 430	10 048	346	148	50	148	32	4	359	1 382	6 219	2 032
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	17 017	15 975	762	186	118	458	226	54	1 150	3 188	8 718	3 222
LABORERS, EXCEPT CONSTRUCTION	55 289	49 244	5 226	1 333	633	3 260	724	95	1 990	6 231	33 199	11 486
MANUFACTURING	31 467	30 936	405	85	88	232	117	9	510	2 511	20 384	6 496
NONDURABLE GOODS	7 416	7 304	85	27	9	49	27	-	164	677	4 427	1 883
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	24 051	23 632	320	58	79	183	90	9	346	1 834	15 957	4 613
METAL INDUSTRIES	12 266	12 052	193	41	33	119	19	2	145	897	8 598	1 987
NONMANUFACTURING INDUSTRIES	23 822	18 308	4 821	1 248	545	3 028	607	86	1 480	3 720	12 815	4 990
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	5 734	3 713	1 978	593	117	1 268	41	2	138	498	3 901	979
WHOLESALE AND RETAIL TRADE	11 245	10 927	82	40	6	36	214	22	542	1 646	5 734	2 979
ALL OTHER INDUSTRIES	6 843	3 668	2 761	615	422	1 724	352	62	800	1 576	3 180	1 032

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

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

OHIO

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
FEMALES 16 YEARS AND OVER	1 895 229	1 477 911	349 135	47 774	81 603	219 758	54 948	13 235	142 585	452 417	999 653	230 982
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	388 116	219 705	152 341	10 641	27 250	114 450	14 186	1 884	25 021	67 036	212 182	71 953
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	121 559	92 975	20 733	5 413	5 903	9 417	6 325	1 526	3 551	13 981	69 615	31 459
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	3 822	12	3 810	1 056	626	2 128	-	-	200	491	2 625	410
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	6 477	2 670	3 635	91	1 185	2 359	149	23	297	739	3 301	1 975
MANAGERS, MEDICINE AND HEALTH	2 378	1 796	498	53	225	220	62	22	35	168	1 506	636
OTHER SPECIFIED MANAGERS	18 045	15 859	1 410	781	300	329	594	182	434	1 779	10 725	4 767
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	49 414	44 854	4 560	667	1 281	2 612	-	-	1 441	5 960	26 375	14 338
MANUFACTURING	5 126	5 120	6	6	-	-	-	-	75	371	3 169	1 377
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	2 744	2 600	144	51	13	80	-	-	36	136	1 793	724
WHOLESALE AND RETAIL TRADE	18 306	18 227	79	13	52	14	-	-	496	2 294	7 945	6 923
ALL OTHER INDUSTRIES	23 238	18 907	4 331	597	1 216	2 518	-	-	834	3 159	13 468	5 314
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	5 712	-	-	-	-	-	4 524	1 188	251	1 321	1 546	2 449
CONSTRUCTION	138	-	-	-	-	-	84	54	14	48	39	30
MANUFACTURING	310	-	-	-	-	-	234	76	30	68	81	126
WHOLESALE AND RETAIL TRADE	3 231	-	-	-	-	-	2 750	481	98	715	752	1 567
ALL OTHER INDUSTRIES	2 033	-	-	-	-	-	1 456	577	109	490	674	726
MANAGEMENT RELATED OCCUPATIONS	35 711	27 784	6 820	2 765	2 286	1 769	996	111	893	3 523	23 537	6 884
ACCOUNTANTS AND AUDITORS	13 852	10 787	2 620	1 084	688	848	390	55	278	1 149	9 425	2 633
BUYERS AND PURCHASING AGENTS	6 323	5 742	506	302	96	108	48	27	100	701	4 025	1 377
PROFESSIONAL SPECIALTY OCCUPATIONS	266 557	126 730	131 608	5 228	21 347	105 033	7 861	358	21 470	53 055	142 567	40 494
ENGINEERS, ARCHITECTS, AND SURVEYORS	3 039	2 770	237	124	26	87	32	-	42	174	1 938	762
ARCHITECTS	165	121	12	7	-	5	32	-	4	32	91	38
ENGINEERS	2 840	2 620	220	117	26	77	-	-	30	142	1 831	714
ELECTRICAL AND ELECTRONIC ENGINEERS	462	441	21	16	5	-	-	-	10	31	295	119
MECHANICAL ENGINEERS	233	218	15	15	-	-	-	-	-	16	141	64
OTHER ENGINEERS	2 145	1 961	184	86	21	77	-	-	20	95	1 395	531
SURVEYORS AND MAPPING SCIENTISTS	34	29	5	-	-	5	-	-	8	-	16	10
MATHEMATICAL AND COMPUTER SCIENTISTS	3 140	2 416	714	400	191	123	10	-	39	162	2 337	503
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	1 588	1 291	292	171	90	31	5	-	11	52	1 160	312
NATURAL SCIENTISTS	2 169	1 416	721	219	328	174	32	-	50	224	1 363	417
HEALTH DIAGNOSING OCCUPATIONS	2 873	1 775	634	200	266	168	455	9	158	350	1 050	1 230
PHYSICIANS	2 273	1 345	602	188	249	165	326	-	113	217	771	1 104
DENTISTS	279	198	10	-	7	3	71	-	17	56	157	36
OTHER HEALTH DIAGNOSING PRACTITIONERS	321	232	22	12	10	-	58	9	28	77	122	90
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	73 340	57 948	14 482	1 634	4 883	7 965	798	112	3 504	19 874	37 105	10 267
REGISTERED NURSES	61 101	49 935	10 583	1 321	3 511	5 751	481	102	2 756	17 671	30 021	8 420
PHARMACISTS	1 614	1 411	163	19	103	41	40	-	113	352	673	391
THERAPISTS	6 831	3 925	2 723	111	919	1 693	178	5	358	1 233	4 122	945
TEACHERS, LIBRARIANS, AND COUNSELORS	138 468	35 199	100 419	1 205	11 706	87 508	2 798	52	13 307	24 518	76 261	19 646
TEACHERS, POSTSECONDARY	8 974	3 172	5 802	51	5 168	583	-	-	1 528	2 306	2 596	1 719
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	85 523	19 639	65 614	637	2 618	62 359	270	-	6 245	14 140	50 952	11 691
TEACHERS, SECONDARY	21 918	3 881	18 037	177	693	17 167	-	-	1 521	3 062	12 796	3 910
SOCIAL SCIENTISTS AND URBAN PLANNERS	3 175	1 622	1 371	155	322	894	182	-	104	496	1 852	624
SOCIAL AND RECREATION WORKERS	15 499	4 533	10 758	832	2 654	7 272	188	20	601	2 039	10 411	2 103
RELIGIOUS WORKERS	1 916	1 712	35	-	5	30	169	-	323	419	521	608
LAWYERS AND JUDGES	2 194	968	747	133	251	363	463	16	150	376	942	674
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	20 744	16 371	1 490	326	715	449	2 734	149	3 192	4 423	8 787	3 660
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	861 992	713 445	124 071	30 639	36 110	57 322	17 636	6 840	59 965	203 544	482 352	88 947
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	63 453	51 548	11 380	1 842	4 451	5 087	470	55	2 704	13 291	37 286	7 595
HEALTH TECHNOLOGISTS AND TECHNICIANS	43 807	37 467	5 995	767	2 317	2 911	314	31	1 787	10 781	24 703	4 686
LICENSED PRACTICAL NURSES	24 075	20 464	3 329	347	1 285	1 697	270	12	751	6 615	13 320	2 141
ENGINEERING AND SCIENCE TECHNICIANS	8 142	6 931	1 150	368	593	189	57	4	472	926	5 175	1 270
ELECTRICAL AND ELECTRONIC TECHNICIANS	841	698	143	84	26	33	-	-	4	64	592	141
DRAFTING AND SURVEYING TECHNICIANS	1 906	1 734	155	43	34	78	17	-	46	248	1 236	319
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	11 504	7 150	4 235	707	1 541	1 987	99	20	445	1 584	7 408	1 639
AIRPLANE PILOTS AND NAVIGATORS	2	2	-	-	-	-	-	-	-	-	2	-
COMPUTER PROGRAMMERS	4 026	3 265	727	300	306	121	34	-	50	304	2 806	701
SALES OCCUPATIONS	220 775	201 560	4 433	525	1 554	2 354	13 018	1 764	26 846	88 451	73 810	23 226
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	18 702	15 129	193	25	134	34	3 207	173	462	2 826	8 716	6 170
SELF-EMPLOYED	3 380	-	-	-	-	-	3 207	173	184	770	997	1 378
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	25 566	21 755	238	81	52	105	3 449	124	2 708	6 766	10 698	4 347
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	7 679	7 222	16	-	16	-	344	97	398	1 366	4 200	1 485
SALES WORKERS, RETAIL AND PERSONAL SERVICES	168 012	156 731	3 977	412	1 350	2 215	5 934	1 370	23 096	77 127	50 061	11 125
CASHIERS	73 750	69 808	3 190	270	902	2 018	394	358	7 944	35 459	22 087	5 172
SALES RELATED OCCUPATIONS	816	723	9	7	2	-	84	-	182	366	135	99

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

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

OHIO

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	577 764	460 337	108 258	28 272	30 105	49 881	4 148	5 021	30 415	101 802	371 256	58 126
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	21 001	16 883	3 873	1 247	1 295	1 331	94	151	336	1 536	14 547	4 056
COMPUTER EQUIPMENT OPERATORS	10 944	9 200	1 736	517	629	590	2	6	218	1 061	7 822	1 604
SECRETARIES, STENOGRAPHERS, AND TYPISTS	213 246	165 116	44 544	8 022	13 694	22 828	1 526	2 060	9 745	35 419	144 261	18 630
SECRETARIES	179 889	144 089	32 730	5 133	9 756	17 841	1 108	1 962	7 427	29 438	122 513	16 331
RECEPTIONISTS	22 726	19 429	3 026	682	1 114	1 230	82	189	2 106	6 125	12 112	1 686
FILE CLERKS	8 836	6 947	1 860	549	611	700	2	27	820	1 850	5 334	575
FINANCIAL RECORDS PROCESSING OCCUPATIONS	86 327	75 374	7 595	1 591	2 043	3 961	1 505	1 853	4 821	15 174	53 892	10 290
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	66 891	58 232	5 400	961	1 567	2 872	1 466	1 793	4 156	12 524	40 470	8 127
TELEPHONE OPERATORS	10 930	9 668	1 217	216	374	627	33	12	499	2 044	7 319	716
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	11 439	4 450	6 924	6 279	411	234	51	14	1 441	1 940	6 067	1 552
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	16 317	14 696	1 571	969	338	264	25	25	579	2 293	10 420	2 340
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	4 321	4 235	86	22	64	-	-	-	52	338	3 284	527
BANK TELLERS	22 896	22 098	791	563	66	162	7	-	675	5 121	15 031	1 451
DATA-ENTRY KEYERS	17 645	15 274	2 342	640	1 057	645	25	4	410	2 445	12 271	2 038
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	131 136	96 967	32 693	6 975	8 409	17 309	796	680	8 713	26 456	78 896	12 661
SERVICE OCCUPATIONS	359 836	288 320	55 847	4 375	15 323	36 149	14 393	1 276	47 165	132 261	135 693	30 344
PRIVATE HOUSEHOLD OCCUPATIONS	20 593	20 554	-	-	-	-	39	-	5 867	7 311	4 725	1 858
PROTECTIVE SERVICE OCCUPATIONS	7 173	3 176	3 949	154	524	3 271	48	-	1 262	1 711	2 799	1 041
FIREFIGHTING OCCUPATIONS	95	-	95	-	12	83	-	-	13	11	12	59
POLICE AND DETECTIVES, PUBLIC SERVICE	704	-	704	8	32	664	-	-	45	66	380	193
GUARDS	5 452	3 110	2 294	116	361	1 817	48	-	1 186	1 561	1 801	640
OTHER PROTECTIVE SERVICE OCCUPATIONS	922	66	856	30	119	707	-	-	18	73	606	149
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	332 070	264 590	51 898	4 221	14 799	32 878	14 306	1 276	40 036	123 239	128 169	27 445
FOOD PREPARATION AND SERVICE OCCUPATIONS	159 732	137 076	20 327	1 227	4 638	14 462	1 651	678	22 865	71 248	45 959	13 024
WAITERS AND FOOD COUNTER WORKERS	76 819	75 221	796	147	299	350	577	225	11 993	37 513	18 513	5 726
COOKS	42 456	32 050	9 510	465	1 572	7 473	629	267	3 562	17 471	15 724	4 045
HEALTH SERVICE OCCUPATIONS	73 305	59 668	13 085	1 480	5 973	5 632	289	263	3 114	18 389	42 967	5 804
NURSING AIDES, ORDERLIES, AND ATTENDANTS	53 737	42 108	11 271	1 202	5 241	4 828	289	69	2 085	12 875	32 221	4 054
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	48 234	37 663	9 524	849	2 496	6 179	853	194	7 072	14 916	21 695	2 691
PERSONAL SERVICE OCCUPATIONS	50 799	30 183	8 962	665	1 692	6 605	11 513	141	6 985	18 686	17 548	5 926
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	24 204	16 261	158	17	76	65	7 727	58	2 099	10 111	8 360	2 927
FARMING, FORESTRY, AND FISHING OCCUPATIONS	12 747	5 270	599	124	242	233	4 555	2 323	1 481	3 874	3 416	3 652
FARM OPERATORS AND MANAGERS	4 158	301	5	-	4	1	3 852	-	612	1 018	859	1 555
FARM OCCUPATIONS, EXCEPT MANAGERIAL	5 788	3 284	156	41	71	44	84	2 264	379	1 962	1 647	1 653
RELATED AGRICULTURAL OCCUPATIONS	2 701	1 649	404	76	149	179	605	43	490	857	867	425
FORESTRY AND FISHING OCCUPATIONS	100	36	34	7	18	9	14	16	-	37	43	19
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	38 121	33 671	1 743	440	476	827	2 435	272	1 491	6 222	21 505	7 277
MECHANICS AND REPAIRERS	5 495	4 845	458	220	106	132	145	47	233	554	3 382	1 046
AUTOMOBILE MECHANICS, INCLUDING BODY	482	403	30	12	10	8	42	7	30	29	287	128
AIRCRAFT MECHANICS	70	64	6	6	-	-	-	-	-	7	25	31
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	48	39	9	9	-	-	-	-	-	-	42	6
OTHER MECHANICS AND REPAIRERS	4 895	4 339	413	193	96	124	103	40	203	518	3 028	881
CONSTRUCTION TRADES	2 794	2 042	263	62	89	112	414	75	233	578	1 380	432
CARPENTERS	407	279	42	-	7	35	69	17	47	115	172	45
ELECTRICIANS	482	461	11	3	7	1	10	-	2	25	313	130
PAINTERS, CONSTRUCTION AND MAINTENANCE	750	494	96	27	46	23	136	24	84	188	334	88
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	159	123	8	-	2	6	21	7	-	20	88	39
OTHER CONSTRUCTION TRADES	996	685	106	32	27	47	178	27	100	230	473	130
EXTRACTIVE OCCUPATIONS	113	107	4	-	-	4	2	-	10	9	49	37
PRECISION PRODUCTION OCCUPATIONS	29 719	26 677	1 018	158	281	579	1 874	150	1 015	5 081	16 694	5 762
SUPERVISORS, PRODUCTION OCCUPATIONS	10 642	9 985	399	67	139	193	205	53	148	913	6 310	2 979
MANUFACTURING	6 187	6 048	85	20	12	53	36	18	81	316	3 772	1 863
PRECISION METALWORKING OCCUPATIONS	2 837	2 755	38	17	6	15	38	6	61	300	1 682	601
TOOL AND DIE MAKERS	213	206	-	-	-	-	7	-	-	22	109	82
MACHINISTS	1 761	1 737	22	7	6	9	2	-	18	142	1 132	339
SHEET METAL WORKERS	66	60	6	-	-	6	-	-	6	-	34	16
OTHER PRECISION METAL WORKERS	797	752	10	10	-	-	29	6	37	136	407	164
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	5 441	4 021	154	27	56	71	1 243	23	389	1 799	2 528	515
PLANT AND SYSTEM OPERATORS	281	201	72	-	-	72	8	-	20	4	215	20
OTHER PRECISION PRODUCTION OCCUPATIONS	10 518	9 715	355	47	80	228	380	68	397	2 065	5 959	1 647

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

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OHIO

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	234 417	217 500	14 534	1 555	2 202	10 777	1 743	640	7 462	39 480	144 505	28 809
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	168 816	163 865	3 687	823	1 018	1 846	1 054	210	3 399	20 638	112 525	21 389
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	95 516	92 034	2 457	503	813	1 141	849	176	2 241	12 933	62 466	12 268
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	13 996	13 838	124	33	13	78	23	11	207	1 274	9 207	2 214
PRINTING MACHINE OPERATORS	6 288	5 739	387	72	205	110	130	32	184	959	3 834	1 045
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	21 565	20 288	808	125	290	393	380	89	718	5 081	12 995	1 790
TEXTILE MACHINE OPERATORS	1 228	1 170	7	1	-	6	47	4	25	166	785	157
TEXTILE SEWING MACHINE OPERATORS	10 327	10 000	73	15	5	53	205	49	273	2 038	6 743	786
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	6 525	5 718	659	107	249	303	112	36	330	1 812	3 582	567
OTHER SPECIFIED MACHINE OPERATORS	20 795	20 231	472	76	151	245	75	17	516	2 457	13 897	2 613
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	32 872	31 938	666	197	154	315	241	27	616	3 162	22 533	4 606
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	12 299	11 852	239	53	42	144	192	16	309	1 286	8 306	1 687
MACHINE OPERATORS, NOT SPECIFIED	20 573	20 086	427	144	112	171	49	11	307	1 876	14 227	2 919
INDUSTRY:												
MANUFACTURING	30 207	29 828	312	118	34	160	55	12	430	2 663	20 918	4 351
NONDURABLE GOODS	11 940	11 789	116	37	18	61	30	5	232	1 190	8 231	1 508
FOOD AND KINDRED PRODUCTS	1 565	1 498	59	25	2	32	3	5	42	205	919	293
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	929	922	7	-	-	7	-	-	9	135	675	70
PAPER AND ALLIED PRODUCTS	1 672	1 663	9	2	-	7	-	-	29	89	1 182	268
OTHER NONDURABLE GOODS	7 774	7 706	41	10	16	15	27	-	152	761	5 455	877
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	18 267	18 039	196	81	16	99	25	7	198	1 473	12 687	2 843
METAL INDUSTRIES	4 003	3 944	53	13	11	29	6	-	57	262	2 745	665
MACHINERY, INCLUDING ELECTRICAL	7 328	7 301	25	3	-	22	2	-	70	490	5 150	1 240
TRANSPORTATION EQUIPMENT	2 472	2 409	63	38	-	25	-	-	35	241	1 701	301
OTHER DURABLE GOODS	4 464	4 385	55	27	5	23	17	7	36	480	3 091	637
NONMANUFACTURING INDUSTRIES	2 665	2 110	354	79	120	155	186	15	186	499	1 615	255
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	203	164	39	28	-	11	-	-	14	17	144	28
WHOLESALE AND RETAIL TRADE	1 016	829	12	8	-	4	173	2	99	286	479	112
ALL OTHER INDUSTRIES	1 446	1 117	303	43	120	140	13	13	73	196	992	115
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	50 559	49 547	807	177	108	522	182	23	892	5 394	34 936	5 411
WELDERS AND CUTTERS	2 788	2 706	82	32	26	24	-	-	10	239	1 990	348
ASSEMBLERS	44 909	44 120	668	133	77	458	98	23	782	4 777	30 946	4 799
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	2 862	2 721	57	12	5	40	84	-	100	378	2 000	264
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	22 741	22 284	423	143	97	183	23	11	266	2 311	15 123	3 710
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	19 319	9 457	9 438	286	834	8 318	358	66	1 688	8 612	6 063	2 156
MOTOR VEHICLE OPERATORS	15 884	6 162	9 306	245	801	8 260	350	66	1 608	8 202	3 882	1 637
TRUCK DRIVERS AND DRIVER-SALES WORKERS	4 251	3 632	304	71	63	170	249	66	477	1 312	1 505	783
BUS DRIVERS	10 509	1 840	8 654	117	638	7 899	15	-	996	6 525	1 957	668
RAIL AND WATER TRANSPORTATION OCCUPATIONS	82	44	38	25	-	13	-	-	7	13	44	18
MATERIAL MOVING EQUIPMENT OPERATORS	3 353	3 251	94	16	33	45	8	-	73	397	2 137	501
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	33	25	8	-	8	-	-	-	-	12	17	2
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	46 282	44 178	1 409	446	350	613	331	364	2 375	10 230	25 917	5 264
CONSTRUCTION LABORERS	473	389	72	13	17	42	-	12	96	126	194	36
FREIGHT, STOCK, AND MATERIAL HANDLERS	10 219	9 797	191	133	40	18	109	122	729	3 559	4 521	973
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	1 489	1 358	6	6	-	-	50	75	129	514	534	215
HAND PACKERS AND PACKAGERS	19 998	19 570	326	96	61	169	46	56	618	3 511	12 331	2 479
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	2 413	2 264	68	-	31	37	31	50	201	483	1 270	322
LABORERS, EXCEPT CONSTRUCTION	11 690	10 800	746	198	201	347	95	49	602	2 037	7 067	1 239
MANUFACTURING	7 078	6 935	121	37	30	54	13	9	168	875	4 689	822
NONDURABLE GOODS	2 712	2 689	17	7	8	2	2	4	79	391	1 792	254
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	4 366	4 246	104	30	22	52	11	5	89	484	2 897	568
METAL INDUSTRIES	1 562	1 540	22	7	6	9	-	-	14	201	1 055	168
NONMANUFACTURING INDUSTRIES	4 612	3 865	625	161	171	293	82	40	434	1 162	2 378	417
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	523	447	76	55	14	7	-	-	68	109	261	45
WHOLESALE AND RETAIL TRADE	2 531	2 415	63	9	6	48	35	18	149	470	1 518	275
ALL OTHER INDUSTRIES	1 558	1 003	486	97	151	238	47	22	217	583	599	97

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

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

OHIO	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
WHITE												
MALES 16 YEARS AND OVER	2 449 477	1 987 040	276 777	63 491	63 779	149 507	180 612	5 048	74 316	220 225	1 200 236	884 260
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	553 848	390 266	113 852	17 551	31 759	64 542	49 275	455	10 252	25 582	251 362	257 190
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	305 553	244 014	38 604	9 253	10 808	18 543	22 588	347	3 600	9 891	129 065	158 369
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	8 609	6	8 603	2 340	1 732	4 531	-	-	202	345	5 241	2 734
MANAGEMENT RELATED OCCUPATIONS	64 008	47 890	11 613	3 897	4 234	3 482	4 482	23	998	2 555	35 945	23 681
PROFESSIONAL SPECIALTY OCCUPATIONS	248 295	146 252	75 248	8 298	20 951	45 999	26 687	108	6 652	15 691	122 297	98 821
ENGINEERS AND NATURAL SCIENTISTS	84 886	71 726	10 985	6 085	2 541	2 359	2 172	3	480	2 371	54 672	26 018
ENGINEERS	63 492	55 819	6 611	4 056	983	1 572	1 062	-	348	1 563	40 803	19 776
HEALTH DIAGNOSING OCCUPATIONS	21 485	11 457	1 606	341	905	360	8 422	-	222	1 774	5 391	13 604
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	9 547	7 453	1 470	191	553	726	622	2	239	797	3 878	4 457
TEACHERS, LIBRARIANS, AND COUNSELORS	66 449	14 379	51 362	426	13 431	37 505	691	17	3 143	5 402	32 084	24 171
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	41 241	5 633	35 608	82	1 453	34 073	-	-	1 044	1 792	22 575	15 195
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	424 407	346 854	47 084	26 891	10 734	9 459	29 961	508	14 516	35 173	205 868	158 878
HEALTH TECHNOLOGISTS AND TECHNICIANS	5 285	3 900	1 279	240	369	670	97	9	146	560	2 895	1 574
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	62 093	51 484	9 734	4 323	2 977	2 434	849	26	1 276	3 552	39 189	16 830
SALES OCCUPATIONS	203 754	173 513	1 825	305	1 206	314	28 067	349	8 154	18 524	76 388	96 266
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	41 697	32 194	398	61	282	55	9 048	57	402	1 198	11 315	28 049
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	97 246	83 916	425	158	153	114	12 856	49	1 870	5 231	45 033	43 081
OTHER SALES OCCUPATIONS	64 811	57 403	1 002	86	771	145	6 163	243	5 882	12 095	20 040	25 136
CASHIERS	8 690	7 960	348	7	241	100	332	50	899	3 378	2 558	1 512
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	153 275	117 957	34 246	22 023	6 182	6 041	948	124	4 940	12 537	87 396	44 208
COMPUTER EQUIPMENT OPERATORS	6 231	5 452	765	341	250	174	14	-	111	335	3 926	1 728
SECRETARIES, STENOGRAPHERS, AND TYPISTS	2 145	1 572	541	147	168	226	32	-	211	287	1 087	519
FINANCIAL RECORDS PROCESSING OCCUPATIONS	10 253	8 709	1 312	531	394	387	200	32	362	974	5 950	2 721
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	19 012	3 855	15 092	14 564	397	131	65	-	645	1 491	10 082	6 249
SERVICE OCCUPATIONS	185 270	123 574	54 919	3 570	10 497	40 852	6 470	307	18 828	41 449	73 330	46 292
PRIVATE HOUSEHOLD OCCUPATIONS	520	520	-	-	-	-	-	-	172	144	130	39
PROTECTIVE SERVICE OCCUPATIONS	49 045	16 769	32 192	1 332	4 157	26 703	80	4	1 453	4 383	21 474	20 626
POLICE AND FIREFIGHTERS	20 525	47	20 478	562	1 108	18 808	-	-	116	240	7 588	12 217
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	135 705	106 285	22 727	2 238	6 340	14 149	6 390	303	17 203	36 922	51 726	25 627
FOOD SERVICE OCCUPATIONS	51 895	48 575	1 763	229	1 154	380	1 370	187	9 523	22 693	10 956	7 067
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	67 377	48 332	17 802	1 584	3 359	12 859	1 149	94	6 304	10 977	34 364	13 647
FARMING, FORESTRY, AND FISHING OCCUPATIONS	66 635	22 796	3 483	263	1 009	2 211	37 992	2 364	4 872	10 468	16 923	32 876
FARM OPERATORS AND MANAGERS	39 042	2 823	75	-	57	18	36 144	-	2 105	4 074	7 352	24 812
FARM WORKERS AND RELATED OCCUPATIONS	25 714	19 011	3 135	199	837	2 099	1 220	2 348	2 668	5 962	8 715	7 654
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	535 240	466 154	26 034	6 929	5 066	14 039	42 210	842	8 201	37 374	284 928	188 591
MECHANICS AND REPAIRERS	173 446	150 920	10 587	3 528	1 941	5 118	11 539	400	2 623	9 864	92 812	63 466
CONSTRUCTION TRADES	154 414	119 793	8 678	1 768	2 135	4 775	25 647	296	4 060	19 881	87 192	37 475
PRECISION PRODUCTION OCCUPATIONS	199 462	187 809	6 711	1 603	980	4 128	4 799	143	1 483	7 290	101 519	83 826
OPERATORS, FABRICATORS, AND LABORERS	684 077	637 396	31 405	8 287	4 714	18 404	14 704	572	17 647	70 179	367 825	200 433
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	219 263	213 187	3 593	1 093	720	1 780	2 412	71	2 723	13 980	130 803	63 225
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	121 645	117 474	2 541	1 174	354	1 013	1 544	86	1 565	7 701	75 507	30 979
TRANSPORTATION OCCUPATIONS	131 705	112 095	11 675	3 657	1 313	6 705	7 810	125	3 595	11 873	50 495	60 420
MOTOR VEHICLE OPERATORS	118 167	101 589	8 667	738	1 296	6 633	7 786	125	3 421	11 207	43 600	55 439
MATERIAL MOVING EQUIPMENT OPERATORS	56 463	52 337	2 872	531	625	1 716	1 228	26	582	3 828	33 750	15 815
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	155 001	142 303	10 724	1 832	1 702	7 190	1 710	264	9 182	32 797	77 270	29 994
CONSTRUCTION LABORERS	20 093	15 777	4 280	166	822	3 292	-	36	960	3 507	11 384	3 358
FREIGHT, STOCK, AND MATERIAL HANDLERS	50 000	47 737	1 817	573	199	1 045	408	38	3 809	14 723	21 390	8 413

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

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

OHIO	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
WHITE												
FEMALES 16 YEARS AND OVER	1 689 169	1 336 468	287 925	32 686	66 232	189 007	51 910	12 866	130 381	415 396	870 568	212 631
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	353 152	205 319	132 536	7 531	23 374	101 631	13 492	1 805	23 599	62 485	188 209	67 935
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	111 729	87 489	16 731	3 895	4 850	7 986	6 043	1 466	3 378	13 163	62 611	29 862
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	3 023	12	3 011	647	491	1 873	-	-	195	414	2 004	336
MANAGEMENT RELATED OCCUPATIONS	32 290	25 808	5 409	2 059	1 848	1 502	967	106	855	3 288	20 900	6 473
PROFESSIONAL SPECIALTY OCCUPATIONS	241 423	117 830	115 805	3 636	18 524	93 645	7 449	339	20 221	49 322	125 598	38 073
ENGINEERS AND NATURAL SCIENTISTS	7 377	5 855	1 453	632	467	354	69	-	120	496	4 854	1 606
ENGINEERS	2 513	2 304	209	112	26	71	-	-	30	113	1 575	684
HEALTH DIAGNOSING OCCUPATIONS	2 191	1 408	436	95	212	129	338	9	154	282	673	1 003
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	67 936	54 379	12 769	1 191	4 310	7 268	693	95	3 339	19 119	33 423	9 636
TEACHERS, LIBRARIANS, AND COUNSELORS	126 175	32 806	90 598	781	10 434	79 383	2 719	52	12 526	22 289	68 255	18 739
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	97 887	22 014	75 609	545	2 820	72 244	264	-	7 340	15 546	57 166	14 980
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	782 706	659 680	99 363	21 420	29 516	48 427	16 970	6 693	55 860	190 253	430 178	82 286
HEALTH TECHNOLOGISTS AND TECHNICIANS	37 425	32 740	4 389	357	1 644	2 388	265	31	1 653	9 798	20 397	4 021
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	17 383	12 705	4 505	750	1 809	1 946	156	17	852	2 153	11 072	2 679
SALES OCCUPATIONS	207 371	189 444	3 753	382	1 333	2 038	12 488	1 686	25 413	83 812	68 156	22 067
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	17 796	14 429	159	18	111	30	3 039	169	456	2 706	8 195	5 957
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	31 656	27 561	183	48	53	82	3 703	209	2 979	7 934	13 986	5 529
OTHER SALES OCCUPATIONS	157 919	147 454	3 411	316	1 169	1 926	5 746	1 308	21 978	73 172	45 975	10 581
CASHIERS	68 473	65 022	2 785	203	805	1 777	329	337	7 357	33 330	20 146	4 764
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	520 527	424 791	86 716	19 931	24 730	42 055	4 061	4 959	27 942	94 490	330 553	53 519
COMPUTER EQUIPMENT OPERATORS	9 626	8 334	1 284	338	492	454	2	6	199	958	6 827	1 466
SECRETARIES, STENOGRAPHERS, AND TYPISTS	197 007	155 930	37 552	6 021	11 620	19 911	1 489	2 036	9 107	33 397	132 192	17 603
FINANCIAL RECORDS PROCESSING OCCUPATIONS	81 452	71 680	6 423	1 174	1 763	3 486	1 500	1 849	4 686	14 631	50 371	9 766
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	8 587	3 800	4 722	4 318	282	122	51	14	1 348	1 746	4 059	1 118
SERVICE OCCUPATIONS	303 464	247 324	41 933	2 367	10 940	28 626	13 017	1 190	41 509	117 518	106 381	26 367
PRIVATE HOUSEHOLD OCCUPATIONS	14 499	14 460	-	-	-	-	39	-	4 396	4 917	3 131	1 557
PROTECTIVE SERVICE OCCUPATIONS	6 106	2 723	3 335	132	449	2 754	48	-	1 162	1 599	2 134	886
POLICE AND FIREFIGHTERS	623	-	623	8	37	578	-	-	43	77	267	216
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	282 859	230 141	38 598	2 235	10 491	25 872	12 930	1 190	35 951	111 002	101 116	23 924
FOOD SERVICE OCCUPATIONS	146 084	126 417	17 469	761	3 781	12 927	1 564	634	21 206	66 839	40 202	11 889
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	35 735	28 307	6 473	487	1 496	4 490	761	194	6 073	11 795	14 569	1 950
FARMING, FORESTRY, AND FISHING OCCUPATIONS	12 397	5 103	494	109	208	177	4 494	2 306	1 459	3 789	3 240	3 593
FARM OPERATORS AND MANAGERS	4 107	287	5	-	4	1	3 815	-	608	994	852	1 539
FARM WORKERS AND RELATED OCCUPATIONS	8 190	4 780	455	102	186	167	665	2 290	851	2 758	2 345	2 035
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	34 345	30 390	1 370	295	438	637	2 321	264	1 423	5 778	18 997	6 714
MECHANICS AND REPAIRERS	4 885	4 318	390	176	94	120	138	39	212	521	2 991	928
CONSTRUCTION TRADES	2 499	1 822	205	35	87	83	397	75	222	536	1 167	421
PRECISION PRODUCTION OCCUPATIONS	26 853	24 148	771	84	257	430	1 784	150	979	4 712	14 795	5 328
OPERATORS, FABRICATORS, AND LABORERS	203 105	188 652	12 229	964	1 756	9 509	1 616	608	6 531	35 573	123 563	25 736
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	82 151	79 388	1 811	277	627	907	778	174	1 875	11 342	53 359	10 975
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	62 982	61 814	936	188	143	605	198	34	894	6 704	42 800	8 249
TRANSPORTATION OCCUPATIONS	14 412	5 576	8 436	203	724	7 509	334	66	1 523	7 771	3 229	1 389
MOTOR VEHICLE OPERATORS	14 336	5 532	8 404	178	724	7 502	334	66	1 516	7 758	3 191	1 371
MATERIAL MOVING EQUIPMENT OPERATORS	2 852	2 787	57	2	10	45	8	-	73	334	1 824	411
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	40 708	39 087	989	294	252	443	298	334	2 166	9 422	22 351	4 712
CONSTRUCTION LABORERS	395	336	47	13	17	17	-	12	79	115	147	36
FREIGHT, STOCK, AND MATERIAL HANDLERS	9 377	9 055	126	88	20	18	82	114	666	3 392	4 045	904

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

OHIO	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
BLACK												
MALES 16 YEARS AND OVER	188 772	141 500	42 135	13 684	7 977	20 474	4 943	194	7 034	19 903	117 288	36 354
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	22 812	12 508	8 963	1 884	2 295	4 784	1 321	20	740	1 688	13 259	6 663
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	11 401	6 815	3 928	1 149	1 008	1 771	645	13	180	587	6 613	3 830
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	807	-	807	242	171	394	-	-	6	17	626	153
MANAGEMENT RELATED OCCUPATIONS	3 114	1 726	1 292	523	344	425	96	-	52	146	2 076	775
PROFESSIONAL SPECIALTY OCCUPATIONS	11 411	5 693	5 035	735	1 287	3 013	676	7	560	1 101	6 646	2 833
ENGINEERS AND NATURAL SCIENTISTS	2 583	2 003	544	315	120	109	36	-	16	156	1 892	485
ENGINEERS	1 744	1 407	337	184	68	85	-	-	10	85	1 318	313
HEALTH DIAGNOSING OCCUPATIONS	696	346	105	23	29	53	245	-	-	60	213	393
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	802	485	306	102	98	106	11	-	24	56	469	226
TEACHERS, LIBRARIANS, AND COUNSELORS	3 142	655	2 479	67	635	1 777	8	-	274	402	1 736	634
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	2 024	205	1 819	15	157	1 647	-	-	116	193	1 267	404
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	28 579	18 358	9 527	6 323	1 544	1 660	630	64	899	2 922	18 185	5 857
HEALTH TECHNOLOGISTS AND TECHNICIANS	607	324	276	153	82	41	7	-	8	34	408	146
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	3 226	2 404	802	357	263	182	-	20	85	181	2 219	649
SALES OCCUPATIONS	6 662	5 732	301	61	175	65	597	32	385	1 207	2 993	1 974
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 199	854	54	9	45	-	274	17	5	110	495	565
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	2 567	2 326	54	21	15	18	187	-	81	193	1 351	904
OTHER SALES OCCUPATIONS	2 896	2 552	193	31	115	47	136	15	299	904	1 147	505
CASHIERS	802	693	78	7	32	39	31	-	127	298	247	117
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	18 084	9 898	8 148	5 752	1 024	1 372	26	12	421	1 500	12 565	3 088
COMPUTER EQUIPMENT OPERATORS	716	522	194	97	43	54	-	-	-	43	527	142
SECRETARIES, STENOGRAPHERS, AND TYPISTS	232	102	125	47	33	45	-	5	12	34	167	7
FINANCIAL RECORDS PROCESSING OCCUPATIONS	635	451	177	95	50	32	7	-	-	63	477	88
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	4 625	806	3 814	3 679	88	47	5	-	63	260	3 181	1 084
SERVICE OCCUPATIONS	32 887	21 976	10 349	1 984	2 570	5 795	545	17	2 486	6 281	17 512	5 281
PRIVATE HOUSEHOLD OCCUPATIONS	186	186	-	-	-	-	-	-	32	35	87	24
PROTECTIVE SERVICE OCCUPATIONS	5 208	2 329	2 863	387	473	2 003	16	-	170	501	2 900	1 473
POLICE AND FIREFIGHTERS	1 197	-	1 197	46	82	1 069	-	-	7	21	538	607
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	27 493	19 461	7 486	1 597	2 097	3 792	529	17	2 284	5 745	14 525	3 784
FOOD SERVICE OCCUPATIONS	7 222	6 385	743	287	288	168	85	9	849	2 409	2 708	914
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	16 171	10 558	5 485	1 038	1 152	3 295	120	8	1 259	2 669	9 309	2 209
FARMING, FORESTRY, AND FISHING OCCUPATIONS	1 427	709	628	97	102	429	86	4	95	246	794	202
FARM OPERATORS AND MANAGERS	81	16	-	-	-	-	65	-	2	26	18	35
FARM WORKERS AND RELATED OCCUPATIONS	1 285	635	625	97	99	429	21	4	93	197	749	156
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	28 283	23 229	3 534	950	520	2 064	1 451	69	660	1 996	18 317	5 998
MECHANICS AND REPAIRERS	8 862	7 118	1 273	431	116	726	436	35	231	460	5 713	2 078
CONSTRUCTION TRADES	7 953	5 729	1 295	265	224	806	895	34	253	1 043	5 000	1 085
PRECISION PRODUCTION OCCUPATIONS	11 337	10 251	966	254	180	532	120	-	176	479	7 548	2 783
OPERATORS, FABRICATORS, AND LABORERS	74 784	64 720	9 134	2 446	946	5 742	910	20	2 154	6 770	49 221	12 353
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	24 006	22 729	1 159	358	284	517	113	5	420	1 663	16 605	4 058
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	12 854	12 235	579	291	80	208	40	-	316	857	9 051	1 871
TRANSPORTATION OCCUPATIONS	11 951	8 492	2 909	387	257	2 265	544	6	373	1 077	6 883	2 977
MOTOR VEHICLE OPERATORS	11 553	8 166	2 837	336	250	2 251	544	6	360	1 050	6 664	2 914
MATERIAL MOVING EQUIPMENT OPERATORS	6 328	5 790	528	246	87	195	10	-	102	454	4 345	1 091
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	19 645	15 474	3 959	1 164	238	2 557	203	9	943	2 719	12 337	2 356
CONSTRUCTION LABORERS	3 067	2 430	628	63	67	498	-	9	144	542	1 853	317
FREIGHT, STOCK, AND MATERIAL HANDLERS	5 092	3 494	1 516	520	25	971	82	-	285	930	2 999	561

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

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

OHIO

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
BLACK												
FEMALES 16 YEARS AND OVER	189 646	128 886	58 138	14 510	14 255	29 373	2 417	205	11 179	33 371	119 989	16 278
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	31 222	12 242	18 448	2 910	3 418	12 120	489	43	1 246	3 911	21 779	3 362
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	8 975	4 876	3 845	1 470	1 010	1 365	216	38	151	718	6 467	1 406
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	760	-	760	393	135	232	-	-	5	73	586	74
MANAGEMENT RELATED OCCUPATIONS	3 159	1 758	1 378	700	420	258	23	-	38	205	2 450	371
PROFESSIONAL SPECIALTY OCCUPATIONS	22 247	7 366	14 603	1 440	2 408	10 755	273	5	1 095	3 193	15 312	1 956
ENGINEERS AND NATURAL SCIENTISTS	669	495	174	100	50	24	-	-	11	11	583	46
ENGINEERS	248	242	6	-	-	6	-	-	-	11	200	25
HEALTH DIAGNOSING OCCUPATIONS	112	53	29	8	15	6	30	-	4	4	43	61
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	4 693	3 006	1 583	438	519	626	99	5	151	613	3 211	569
TEACHERS, LIBRARIANS, AND COUNSELORS	11 375	2 196	9 118	406	1 038	7 674	61	-	674	1 993	7 579	768
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	9 090	1 430	7 654	265	465	6 924	6	-	405	1 550	6 322	553
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	73 774	49 632	23 571	8 938	6 070	8 563	487	84	3 773	11 922	49 166	6 038
HEALTH TECHNOLOGISTS AND TECHNICIANS	5 990	4 427	1 526	397	654	475	37	-	134	908	4 062	603
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	1 828	1 103	718	325	193	200	-	7	49	233	1 271	185
SALES OCCUPATIONS	11 976	10 927	629	126	210	293	365	55	1 305	4 087	5 172	951
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	780	628	21	-	17	4	127	4	6	96	480	164
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	1 361	1 218	71	33	15	23	60	12	103	165	802	248
OTHER SALES OCCUPATIONS	9 835	9 081	537	93	178	266	178	39	1 196	3 826	3 890	539
CASHIERS	4 831	4 423	367	57	92	218	27	14	547	1 909	1 840	356
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	53 980	33 175	20 698	8 090	5 013	7 595	85	22	2 285	6 694	38 661	4 299
COMPUTER EQUIPMENT OPERATORS	1 208	794	414	175	110	129	-	-	13	80	939	120
SECRETARIES, STENOGRAPHERS, AND TYPISTS	15 208	8 478	6 689	1 945	1 930	2 814	35	6	585	1 807	11 400	955
FINANCIAL RECORDS PROCESSING OCCUPATIONS	4 396	3 271	1 120	410	260	450	5	-	119	440	3 233	473
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	2 794	637	2 157	1 916	129	112	-	-	93	194	1 987	397
SERVICE OCCUPATIONS	52 932	38 195	13 460	1 932	4 291	7 237	1 235	42	5 239	13 646	27 838	3 662
PRIVATE HOUSEHOLD OCCUPATIONS	5 930	5 930	-	-	-	-	-	-	1 426	2 351	1 548	284
PROTECTIVE SERVICE OCCUPATIONS	1 019	438	581	22	75	484	-	-	89	112	639	144
POLICE AND FIREFIGHTERS	175	-	175	-	7	168	-	-	15	-	124	36
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	45 983	31 827	12 879	1 910	4 216	6 753	1 235	42	3 724	11 183	25 651	3 234
FOOD SERVICE OCCUPATIONS	12 116	9 265	2 774	456	831	1 487	58	19	1 442	3 852	5 200	969
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	11 949	8 938	2 919	322	973	1 624	92	-	956	2 958	6 848	709
FARMING, FORESTRY, AND FISHING OCCUPATIONS	199	60	105	15	34	56	28	6	6	39	116	38
FARM OPERATORS AND MANAGERS	17	2	-	-	-	-	15	-	-	8	-	9
FARM WORKERS AND RELATED OCCUPATIONS	182	58	105	15	34	56	13	6	6	31	116	29
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	3 341	2 897	363	145	36	182	73	8	55	335	2 238	521
MECHANICS AND REPAIRERS	574	498	68	44	12	12	-	8	17	26	366	118
CONSTRUCTION TRADES	266	204	56	27	-	29	6	-	11	31	195	11
PRECISION PRODUCTION OCCUPATIONS	2 496	2 190	239	74	24	141	67	-	27	278	1 672	392
OPERATORS, FABRICATORS, AND LABORERS	28 178	25 860	2 191	570	406	1 215	105	22	860	3 518	18 852	2 657
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	11 911	11 257	593	205	178	210	61	-	316	1 399	8 126	1 135
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	9 417	9 128	282	132	56	94	7	-	260	934	6 616	733
TRANSPORTATION OCCUPATIONS	1 473	572	891	67	76	748	10	-	92	418	671	251
MOTOR VEHICLE OPERATORS	1 467	572	885	67	76	742	10	-	92	418	665	251
MATERIAL MOVING EQUIPMENT OPERATORS	405	368	37	14	23	-	-	-	-	55	250	70
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	4 972	4 535	388	152	73	163	27	22	192	712	3 189	468
CONSTRUCTION LABORERS	73	50	23	-	-	23	-	-	17	11	42	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	771	679	65	45	20	-	27	-	52	162	440	51

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

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

OHIO	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
ASIAN AND PACIFIC ISLANDER												
MALES 16 YEARS AND OVER	12 367	9 462	1 914	325	1 136	453	941	50	420	1 176	6 036	4 553
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	6 800	4 781	1 314	220	766	328	690	15	128	361	3 356	2 876
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	1 406	1 185	127	29	44	54	94	-	25	25	747	597
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	15	-	15	-	-	15	-	-	-	-	15	-
MANAGEMENT RELATED OCCUPATIONS	366	312	46	7	26	13	8	-	-	7	275	84
PROFESSIONAL SPECIALTY OCCUPATIONS	5 394	3 596	1 187	191	722	274	596	15	103	336	2 609	2 279
ENGINEERS AND NATURAL SCIENTISTS	1 898	1 690	185	96	60	29	23	-	5	17	1 528	342
ENGINEERS	1 348	1 192	143	75	39	29	13	-	5	7	1 063	267
HEALTH DIAGNOSING OCCUPATIONS	2 197	1 418	241	88	62	91	538	-	20	33	496	1 607
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	99	78	21	2	6	13	-	-	8	8	37	46
TEACHERS, LIBRARIANS, AND COUNSELORS	876	180	683	-	584	99	13	-	58	244	381	173
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	109	30	79	-	15	64	-	-	11	4	52	42
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1 988	1 472	396	94	259	43	114	6	107	325	987	534
HEALTH TECHNOLOGISTS AND TECHNICIANS	138	101	37	13	12	12	-	-	-	19	82	27
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	909	679	230	26	186	18	-	-	28	144	516	196
SALES OCCUPATIONS	492	367	12	6	-	6	107	6	40	66	174	212
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	100	60	6	6	-	-	34	-	-	-	19	81
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	178	151	-	-	-	-	27	-	6	12	99	61
OTHER SALES OCCUPATIONS	214	156	6	-	-	6	46	6	34	54	56	70
CASHIERS	55	44	-	-	-	-	5	6	3	33	13	6
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	449	325	117	49	61	7	7	-	39	96	215	99
COMPUTER EQUIPMENT OPERATORS	45	39	6	-	6	-	-	-	6	2	23	14
SECRETARIES, STENOGRAPHERS, AND TYPISTS	8	8	-	-	-	-	-	-	-	-	8	-
FINANCIAL RECORDS PROCESSING OCCUPATIONS	25	18	7	-	7	-	-	-	6	7	12	-
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	27	2	18	18	-	-	7	-	2	7	18	-
SERVICE OCCUPATIONS	1 304	1 097	142	7	80	55	48	17	133	275	450	439
PRIVATE HOUSEHOLD OCCUPATIONS	19	19	-	-	-	-	-	-	-	-	4	15
PROTECTIVE SERVICE OCCUPATIONS	71	33	38	-	19	19	-	-	-	23	28	20
POLICE AND FIREFIGHTERS	17	-	17	-	-	17	-	-	-	-	7	10
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	1 214	1 045	104	7	61	36	48	17	133	252	418	404
FOOD SERVICE OCCUPATIONS	887	822	24	-	22	2	24	17	78	178	260	364
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	213	146	60	7	19	34	7	-	39	40	107	27
FARMING, FORESTRY, AND FISHING OCCUPATIONS	38	23	2	2	-	-	13	-	-	15	16	7
FARM OPERATORS AND MANAGERS	15	2	-	-	-	-	13	-	-	-	13	2
FARM WORKERS AND RELATED OCCUPATIONS	23	21	2	2	-	-	-	-	-	15	3	5
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	833	766	10	-	-	10	57	-	15	32	463	316
MECHANICS AND REPAIRERS	253	196	7	-	-	7	50	-	8	14	151	73
CONSTRUCTION TRADES	130	126	-	-	-	-	4	-	7	17	75	31
PRECISION PRODUCTION OCCUPATIONS	450	444	3	-	-	3	3	-	-	1	237	212
OPERATORS, FABRICATORS, AND LABORERS	1 404	1 323	50	2	31	17	19	12	37	168	764	381
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	611	577	12	-	12	-	10	12	8	43	357	190
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	376	362	9	-	9	-	5	-	5	35	226	94
TRANSPORTATION OCCUPATIONS	103	76	23	-	10	13	4	-	9	29	24	34
MOTOR VEHICLE OPERATORS	103	76	23	-	10	13	4	-	9	29	24	34
MATERIAL MOVING EQUIPMENT OPERATORS	46	46	-	-	-	-	-	-	-	-	36	10
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	268	262	6	2	-	4	-	-	15	61	121	53
CONSTRUCTION LABORERS	-	-	-	-	-	-	-	-	-	-	-	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	84	84	-	-	-	-	-	-	-	41	18	25

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

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

OHIO	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS TOTAL	GOVERNMENT WORKERS FEDERAL	GOVERNMENT WORKERS STATE	GOVERNMENT WORKERS LOCAL	SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
ASIAN AND PACIFIC ISLANDER												
FEMALES 16 YEARS AND OVER	9 156	7 070	1 534	253	717	564	434	118	525	2 045	5 179	1 163
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	2 644	1 652	779	120	353	306	184	29	87	493	1 550	465
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	557	418	67	6	38	23	55	17	12	78	336	131
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	5	-	5	-	-	5	-	-	-	-	5	-
MANAGEMENT RELATED OCCUPATIONS	227	185	31	6	18	7	6	5	-	30	166	31
PROFESSIONAL SPECIALTY OCCUPATIONS	2 087	1 234	712	114	315	283	129	12	75	415	1 214	334
ENGINEERS AND NATURAL SCIENTISTS	245	201	39	5	28	6	5	-	-	47	161	25
ENGINEERS	56	51	5	5	-	-	-	-	-	12	44	-
HEALTH DIAGNOSING OCCUPATIONS	565	309	169	97	39	33	87	-	-	64	329	166
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	588	477	93	5	29	59	6	12	8	138	384	36
TEACHERS, LIBRARIANS, AND COUNSELORS	509	134	357	7	191	159	18	-	54	143	228	84
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	215	70	145	-	14	131	-	-	15	38	133	29
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	3 035	2 314	543	88	297	158	128	50	160	717	1 771	322
HEALTH TECHNOLOGISTS AND TECHNICIANS	295	231	52	7	12	33	12	-	-	57	198	34
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	357	223	134	-	116	18	-	-	16	77	219	41
SALES OCCUPATIONS	706	538	29	11	-	18	116	23	59	256	276	106
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	79	39	7	7	-	-	33	-	-	18	27	34
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	86	70	-	-	-	-	16	-	3	19	45	19
OTHER SALES OCCUPATIONS	541	429	22	4	-	18	67	23	56	219	204	53
CASHIERS	201	156	22	4	-	18	16	7	15	103	63	13
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	1 677	1 322	328	70	169	89	-	27	85	327	1 078	141
COMPUTER EQUIPMENT OPERATORS	76	41	35	4	24	7	-	-	6	16	47	-
SECRETARIES, STENOGRAPHERS, AND TYPISTS	444	331	97	7	51	39	-	16	12	96	300	26
FINANCIAL RECORDS PROCESSING OCCUPATIONS	325	297	28	2	15	11	-	-	9	66	203	41
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	13	7	6	6	-	-	-	-	-	-	6	7
SERVICE OCCUPATIONS	1 799	1 500	182	45	50	87	78	39	220	607	755	159
PRIVATE HOUSEHOLD OCCUPATIONS	60	60	-	-	-	-	-	-	15	12	27	6
PROTECTIVE SERVICE OCCUPATIONS	1	-	1	-	-	1	-	-	-	-	1	-
POLICE AND FIREFIGHTERS	1	-	1	-	-	1	-	-	-	-	1	-
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	1 738	1 440	181	45	50	86	78	39	205	595	727	153
FOOD SERVICE OCCUPATIONS	930	845	41	8	24	9	19	25	119	345	345	113
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	243	190	53	24	10	19	-	-	28	70	118	6
FARMING, FORESTRY, AND FISHING OCCUPATIONS	48	38	-	-	-	-	10	-	12	14	20	2
FARM OPERATORS AND MANAGERS	13	7	-	-	-	-	6	-	2	2	7	2
FARM WORKERS AND RELATED OCCUPATIONS	35	31	-	-	-	-	4	-	10	12	13	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	244	218	8	-	-	8	18	-	13	54	148	28
MECHANICS AND REPAIRERS	12	12	-	-	-	-	-	-	4	-	8	-
CONSTRUCTION TRADES	5	5	-	-	-	-	-	-	-	-	5	-
PRECISION PRODUCTION OCCUPATIONS	227	201	8	-	-	8	18	-	9	54	135	28
OPERATORS, FABRICATORS, AND LABORERS	1 386	1 348	22	-	17	5	16	-	33	160	935	187
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	767	751	6	-	6	-	10	-	24	84	528	79
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	391	391	-	-	-	-	-	-	2	30	270	80
TRANSPORTATION OCCUPATIONS	4	4	-	-	-	-	-	-	-	4	-	-
MOTOR VEHICLE OPERATORS	4	4	-	-	-	-	-	-	-	4	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	12	12	-	-	-	-	-	-	-	-	12	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	212	190	16	-	11	5	6	-	7	42	125	28
CONSTRUCTION LABORERS	-	-	-	-	-	-	-	-	-	-	-	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	13	13	-	-	-	-	-	-	1	5	7	-

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

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

OHIO

	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS TOTAL	FEDERAL	STATE	LOCAL	SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
SPANISH ORIGIN												
MALES 16 YEARS AND OVER.	24 467	20 566	3 073	906	626	1 541	801	27	875	2 358	14 174	6 147
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	3 928	2 662	909	224	298	387	357	-	121	208	1 820	1 680
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS.	1 612	1 266	258	68	92	98	88	-	18	72	744	764
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION.	28	-	28	5	-	23	-	-	-	10	12	6
MANAGEMENT RELATED OCCUPATIONS . . .	357	229	108	41	53	14	20	-	-	19	208	124
PROFESSIONAL SPECIALTY OCCUPATIONS . .	2 316	1 396	651	156	206	289	269	-	103	136	1 076	916
ENGINEERS AND NATURAL SCIENTISTS . .	651	514	117	93	9	15	20	-	11	31	457	152
ENGINEERS	469	389	75	62	9	4	5	-	11	11	341	106
HEALTH DIAGNOSING OCCUPATIONS. . . .	666	468	59	25	34	-	139	-	5	8	126	500
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	65	52	13	-	7	6	-	-	-	6	42	12
TEACHERS, LIBRARIANS, AND COUNSELORS	445	96	349	8	120	221	-	-	54	47	208	97
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS.	232	20	212	8	6	198	-	-	17	-	144	54
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	2 810	2 137	519	209	118	192	136	18	131	343	1 497	744
HEALTH TECHNOLOGISTS AND TECHNICIANS .	71	33	34	-	2	32	4	-	-	10	52	9
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH.	506	392	96	21	41	34	-	18	31	66	261	112
SALES OCCUPATIONS.	934	796	9	2	-	7	129	-	36	85	402	399
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	187	141	-	-	-	-	46	-	-	7	66	108
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	358	312	-	-	-	-	46	-	14	32	161	151
OTHER SALES OCCUPATIONS.	389	343	9	2	-	7	37	-	22	46	175	140
CASHIERS.	64	51	2	2	-	-	11	-	6	19	22	17
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL.	1 299	916	380	186	75	119	3	-	64	182	782	224
COMPUTER EQUIPMENT OPERATORS	41	37	4	4	-	-	-	-	9	-	32	-
SECRETARIES, STENOGRAPHERS, AND TYPISTS	28	20	8	-	-	8	-	-	8	7	13	-
FINANCIAL RECORDS PROCESSING OCCUPATIONS	38	35	-	-	-	-	3	-	3	2	29	4
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	146	52	94	94	-	-	-	-	-	13	87	46
SERVICE OCCUPATIONS.	2 620	2 003	586	96	75	415	31	-	259	562	1 255	451
PRIVATE HOUSEHOLD OCCUPATIONS.	6	6	-	-	-	-	-	-	-	-	6	-
PROTECTIVE SERVICE OCCUPATIONS	338	123	215	30	24	161	-	-	31	7	195	87
POLICE AND FIREFIGHTERS.	123	-	123	5	11	107	-	-	-	5	65	53
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	2 276	1 874	371	66	51	254	31	-	228	555	1 054	364
FOOD SERVICE OCCUPATIONS	862	845	17	11	6	-	-	-	134	326	281	98
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	1 160	861	289	41	21	227	10	-	60	186	648	216
FARMING, FORESTRY, AND FISHING OCCUPATIONS	706	522	69	-	18	51	109	6	41	75	295	279
FARM OPERATORS AND MANAGERS.	130	26	-	-	-	-	104	-	3	13	17	88
FARM WORKERS AND RELATED OCCUPATIONS .	560	480	69	-	18	51	5	6	36	55	271	191
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	4 107	3 680	319	128	49	142	108	-	92	272	2 539	1 035
MECHANICS AND REPAIRERS.	1 409	1 257	135	71	8	56	17	-	38	60	925	348
CONSTRUCTION TRADES.	1 038	846	110	34	36	40	82	-	47	120	624	202
PRECISION PRODUCTION OCCUPATIONS . . .	1 628	1 545	74	23	5	46	9	-	7	92	973	470
OPERATORS, FABRICATORS, AND LABORERS . .	10 296	9 562	671	249	68	354	60	3	231	898	6 768	1 958
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	3 766	3 625	129	47	14	68	12	-	70	263	2 510	730
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS.	2 239	2 154	85	35	5	45	-	-	28	172	1 561	376
TRANSPORTATION OCCUPATIONS	1 020	812	182	64	31	87	23	3	8	61	603	315
MOTOR VEHICLE OPERATORS.	908	722	160	49	24	87	23	3	8	61	520	287
MATERIAL MOVING EQUIPMENT OPERATORS. .	898	833	64	18	7	39	1	-	3	50	653	160
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	2 373	2 138	211	85	11	115	24	-	122	352	1 441	377
CONSTRUCTION LABORERS.	183	111	72	7	6	59	-	-	13	17	132	21
FREIGHT, STOCK, AND MATERIAL HANDLERS.	583	544	25	6	-	19	14	-	42	132	271	108

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

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

OHIO

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
SPANISH ORIGIN												
FEMALES 16 YEARS AND OVER	16 154	12 756	2 970	559	887	1 524	342	86	1 266	3 636	8 924	1 642
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	2 313	1 164	1 041	161	258	622	81	27	202	375	1 312	337
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	644	411	142	46	34	62	66	25	40	62	392	138
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	21	-	21	6	7	8	-	-	7	-	14	-
MANAGEMENT RELATED OCCUPATIONS	186	71	93	32	25	36	18	4	-	16	141	29
PROFESSIONAL SPECIALTY OCCUPATIONS	1 669	753	899	115	224	560	15	2	162	313	920	199
ENGINEERS AND NATURAL SCIENTISTS	91	65	26	20	6	-	-	-	-	15	64	6
ENGINEERS	19	19	-	-	-	-	-	-	-	6	13	-
HEALTH DIAGNOSING OCCUPATIONS	65	40	19	7	5	7	6	-	-	-	40	25
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	320	246	74	3	57	14	-	-	11	76	155	64
TEACHERS, LIBRARIANS, AND COUNSELORS	801	242	554	24	111	419	5	-	126	183	385	68
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	512	123	389	17	19	353	-	-	58	115	268	41
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	5 745	4 556	1 086	272	406	408	92	11	466	1 397	3 186	454
HEALTH TECHNOLOGISTS AND TECHNICIANS	315	269	37	6	21	10	9	-	14	67	189	18
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	189	110	77	-	37	40	2	-	8	54	101	15
SALES OCCUPATIONS	1 641	1 543	20	-	14	6	76	2	221	728	509	114
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	94	89	-	-	-	-	5	-	14	16	59	-
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	165	151	-	-	-	-	14	-	21	49	58	14
OTHER SALES OCCUPATIONS	1 382	1 303	20	-	14	6	57	2	186	663	392	100
CASHIERS	619	566	20	-	14	6	31	2	98	298	150	52
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	3 600	2 634	952	266	334	352	5	9	223	548	2 387	307
COMPUTER EQUIPMENT OPERATORS	51	35	16	13	3	-	-	-	-	-	28	23
SECRETARIES, STENOGRAPHERS, AND TYPISTS	1 353	956	392	101	140	151	-	5	89	219	903	106
FINANCIAL RECORDS PROCESSING OCCUPATIONS	391	328	57	5	23	29	2	4	29	54	252	49
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	51	28	23	21	2	-	-	-	8	3	36	4
SERVICE OCCUPATIONS	3 951	3 181	633	70	152	411	118	19	474	1 308	1 628	382
PRIVATE HOUSEHOLD OCCUPATIONS	222	222	-	-	-	-	-	-	21	96	67	16
PROTECTIVE SERVICE OCCUPATIONS	57	23	34	-	-	34	-	-	11	6	21	19
POLICE AND FIREFIGHTERS	4	-	4	-	-	4	-	-	-	-	4	-
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	3 672	2 936	599	70	152	377	118	19	442	1 206	1 540	347
FOOD SERVICE OCCUPATIONS	1 649	1 465	165	16	36	113	19	-	286	634	494	165
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	716	518	183	28	53	102	8	7	44	228	341	61
FARMING, FORESTRY, AND FISHING OCCUPATIONS	198	140	6	6	-	-	33	19	15	54	95	24
FARM OPERATORS AND MANAGERS	25	-	-	-	-	-	25	-	-	11	7	7
FARM WORKERS AND RELATED OCCUPATIONS	173	140	6	6	-	-	8	19	15	43	88	17
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	434	381	44	7	31	6	9	-	14	66	312	35
MECHANICS AND REPAIRERS	50	35	15	-	15	-	-	-	-	7	37	6
CONSTRUCTION TRADES	39	30	4	-	4	-	5	-	9	5	25	-
PRECISION PRODUCTION OCCUPATIONS	345	316	25	7	12	6	4	-	5	54	250	29
OPERATORS, FABRICATORS, AND LABORERS	3 513	3 334	160	43	40	77	9	10	95	436	2 391	410
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	1 684	1 610	66	24	2	40	6	2	59	195	1 155	201
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	901	901	-	-	-	-	-	-	10	63	666	82
TRANSPORTATION OCCUPATIONS	81	32	46	7	10	29	3	-	9	37	33	-
MOTOR VEHICLE OPERATORS	81	32	46	7	10	29	3	-	9	37	33	-
MATERIAL MOVING EQUIPMENT OPERATORS	78	78	-	-	-	-	-	-	-	8	47	23
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	769	713	48	12	28	8	-	8	17	133	490	104
CONSTRUCTION LABORERS	3	3	-	-	-	-	-	-	-	-	3	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	133	119	6	6	-	-	-	8	6	56	46	24

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

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

AKRON, OH SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
MALES 16 YEARS AND OVER	166 857	139 301	18 604	2 625	5 115	10 864	8 774	178	5 455	16 210	83 254	56 685
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	40 549	29 670	7 943	504	2 827	4 612	2 909	27	732	2 035	18 922	17 885
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	22 302	18 584	2 396	321	739	1 336	1 297	25	190	658	9 744	11 288
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	460	6	454	53	95	306	-	-	21	12	296	124
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	701	94	607	-	194	413	-	-	-	25	215	430
MANAGERS, MEDICINE AND HEALTH	171	118	53	-	25	28	-	-	-	11	99	61
OTHER SPECIFIED MANAGERS	4 574	4 277	172	57	58	57	113	12	25	81	1 876	2 494
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	11 098	10 671	427	52	139	236	-	-	79	294	4 356	6 155
MANUFACTURING	4 304	4 304	-	-	-	-	-	-	21	73	1 929	2 201
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	789	700	89	42	6	41	-	-	-	19	344	397
WHOLESALE AND RETAIL TRADE	3 034	3 023	11	-	11	-	-	-	-	108	876	2 004
ALL OTHER INDUSTRIES	2 971	2 644	327	10	122	195	-	-	58	94	1 207	1 553
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	945	-	-	-	-	-	932	13	17	68	246	592
CONSTRUCTION	133	-	-	-	-	-	133	-	5	30	56	26
MANUFACTURING	130	-	-	-	-	-	130	-	-	-	51	79
WHOLESALE AND RETAIL TRADE	362	-	-	-	-	-	349	13	6	19	55	282
ALL OTHER INDUSTRIES	320	-	-	-	-	-	320	-	6	19	84	205
MANAGEMENT RELATED OCCUPATIONS	4 353	3 418	683	159	228	296	252	-	48	167	2 656	1 432
ACCOUNTANTS AND AUDITORS	2 030	1 692	189	39	103	47	149	-	12	50	1 179	765
BUYERS AND PURCHASING AGENTS	755	683	57	27	5	25	15	-	-	33	482	240
PROFESSIONAL SPECIALTY OCCUPATIONS	18 247	11 086	5 547	183	2 088	3 276	1 612	2	542	1 377	9 178	6 597
ENGINEERS, ARCHITECTS, AND SURVEYORS	5 096	4 806	208	60	57	91	82	-	22	152	3 501	1 308
ARCHITECTS	248	207	19	7	-	12	22	-	-	10	115	108
ENGINEERS	4 805	4 571	181	53	53	75	53	-	22	137	3 359	1 189
ELECTRICAL AND ELECTRONIC ENGINEERS	772	741	18	5	-	13	13	-	-	25	549	184
MECHANICAL ENGINEERS	948	948	-	-	-	-	-	-	8	12	621	280
OTHER ENGINEERS	3 085	2 882	163	48	53	62	40	-	14	100	2 189	725
SURVEYORS AND MAPPING SCIENTISTS	43	28	8	-	4	4	7	-	-	5	27	11
MATHEMATICAL AND COMPUTER SCIENTISTS	512	450	57	-	40	17	5	-	-	16	349	146
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	376	321	50	-	33	17	5	-	-	13	252	110
NATURAL SCIENTISTS	853	723	113	7	56	50	17	-	6	19	642	164
HEALTH DIAGNOSING OCCUPATIONS	1 578	983	37	6	8	23	558	-	6	97	432	986
PHYSICIANS	1 052	804	35	6	6	23	213	-	-	31	204	791
DENTISTS	328	111	2	-	2	-	215	-	6	47	137	126
OTHER HEALTH DIAGNOSING PRACTITIONERS	198	68	-	-	-	-	130	-	-	19	91	69
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	465	346	102	11	32	59	17	-	-	45	178	236
REGISTERED NURSES	93	70	23	-	12	11	-	-	-	29	41	23
PHARMACISTS	221	193	16	-	8	8	12	-	-	5	85	131
THERAPISTS	94	71	18	6	12	-	5	-	-	11	40	37
TEACHERS, LIBRARIANS, AND COUNSELORS	5 088	811	4 248	34	1 662	2 552	29	-	305	570	2 248	1 719
TEACHERS, POSTSECONDARY	1 757	256	1 501	6	1 465	30	-	-	151	372	508	599
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	1 490	189	1 301	4	55	1 242	-	-	41	65	829	485
TEACHERS, SECONDARY	1 247	135	1 112	-	9	1 103	-	-	35	59	637	473
SOCIAL SCIENTISTS AND URBAN PLANNERS	420	212	184	18	57	109	24	-	26	51	224	113
SOCIAL AND RECREATION WORKERS	414	91	323	35	49	239	-	-	17	52	287	52
RELIGIOUS WORKERS	754	621	6	-	-	6	127	-	7	51	136	536
LAWYERS AND JUDGES	1 023	517	136	12	6	118	370	-	7	76	313	603
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	2 044	1 526	133	-	121	12	383	2	146	248	868	734
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	29 517	25 244	2 565	1 296	539	730	1 673	35	868	2 460	15 226	10 283
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	5 409	4 908	449	62	160	227	46	6	78	440	3 424	1 351
HEALTH TECHNOLOGISTS AND TECHNICIANS	401	344	50	6	5	39	7	-	5	69	211	102
LICENSED PRACTICAL NURSES	28	21	-	-	-	-	7	-	-	-	11	17
ENGINEERING AND SCIENCE TECHNICIANS	3 472	3 299	158	28	39	91	15	-	26	208	2 233	935
ELECTRICAL AND ELECTRONIC TECHNICIANS	588	559	28	13	13	2	1	-	-	27	329	230
DRAFTING AND SURVEYING TECHNICIANS	1 306	1 229	70	-	-	70	7	-	13	75	843	359
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	1 536	1 265	241	28	116	97	24	6	47	163	980	314
AIRPLANE PILOTS AND NAVIGATORS	54	54	-	-	-	-	-	-	-	20	22	12
COMPUTER PROGRAMMERS	655	603	45	-	20	25	7	-	10	31	451	152
SALES OCCUPATIONS	13 727	11 984	152	30	109	13	1 562	29	481	1 195	5 590	6 141
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	2 803	2 328	44	12	21	11	420	11	13	67	828	1 865
SELF-EMPLOYED	431	-	-	-	-	-	420	11	-	36	67	323
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	2 711	2 212	20	18	-	2	472	7	61	156	1 248	1 167
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	3 788	3 498	-	-	-	-	290	-	23	120	2 058	1 508
SALES WORKERS, RETAIL AND PERSONAL SERVICES	4 404	3 925	88	-	88	-	380	11	384	852	1 443	1 593
CASHIERS	627	575	42	-	42	-	10	-	47	225	223	97
SALES RELATED OCCUPATIONS	21	21	-	-	-	-	-	-	-	-	13	8

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

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

AKRON, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	10 381	8 352	1 964	1 204	270	490	65	-	309	825	6 212	2 791
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	1 451	1 242	209	95	17	97	-	-	6	11	809	612
COMPUTER EQUIPMENT OPERATORS	546	516	30	-	-	30	-	-	-	43	378	111
SECRETARIES, STENOGRAPHERS, AND TYPISTS	98	72	21	-	12	9	5	-	10	29	39	20
SECRETARIES	60	44	16	-	7	9	-	-	-	29	25	6
RECEPTIONISTS	43	31	12	-	12	-	-	-	18	10	15	-
FILE CLERKS	110	99	11	4	7	-	-	-	24	10	65	11
FINANCIAL RECORDS PROCESSING OCCUPATIONS	777	695	65	32	5	28	17	-	29	87	512	127
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	565	505	49	20	5	24	11	-	19	59	389	82
TELEPHONE OPERATORS	75	75	-	-	-	-	-	-	-	26	49	-
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	1 353	322	1 031	969	27	35	-	-	24	89	804	415
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	2 537	2 439	98	16	41	41	-	-	58	240	1 494	679
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	190	190	-	-	-	-	-	-	-	-	132	49
BANK TELLERS	82	82	-	-	-	-	-	-	6	6	59	11
DATA-ENTRY KEYERS	51	51	-	-	-	-	-	-	-	10	35	6
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	3 068	2 538	487	88	149	250	43	-	134	264	1 821	750
SERVICE OCCUPATIONS	14 338	9 878	4 102	267	883	2 952	333	25	1 640	3 631	5 400	3 156
PRIVATE HOUSEHOLD OCCUPATIONS	84	84	-	-	-	-	-	-	24	24	21	7
PROTECTIVE SERVICE OCCUPATIONS	3 100	1 095	2 005	90	162	1 753	-	-	162	274	1 205	1 414
FIREFIGHTING OCCUPATIONS	500	20	480	5	-	475	-	-	7	-	42	447
POLICE AND DETECTIVES, PUBLIC SERVICE	741	-	741	22	46	673	-	-	-	20	413	293
GUARDS	1 296	974	322	38	106	178	-	-	142	241	441	452
OTHER PROTECTIVE SERVICE OCCUPATIONS	563	101	462	25	10	427	-	-	13	13	309	222
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	11 154	8 699	2 097	177	721	1 199	333	25	1 454	3 333	4 174	1 735
FOOD PREPARATION AND SERVICE OCCUPATIONS	4 500	4 177	240	7	202	31	64	19	824	2 076	877	505
WAITERS AND FOOD COUNTER WORKERS	479	447	12	-	12	-	7	13	107	230	87	34
COOKS	1 725	1 666	46	7	33	6	7	6	266	804	361	209
HEALTH SERVICE OCCUPATIONS	464	349	109	21	66	22	-	6	18	134	240	56
NURSING AIDES, ORDERLIES, AND ATTENDANTS	357	246	105	21	66	18	-	6	18	92	203	34
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	5 564	3 888	1 604	149	387	1 068	72	-	531	1 023	2 816	970
PERSONAL SERVICE OCCUPATIONS	626	285	144	-	66	78	197	-	81	100	241	204
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	296	107	-	-	-	-	189	-	7	19	98	172
FARMING, FORESTRY, AND FISHING OCCUPATIONS	1 972	1 137	250	6	83	161	560	25	148	432	653	672
FARM OPERATORS AND MANAGERS	539	70	-	-	-	-	469	-	23	69	84	348
FARM OCCUPATIONS, EXCEPT MANAGERIAL	302	261	5	-	-	5	11	25	26	130	39	82
RELATED AGRICULTURAL OCCUPATIONS	1 082	771	239	6	83	150	72	-	86	229	500	240
FORESTRY AND FISHING OCCUPATIONS	49	35	6	-	-	6	8	-	13	4	30	2
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	35 854	31 659	1 746	212	370	1 164	2 411	38	667	2 582	19 096	12 414
MECHANICS AND REPAIRERS	11 356	9 876	726	98	155	473	723	31	216	833	6 040	4 036
AUTOMOBILE MECHANICS, INCLUDING BODY	3 090	2 515	184	18	35	131	377	14	78	288	1 549	1 114
AIRCRAFT MECHANICS	53	52	-	-	-	-	1	-	-	-	27	26
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	442	368	28	7	14	7	46	-	17	51	246	120
OTHER MECHANICS AND REPAIRERS	7 771	6 941	514	73	106	335	299	17	121	494	4 218	2 776
CONSTRUCTION TRADES	9 286	7 272	638	56	171	411	1 369	7	344	1 188	5 238	2 156
CARPENTERS	2 122	1 435	140	29	30	81	547	-	120	257	1 246	441
ELECTRICIANS	1 563	1 438	47	6	9	32	78	-	16	119	934	431
PAINTERS, CONSTRUCTION AND MAINTENANCE	573	382	100	-	35	65	91	-	32	78	329	91
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	1 166	1 043	48	-	23	25	75	-	7	95	713	299
OTHER CONSTRUCTION TRADES	3 862	2 974	303	21	74	208	578	7	169	639	2 016	894
EXTRACTIVE OCCUPATIONS	106	95	-	-	-	-	11	-	2	7	43	42
PRECISION PRODUCTION OCCUPATIONS	15 106	14 416	382	58	44	280	308	-	105	554	7 775	6 180
SUPERVISORS, PRODUCTION OCCUPATIONS	6 726	6 483	163	21	22	120	80	-	47	136	3 595	2 751
MANUFACTURING	5 459	5 426	5	5	-	-	28	-	24	91	2 843	2 317
PRECISION METALWORKING OCCUPATIONS	5 875	5 792	32	20	6	6	51	-	32	225	2 844	2 562
TOOL AND DIE MAKERS	1 246	1 234	-	-	-	-	12	-	-	31	708	417
MACHINISTS	3 680	3 623	25	13	6	6	32	-	32	159	1 548	1 847
SHEET METAL WORKERS	447	433	7	7	-	-	7	-	-	17	299	114
OTHER PRECISION METAL WORKERS	502	502	-	-	-	-	-	-	-	18	289	184
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	279	181	6	-	-	6	92	-	6	45	124	82
PLANT AND SYSTEM OPERATORS	565	404	145	-	16	129	16	-	-	6	372	169
OTHER PRECISION PRODUCTION OCCUPATIONS	1 661	1 556	36	17	-	19	69	-	20	142	840	616

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

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

AKRON, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	44 627	41 713	1 998	340	413	1 245	888	28	1 400	5 070	23 957	12 275
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	23 335	22 546	474	89	121	264	296	19	337	1 966	13 767	6 243
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	16 212	15 689	295	25	103	167	216	12	249	1 480	9 343	4 468
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	3 677	3 649	6	-	6	-	22	-	45	211	2 171	1 069
PRINTING MACHINE OPERATORS	929	855	22	-	11	11	52	-	25	53	559	273
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	372	279	14	-	-	14	67	12	35	57	136	134
TEXTILE MACHINE OPERATORS	111	107	-	-	-	-	4	-	-	14	39	58
TEXTILE SEWING MACHINE OPERATORS	13	6	-	-	-	-	7	-	6	-	-	7
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	237	155	14	-	-	14	56	12	29	38	91	69
OTHER SPECIFIED MACHINE OPERATORS	4 862	4 739	93	6	41	46	30	-	80	444	2 718	1 470
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	6 372	6 167	160	19	45	96	45	-	64	715	3 759	1 522
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	3 420	3 366	43	13	6	24	11	-	35	379	2 115	702
MACHINE OPERATORS, NOT SPECIFIED	2 952	2 801	117	6	39	72	34	-	29	336	1 644	820
INDUSTRY:												
MANUFACTURING	5 991	5 899	52	12	12	28	40	-	39	667	3 566	1 412
NONDURABLE GOODS	3 789	3 730	46	6	12	28	13	-	15	530	2 352	696
FOOD AND KINDRED PRODUCTS	88	88	-	-	-	-	-	-	-	-	47	41
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	33	33	-	-	-	-	-	-	-	8	6	19
PAPER AND ALLIED PRODUCTS	172	172	-	-	-	-	-	-	-	1	127	39
OTHER NONDURABLE GOODS	3 496	3 437	46	6	12	28	13	-	15	521	2 172	597
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	2 202	2 169	6	6	-	-	27	-	24	137	1 214	716
METAL INDUSTRIES	914	909	-	-	-	-	5	-	9	55	526	257
MACHINERY, INCLUDING ELECTRICAL	707	687	6	6	-	-	14	-	11	47	359	268
TRANSPORTATION EQUIPMENT	335	335	-	-	-	-	-	-	4	22	184	118
OTHER DURABLE GOODS	246	238	-	-	-	-	8	-	-	13	145	73
NONMANUFACTURING INDUSTRIES	381	268	108	7	33	68	5	-	25	48	193	110
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	47	22	25	-	-	25	-	-	12	-	14	16
WHOLESALE AND RETAIL TRADE	185	160	25	7	-	18	-	-	7	6	106	66
ALL OTHER INDUSTRIES	149	86	58	-	33	25	5	-	6	42	73	28
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	5 174	4 996	105	32	13	60	73	-	77	388	3 192	1 227
WELDERS AND CUTTERS	2 444	2 377	38	17	7	14	29	-	21	112	1 550	617
ASSEMBLERS	2 552	2 460	67	15	6	46	25	-	49	260	1 547	557
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	178	159	-	-	-	-	19	-	7	16	95	53
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 949	1 861	74	32	5	37	7	7	11	98	1 232	548
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	11 715	10 424	781	143	179	459	510	-	346	1 075	5 341	4 444
MOTOR VEHICLE OPERATORS	8 158	7 152	559	43	146	370	447	-	291	811	3 112	3 600
TRUCK DRIVERS AND DRIVER-SALES WORKERS	7 452	6 698	335	43	59	233	419	-	206	613	2 888	3 426
BUS DRIVERS	242	71	165	-	59	106	6	-	27	77	69	62
RAIL AND WATER TRANSPORTATION OCCUPATIONS	380	292	88	88	-	-	-	-	15	29	183	121
MATERIAL MOVING EQUIPMENT OPERATORS	3 177	2 980	134	12	33	89	63	-	40	235	2 046	723
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	182	123	15	-	5	10	44	-	-	1	91	71
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	9 577	8 743	743	108	113	522	82	9	717	2 029	4 849	1 588
CONSTRUCTION LABORERS	1 221	957	258	9	45	204	-	6	82	180	758	140
FREIGHT, STOCK, AND MATERIAL HANDLERS	3 601	3 465	108	36	18	54	28	-	275	1 020	1 591	591
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	770	749	4	4	-	-	17	-	132	239	223	139
HAND PACKERS AND PACKAGERS	634	628	6	-	-	6	-	-	25	80	378	112
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	794	759	35	6	18	11	-	-	104	154	386	93
LABORERS, EXCEPT CONSTRUCTION	2 557	2 185	332	53	32	247	37	3	99	356	1 513	513
MANUFACTURING	1 134	1 104	11	-	-	11	19	-	33	127	729	229
NONDURABLE GOODS	563	563	-	-	-	-	-	-	11	57	355	132
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	571	541	11	-	-	11	19	-	22	70	374	97
METAL INDUSTRIES	271	271	-	-	-	-	-	-	-	41	188	39
NONMANUFACTURING INDUSTRIES	1 423	1 081	321	53	32	236	18	3	66	229	784	284
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	350	194	156	18	10	128	-	-	5	18	238	55
WHOLESALE AND RETAIL TRADE	742	724	-	-	-	-	18	-	27	73	435	200
ALL OTHER INDUSTRIES	331	163	165	35	22	108	-	3	34	138	111	29

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

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

AKRON, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
FEMALES 16 YEARS AND OVER	117 620	91 938	22 104	2 000	5 891	14 213	2 964	614	9 176	28 406	60 233	14 516
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	23 967	13 548	9 461	341	1 950	7 170	853	105	1 637	4 048	12 605	4 672
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	7 566	6 110	1 028	121	289	618	335	93	169	905	4 239	2 081
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	133	-	133	12	12	109	-	-	17	38	57	5
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	352	101	239	-	73	166	12	-	18	43	176	103
MANAGERS, MEDICINE AND HEALTH	179	141	38	2	30	6	-	-	-	13	117	49
OTHER SPECIFIED MANAGERS	1 245	1 105	96	11	18	67	30	14	12	54	825	316
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	3 226	2 937	289	34	97	158	-	-	82	386	1 673	1 012
MANUFACTURING	366	366	-	-	-	-	-	-	2	31	251	74
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	225	214	11	11	-	-	-	-	-	24	133	63
WHOLESALE AND RETAIL TRADE	1 243	1 237	6	-	6	-	-	-	19	144	486	547
ALL OTHER INDUSTRIES	1 392	1 120	272	23	91	158	-	-	61	187	803	328
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	306	-	-	-	-	-	227	79	11	68	85	140
CONSTRUCTION	8	-	-	-	-	-	8	-	-	-	6	-
MANUFACTURING	10	-	-	-	-	-	3	7	-	-	3	7
WHOLESALE AND RETAIL TRADE	164	-	-	-	-	-	127	37	6	38	32	88
ALL OTHER INDUSTRIES	124	-	-	-	-	-	89	35	5	30	44	45
MANAGEMENT RELATED OCCUPATIONS	2 125	1 826	233	62	59	112	66	-	29	303	1 306	456
ACCOUNTANTS AND AUDITORS	820	706	97	11	28	58	17	-	-	105	527	163
BUYERS AND PURCHASING AGENTS	413	380	28	7	7	14	5	-	8	84	222	99
PROFESSIONAL SPECIALTY OCCUPATIONS	16 401	7 438	8 433	220	1 661	6 552	518	12	1 468	3 143	8 366	2 591
ENGINEERS, ARCHITECTS, AND SURVEYORS	202	200	2	-	2	-	-	-	-	12	152	26
ARCHITECTS	17	17	-	-	-	-	-	-	-	7	8	2
ENGINEERS	185	183	2	-	2	-	-	-	-	5	144	24
ELECTRICAL AND ELECTRONIC ENGINEERS	17	17	-	-	-	-	-	-	-	-	17	-
MECHANICAL ENGINEERS	21	21	-	-	-	-	-	-	-	-	13	8
OTHER ENGINEERS	147	145	2	-	2	-	-	-	-	5	114	16
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	188	169	19	-	14	5	-	-	-	12	143	33
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	97	90	7	-	7	-	-	-	-	7	71	19
NATURAL SCIENTISTS	154	127	22	10	6	6	5	-	-	6	120	16
HEALTH DIAGNOSING OCCUPATIONS	158	126	23	-	23	-	9	-	-	57	31	49
PHYSICIANS	119	87	23	-	23	-	9	-	-	31	25	42
DENTISTS	13	13	-	-	-	-	-	-	-	7	6	-
OTHER HEALTH DIAGNOSING PRACTITIONERS	26	26	-	-	-	-	-	-	-	19	-	7
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	4 142	3 294	821	82	243	496	27	-	172	1 096	2 090	626
REGISTERED NURSES	3 463	2 832	618	70	182	366	13	-	128	985	1 721	493
PHARMACISTS	55	55	-	-	-	-	-	-	11	6	16	22
THERAPISTS	430	251	167	-	48	119	12	-	25	70	247	66
TEACHERS, LIBRARIANS, AND COUNSELORS	8 725	1 906	6 597	76	1 099	5 422	216	6	951	1 462	4 528	1 258
TEACHERS, POSTSECONDARY	911	136	775	-	747	28	-	-	158	260	192	176
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	5 143	1 087	4 030	43	100	3 887	26	-	415	781	2 930	715
TEACHERS, SECONDARY	1 261	192	1 069	25	16	1 028	-	-	126	103	732	242
SOCIAL SCIENTISTS AND URBAN PLANNERS	251	79	160	20	38	102	12	-	12	22	119	78
SOCIAL AND RECREATION WORKERS	901	285	602	18	148	436	14	-	40	134	582	131
RELIGIOUS WORKERS	123	118	-	-	-	-	5	-	21	20	21	54
LAWYERS AND JUDGES	113	28	57	-	20	37	28	-	-	10	52	44
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	1 444	1 106	130	14	68	48	202	6	272	312	528	276
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	56 293	46 821	7 997	1 282	2 678	4 037	1 076	399	3 868	12 790	31 614	5 649
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	4 087	3 350	698	75	188	435	39	-	165	763	2 464	507
HEALTH TECHNOLOGISTS AND TECHNICIANS	2 546	2 129	383	58	61	264	34	-	127	599	1 429	291
LICENSED PRACTICAL NURSES	1 252	1 024	194	42	43	109	34	-	39	328	704	111
ENGINEERING AND SCIENCE TECHNICIANS	601	550	51	11	28	12	-	-	15	44	410	89
ELECTRICAL AND ELECTRONIC TECHNICIANS	39	39	-	-	-	-	-	-	-	-	29	6
DRAFTING AND SURVEYING TECHNICIANS	169	164	5	-	-	5	-	-	-	14	121	19
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	940	671	264	6	99	159	5	-	23	120	625	127
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	399	377	22	-	22	-	-	-	5	20	305	55
SALES OCCUPATIONS	14 437	13 180	320	22	215	83	780	157	1 651	5 697	4 837	1 494
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 165	999	7	-	7	-	143	16	22	149	524	440
SELF-EMPLOYED	159	-	-	-	-	-	143	16	6	52	35	66
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	1 745	1 508	8	5	3	-	219	10	170	601	584	283
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	552	499	6	-	6	-	45	2	33	86	322	59
SALES WORKERS, RETAIL AND PERSONAL SERVICES	10 946	10 145	299	17	199	83	373	129	1 426	4 850	3 389	712
CASHIERS	4 967	4 681	252	-	175	77	11	23	426	2 213	1 689	320
SALES RELATED OCCUPATIONS	29	29	-	-	-	-	-	-	-	11	18	-

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

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

RON, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	37 769	30 291	6 979	1 185	2 275	3 519	257	242	2 052	6 330	24 313	3 648
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	1 211	939	257	64	76	117	-	15	39	56	838	231
COMPUTER EQUIPMENT OPERATORS	783	633	150	7	83	60	-	-	34	66	575	79
SECRETARIES, STENOGRAPHERS, AND TYPISTS	15 257	12 129	2 920	269	950	1 701	118	90	684	2 436	10 289	1 362
SECRETARIES	12 948	10 517	2 247	183	686	1 378	94	90	510	1 976	8 850	1 174
RECEPTIONISTS	1 668	1 308	331	65	165	101	10	19	106	481	893	95
FILE CLERKS	514	398	116	12	66	38	-	-	50	129	247	54
FINANCIAL RECORDS PROCESSING OCCUPATIONS	5 469	4 888	420	71	110	239	61	100	286	849	3 606	601
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	4 225	3 757	307	37	84	186	61	100	243	697	2 695	496
TELEPHONE OPERATORS	765	625	140	21	55	64	-	-	82	98	476	66
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	772	332	438	401	37	-	2	-	72	113	415	109
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	981	911	70	6	57	7	-	-	54	131	582	165
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	368	368	-	-	-	-	-	-	6	30	288	22
BANK TELLERS	1 436	1 370	66	41	6	19	-	-	25	362	906	84
DATA-ENTRY KEYERS	1 110	979	131	22	39	70	-	-	43	138	759	149
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	7 435	5 411	1 940	206	631	1 103	66	18	571	1 441	4 439	631
RVICE OCCUPATIONS	23 384	18 857	3 703	287	1 109	2 307	761	63	2 997	8 914	8 406	2 020
RIVATE HOUSEHOLD OCCUPATIONS	1 055	1 055	-	-	-	-	-	-	395	350	198	74
ROTECTIVE SERVICE OCCUPATIONS	406	181	212	7	29	176	13	-	87	116	123	44
FIREFIGHTING OCCUPATIONS	2	-	2	-	-	2	-	-	2	-	-	-
POLICE AND DETECTIVES, PUBLIC SERVICE	36	-	36	-	-	36	-	-	-	-	24	12
GUARDS	349	181	155	7	29	119	13	-	85	110	86	32
OTHER PROTECTIVE SERVICE OCCUPATIONS	19	-	19	-	-	19	-	-	-	6	13	-
ERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	21 923	17 621	3 491	280	1 080	2 131	748	63	2 515	8 448	8 085	1 902
FOOD PREPARATION AND SERVICE OCCUPATIONS	11 543	10 033	1 390	73	377	940	92	28	1 505	5 403	3 159	937
WAITERS AND FOOD COUNTER WORKERS	5 932	5 809	68	14	27	27	45	10	836	3 007	1 392	438
COOKS	2 926	2 430	457	15	105	337	21	18	229	1 278	980	301
HEALTH SERVICE OCCUPATIONS	4 311	3 483	793	143	345	305	22	13	128	981	2 654	352
NURSING AIDES, ORDERLIES, AND ATTENDANTS	3 037	2 284	724	130	326	268	22	7	98	633	1 892	235
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	2 704	2 087	558	8	203	347	42	17	414	778	1 169	232
PERSONAL SERVICE OCCUPATIONS	3 365	2 018	750	56	155	539	592	5	468	1 286	1 103	381
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	1 576	1 191	9	5	-	4	371	5	164	651	543	169
RMING, FORESTRY, AND FISHING OCCUPATIONS	411	228	35	10	18	7	116	32	72	126	121	92
ARM OPERATORS AND MANAGERS	104	24	-	-	-	-	80	-	14	20	37	33
ARM OCCUPATIONS, EXCEPT MANAGERIAL	169	121	8	8	-	-	13	27	5	62	63	39
ELATED AGRICULTURAL OCCUPATIONS	138	83	27	2	18	7	23	5	53	44	21	20
ORESTRY AND FISHING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
RECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	2 005	1 796	87	11	19	57	117	5	61	332	1 107	410
ECHANICS AND REPAIRERS	293	261	11	-	3	8	16	5	10	38	178	65
AUTOMOBILE MECHANICS, INCLUDING BODY	27	13	8	-	-	8	6	-	-	6	21	-
AIRCRAFT MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	6	6	-	-	-	-	-	-	-	-	6	-
OTHER MECHANICS AND REPAIRERS	260	242	3	-	3	-	10	5	10	32	151	65
CONSTRUCTION TRADES	128	65	18	-	7	11	45	-	23	35	36	22
CARPENTERS	33	15	6	-	-	6	12	-	2	8	13	10
ELECTRICIANS	14	7	7	-	7	-	-	-	-	7	7	-
PAINTERS, CONSTRUCTION AND MAINTENANCE	23	17	-	-	-	-	6	-	6	10	-	-
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER CONSTRUCTION TRADES	58	26	5	-	-	5	27	-	15	10	16	12
EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	1 584	1 470	58	11	9	38	56	-	28	259	893	323
SUPERVISORS, PRODUCTION OCCUPATIONS	626	578	39	6	9	24	9	-	6	55	383	171
MANUFACTURING	296	290	6	-	-	6	-	-	-	6	193	97
PRECISION METALWORKING OCCUPATIONS	207	189	9	-	-	9	9	-	-	32	108	56
TOOL AND DIE MAKERS	34	34	-	-	-	-	-	-	-	5	21	8
MACHINISTS	117	108	9	-	-	9	-	-	-	20	61	25
SHEET METAL WORKERS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER PRECISION METAL WORKERS	56	47	-	-	-	-	9	-	-	7	26	23
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	226	189	5	5	-	-	32	-	16	71	106	16
PLANT AND SYSTEM OPERATORS	7	2	5	-	-	5	-	-	-	-	5	2
OTHER PRECISION PRODUCTION OCCUPATIONS	518	512	-	-	-	-	6	-	6	101	291	78

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

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

AKRON, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	11 560	10 688	821	69	117	635	41	10	541	2 196	6 380	1 673
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	8 496	8 246	214	52	84	78	35	1	199	1 233	5 109	1 321
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	5 378	5 182	162	40	80	42	33	1	101	790	3 302	806
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	751	750	1	1	-	-	-	-	11	46	475	182
PRINTING MACHINE OPERATORS	481	457	24	5	18	1	-	-	14	121	266	74
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	1 001	926	57	28	17	12	18	-	31	286	536	70
TEXTILE MACHINE OPERATORS	64	62	-	-	-	-	2	-	-	21	27	8
TEXTILE SEWING MACHINE OPERATORS	364	352	6	6	-	-	6	-	5	104	223	9
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	447	386	51	22	17	12	10	-	23	117	243	49
OTHER SPECIFIED MACHINE OPERATORS	1 477	1 414	56	6	33	17	7	-	6	154	955	226
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	1 668	1 635	24	-	12	12	8	1	39	183	1 070	254
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	534	514	12	-	-	12	8	-	19	67	357	57
MACHINE OPERATORS, NOT SPECIFIED	1 134	1 121	12	-	12	-	-	1	20	116	713	197
INDUSTRY:												
MANUFACTURING	1 536	1 527	-	-	-	-	8	1	34	148	996	236
NONDURABLE GOODS	836	828	-	-	-	-	8	-	23	86	559	108
FOOD AND KINDRED PRODUCTS	33	33	-	-	-	-	-	-	-	14	12	7
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	26	26	-	-	-	-	-	-	-	-	17	4
PAPER AND ALLIED PRODUCTS	73	73	-	-	-	-	-	-	-	-	68	5
OTHER NONDURABLE GOODS	704	696	-	-	-	-	8	-	23	72	462	92
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	700	699	-	-	-	-	-	1	11	62	437	128
METAL INDUSTRIES	166	166	-	-	-	-	-	-	8	19	72	35
MACHINERY, INCLUDING ELECTRICAL	280	280	-	-	-	-	-	-	3	2	202	62
TRANSPORTATION EQUIPMENT	51	51	-	-	-	-	-	-	-	2	36	13
OTHER DURABLE GOODS	203	202	-	-	-	-	-	1	-	39	127	18
NONMANUFACTURING INDUSTRIES	132	108	24	-	12	12	-	-	5	35	74	18
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	6	6	-	-	-	-	-	-	-	-	6	-
WHOLESALE AND RETAIL TRADE	7	7	-	-	-	-	-	-	-	-	7	-
ALL OTHER INDUSTRIES	119	95	24	-	12	12	-	-	5	35	61	18
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	2 161	2 118	41	5	-	36	2	-	80	294	1 272	305
WELDERS AND CUTTERS	150	145	5	-	-	5	-	-	-	21	95	9
ASSEMBLERS	1 827	1 794	31	-	-	31	2	-	64	219	1 092	274
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	184	179	5	5	-	-	-	-	16	54	85	22
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	957	946	11	7	4	-	-	-	18	149	535	210
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	1 100	560	538	4	16	518	2	-	167	443	337	110
MOTOR VEHICLE OPERATORS	946	414	530	4	8	518	2	-	152	417	253	89
TRUCK DRIVERS AND DRIVER-SALES WORKERS	215	205	10	-	3	7	-	-	21	28	78	75
BUS DRIVERS	600	119	481	-	5	476	-	-	100	372	107	4
RAIL AND WATER TRANSPORTATION OCCUPATIONS	5	5	-	-	-	-	-	-	-	-	5	-
MATERIAL MOVING EQUIPMENT OPERATORS	149	141	8	-	8	-	-	-	15	26	79	21
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	1 964	1 882	69	13	17	39	4	9	175	520	934	242
CONSTRUCTION LABORERS	16	16	-	-	-	-	-	-	14	-	2	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	505	490	13	6	7	-	2	-	25	160	236	48
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	96	96	-	-	-	-	-	-	17	39	28	12
HAND PACKERS AND PACKAGERS	749	745	-	-	-	-	2	2	54	174	378	112
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	49	43	6	-	-	6	-	-	5	8	23	13
LABORERS, EXCEPT CONSTRUCTION	549	492	50	7	10	33	-	7	60	139	267	57
MANUFACTURING	318	308	5	-	-	5	-	5	20	55	174	54
NONDURABLE GOODS	153	153	-	-	-	-	-	-	10	28	109	2
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	165	155	5	-	-	5	-	5	10	27	65	52
METAL INDUSTRIES	21	21	-	-	-	-	-	-	-	6	10	5
NONMANUFACTURING INDUSTRIES	231	184	45	7	10	28	-	2	40	84	93	3
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	20	13	7	7	-	-	-	-	7	11	2	-
WHOLESALE AND RETAIL TRADE	85	67	16	-	-	16	-	2	7	10	65	-
ALL OTHER INDUSTRIES	126	104	22	-	10	12	-	-	26	63	26	3

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

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

AKRON, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
WHITE												
MALES 16 YEARS AND OVER	155 528	130 382	16 497	2 126	4 544	9 827	8 491	158	4 982	14 813	76 213	54 752
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	38 999	28 737	7 409	445	2 595	4 369	2 826	27	690	1 907	18 036	17 449
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	21 738	18 184	2 247	288	688	1 271	1 282	25	190	628	9 445	11 080
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	433	6	427	39	88	300	-	-	21	12	275	118
MANAGEMENT RELATED OCCUPATIONS	4 221	3 329	640	144	217	279	252	-	48	158	2 554	1 415
PROFESSIONAL SPECIALTY OCCUPATIONS	17 261	10 553	5 162	157	1 907	3 098	1 544	2	500	1 279	8 591	6 369
ENGINEERS AND NATURAL SCIENTISTS	6 164	5 708	357	52	153	152	99	-	28	187	4 242	1 571
ENGINEERS	4 640	4 421	166	38	53	75	53	-	22	137	3 230	1 153
HEALTH DIAGNOSING OCCUPATIONS	1 406	865	19	6	2	11	522	-	6	84	370	889
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	437	346	74	11	23	40	17	-	-	39	169	223
TEACHERS, LIBRARIANS, AND COUNSELORS	4 843	780	4 034	34	1 521	2 479	29	-	282	520	2 113	1 701
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	2 665	319	2 346	4	57	2 285	-	-	76	106	1 423	947
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	27 930	24 029	2 244	1 109	473	662	1 622	35	835	2 243	14 236	9 965
HEALTH TECHNOLOGISTS AND TECHNICIANS	356	318	38	-	5	33	-	-	5	69	183	85
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	4 716	4 300	371	56	132	183	39	6	65	358	3 013	1 185
SALES OCCUPATIONS	13 357	11 671	139	17	109	13	1 518	29	469	1 137	5 397	6 047
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	2 706	2 269	38	6	21	11	388	11	13	54	768	1 846
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	6 349	5 576	13	11	-	2	753	7	84	271	3 213	2 631
OTHER SALES OCCUPATIONS	4 302	3 826	88	-	88	-	377	11	372	812	1 416	1 570
CASHIERS	591	539	42	-	42	-	10	-	35	216	215	90
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	9 501	7 740	1 696	1 036	227	433	65	-	296	679	5 643	2 648
COMPUTER EQUIPMENT OPERATORS	489	464	25	-	-	25	-	-	-	43	334	98
SECRETARIES, STENOGRAPHERS, AND TYPISTS	83	57	21	-	12	9	5	-	10	29	31	13
FINANCIAL RECORDS PROCESSING OCCUPATIONS	725	649	59	26	5	28	17	-	29	71	476	127
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	1 168	254	914	855	24	35	-	-	24	60	677	386
SERVICE OCCUPATIONS	12 482	8 614	3 543	154	693	2 696	300	25	1 382	3 252	4 516	2 873
PRIVATE HOUSEHOLD OCCUPATIONS	69	69	-	-	-	-	-	-	24	24	6	7
PROTECTIVE SERVICE OCCUPATIONS	2 855	974	1 881	67	129	1 685	-	-	140	235	1 095	1 347
POLICE AND FIREFIGHTERS	1 208	20	1 188	27	46	1 115	-	-	7	11	448	723
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	9 558	7 571	1 662	87	564	1 011	300	25	1 218	2 993	3 415	1 519
FOOD SERVICE OCCUPATIONS	4 027	3 770	181	-	168	13	57	19	715	1 903	767	451
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	4 668	3 273	1 323	80	326	917	72	-	419	871	2 314	858
FARMING, FORESTRY, AND FISHING OCCUPATIONS	1 873	1 057	233	6	83	144	558	25	146	397	598	672
FARM OPERATORS AND MANAGERS	529	62	-	-	-	-	467	-	21	63	82	348
FARM WORKERS AND RELATED OCCUPATIONS	1 300	965	227	6	83	138	83	25	112	330	491	322
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	34 368	30 390	1 609	185	351	1 073	2 339	30	646	2 445	18 151	12 105
MECHANICS AND REPAIRERS	10 943	9 533	677	82	155	440	710	23	208	775	5 779	3 965
CONSTRUCTION TRADES	8 917	7 025	554	45	152	357	1 331	7	338	1 155	4 997	2 108
PRECISION PRODUCTION OCCUPATIONS	14 402	13 737	378	58	44	276	287	-	98	508	7 332	5 990
OPERATORS, FABRICATORS, AND LABORERS	39 876	37 555	1 459	227	349	883	846	16	1 283	4 569	20 676	11 688
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	14 299	13 868	225	25	65	135	206	-	213	1 294	7 970	4 213
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	6 276	6 064	131	47	12	72	74	7	72	413	3 816	1 693
TRANSPORTATION OCCUPATIONS	7 947	7 023	503	117	131	255	421	-	282	775	2 934	3 621
MOTOR VEHICLE OPERATORS	7 577	6 738	418	32	131	255	421	-	267	746	2 754	3 507
MATERIAL MOVING EQUIPMENT OPERATORS	2 835	2 652	120	4	33	83	63	-	35	197	1 813	670
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	8 519	7 948	480	34	108	338	82	9	681	1 890	4 143	1 491
CONSTRUCTION LABORERS	1 093	873	214	4	45	165	-	6	80	152	665	135
FREIGHT, STOCK, AND MATERIAL HANDLERS	3 360	3 283	49	13	18	18	28	-	260	994	1 444	565

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

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AKRON, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
WHITE												
FEMALES 16 YEARS AND OVER	106 840	84 636	18 779	1 353	4 830	12 596	2 825	600	8 583	26 380	53 498	13 697
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	22 324	12 810	8 572	251	1 719	6 602	844	98	1 560	3 842	11 484	4 494
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	7 164	5 865	882	98	242	542	331	86	165	880	3 953	2 008
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	115	-	115	7	12	96	-	-	17	33	52	5
MANAGEMENT RELATED OCCUPATIONS	2 013	1 748	199	62	47	90	66	-	29	288	1 217	448
PROFESSIONAL SPECIALTY OCCUPATIONS	15 160	6 945	7 690	153	1 477	6 060	513	12	1 395	2 962	7 531	2 486
ENGINEERS AND NATURAL SCIENTISTS	460	417	43	10	22	11	-	-	-	23	366	54
ENGINEERS	146	144	2	-	2	-	-	-	-	5	119	17
HEALTH DIAGNOSING OCCUPATIONS	139	107	23	-	23	-	9	-	-	49	20	49
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	3 864	3 132	705	46	204	455	27	-	166	1 061	1 880	618
TEACHERS, LIBRARIANS, AND COUNSELORS	8 122	1 792	6 108	53	995	5 060	216	6	901	1 381	4 121	1 209
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	5 948	1 185	4 737	45	98	4 594	26	-	516	835	3 331	915
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	52 226	44 060	6 749	956	2 247	3 546	1 025	392	3 678	12 128	28 888	5 397
HEALTH TECHNOLOGISTS AND TECHNICIANS	2 163	1 834	301	26	40	235	28	-	106	536	1 158	268
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	1 431	1 139	287	11	118	158	5	-	36	136	955	216
SALES OCCUPATIONS	13 857	12 671	284	22	192	70	752	150	1 607	5 517	4 561	1 446
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 083	935	7	-	7	-	125	16	22	131	474	426
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	2 243	1 956	11	5	6	-	264	12	203	672	879	335
OTHER SALES OCCUPATIONS	10 531	9 780	266	17	179	70	363	122	1 382	4 714	3 208	685
CASHIERS	4 777	4 524	219	-	155	64	11	23	410	2 150	1 604	306
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	34 775	28 416	5 877	897	1 897	3 083	240	242	1 929	5 939	22 214	3 467
COMPUTER EQUIPMENT OPERATORS	703	595	108	7	64	37	-	-	27	65	503	79
SECRETARIES, STENOGRAPHERS, AND TYPISTS	14 340	11 557	2 575	215	792	1 568	118	90	630	2 331	9 588	1 322
FINANCIAL RECORDS PROCESSING OCCUPATIONS	5 261	4 718	382	46	105	231	61	100	286	824	3 447	583
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	677	312	363	326	37	-	2	-	72	108	367	89
SERVICE OCCUPATIONS	19 905	16 489	2 658	110	737	1 811	695	63	2 728	8 017	6 476	1 787
PRIVATE HOUSEHOLD OCCUPATIONS	790	790	-	-	-	-	-	-	318	242	128	72
PROTECTIVE SERVICE OCCUPATIONS	362	175	174	7	29	138	13	-	80	98	104	44
POLICE AND FIREFIGHTERS	30	-	30	-	-	30	-	-	2	-	16	12
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	18 753	15 524	2 484	103	708	1 673	682	63	2 330	7 677	6 244	1 671
FOOD SERVICE OCCUPATIONS	10 669	9 348	1 201	33	320	848	92	28	1 414	5 087	2 795	894
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	2 086	1 634	404	2	153	249	31	17	387	612	833	169
FARMING, FORESTRY, AND FISHING OCCUPATIONS	400	225	27	2	18	7	116	32	72	126	110	92
FARM OPERATORS AND MANAGERS	104	24	-	-	-	-	80	-	14	20	37	33
FARM WORKERS AND RELATED OCCUPATIONS	296	201	27	2	18	7	36	32	58	106	73	59
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	1 813	1 635	59	-	19	40	114	5	61	297	980	380
MECHANICS AND REPAIRERS	251	219	11	-	3	8	16	5	10	38	155	46
CONSTRUCTION TRADES	117	65	7	-	7	-	45	-	23	35	25	22
PRECISION PRODUCTION OCCUPATIONS	1 445	1 351	41	-	9	32	53	-	28	224	800	312
OPERATORS, FABRICATORS, AND LABORERS	10 172	9 417	714	34	90	590	31	10	484	1 970	5 560	1 547
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	4 628	4 494	110	12	61	37	23	1	84	694	2 830	752
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	2 776	2 729	45	5	4	36	2	-	78	361	1 633	487
TRANSPORTATION OCCUPATIONS	858	366	490	4	8	478	2	-	139	413	199	72
MOTOR VEHICLE OPERATORS	853	361	490	4	8	478	2	-	139	413	194	72
MATERIAL MOVING EQUIPMENT OPERATORS	122	122	-	-	-	-	-	-	15	26	58	21
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	1 788	1 706	69	13	17	39	4	9	168	476	840	215
CONSTRUCTION LABORERS	16	16	-	-	-	-	-	-	14	-	2	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	486	471	13	6	7	-	2	-	25	141	236	48

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AKRON, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS TOTAL	FEDERAL	STATE	LOCAL	SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
BLACK												
MALES 16 YEARS AND OVER	10 071	7 963	1 902	472	441	989	198	8	413	1 255	6 361	1 581
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	979	529	403	40	145	218	47	-	27	86	543	271
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	430	286	134	24	45	65	10	-	-	21	247	135
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	27	-	27	14	7	6	-	-	-	-	21	6
MANAGEMENT RELATED OCCUPATIONS	97	69	28	6	5	17	-	-	-	-	81	12
PROFESSIONAL SPECIALTY OCCUPATIONS	549	243	269	16	100	153	37	-	27	65	296	136
ENGINEERS AND NATURAL SCIENTISTS	98	87	11	5	-	6	-	-	-	-	83	15
ENGINEERS	69	64	5	5	-	-	-	-	-	-	54	15
HEALTH DIAGNOSING OCCUPATIONS	57	47	-	-	-	-	10	-	-	-	20	37
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	28	-	28	-	9	19	-	-	-	6	9	13
TEACHERS, LIBRARIANS, AND COUNSELORS	157	17	140	-	75	65	-	-	17	30	79	18
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	64	5	59	-	7	52	-	-	-	10	43	11
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1 395	1 066	293	181	50	62	36	-	25	188	905	248
HEALTH TECHNOLOGISTS AND TECHNICIANS	34	21	6	6	-	-	7	-	-	-	17	17
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	232	220	12	-	7	5	-	-	-	4	170	51
SALES OCCUPATIONS	288	252	7	7	-	-	29	-	12	44	166	53
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	65	45	-	-	-	-	20	-	-	13	47	-
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	130	114	7	7	-	-	9	-	-	5	84	33
OTHER SALES OCCUPATIONS	93	93	-	-	-	-	-	-	12	26	35	20
CASHIERS	36	36	-	-	-	-	-	-	12	9	8	7
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	841	573	268	168	43	57	-	-	13	140	552	127
COMPUTER EQUIPMENT OPERATORS	57	52	5	-	-	5	-	-	-	-	44	13
SECRETARIES, STENOGRAPHERS, AND TYPISTS	15	15	-	-	-	-	-	-	-	-	8	7
FINANCIAL RECORDS PROCESSING OCCUPATIONS	52	46	6	6	-	-	-	-	-	16	36	-
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	185	68	117	114	3	-	-	-	-	29	127	29
SERVICE OCCUPATIONS	1 757	1 195	529	111	169	249	33	-	239	347	851	268
PRIVATE HOUSEHOLD OCCUPATIONS	15	15	-	-	-	-	-	-	-	-	15	-
PROTECTIVE SERVICE OCCUPATIONS	217	114	103	23	19	61	-	-	20	25	103	62
POLICE AND FIREFIGHTERS	26	-	26	-	-	26	-	-	-	9	-	17
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	1 525	1 066	426	88	150	188	33	-	219	322	733	206
FOOD SERVICE OCCUPATIONS	443	377	59	7	34	18	7	-	98	171	103	44
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	861	589	272	67	54	151	-	-	106	142	483	112
FARMING, FORESTRY, AND FISHING OCCUPATIONS	95	78	17	-	-	17	-	-	-	35	53	-
FARM OPERATORS AND MANAGERS	6	6	-	-	-	-	-	-	-	6	-	-
FARM WORKERS AND RELATED OCCUPATIONS	84	67	17	-	-	17	-	-	-	29	48	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	1 342	1 147	137	27	19	91	50	8	15	125	864	271
MECHANICS AND REPAIRERS	390	320	49	16	-	33	13	8	8	58	251	58
CONSTRUCTION TRADES	332	226	84	11	19	54	22	-	-	27	216	48
PRECISION PRODUCTION OCCUPATIONS	620	601	4	-	-	4	15	-	7	40	397	165
OPERATORS, FABRICATORS, AND LABORERS	4 503	3 948	523	113	58	352	32	-	107	474	3 145	523
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	1 816	1 752	64	-	32	32	-	-	28	174	1 330	221
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	796	742	48	17	6	25	6	-	16	68	583	61
TRANSPORTATION OCCUPATIONS	540	380	134	14	15	105	26	-	24	65	328	93
MOTOR VEHICLE OPERATORS	537	380	131	11	15	105	26	-	24	65	325	93
MATERIAL MOVING EQUIPMENT OPERATORS	331	317	14	8	-	6	-	-	5	34	226	53
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	1 020	757	263	74	5	184	-	-	34	133	678	95
CONSTRUCTION LABORERS	116	72	44	5	-	39	-	-	-	28	83	5
FREIGHT, STOCK, AND MATERIAL HANDLERS	235	176	59	23	-	36	-	-	15	26	141	26

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

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

AKRON, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS TOTAL	GOVERNMENT WORKERS FEDERAL	GOVERNMENT WORKERS STATE	GOVERNMENT WORKERS LOCAL	SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
BLACK												
FEMALES 16 YEARS AND OVER	10 047	6 740	3 204	634	999	1 571	103	-	546	1 809	6 371	749
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	1 444	616	824	88	195	541	4	-	65	150	1 023	157
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	367	223	140	23	41	76	4	-	4	19	264	66
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	18	-	18	5	-	13	-	-	-	5	5	-
MANAGEMENT RELATED OCCUPATIONS	106	78	28	-	6	22	-	-	-	9	89	8
PROFESSIONAL SPECIALTY OCCUPATIONS	1 077	393	684	65	154	465	-	-	61	131	759	91
ENGINEERS AND NATURAL SCIENTISTS	47	47	-	-	-	-	-	-	-	-	33	7
ENGINEERS	34	34	-	-	-	-	-	-	-	-	20	7
HEALTH DIAGNOSING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	246	130	116	36	39	41	-	-	6	28	192	8
TEACHERS, LIBRARIANS, AND COUNSELORS	555	114	441	23	74	344	-	-	45	67	378	49
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	429	94	335	23	9	303	-	-	25	40	313	42
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	3 798	2 543	1 215	322	411	482	40	-	188	555	2 591	243
HEALTH TECHNOLOGISTS AND TECHNICIANS	342	254	82	32	21	29	6	-	21	57	241	23
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	77	60	17	6	-	11	-	-	-	19	58	-
SALES OCCUPATIONS	501	448	36	-	23	13	17	-	44	123	263	44
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	75	64	-	-	-	-	11	-	-	11	50	14
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	45	42	3	-	3	-	-	-	-	6	27	7
OTHER SALES OCCUPATIONS	381	342	33	-	20	13	6	-	44	106	186	23
CASHIERS	173	140	33	-	20	13	-	-	16	46	85	14
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	2 878	1 781	1 080	284	367	429	17	-	123	356	2 029	176
COMPUTER EQUIPMENT OPERATORS	74	32	42	-	19	23	-	-	7	1	66	-
SECRETARIES, STENOGRAPHERS, AND TYPISTS	870	537	333	54	153	126	-	-	54	87	672	40
FINANCIAL RECORDS PROCESSING OCCUPATIONS	190	152	38	25	5	8	-	-	-	25	152	13
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	95	20	75	75	-	-	-	-	-	5	48	20
SERVICE OCCUPATIONS	3 325	2 234	1 032	170	372	490	59	-	236	865	1 870	209
PRIVATE HOUSEHOLD OCCUPATIONS	261	261	-	-	-	-	-	-	77	104	70	2
PROTECTIVE SERVICE OCCUPATIONS	38	6	32	-	-	32	-	-	7	18	13	-
POLICE AND FIREFIGHTERS	8	-	8	-	-	8	-	-	-	-	8	-
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	3 026	1 967	1 000	170	372	458	59	-	152	743	1 787	207
FOOD SERVICE OCCUPATIONS	786	597	189	40	57	92	-	-	58	295	344	31
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	605	440	154	6	50	98	11	-	27	166	323	63
FARMING, FORESTRY, AND FISHING OCCUPATIONS	11	3	8	8	-	-	-	-	-	-	11	-
FARM OPERATORS AND MANAGERS	-	-	-	-	-	-	-	-	-	-	-	-
FARM WORKERS AND RELATED OCCUPATIONS	11	3	8	8	-	-	-	-	-	-	11	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	172	144	28	11	-	17	-	-	-	25	117	30
MECHANICS AND REPAIRERS	42	42	-	-	-	-	-	-	-	-	23	19
CONSTRUCTION TRADES	11	-	11	-	-	11	-	-	-	-	11	-
PRECISION PRODUCTION OCCUPATIONS	119	102	17	11	-	6	-	-	-	25	83	11
OPERATORS, FABRICATORS, AND LABORERS	1 297	1 200	97	35	21	41	-	-	57	214	759	110
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	697	651	46	28	13	5	-	-	17	84	440	47
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	319	312	7	7	-	-	-	-	20	82	160	19
TRANSPORTATION OCCUPATIONS	89	53	36	-	-	36	-	-	13	4	55	17
MOTOR VEHICLE OPERATORS	89	53	36	-	-	36	-	-	13	4	55	17
MATERIAL MOVING EQUIPMENT OPERATORS	21	13	8	-	8	-	-	-	-	-	15	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	171	171	-	-	-	-	-	-	7	44	89	27
CONSTRUCTION LABORERS	-	-	-	-	-	-	-	-	-	-	-	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	19	19	-	-	-	-	-	-	-	19	-	-

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

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

CANTON, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
MALES 16 YEARS AND OVER	102 023	87 195	8 461	1 577	1 407	5 477	6 184	183	2 758	8 154	54 078	33 974
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	20 524	15 248	3 384	259	740	2 385	1 872	20	279	635	9 892	9 376
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	11 275	9 144	1 168	211	300	657	943	20	71	311	4 984	5 769
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	195	-	195	19	27	149	-	-	-	2	93	100
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	391	45	346	-	85	261	-	-	6	-	139	246
MANAGERS, MEDICINE AND HEALTH	77	71	6	-	6	-	-	-	-	-	25	52
OTHER SPECIFIED MANAGERS	2 126	1 960	83	49	-	34	83	-	14	34	910	1 141
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	5 440	5 235	205	23	56	126	-	-	23	114	2 155	3 092
MANUFACTURING	2 053	2 053	-	-	-	-	-	-	7	20	973	1 027
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	471	435	36	10	-	26	-	-	-	-	233	238
WHOLESALE AND RETAIL TRADE	1 430	1 417	13	2	11	-	-	-	11	21	336	1 042
ALL OTHER INDUSTRIES	1 486	1 330	156	11	45	100	-	-	5	73	613	785
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	687	-	-	-	-	-	667	20	14	71	209	374
CONSTRUCTION	157	-	-	-	-	-	157	-	7	38	54	44
MANUFACTURING	67	-	-	-	-	-	67	-	-	13	29	20
WHOLESALE AND RETAIL TRADE	275	-	-	-	-	-	255	20	-	15	70	190
ALL OTHER INDUSTRIES	188	-	-	-	-	-	188	-	7	5	56	120
MANAGEMENT RELATED OCCUPATIONS	2 359	1 833	333	120	126	87	193	-	14	90	1 453	764
ACCOUNTANTS AND AUDITORS	925	743	60	13	28	19	122	-	7	43	532	328
BUYERS AND PURCHASING AGENTS	488	465	6	6	-	-	17	-	-	9	320	148
PROFESSIONAL SPECIALTY OCCUPATIONS	9 249	6 104	2 216	48	440	1 728	929	-	208	324	4 908	3 607
ENGINEERS, ARCHITECTS, AND SURVEYORS	3 062	2 937	71	-	21	50	54	-	49	59	2 104	807
ARCHITECTS	66	53	-	-	-	-	13	-	7	-	38	21
ENGINEERS	2 984	2 879	71	-	21	50	34	-	40	59	2 061	781
ELECTRICAL AND ELECTRONIC ENGINEERS	539	539	-	-	-	-	-	-	13	25	399	89
MECHANICAL ENGINEERS	645	628	5	-	5	-	12	-	-	19	444	170
OTHER ENGINEERS	1 800	1 712	66	-	16	50	22	-	27	15	1 218	522
SURVEYORS AND MAPPING SCIENTISTS	12	5	-	-	-	-	7	-	2	-	5	5
MATHEMATICAL AND COMPUTER SCIENTISTS	239	226	6	-	-	6	7	-	-	16	125	98
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	126	126	-	-	-	-	-	-	-	2	61	63
NATURAL SCIENTISTS	313	239	74	19	17	38	-	-	-	7	268	31
HEALTH DIAGNOSING OCCUPATIONS	787	447	14	4	10	-	326	-	7	74	211	468
PHYSICIANS	429	320	14	4	10	-	95	-	5	19	50	341
DENTISTS	231	91	-	-	-	-	140	-	-	34	122	62
OTHER HEALTH DIAGNOSING PRACTITIONERS	127	36	-	-	-	-	91	-	2	21	39	65
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	340	287	27	8	8	11	26	-	12	34	110	171
REGISTERED NURSES	51	39	-	-	-	-	12	-	-	3	32	16
PHARMACISTS	176	154	16	8	8	-	6	-	12	16	41	100
THERAPISTS	61	56	5	-	-	5	-	-	-	7	27	27
TEACHERS, LIBRARIANS, AND COUNSELORS	2 277	487	1 752	7	269	1 476	38	-	86	89	1 152	869
TEACHERS, POSTSECONDARY	269	116	153	-	147	6	-	-	14	33	56	132
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	975	126	849	7	41	801	-	-	24	14	564	356
TEACHERS, SECONDARY	748	144	604	-	34	570	-	-	14	9	408	292
SOCIAL SCIENTISTS AND URBAN PLANNERS	173	140	33	-	8	25	-	-	-	-	72	95
SOCIAL AND RECREATION WORKERS	177	88	89	-	42	47	-	-	5	-	84	88
RELIGIOUS WORKERS	600	504	-	-	-	-	96	-	6	9	108	472
LAWYERS AND JUDGES	507	137	125	10	45	70	245	-	8	5	199	284
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	774	612	25	-	20	5	137	-	35	31	475	224
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	16 109	13 854	1 103	711	121	271	1 114	38	530	1 127	8 428	5 577
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	2 738	2 563	161	43	23	95	14	-	23	89	1 948	623
HEALTH TECHNOLOGISTS AND TECHNICIANS	195	176	19	-	5	14	-	-	-	15	101	65
LICENSED PRACTICAL NURSES	17	12	5	-	5	-	-	-	-	-	10	7
ENGINEERING AND SCIENCE TECHNICIANS	1 780	1 713	58	7	12	39	9	-	23	51	1 302	375
ELECTRICAL AND ELECTRONIC TECHNICIANS	246	235	4	-	-	4	7	-	5	6	160	75
DRAFTING AND SURVEYING TECHNICIANS	683	656	25	-	7	18	2	-	-	21	499	152
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	763	674	84	36	6	42	5	-	-	23	545	183
AIRPLANE PILOTS AND NAVIGATORS	55	55	-	-	-	-	-	-	-	6	24	25
COMPUTER PROGRAMMERS	374	352	17	-	-	17	5	-	-	11	254	104
SALES OCCUPATIONS	7 419	6 258	43	-	37	6	1 080	38	339	615	3 012	3 238
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 293	932	5	-	5	-	347	9	17	45	417	793
SELF-EMPLOYED	356	-	-	-	-	-	347	9	7	19	114	216
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	1 622	1 271	6	-	-	6	339	6	93	110	734	643
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	2 031	1 870	7	-	7	-	154	-	19	92	1 010	831
SALES WORKERS, RETAIL AND PERSONAL SERVICES	2 441	2 168	25	-	25	-	225	23	205	368	835	960
CASHIERS	252	232	6	-	6	-	6	8	15	93	66	64
SALES RELATED OCCUPATIONS	32	17	-	-	-	-	15	-	5	-	16	11

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

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

CANTON, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	5 952	5 033	899	668	61	170	20	-	168	423	3 468	1 716
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	883	715	159	75	13	71	9	-	6	7	555	293
COMPUTER EQUIPMENT OPERATORS	286	283	3	3	-	-	-	-	6	-	200	80
SECRETARIES, STENOGRAPHERS, AND TYPISTS	92	67	25	8	-	17	-	-	-	16	65	11
SECRETARIES	50	41	9	-	-	9	-	-	-	8	31	11
RECEPTIONISTS	33	33	-	-	-	-	-	-	16	-	11	-
FILE CLERKS	29	29	-	-	-	-	-	-	-	7	22	-
FINANCIAL RECORDS PROCESSING OCCUPATIONS	463	439	19	6	9	4	5	-	21	34	258	137
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	247	227	15	6	9	-	5	-	7	29	121	84
TELEPHONE OPERATORS	15	15	-	-	-	-	-	-	-	2	13	-
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	719	179	540	531	-	9	-	-	41	23	393	195
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	1 450	1 438	12	5	-	7	-	-	14	179	849	382
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	54	54	-	-	-	-	-	-	-	-	26	21
BANK TELLERS	17	17	-	-	-	-	-	-	-	-	11	6
DATA-ENTRY KEYERS	18	18	-	-	-	-	-	-	-	-	14	4
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	1 893	1 746	141	40	39	62	6	-	64	155	1 051	587
SERVICE OCCUPATIONS	7 084	4 881	1 932	100	296	1 536	255	16	717	1 525	3 123	1 551
PRIVATE HOUSEHOLD OCCUPATIONS	32	32	-	-	-	-	-	-	6	-	14	12
PROTECTIVE SERVICE OCCUPATIONS	1 745	805	937	8	78	851	3	-	76	166	866	589
FIREFIGHTING OCCUPATIONS	171	-	171	-	-	171	-	-	-	-	6	165
POLICE AND DETECTIVES, PUBLIC SERVICE	450	-	450	-	42	408	-	-	-	-	291	147
GUARDS	953	801	149	-	22	127	3	-	74	166	480	202
OTHER PROTECTIVE SERVICE OCCUPATIONS	171	4	167	8	14	145	-	-	2	-	89	75
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	5 307	4 044	995	92	218	685	252	16	635	1 359	2 243	950
FOOD PREPARATION AND SERVICE OCCUPATIONS	1 691	1 594	57	14	5	38	24	16	248	806	370	223
WAITERS AND FOOD COUNTER WORKERS	144	140	-	-	-	-	-	4	22	75	39	4
COOKS	546	528	5	-	5	-	10	3	86	260	137	51
HEALTH SERVICE OCCUPATIONS	280	148	126	-	89	37	6	-	8	28	211	33
NURSING AIDES, ORDERLIES, AND ATTENDANTS	206	81	119	-	89	30	6	-	-	6	173	27
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	2 863	2 057	766	72	117	577	40	-	330	450	1 529	490
PERSONAL SERVICE OCCUPATIONS	473	245	46	6	7	33	182	-	49	75	133	204
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	254	84	-	-	-	-	170	-	-	24	81	142
FARMING, FORESTRY, AND FISHING OCCUPATIONS	1 463	588	112	7	37	68	691	72	131	264	297	716
FARM OPERATORS AND MANAGERS	662	59	-	-	-	-	603	-	36	35	84	488
FARM OCCUPATIONS, EXCEPT MANAGERIAL	333	248	7	-	-	7	6	72	31	106	62	120
RELATED AGRICULTURAL OCCUPATIONS	419	249	103	7	37	59	67	-	64	108	137	88
FORESTRY AND FISHING OCCUPATIONS	49	32	2	-	-	2	15	-	-	15	14	20
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	21 578	19 173	776	218	97	461	1 605	24	244	1 337	12 091	7 367
MECHANICS AND REPAIRERS	7 147	6 223	382	143	41	198	524	18	57	429	3 956	2 558
AUTOMOBILE MECHANICS, INCLUDING BODY	1 958	1 560	81	27	-	54	307	10	35	194	862	829
AIRCRAFT MECHANICS	27	21	6	6	-	-	-	-	-	-	20	7
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	165	138	7	-	5	2	20	-	-	24	98	38
OTHER MECHANICS AND REPAIRERS	4 997	4 504	288	110	36	142	197	8	22	211	2 976	1 684
CONSTRUCTION TRADES	5 826	4 679	239	43	50	146	905	3	141	614	3 374	1 507
CARPENTERS	1 255	883	47	10	7	30	325	-	61	152	722	280
ELECTRICIANS	1 169	1 117	28	11	6	11	24	-	18	12	700	396
PAINTERS, CONSTRUCTION AND MAINTENANCE	293	181	11	-	-	11	101	-	19	54	131	89
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	703	595	19	8	7	4	89	-	6	65	455	150
OTHER CONSTRUCTION TRADES	2 406	1 903	134	14	30	90	366	3	37	331	1 366	592
EXTRACTIVE OCCUPATIONS	288	278	-	-	-	-	9	1	2	6	79	191
PRECISION PRODUCTION OCCUPATIONS	8 317	7 993	155	32	6	117	167	2	44	288	4 682	3 111
SUPERVISORS, PRODUCTION OCCUPATIONS	3 893	3 808	56	18	-	38	29	-	33	63	1 967	1 763
MANUFACTURING	3 223	3 201	11	11	-	-	11	-	26	32	1 677	1 431
PRECISION METALWORKING OCCUPATIONS	2 402	2 362	10	10	-	-	30	-	-	115	1 424	805
TOOL AND DIE MAKERS	756	756	-	-	-	-	-	-	-	27	446	256
MACHINISTS	1 191	1 177	10	10	-	-	4	-	-	45	719	402
SHEET METAL WORKERS	94	89	-	-	-	-	5	-	-	15	66	13
OTHER PRECISION METAL WORKERS	361	340	-	-	-	-	21	-	-	28	193	134
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	125	88	-	-	-	-	37	-	-	10	59	56
PLANT AND SYSTEM OPERATORS	491	412	76	4	-	72	3	-	9	7	362	78
OTHER PRECISION PRODUCTION OCCUPATIONS	1 406	1 323	13	-	6	7	68	2	2	93	870	409

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

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

CANTON, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	35 265	33 451	1 154	282	116	756	647	13	857	3 266	20 247	9 387
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	17 428	17 014	258	72	16	170	150	6	198	912	11 272	4 249
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	12 715	12 420	192	52	5	135	97	6	156	611	8 098	3 221
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	4 199	4 169	24	11	-	13	6	-	40	202	2 406	1 288
PRINTING MACHINE OPERATORS	467	444	10	-	-	10	13	-	-	14	340	105
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	146	90	20	-	5	15	36	-	12	30	59	40
TEXTILE MACHINE OPERATORS	38	38	-	-	-	-	-	-	-	2	23	13
TEXTILE SEWING MACHINE OPERATORS	8	-	8	-	-	8	-	-	-	-	8	-
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	93	45	12	-	5	7	36	-	12	28	21	27
OTHER SPECIFIED MACHINE OPERATORS	4 249	4 138	81	11	-	70	24	6	54	220	2 828	983
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	3 654	3 579	57	30	-	27	18	-	50	145	2 465	805
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	1 150	1 132	13	8	-	5	5	-	35	32	762	257
MACHINE OPERATORS, NOT SPECIFIED	2 504	2 447	44	22	-	22	13	-	15	113	1 703	548
INDUSTRY:												
MANUFACTURING	3 392	3 365	14	9	-	5	13	-	38	142	2 294	729
NONDURABLE GOODS	841	841	-	-	-	-	-	-	26	35	518	196
FOOD AND KINDRED PRODUCTS	211	211	-	-	-	-	-	-	-	4	114	80
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	-	-	-	-	-	-	-	-	-	-	-	-
PAPER AND ALLIED PRODUCTS	162	162	-	-	-	-	-	-	-	-	100	46
OTHER NONDURABLE GOODS	468	468	-	-	-	-	-	-	26	31	304	70
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	2 551	2 524	14	9	-	5	13	-	12	107	1 776	533
METAL INDUSTRIES	1 412	1 390	14	9	-	5	8	-	-	57	1 041	216
MACHINERY, INCLUDING ELECTRICAL	826	826	-	-	-	-	-	-	6	21	544	234
TRANSPORTATION EQUIPMENT	71	71	-	-	-	-	-	-	6	19	37	9
OTHER DURABLE GOODS	242	237	-	-	-	-	5	-	-	10	154	74
NONMANUFACTURING INDUSTRIES	262	214	43	21	-	22	5	-	12	3	171	76
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	60	23	37	21	-	16	-	-	-	-	37	23
WHOLESALE AND RETAIL TRADE	99	94	-	-	-	-	5	-	-	-	59	40
ALL OTHER INDUSTRIES	103	97	6	-	-	6	-	-	12	3	75	13
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	3 302	3 208	41	15	5	21	53	-	37	226	2 164	751
WELDERS AND CUTTERS	1 855	1 800	20	8	5	7	35	-	33	82	1 229	441
ASSEMBLERS	1 212	1 185	21	7	-	14	6	-	-	125	777	256
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	235	223	-	-	-	-	12	-	4	19	158	54
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 411	1 386	25	5	6	14	-	-	5	75	1 010	277
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	9 379	8 446	496	129	49	318	430	7	270	781	4 354	3 572
MOTOR VEHICLE OPERATORS	5 261	4 579	320	58	38	224	355	7	196	457	1 956	2 470
TRUCK DRIVERS AND DRIVER-SALES WORKERS	4 877	4 325	197	36	31	130	348	7	171	387	1 841	2 325
BUS DRIVERS	231	112	119	22	3	94	-	-	16	37	76	81
RAIL AND WATER TRANSPORTATION OCCUPATIONS	500	465	35	35	-	-	-	-	9	40	224	191
MATERIAL MOVING EQUIPMENT OPERATORS	3 618	3 402	141	36	11	94	75	-	65	284	2 174	911
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	266	213	22	-	3	19	31	-	9	20	109	115
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	8 458	7 991	400	81	51	268	67	-	389	1 573	4 621	1 566
CONSTRUCTION LABORERS	775	638	137	2	15	120	-	-	35	120	446	150
FREIGHT, STOCK, AND MATERIAL HANDLERS	2 496	2 367	106	27	17	62	23	-	107	651	1 240	375
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	519	502	7	7	-	-	10	-	77	202	152	77
HAND PACKERS AND PACKAGERS	427	420	7	-	-	7	-	-	18	58	265	77
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	1 013	980	25	15	1	9	8	-	85	145	526	226
LABORERS, EXCEPT CONSTRUCTION	3 228	3 084	118	30	18	70	26	-	67	397	1 992	661
MANUFACTURING	2 290	2 270	12	4	2	6	8	-	14	183	1 571	425
NONDURABLE GOODS	369	369	-	-	-	-	-	-	-	30	225	100
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	1 921	1 901	12	4	2	6	8	-	14	153	1 346	325
METAL INDUSTRIES	1 232	1 226	6	4	2	-	-	-	14	88	925	150
NONMANUFACTURING INDUSTRIES	938	814	106	26	16	64	18	-	53	214	421	236
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	193	142	51	16	4	31	-	-	2	18	114	45
WHOLESALE AND RETAIL TRADE	573	567	6	-	-	6	-	-	27	126	279	141
ALL OTHER INDUSTRIES	172	105	49	10	12	27	18	-	24	70	28	50

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

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

CANTON, OH SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
FEMALES 16 YEARS AND OVER	67 830	54 942	10 261	881	1 929	7 451	2 128	499	5 035	16 987	35 825	7 537
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	13 396	7 864	4 904	167	720	4 017	590	38	787	2 254	7 646	2 267
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	3 833	3 129	404	48	75	281	273	27	137	449	2 006	1 130
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	56	-	56	2	11	43	-	-	12	2	31	9
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	192	135	44	-	4	40	13	-	10	37	88	50
MANAGERS, MEDICINE AND HEALTH	43	38	5	-	-	5	-	-	-	11	13	19
OTHER SPECIFIED MANAGERS	620	555	44	25	7	12	21	-	9	71	386	137
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	1 775	1 630	145	7	32	106	-	-	51	213	817	632
MANUFACTURING	160	160	-	-	-	-	-	-	-	6	101	43
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	89	89	-	-	-	-	-	-	-	-	65	24
WHOLESALE AND RETAIL TRADE	716	711	5	-	5	-	-	-	32	77	223	370
ALL OTHER INDUSTRIES	810	670	140	7	27	106	-	-	19	130	428	195
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	238	-	-	-	-	-	211	27	14	36	85	93
CONSTRUCTION	7	-	-	-	-	-	7	-	7	-	-	-
MANUFACTURING	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	149	-	-	-	-	-	133	16	-	28	41	70
ALL OTHER INDUSTRIES	82	-	-	-	-	-	71	11	7	8	44	23
MANAGEMENT RELATED OCCUPATIONS	909	771	110	14	21	75	28	-	41	79	586	190
ACCOUNTANTS AND AUDITORS	347	295	40	-	2	38	12	-	5	39	213	85
BUYERS AND PURCHASING AGENTS	151	145	-	-	-	-	6	-	16	6	86	43
PROFESSIONAL SPECIALTY OCCUPATIONS	9 563	4 735	4 500	119	645	3 736	317	11	650	1 805	5 640	1 137
ENGINEERS, ARCHITECTS, AND SURVEYORS	82	82	-	-	-	-	-	-	-	13	49	20
ARCHITECTS	-	-	-	-	-	-	-	-	-	-	-	-
ENGINEERS	82	82	-	-	-	-	-	-	-	13	49	20
ELECTRICAL AND ELECTRONIC ENGINEERS	20	20	-	-	-	-	-	-	-	13	-	7
MECHANICAL ENGINEERS	18	18	-	-	-	-	-	-	-	-	18	-
OTHER ENGINEERS	44	44	-	-	-	-	-	-	-	-	31	13
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	41	27	14	-	7	7	-	-	-	7	24	10
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	19	12	7	-	-	7	-	-	-	-	19	-
NATURAL SCIENTISTS	39	34	5	-	-	5	-	-	-	-	39	-
HEALTH DIAGNOSING OCCUPATIONS	72	33	17	10	-	7	22	-	-	6	47	13
PHYSICIANS	42	25	17	10	-	7	-	-	-	-	28	8
DENTISTS	16	6	-	-	-	-	10	-	-	6	5	5
OTHER HEALTH DIAGNOSING PRACTITIONERS	14	2	-	-	-	-	12	-	-	-	14	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	2 834	2 415	371	15	137	219	42	6	139	806	1 434	311
REGISTERED NURSES	2 402	2 072	301	10	112	179	23	6	122	717	1 173	279
PHARMACISTS	39	39	-	-	-	-	-	-	-	6	20	2
THERAPISTS	242	167	56	5	18	33	19	-	12	51	146	20
TEACHERS, LIBRARIANS, AND COUNSELORS	4 964	1 307	3 571	55	327	3 189	86	-	408	722	3 141	521
TEACHERS, POSTSECONDARY	143	31	112	6	106	-	-	-	32	32	36	37
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	3 163	738	2 408	33	98	2 277	17	-	206	389	2 167	317
TEACHERS, SECONDARY	852	133	719	16	61	642	-	-	41	124	539	110
SOCIAL SCIENTISTS AND URBAN PLANNERS	65	23	42	-	-	42	-	-	-	-	59	6
SOCIAL AND RECREATION WORKERS	518	92	426	27	156	243	-	-	18	31	395	74
RELIGIOUS WORKERS	102	97	5	-	5	-	-	-	8	6	47	41
LAWYERS AND JUDGES	118	29	37	12	13	12	52	-	-	22	55	41
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	728	596	12	-	-	12	115	5	77	192	350	100
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	29 662	25 742	2 915	544	577	1 794	690	315	2 139	7 558	16 503	2 587
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	2 422	2 193	221	28	79	114	8	-	95	619	1 326	294
HEALTH TECHNOLOGISTS AND TECHNICIANS	1 906	1 774	132	11	62	59	-	-	82	569	992	184
LICENSED PRACTICAL NURSES	1 227	1 122	105	11	62	32	-	-	51	415	601	92
ENGINEERING AND SCIENCE TECHNICIANS	188	164	16	8	8	-	8	-	8	15	130	35
ELECTRICAL AND ELECTRONIC TECHNICIANS	8	8	-	-	-	-	-	-	-	-	-	8
DRAFTING AND SURVEYING TECHNICIANS	66	66	-	-	-	-	-	-	-	5	55	6
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	328	255	73	9	9	55	-	-	5	35	204	75
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	125	101	24	4	-	20	-	-	5	13	61	37
SALES OCCUPATIONS	8 305	7 602	97	6	35	56	506	100	928	3 438	2 955	682
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	482	345	8	-	8	-	117	12	25	93	205	146
SELF-EMPLOYED	129	-	-	-	-	-	117	12	7	22	58	42
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	974	812	6	-	-	6	148	8	146	270	378	125
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	274	256	-	-	-	-	13	5	23	64	118	50
SALES WORKERS, RETAIL AND PERSONAL SERVICES	6 560	6 174	83	6	27	50	228	75	724	3 011	2 254	356
CASHIERS	2 799	2 678	62	-	12	50	16	43	250	1 378	915	152
SALES RELATED OCCUPATIONS	15	15	-	-	-	-	-	-	10	-	-	5

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

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

CANTON, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	18 935	15 947	2 597	510	463	1 624	176	215	1 116	3 501	12 222	1 611
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	463	408	50	7	-	43	5	-	5	28	360	45
COMPUTER EQUIPMENT OPERATORS	314	296	18	-	-	18	-	-	7	9	230	61
SECRETARIES, STENOGRAPHERS, AND TYPISTS	7 165	5 866	1 131	75	244	812	59	109	372	1 241	4 819	558
SECRETARIES	6 152	5 182	828	67	149	612	41	101	306	1 083	4 179	470
RECEPTIONISTS	798	720	74	21	26	27	-	4	78	263	368	67
FILE CLERKS	185	155	30	-	8	22	-	-	4	38	131	12
FINANCIAL RECORDS PROCESSING OCCUPATIONS	3 105	2 788	177	24	17	136	76	64	188	548	1 968	328
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	2 470	2 236	94	12	16	66	76	64	177	459	1 496	282
TELEPHONE OPERATORS	444	399	45	6	15	24	-	-	23	45	319	37
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	346	153	193	176	12	5	-	-	78	83	146	34
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	465	445	13	-	-	13	-	7	23	71	321	21
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	103	103	-	-	-	-	-	-	-	-	96	7
BANK TELLERS	890	843	47	43	4	-	-	-	42	208	564	51
DATA-ENTRY KEYERS	632	592	40	9	8	23	-	-	11	73	462	74
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	4 025	3 179	779	149	129	501	36	31	285	894	2 438	316
SERVICE OCCUPATIONS	13 600	11 131	1 818	113	555	1 150	594	57	1 761	5 168	5 088	1 080
PRIVATE HOUSEHOLD OCCUPATIONS	603	603	-	-	-	-	-	-	201	240	117	35
PROTECTIVE SERVICE OCCUPATIONS	217	110	107	12	-	95	-	-	41	65	88	17
FIREFIGHTING OCCUPATIONS	5	-	5	-	-	5	-	-	5	-	-	-
POLICE AND DETECTIVES, PUBLIC SERVICE	2	-	2	-	-	2	-	-	-	2	-	-
GUARDS	182	104	78	12	-	66	-	-	36	56	73	11
OTHER PROTECTIVE SERVICE OCCUPATIONS	28	6	22	-	-	22	-	-	-	7	15	6
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	12 780	10 418	1 711	101	555	1 055	594	57	1 519	4 863	4 883	1 028
FOOD PREPARATION AND SERVICE OCCUPATIONS	6 159	5 396	670	52	89	529	64	29	736	2 802	1 861	504
WAITERS AND FOOD COUNTER WORKERS	2 875	2 775	58	13	4	41	38	4	393	1 467	649	268
COOKS	1 833	1 494	332	18	39	275	5	2	104	753	760	129
HEALTH SERVICE OCCUPATIONS	2 997	2 456	534	19	354	161	1	6	112	849	1 694	181
NURSING AIDES, ORDERLIES, AND ATTENDANTS	2 262	1 770	491	13	337	141	1	-	77	619	1 311	108
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	1 475	1 236	177	18	61	98	45	17	271	430	572	166
PERSONAL SERVICE OCCUPATIONS	2 149	1 330	330	12	51	267	484	5	400	782	756	177
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	1 090	664	3	-	3	-	423	-	121	406	449	103
FARMING, FORESTRY, AND FISHING OCCUPATIONS	340	142	11	4	-	7	124	63	30	106	95	102
FARM OPERATORS AND MANAGERS	89	16	-	-	-	-	73	-	9	36	12	30
FARM OCCUPATIONS, EXCEPT MANAGERIAL	157	87	2	2	-	-	7	61	7	52	32	61
RELATED AGRICULTURAL OCCUPATIONS	88	33	9	2	-	7	44	2	14	12	51	11
FORESTRY AND FISHING OCCUPATIONS	6	6	-	-	-	-	-	-	-	6	-	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	1 275	1 101	81	21	29	31	76	17	55	221	703	272
MECHANICS AND REPAIRERS	279	250	17	2	15	-	12	-	24	18	162	63
AUTOMOBILE MECHANICS, INCLUDING BODY	35	21	8	-	8	-	6	-	6	-	14	15
AIRCRAFT MECHANICS	2	-	2	2	-	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	6	6	-	-	-	-	-	-	-	-	6	-
OTHER MECHANICS AND REPAIRERS	236	223	7	-	7	-	6	-	18	18	142	48
CONSTRUCTION TRADES	102	61	30	10	8	12	7	4	12	24	53	11
CARPENTERS	4	-	-	-	-	-	-	4	-	-	4	-
ELECTRICIANS	26	24	-	-	-	-	2	-	-	2	22	-
PAINTERS, CONSTRUCTION AND MAINTENANCE	41	18	18	10	8	-	5	-	12	8	15	6
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	5	5	-	-	-	-	-	-	-	-	-	5
OTHER CONSTRUCTION TRADES	26	14	12	-	-	12	-	-	-	14	12	-
EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	894	790	34	9	6	19	57	13	19	179	488	198
SUPERVISORS, PRODUCTION OCCUPATIONS	262	248	9	9	-	-	-	5	-	24	146	92
MANUFACTURING	164	162	2	2	-	-	-	-	-	2	105	57
PRECISION METALWORKING OCCUPATIONS	61	55	-	-	-	-	-	6	-	16	16	29
TOOL AND DIE MAKERS	15	15	-	-	-	-	-	-	-	-	-	15
MACHINISTS	12	12	-	-	-	-	-	-	-	6	6	-
SHEET METAL WORKERS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER PRECISION METAL WORKERS	34	28	-	-	-	-	-	6	-	10	10	14
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	127	81	6	-	6	-	40	-	4	49	48	26
PLANT AND SYSTEM OPERATORS	7	7	-	-	-	-	-	-	-	-	7	-
OTHER PRECISION PRODUCTION OCCUPATIONS	437	399	19	-	-	19	17	2	15	90	271	51

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

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

CANTON, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	9 557	8 962	532	32	48	452	54	9	263	1 680	5 790	1 229
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	6 395	6 261	100	26	19	55	29	5	94	687	4 290	940
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	3 401	3 307	66	16	19	31	23	5	68	366	2 271	501
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	394	382	12	-	-	12	-	-	21	25	281	45
PRINTING MACHINE OPERATORS	216	205	6	-	6	-	-	5	5	25	146	27
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	558	502	33	11	13	9	23	-	21	126	333	58
TEXTILE MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
TEXTILE SEWING MACHINE OPERATORS	183	169	-	-	-	-	14	-	7	37	120	13
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	246	204	33	11	13	9	9	-	14	41	146	31
OTHER SPECIFIED MACHINE OPERATORS	937	928	9	-	-	9	-	-	8	95	617	159
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	1 296	1 290	6	5	-	1	-	-	13	95	894	212
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	400	400	-	-	-	-	-	-	6	24	279	68
MACHINE OPERATORS, NOT SPECIFIED	896	890	6	5	-	1	-	-	7	71	615	144
INDUSTRY:												
MANUFACTURING	1 260	1 259	1	-	-	1	-	-	13	88	865	212
NONDURABLE GOODS	390	390	-	-	-	-	-	-	-	21	301	37
FOOD AND KINDRED PRODUCTS	65	65	-	-	-	-	-	-	-	-	52	6
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	16	16	-	-	-	-	-	-	-	-	16	-
PAPER AND ALLIED PRODUCTS	48	48	-	-	-	-	-	-	-	8	34	6
OTHER NONDURABLE GOODS	261	261	-	-	-	-	-	-	-	13	199	25
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	870	869	1	-	-	1	-	-	13	67	564	175
METAL INDUSTRIES	214	214	-	-	-	-	-	-	6	8	143	32
MACHINERY, INCLUDING ELECTRICAL	467	467	-	-	-	-	-	-	-	10	321	124
TRANSPORTATION EQUIPMENT	52	52	-	-	-	-	-	-	7	18	27	-
OTHER DURABLE GOODS	137	136	1	-	-	1	-	-	-	31	73	19
NONMANUFACTURING INDUSTRIES	36	31	5	5	-	-	-	-	-	7	29	-
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	25	25	-	-	-	-	-	-	-	3	22	-
ALL OTHER INDUSTRIES	11	6	5	5	-	-	-	-	-	4	7	-
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	1 715	1 683	26	2	-	24	6	-	21	161	1 263	175
WELDERS AND CUTTERS	125	125	-	-	-	-	-	-	-	4	103	18
ASSEMBLERS	1 511	1 479	26	2	-	24	6	-	13	138	1 113	152
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	79	79	-	-	-	-	-	-	8	19	47	5
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 279	1 271	8	8	-	-	-	-	5	160	756	264
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	846	420	409	-	22	387	17	-	102	445	219	38
MOTOR VEHICLE OPERATORS	684	264	403	-	22	381	17	-	89	422	123	23
TRUCK DRIVERS AND DRIVER-SALES WORKERS	153	147	-	-	-	-	6	-	43	53	49	-
BUS DRIVERS	467	79	388	-	22	366	-	-	39	326	65	18
RAIL AND WATER TRANSPORTATION OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	162	156	6	-	-	6	-	-	13	23	96	15
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	2 316	2 281	23	6	7	10	8	4	67	548	1 281	251
CONSTRUCTION LABORERS	13	6	7	-	7	-	-	-	-	6	7	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	397	393	4	4	-	-	-	-	6	134	215	30
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	49	47	-	-	-	-	-	2	-	25	6	2
HAND PACKERS AND PACKAGERS	917	917	-	-	-	-	-	-	25	159	555	122
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	240	238	-	-	-	-	-	2	8	63	129	37
LABORERS, EXCEPT CONSTRUCTION	700	680	12	2	-	10	8	-	28	161	369	60
MANUFACTURING	454	448	6	-	-	6	-	-	12	64	287	37
NONDURABLE GOODS	160	160	-	-	-	-	-	-	4	23	103	5
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	294	288	6	-	-	6	-	-	8	41	184	32
METAL INDUSTRIES	214	214	-	-	-	-	-	-	-	27	140	26
NONMANUFACTURING INDUSTRIES	246	232	6	2	-	4	8	-	16	97	82	23
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	18	18	-	-	-	-	-	-	-	11	7	-
WHOLESALE AND RETAIL TRADE	119	117	2	2	-	-	-	-	13	30	32	16
ALL OTHER INDUSTRIES	109	97	4	-	-	4	8	-	3	56	43	7

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

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

CINCINNATI, OH-KY-IN SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
MALES 16 YEARS AND OVER	349 242	286 991	39 880	10 625	7 836	21 419	21 932	439	10 263	33 419	172 418	124 460
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	83 436	61 286	14 737	2 459	4 297	7 981	7 374	39	1 495	4 004	38 683	38 119
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	45 333	37 176	4 916	1 323	1 133	2 460	3 220	21	492	1 500	19 866	22 876
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	939	-	939	192	159	588	-	-	2	35	613	280
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	1 303	258	1 045	5	326	714	-	-	8	51	533	705
MANAGERS, MEDICINE AND HEALTH	356	229	119	13	57	49	8	-	-	13	119	219
OTHER SPECIFIED MANAGERS	9 248	8 703	212	107	81	24	324	9	54	146	4 057	4 898
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	21 464	20 547	917	249	138	530	-	-	191	626	8 615	11 756
MANUFACTURING	7 627	7 627	-	-	-	-	-	-	28	119	3 323	4 052
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	1 581	1 450	131	82	-	49	-	-	-	47	694	820
WHOLESALE AND RETAIL TRADE	5 870	5 864	6	6	-	-	-	-	51	232	1 770	3 759
ALL OTHER INDUSTRIES	6 386	5 606	780	161	138	481	-	-	112	228	2 828	3 125
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	2 247	-	-	-	-	-	2 235	12	64	187	568	1 358
CONSTRUCTION	424	-	-	-	-	-	424	-	27	65	194	115
MANUFACTURING	208	-	-	-	-	-	208	-	-	20	39	143
WHOLESALE AND RETAIL TRADE	942	-	-	-	-	-	930	12	14	41	171	700
ALL OTHER INDUSTRIES	673	-	-	-	-	-	673	-	23	61	164	400
MANAGEMENT RELATED OCCUPATIONS	9 776	7 439	1 684	757	372	555	653	-	173	442	5 361	3 660
ACCOUNTANTS AND AUDITORS	4 148	3 211	548	341	97	110	389	-	64	191	2 209	1 634
BUYERS AND PURCHASING AGENTS	1 850	1 732	51	14	11	26	67	-	25	68	976	775
PROFESSIONAL SPECIALTY OCCUPATIONS	38 103	24 110	9 821	1 136	3 164	5 521	4 154	18	1 003	2 504	18 817	15 243
ENGINEERS, ARCHITECTS, AND SURVEYORS	10 813	9 825	621	235	153	233	367	-	76	207	6 714	3 699
ARCHITECTS	695	491	31	-	22	9	173	-	8	22	342	323
ENGINEERS	10 047	9 287	576	235	124	217	184	-	62	177	6 324	3 367
ELECTRICAL AND ELECTRONIC ENGINEERS	1 403	1 362	33	26	-	7	8	-	11	21	956	390
MECHANICAL ENGINEERS	1 879	1 799	31	8	6	17	49	-	9	31	1 119	708
OTHER ENGINEERS	6 765	6 126	512	201	118	193	127	-	42	125	4 249	2 269
SURVEYORS AND MAPPING SCIENTISTS	71	47	14	-	7	7	10	-	6	8	48	9
MATHEMATICAL AND COMPUTER SCIENTISTS	1 457	1 318	121	65	33	23	18	-	8	16	961	466
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	1 028	951	59	14	28	17	18	-	6	-	670	346
NATURAL SCIENTISTS	1 568	1 048	490	352	88	50	30	-	18	96	1 108	340
HEALTH DIAGNOSING OCCUPATIONS	3 495	1 775	501	94	324	83	1 219	-	24	236	797	2 369
PHYSICIANS	2 507	1 450	492	87	322	83	565	-	17	61	371	2 025
DENTISTS	729	255	3	3	-	-	471	-	7	147	347	192
OTHER HEALTH DIAGNOSING PRACTITIONERS	259	70	6	4	2	-	183	-	-	28	79	152
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	1 544	1 141	259	92	97	70	142	2	37	162	603	711
REGISTERED NURSES	245	191	40	28	7	5	14	-	-	20	126	99
PHARMACISTS	957	743	84	36	34	14	128	2	32	109	301	489
THERAPISTS	244	160	84	22	49	13	-	-	5	22	138	74
TEACHERS, LIBRARIANS, AND COUNSELORS	8 301	2 006	6 164	56	1 963	4 145	127	4	421	800	4 059	2 905
TEACHERS, POSTSECONDARY	2 096	458	1 638	13	1 545	80	-	-	170	352	666	875
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	2 950	538	2 412	13	104	2 295	-	-	88	131	1 785	915
TEACHERS, SECONDARY	1 992	417	1 575	-	70	1 505	-	-	51	112	993	802
SOCIAL SCIENTISTS AND URBAN PLANNERS	785	455	283	33	75	175	47	-	5	40	431	303
SOCIAL AND RECREATION WORKERS	1 094	310	769	51	222	496	15	-	5	72	760	223
RELIGIOUS WORKERS	1 727	1 544	26	-	12	14	157	-	48	161	417	1 091
LAWYERS AND JUDGES	2 727	1 035	398	119	87	192	1 294	-	84	168	742	1 676
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	4 592	3 653	189	39	110	40	738	12	277	546	2 225	1 460
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	68 659	55 981	8 171	5 233	1 286	1 652	4 424	83	2 249	6 239	34 199	24 793
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	9 926	8 318	1 482	605	410	467	126	-	165	656	6 050	2 888
HEALTH TECHNOLOGISTS AND TECHNICIANS	903	573	330	143	124	63	-	-	12	148	544	194
LICENSED PRACTICAL NURSES	46	25	21	3	7	11	-	-	-	-	46	-
ENGINEERING AND SCIENCE TECHNICIANS	6 036	5 399	552	223	122	207	85	-	80	277	3 669	1 906
ELECTRICAL AND ELECTRONIC TECHNICIANS	900	777	122	95	19	8	1	-	14	48	527	311
DRAFTING AND SURVEYING TECHNICIANS	2 109	1 872	188	7	40	141	49	-	30	142	1 268	619
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	2 987	2 346	600	239	164	197	41	-	73	231	1 837	788
AIRPLANE PILOTS AND NAVIGATORS	220	220	-	-	-	-	-	-	12	24	105	68
COMPUTER PROGRAMMERS	1 314	1 156	142	47	53	42	16	-	27	102	839	339
SALES OCCUPATIONS	32 034	27 583	262	27	173	62	4 118	71	1 206	3 326	12 592	14 471
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	6 048	4 643	38	6	32	-	1 324	43	69	224	1 512	4 161
SELF-EMPLOYED	1 367	-	-	-	-	-	1 324	43	41	81	240	975
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	6 864	5 566	26	7	10	9	1 268	4	168	541	3 243	2 805
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	9 175	8 564	17	-	11	6	594	-	94	405	4 785	3 757
SALES WORKERS, RETAIL AND PERSONAL SERVICES	9 899	8 767	181	14	120	47	927	24	875	2 156	3 032	3 720
CASHIERS	1 597	1 443	89	8	43	38	55	10	205	575	460	322
SALES RELATED OCCUPATIONS	48	43	-	-	-	-	5	-	-	-	20	28

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

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

CINCINNATI, OH-KY-IN SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	26 699	20 080	6 427	4 601	703	1 123	180	12	878	2 257	15 557	7 434
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	3 901	2 928	939	471	161	307	28	6	26	76	2 330	1 417
COMPUTER EQUIPMENT OPERATORS	1 091	969	122	44	27	51	-	-	13	30	769	262
SECRETARIES, STENOGRAPHERS, AND TYPISTS	326	217	109	61	18	30	-	-	22	55	186	57
SECRETARIES	166	132	34	26	8	-	-	-	22	45	77	20
RECEPTIONISTS	134	96	38	-	32	6	-	-	20	22	71	21
FILE CLERKS	328	248	80	18	7	55	-	-	19	78	162	69
FINANCIAL RECORDS PROCESSING OCCUPATIONS	1 821	1 630	128	59	32	37	63	-	114	179	1 095	414
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	1 170	1 034	73	35	18	20	63	-	109	114	670	271
TELEPHONE OPERATORS	196	166	22	6	-	16	8	-	14	34	110	32
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	4 148	714	3 426	3 363	55	8	8	-	115	205	2 332	1 399
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	6 170	5 879	284	86	105	93	7	-	180	664	3 546	1 601
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	282	277	5	5	-	-	-	-	-	16	205	61
BANK TELLERS	210	190	20	20	-	-	-	-	10	17	152	31
DATA-ENTRY KEYERS	234	163	71	58	7	6	-	-	-	17	159	51
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	7 858	6 603	1 183	410	259	514	66	6	345	864	4 440	2 019
SERVICE OCCUPATIONS	32 546	23 182	8 473	922	1 092	6 459	858	33	2 878	7 554	13 520	7 758
PRIVATE HOUSEHOLD OCCUPATIONS	108	108	-	-	-	-	-	-	20	42	26	5
PROTECTIVE SERVICE OCCUPATIONS	7 448	2 665	4 772	258	378	4 136	11	-	218	554	3 391	3 140
FIREFIGHTING OCCUPATIONS	1 056	25	1 031	11	12	1 008	-	-	6	11	103	914
POLICE AND DETECTIVES, PUBLIC SERVICE	2 053	-	2 053	51	73	1 929	-	-	7	19	1 123	877
GUARDS	3 102	2 443	648	186	144	318	11	-	199	479	1 513	835
OTHER PROTECTIVE SERVICE OCCUPATIONS	1 237	197	1 040	10	149	881	-	-	6	45	652	514
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	24 990	20 409	3 701	664	714	2 323	847	33	2 640	6 958	10 103	4 613
FOOD PREPARATION AND SERVICE OCCUPATIONS	10 055	9 575	239	66	62	111	221	20	1 370	4 293	2 596	1 578
WAITERS AND FOOD COUNTER WORKERS	1 033	1 021	-	-	-	-	12	-	148	504	232	136
COOKS	3 593	3 488	41	5	13	23	58	6	351	1 617	1 074	472
HEALTH SERVICE OCCUPATIONS	1 207	914	287	50	156	81	6	-	63	263	653	199
NURSING AIDES, ORDERLIES, AND ATTENDANTS	855	637	212	50	119	43	6	-	35	176	477	138
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	12 109	8 870	3 044	520	456	2 068	182	13	1 046	2 095	6 318	2 251
PERSONAL SERVICE OCCUPATIONS	1 619	1 050	131	28	40	63	438	-	161	307	536	585
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	796	387	7	-	7	-	402	-	12	90	261	419
FARMING, FORESTRY, AND FISHING OCCUPATIONS	4 393	2 351	411	6	75	330	1 491	140	384	845	1 524	1 540
FARM OPERATORS AND MANAGERS	1 469	181	-	-	-	-	1 288	-	95	179	260	909
FARM OCCUPATIONS, EXCEPT MANAGERIAL	827	674	10	-	10	-	10	133	67	269	216	268
RELATED AGRICULTURAL OCCUPATIONS	2 000	1 436	387	6	65	316	170	7	214	377	1 007	342
FORESTRY AND FISHING OCCUPATIONS	97	60	14	-	-	14	23	-	8	20	41	21
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	71 094	61 315	3 543	731	555	2 257	6 156	80	1 089	5 331	37 850	24 829
MECHANICS AND REPAIRERS	21 757	18 938	1 355	357	196	802	1 428	36	275	1 059	11 609	8 235
AUTOMOBILE MECHANICS, INCLUDING BODY	5 810	4 753	329	62	17	250	721	7	88	346	2 839	2 402
AIRCRAFT MECHANICS	258	252	6	6	-	-	-	-	8	13	165	70
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	1 034	837	57	21	27	9	135	5	11	53	722	240
OTHER MECHANICS AND REPAIRERS	14 655	13 096	963	268	152	543	572	24	168	647	7 883	5 523
CONSTRUCTION TRADES	23 781	18 373	1 281	230	218	833	4 105	22	596	3 376	13 333	5 665
CARPENTERS	5 092	3 647	164	33	17	114	1 269	12	202	816	2 864	1 033
ELECTRICIANS	3 528	3 027	326	60	60	206	175	-	20	207	2 052	1 157
PAINTERS, CONSTRUCTION AND MAINTENANCE	2 067	1 308	226	72	12	142	533	-	77	395	1 140	375
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	3 202	2 802	118	22	14	82	282	-	59	285	1 974	775
OTHER CONSTRUCTION TRADES	9 892	7 589	447	43	115	289	1 846	10	238	1 673	5 303	2 325
EXTRACTIVE OCCUPATIONS	125	118	7	7	-	-	-	-	-	-	74	44
PRECISION PRODUCTION OCCUPATIONS	25 431	23 886	900	137	141	622	623	22	218	896	12 834	10 885
SUPERVISORS, PRODUCTION OCCUPATIONS	11 346	10 918	342	29	48	265	86	-	57	170	5 448	5 457
MANUFACTURING	8 381	8 299	29	16	-	13	53	-	37	104	3 991	4 105
PRECISION METALWORKING OCCUPATIONS	7 759	7 568	60	39	12	9	131	-	61	296	3 874	3 246
TOOL AND DIE MAKERS	1 407	1 383	-	-	-	-	24	-	6	32	611	733
MACHINISTS	4 601	4 513	50	33	10	7	38	-	41	146	2 254	1 994
SHEET METAL WORKERS	835	821	8	6	-	2	6	-	8	73	560	172
OTHER PRECISION METAL WORKERS	916	851	2	-	2	-	63	-	6	45	449	347
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	494	341	7	-	-	7	146	-	19	63	270	137
PLANT AND SYSTEM OPERATORS	1 390	985	396	38	51	307	9	-	15	19	970	375
OTHER PRECISION PRODUCTION OCCUPATIONS	4 442	4 074	95	31	30	34	251	22	66	348	2 272	1 670

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

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

CINCINNATI, OH-KY-IN SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	89 114	82 876	4 545	1 274	531	2 740	1 629	64	2 168	9 446	46 642	27 421
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	42 138	40 815	848	361	83	404	469	6	449	2 523	25 175	12 419
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	26 876	26 176	434	158	50	226	260	6	261	1 523	15 658	8 449
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	6 517	6 403	94	78	-	16	20	-	32	319	3 654	2 220
PRINTING MACHINE OPERATORS	3 285	3 203	31	-	24	7	51	-	32	101	2 272	791
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	760	680	36	9	-	27	44	-	48	132	380	176
TEXTILE MACHINE OPERATORS	140	132	-	-	-	-	8	-	-	13	72	55
TEXTILE SEWING MACHINE OPERATORS	75	75	-	-	-	-	-	-	-	5	63	7
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	361	291	36	9	-	27	34	-	34	62	151	95
OTHER SPECIFIED MACHINE OPERATORS	7 924	7 684	156	22	22	112	78	6	66	432	4 504	2 649
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	8 390	8 206	117	49	4	64	67	-	83	539	4 848	2 613
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	4 077	3 993	50	30	4	16	34	-	33	292	2 271	1 353
MACHINE OPERATORS, NOT SPECIFIED	4 313	4 213	67	19	-	48	33	-	50	247	2 577	1 260
INDUSTRY:												
MANUFACTURING	7 623	7 527	50	21	4	25	46	-	62	437	4 455	2 390
NONDURABLE GOODS	3 461	3 432	5	-	-	5	24	-	27	166	1 860	1 227
FOOD AND KINDRED PRODUCTS	792	783	-	-	-	-	9	-	5	48	406	282
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	89	89	-	-	-	-	-	-	-	10	10	64
PAPER AND ALLIED PRODUCTS	1 059	1 059	-	-	-	-	-	-	2	52	577	382
OTHER NONDURABLE GOODS	1 521	1 501	5	-	-	5	15	-	20	56	867	499
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	4 162	4 095	45	21	4	20	22	-	35	271	2 595	1 163
METAL INDUSTRIES	1 133	1 129	4	-	-	4	-	-	-	101	725	266
MACHINERY, INCLUDING ELECTRICAL	1 403	1 403	-	-	-	-	-	-	-	79	858	450
TRANSPORTATION EQUIPMENT	981	934	41	21	4	16	6	-	20	33	633	275
OTHER DURABLE GOODS	645	629	-	-	-	-	16	-	15	58	379	172
NONMANUFACTURING INDUSTRIES	767	679	67	28	-	39	21	-	21	102	393	223
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	143	124	19	13	-	6	-	-	-	-	116	27
WHOLESALE AND RETAIL TRADE	313	297	10	-	-	10	6	-	10	30	164	97
ALL OTHER INDUSTRIES	311	258	38	15	-	23	15	-	11	72	113	99
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	11 815	11 420	195	70	23	102	200	-	160	814	7 343	3 028
WELDERS AND CUTTERS	4 315	4 180	69	28	-	41	66	-	36	255	2 579	1 261
ASSEMBLERS	7 112	6 946	121	42	23	56	45	-	115	525	4 542	1 649
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	388	294	5	-	-	5	89	-	9	34	222	118
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	3 447	3 219	219	133	10	76	9	-	28	186	2 174	942
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	25 936	22 903	2 027	474	259	1 294	1 002	4	595	2 257	11 356	10 697
MOTOR VEHICLE OPERATORS	17 891	15 561	1 474	154	178	1 142	856	-	443	1 687	6 929	8 124
TRUCK DRIVERS AND DRIVER-SALES WORKERS	15 496	13 986	723	144	89	490	787	-	331	1 245	6 038	7 199
BUS DRIVERS	1 030	472	548	2	34	512	10	-	6	246	361	414
RAIL AND WATER TRANSPORTATION OCCUPATIONS	2 264	2 011	253	238	15	-	-	-	21	112	1 200	837
MATERIAL MOVING EQUIPMENT OPERATORS	5 781	5 331	300	82	66	152	146	4	131	458	3 227	1 736
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	441	303	47	-	-	47	91	-	26	88	199	113
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	21 040	19 158	1 670	439	189	1 042	158	54	1 124	4 666	10 111	4 305
CONSTRUCTION LABORERS	3 232	2 748	478	13	73	392	-	6	193	761	1 619	502
FREIGHT, STOCK, AND MATERIAL HANDLERS	6 861	6 262	540	283	19	238	48	11	450	1 931	2 909	1 354
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	1 554	1 522	9	-	2	7	10	13	139	568	359	429
HAND PACKERS AND PACKAGERS	1 431	1 409	22	-	-	22	-	-	63	186	870	256
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	2 027	1 901	91	23	13	55	35	-	117	496	932	425
LABORERS, EXCEPT CONSTRUCTION	5 935	5 316	530	120	82	328	65	24	162	724	3 422	1 339
MANUFACTURING	2 976	2 951	19	2	17	-	-	6	32	236	1 775	750
NONDURABLE GOODS	1 461	1 457	4	-	4	-	-	-	24	126	806	426
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	1 515	1 494	15	2	13	-	-	6	8	110	969	324
METAL INDUSTRIES	486	486	-	-	-	-	-	-	-	46	349	60
NONMANUFACTURING INDUSTRIES	2 959	2 365	511	118	65	328	65	18	130	488	1 647	589
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	797	520	264	74	8	182	13	-	10	61	526	175
WHOLESALE AND RETAIL TRADE	1 462	1 451	4	4	-	-	-	7	60	202	797	364
ALL OTHER INDUSTRIES	700	394	243	40	57	146	52	11	60	225	324	50

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

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

CINCINNATI, OH-KY-IN SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
FEMALES 16 YEARS AND OVER	254 585	202 916	43 409	8 076	10 103	25 230	6 929	1 331	18 165	60 484	136 382	31 762
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	53 798	32 006	19 665	2 277	3 815	13 573	1 847	280	3 208	9 081	29 830	10 478
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	17 547	13 217	3 323	1 529	700	1 094	790	217	495	2 008	10 200	4 509
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	431	-	431	130	38	263	-	-	33	48	293	57
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	961	426	509	2	229	278	20	6	34	98	480	323
MANAGERS, MEDICINE AND HEALTH	357	263	94	34	37	23	-	-	-	30	251	69
OTHER SPECIFIED MANAGERS	2 787	2 483	161	84	21	56	93	50	73	227	1 569	871
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	6 676	6 181	495	80	116	299	-	-	181	791	3 635	1 990
MANUFACTURING	793	793	-	-	-	-	-	-	-	25	503	251
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	279	277	2	-	-	2	-	-	-	9	195	75
WHOLESALE AND RETAIL TRADE	2 346	2 346	-	-	-	-	-	-	54	297	1 111	844
ALL OTHER INDUSTRIES	3 258	2 765	493	80	116	297	-	-	127	460	1 826	820
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	668	-	-	-	-	-	523	145	11	194	191	268
CONSTRUCTION	22	-	-	-	-	-	15	7	-	7	6	9
MANUFACTURING	38	-	-	-	-	-	21	17	-	-	6	28
WHOLESALE AND RETAIL TRADE	384	-	-	-	-	-	305	79	-	120	106	158
ALL OTHER INDUSTRIES	224	-	-	-	-	-	182	42	11	67	73	73
MANAGEMENT RELATED OCCUPATIONS	5 667	3 864	1 633	1 199	259	175	154	16	163	620	3 781	931
ACCOUNTANTS AND AUDITORS	2 710	1 522	1 120	973	81	66	57	11	79	238	1 947	378
BUYERS AND PURCHASING AGENTS	959	927	21	3	12	6	6	5	9	76	601	241
PROFESSIONAL SPECIALTY OCCUPATIONS	36 251	18 789	16 342	748	3 115	12 479	1 057	63	2 713	7 073	19 630	5 969
ENGINEERS, ARCHITECTS, AND SURVEYORS	571	540	17	-	6	11	14	-	-	32	346	161
ARCHITECTS	25	11	-	-	-	-	14	-	-	5	20	-
ENGINEERS	542	525	17	-	6	11	-	-	-	27	326	157
ELECTRICAL AND ELECTRONIC ENGINEERS	76	76	-	-	-	-	-	-	-	-	65	11
MECHANICAL ENGINEERS	43	43	-	-	-	-	-	-	-	6	25	12
OTHER ENGINEERS	423	406	17	-	6	11	-	-	-	21	236	134
SURVEYORS AND MAPPING SCIENTISTS	4	4	-	-	-	-	-	-	-	-	-	4
MATHEMATICAL AND COMPUTER SCIENTISTS	496	401	95	33	16	46	-	-	-	18	352	108
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	240	208	32	12	7	13	-	-	-	6	168	60
NATURAL SCIENTISTS	410	270	134	82	11	41	6	-	14	31	304	43
HEALTH DIAGNOSING OCCUPATIONS	430	253	134	37	71	26	43	-	29	34	134	220
PHYSICIANS	397	220	134	37	71	26	43	-	25	34	118	207
DENTISTS	12	12	-	-	-	-	-	-	4	-	8	-
OTHER HEALTH DIAGNOSING PRACTITIONERS	21	21	-	-	-	-	-	-	-	-	8	13
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	9 991	7 830	1 995	267	875	853	166	-	581	2 600	5 023	1 472
REGISTERED NURSES	8 204	6 691	1 396	208	644	544	117	-	433	2 336	3 950	1 217
PHARMACISTS	201	166	22	-	8	14	13	-	26	51	85	39
THERAPISTS	980	588	368	20	127	221	24	-	75	118	611	142
TEACHERS, LIBRARIANS, AND COUNSELORS	17 849	5 312	12 147	113	1 594	10 440	371	19	1 582	3 316	10 078	2 600
TEACHERS, POSTSECONDARY	1 121	306	815	8	758	49	-	-	137	324	355	301
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	11 366	3 335	7 978	57	327	7 594	53	-	778	1 960	6 929	1 496
TEACHERS, SECONDARY	2 595	497	2 098	-	89	2 009	-	-	200	399	1 461	498
SOCIAL SCIENTISTS AND URBAN PLANNERS	548	325	205	17	43	145	18	-	16	67	311	136
SOCIAL AND RECREATION WORKERS	2 292	915	1 334	118	399	817	43	-	85	303	1 468	383
RELIGIOUS WORKERS	350	335	6	-	-	6	9	-	23	101	109	110
LAWYERS AND JUDGES	319	164	97	22	32	43	58	-	19	32	122	130
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	2 995	2 444	178	59	68	51	329	44	364	539	1 383	606
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	123 086	103 655	16 250	4 996	4 705	6 549	2 392	789	7 900	28 775	70 118	13 077
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	8 812	7 158	1 527	290	822	415	110	17	375	1 548	5 484	1 041
HEALTH TECHNOLOGISTS AND TECHNICIANS	5 791	4 705	992	166	586	240	90	4	277	1 149	3 439	614
LICENSED PRACTICAL NURSES	2 907	2 368	449	46	249	154	86	4	115	600	1 718	298
ENGINEERING AND SCIENCE TECHNICIANS	1 465	1 322	143	59	46	38	-	-	36	200	988	211
ELECTRICAL AND ELECTRONIC TECHNICIANS	128	105	23	6	-	17	-	-	-	12	78	38
DRAFTING AND SURVEYING TECHNICIANS	295	293	2	-	-	2	-	-	10	46	173	53
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	1 556	1 131	392	65	190	137	20	13	62	199	1 057	216
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	610	548	62	17	32	13	-	-	14	25	456	99
SALES OCCUPATIONS	31 412	28 963	493	58	181	254	1 718	238	3 642	12 595	10 313	3 933
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	2 803	2 356	24	-	20	4	404	19	52	381	1 255	1 050
SELF-EMPLOYED	423	-	-	-	-	-	404	19	32	73	118	185
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	4 060	3 493	11	-	-	11	537	19	419	1 033	1 599	887
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	1 213	1 174	-	-	-	-	31	8	61	237	634	250
SALES WORKERS, RETAIL AND PERSONAL SERVICES	23 173	21 779	456	58	161	237	746	192	3 088	10 853	6 798	1 733
CASHIERS	10 238	9 763	379	42	111	226	53	43	1 198	4 984	2 892	846
SALES RELATED OCCUPATIONS	163	161	2	-	-	2	-	-	22	91	27	13

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

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

CINCINNATI, OH-KY-IN SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	82 862	67 534	14 230	4 648	3 702	5 880	564	534	3 883	14 632	54 321	8 103
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	3 184	2 613	530	228	152	150	6	35	40	260	2 248	564
COMPUTER EQUIPMENT OPERATORS	1 855	1 527	328	167	71	90	-	-	47	206	1 271	304
SECRETARIES, STENOGRAPHERS, AND TYPISTS	28 984	23 088	5 446	1 086	1 611	2 749	229	221	1 172	4 821	19 957	2 390
SECRETARIES	23 828	19 627	3 853	701	1 206	1 946	143	205	866	3 772	16 639	2 071
RECEPTIONISTS	3 431	3 099	325	71	137	117	-	7	367	920	1 792	251
FILE CLERKS	1 407	1 074	327	158	74	95	-	6	121	289	907	79
FINANCIAL RECORDS PROCESSING OCCUPATIONS	11 478	10 299	776	216	199	361	196	207	641	1 980	7 355	1 256
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	8 602	7 674	537	140	127	270	189	202	559	1 658	5 329	894
TELEPHONE OPERATORS	1 286	1 196	84	25	14	45	-	6	43	308	857	47
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	1 629	657	967	857	49	61	5	-	131	248	965	232
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	2 236	2 084	146	49	53	44	-	6	63	311	1 381	395
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	628	628	-	-	-	-	-	-	5	49	481	84
BANK TELLERS	2 909	2 827	82	41	6	35	-	-	98	546	1 995	216
DATA-ENTRY KEYERS	3 025	2 470	555	266	116	173	-	-	34	412	2 147	378
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	20 810	15 972	4 664	1 484	1 220	1 960	128	46	1 121	4 282	12 965	1 907
SERVICE OCCUPATIONS	46 146	38 341	5 719	508	1 318	3 893	1 962	124	5 738	17 193	17 714	3 857
PRIVATE HOUSEHOLD OCCUPATIONS	3 017	3 017	-	-	-	-	-	-	801	1 174	639	246
PROTECTIVE SERVICE OCCUPATIONS	858	467	391	13	41	337	-	-	146	218	355	98
FIREFIGHTING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
POLICE AND DETECTIVES, PUBLIC SERVICE	82	-	82	-	-	82	-	-	3	-	60	14
GUARDS	694	457	237	13	41	183	-	-	143	212	227	76
OTHER PROTECTIVE SERVICE OCCUPATIONS	82	10	72	-	-	72	-	-	-	6	68	8
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	42 271	34 857	5 328	495	1 277	3 556	1 962	124	4 791	15 801	16 720	3 513
FOOD PREPARATION AND SERVICE OCCUPATIONS	20 646	18 105	2 268	117	313	1 838	219	54	2 671	9 304	6 271	1 764
WAITERS AND FOOD COUNTER WORKERS	10 189	9 984	43	7	20	16	118	44	1 400	4 925	2 709	818
COOKS	4 805	3 762	993	35	101	857	48	2	371	1 868	1 905	497
HEALTH SERVICE OCCUPATIONS	9 004	7 618	1 311	179	587	545	45	30	537	2 185	5 251	626
NURSING AIDES, ORDERLIES, AND ATTENDANTS	6 455	5 310	1 081	140	485	456	45	19	310	1 622	3 768	427
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	6 071	5 020	923	113	250	560	97	31	868	1 751	2 899	364
PERSONAL SERVICE OCCUPATIONS	6 550	4 114	826	86	127	613	1 601	9	715	2 561	2 299	759
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	3 011	1 943	27	-	22	5	1 034	7	192	1 357	1 030	391
FARMING, FORESTRY, AND FISHING OCCUPATIONS	864	425	91	31	22	38	291	57	146	322	168	210
FARM OPERATORS AND MANAGERS	281	49	-	-	-	-	232	-	72	102	35	61
FARM OCCUPATIONS, EXCEPT MANAGERIAL	255	185	9	3	6	-	6	55	24	75	54	95
RELATED AGRICULTURAL OCCUPATIONS	322	185	82	28	16	38	53	2	50	145	79	48
FORESTRY AND FISHING OCCUPATIONS	6	6	-	-	-	-	-	-	-	-	-	6
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	5 040	4 660	129	44	22	63	219	32	177	702	2 940	1 059
MECHANICS AND REPAIRERS	614	579	18	11	4	3	15	2	21	77	356	138
AUTOMOBILE MECHANICS, INCLUDING BODY	32	30	-	-	-	-	-	2	-	-	20	12
AIRCRAFT MECHANICS	16	16	-	-	-	-	-	-	-	-	2	9
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	18	18	-	-	-	-	-	-	-	-	12	6
OTHER MECHANICS AND REPAIRERS	548	515	18	11	4	3	15	-	21	77	322	111
CONSTRUCTION TRADES	304	219	44	17	-	27	31	10	42	39	145	66
CARPENTERS	79	58	21	-	-	21	-	-	24	11	20	12
ELECTRICIANS	64	56	8	8	-	-	-	-	-	6	42	16
PAINTERS, CONSTRUCTION AND MAINTENANCE	56	34	-	-	-	-	22	-	13	6	27	10
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	21	6	6	-	-	6	4	5	-	-	11	10
OTHER CONSTRUCTION TRADES	84	65	9	9	-	-	5	5	5	16	45	18
EXTRACTIVE OCCUPATIONS	13	13	-	-	-	-	-	-	-	6	-	-
PRECISION PRODUCTION OCCUPATIONS	4 109	3 849	67	16	18	33	173	20	114	580	2 439	855
SUPERVISORS, PRODUCTION OCCUPATIONS	1 597	1 556	20	-	5	15	21	-	15	117	1 001	425
MANUFACTURING	1 004	999	-	-	-	-	5	-	10	18	679	269
PRECISION METALWORKING OCCUPATIONS	397	389	3	3	-	-	5	-	-	23	250	119
TOOL AND DIE MAKERS	23	23	-	-	-	-	-	-	-	-	18	5
MACHINISTS	295	295	-	-	-	-	-	-	-	9	177	104
SHEET METAL WORKERS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER PRECISION METAL WORKERS	79	71	3	3	-	-	5	-	-	14	55	10
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	724	595	-	-	-	-	127	2	46	214	361	73
PLANT AND SYSTEM OPERATORS	11	4	7	-	7	-	-	-	-	-	9	2
OTHER PRECISION PRODUCTION OCCUPATIONS	1 380	1 305	37	13	6	18	20	18	53	226	818	236

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

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

CINCINNATI, OH-KY-IN SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	25 651	23 829	1 555	220	221	1 114	218	49	996	4 411	15 612	3 081
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	17 205	16 577	465	140	130	195	145	18	475	2 294	11 196	2 094
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	10 526	10 107	288	65	116	107	113	18	332	1 541	6 667	1 370
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	890	868	7	-	-	7	15	-	30	99	532	161
PRINTING MACHINE OPERATORS	980	904	46	6	21	19	23	7	14	147	563	189
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	3 169	3 048	81	-	57	24	34	6	162	713	1 878	301
TEXTILE MACHINE OPERATORS	144	144	-	-	-	-	-	-	6	15	85	28
TEXTILE SEWING MACHINE OPERATORS	1 665	1 625	12	-	5	7	28	-	50	315	1 052	174
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	820	739	69	-	52	17	6	6	77	241	416	63
OTHER SPECIFIED MACHINE OPERATORS	2 099	2 019	80	21	32	27	-	-	59	245	1 420	236
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	3 388	3 268	74	38	6	30	41	5	67	337	2 274	483
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	1 477	1 406	33	17	-	16	38	-	30	163	976	233
MACHINE OPERATORS, NOT SPECIFIED	1 911	1 862	41	21	6	14	3	5	37	174	1 298	250
INDUSTRY:												
MANUFACTURING	2 984	2 930	44	24	6	14	10	-	30	256	2 032	458
NONDURABLE GOODS	1 791	1 779	5	-	-	5	7	-	22	142	1 257	228
FOOD AND KINDRED PRODUCTS	211	206	5	-	-	5	-	-	5	6	121	36
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	212	212	-	-	-	-	-	-	-	39	147	21
PAPER AND ALLIED PRODUCTS	431	431	-	-	-	-	-	-	12	27	290	69
OTHER NONDURABLE GOODS	937	930	-	-	-	-	7	-	5	70	699	102
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	1 193	1 151	39	24	6	9	3	-	8	114	775	230
METAL INDUSTRIES	260	252	8	-	6	2	-	-	8	18	180	39
MACHINERY, INCLUDING ELECTRICAL	429	422	7	-	-	7	-	-	-	29	276	107
TRANSPORTATION EQUIPMENT	113	89	24	24	-	-	-	-	-	18	58	27
OTHER DURABLE GOODS	391	388	-	-	-	-	3	-	-	49	261	57
NONMANUFACTURING INDUSTRIES	404	338	30	14	-	16	31	5	37	81	242	25
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	6	6	-	-	-	-	-	-	-	-	-	6
WHOLESALE AND RETAIL TRADE	187	167	-	-	-	-	20	-	37	45	90	8
ALL OTHER INDUSTRIES	211	165	30	14	-	16	11	5	-	36	152	11
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	4 518	4 385	105	42	8	55	28	-	110	501	2 982	449
WELDERS AND CUTTERS	146	139	7	7	-	-	-	-	-	6	111	13
ASSEMBLERS	4 076	3 970	91	35	8	48	15	-	91	454	2 712	381
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	296	276	7	-	-	7	13	-	19	41	159	55
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	2 161	2 085	72	33	6	33	4	-	33	252	1 547	275
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	2 185	1 199	941	24	79	838	45	-	186	905	761	254
MOTOR VEHICLE OPERATORS	1 829	843	941	24	79	838	45	-	179	878	523	196
TRUCK DRIVERS AND DRIVER-SALES WORKERS	452	391	33	8	6	19	28	-	37	105	223	76
BUS DRIVERS	1 194	334	853	6	53	794	7	-	127	727	237	61
RAIL AND WATER TRANSPORTATION OCCUPATIONS	19	19	-	-	-	-	-	-	7	-	8	4
MATERIAL MOVING EQUIPMENT OPERATORS	337	337	-	-	-	-	-	-	-	27	230	54
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	6 261	6 053	149	56	12	81	28	31	335	1 212	3 655	733
CONSTRUCTION LABORERS	43	35	8	-	-	8	-	-	7	16	15	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	1 213	1 155	24	19	-	5	17	17	150	423	438	144
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	193	179	-	-	-	-	5	9	7	42	77	38
HAND PACKERS AND PACKAGERS	3 234	3 196	38	-	-	38	-	-	106	400	2 217	339
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	228	228	-	-	-	-	-	-	23	75	94	20
LABORERS, EXCEPT CONSTRUCTION	1 350	1 260	79	37	12	30	6	5	42	256	814	192
MANUFACTURING	721	713	8	-	-	8	-	-	18	123	442	132
NONDURABLE GOODS	436	428	8	-	-	8	-	-	12	102	237	79
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	285	285	-	-	-	-	-	-	6	21	205	53
METAL INDUSTRIES	64	64	-	-	-	-	-	-	-	5	59	-
NONMANUFACTURING INDUSTRIES	629	547	71	37	12	22	6	5	24	133	372	60
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	71	53	18	18	-	-	-	-	6	11	47	-
WHOLESALE AND RETAIL TRADE	397	392	-	-	-	-	-	5	7	71	249	44
ALL OTHER INDUSTRIES	161	102	53	19	12	22	6	-	11	51	76	16

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

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

CINCINNATI, OH-KY-IN SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
WHITE												
MALES 16 YEARS AND OVER	316 970	262 904	32 617	8 385	6 620	17 612	21 026	423	9 041	29 914	153 339	117 262
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	78 911	58 511	13 266	2 216	3 912	7 138	7 101	33	1 392	3 719	36 142	36 596
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	43 496	35 982	4 422	1 206	1 031	2 185	3 077	15	472	1 376	18 838	22 246
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	811	-	811	170	138	503	-	-	2	28	524	248
MANAGEMENT RELATED OCCUPATIONS	9 382	7 202	1 552	718	336	498	628	-	169	412	5 134	3 536
PROFESSIONAL SPECIALTY OCCUPATIONS	35 415	22 529	8 844	1 010	2 881	4 953	4 024	18	920	2 343	17 304	14 350
ENGINEERS AND NATURAL SCIENTISTS	13 001	11 436	1 150	604	247	299	415	-	96	302	8 205	4 274
ENGINEERS	9 441	8 742	515	202	103	210	184	-	62	165	5 936	3 166
HEALTH DIAGNOSING OCCUPATIONS	3 119	1 570	421	81	290	50	1 128	-	24	224	742	2 074
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	1 412	1 063	205	75	68	62	142	2	37	155	508	681
TEACHERS, LIBRARIANS, AND COUNSELORS	7 701	1 880	5 695	56	1 824	3 815	122	4	375	728	3 739	2 743
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	4 603	933	3 670	13	167	3 490	-	-	126	216	2 542	1 654
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	63 671	52 730	6 559	4 140	1 049	1 370	4 309	73	2 078	5 854	31 209	23 526
HEALTH TECHNOLOGISTS AND TECHNICIANS	751	490	261	110	93	58	-	-	12	148	441	150
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	8 459	7 283	1 050	414	269	367	126	-	138	475	5 158	2 550
SALES OCCUPATIONS	30 804	26 528	212	27	129	56	4 003	61	1 138	3 183	12 066	14 005
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	5 797	4 474	38	6	32	-	1 252	33	64	210	1 417	4 024
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	15 575	13 704	37	7	21	9	1 830	4	242	909	7 822	6 365
OTHER SALES OCCUPATIONS	9 432	8 350	137	14	76	47	921	24	832	2 064	2 827	3 616
CASHIERS	1 465	1 323	82	8	36	38	50	10	193	547	388	311
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	23 657	18 429	5 036	3 589	558	889	180	12	790	2 048	13 544	6 821
COMPUTER EQUIPMENT OPERATORS	974	871	103	37	20	46	-	-	13	26	695	228
SECRETARIES, STENOGRAPHERS, AND TYPISTS	311	210	101	55	16	30	-	-	22	55	173	57
FINANCIAL RECORDS PROCESSING OCCUPATIONS	1 734	1 549	122	59	26	37	63	-	114	173	1 023	405
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	3 297	619	2 670	2 625	37	8	8	-	91	167	1 761	1 195
SERVICE OCCUPATIONS	25 971	18 766	6 393	456	695	5 242	779	33	2 436	6 229	9 958	6 748
PRIVATE HOUSEHOLD OCCUPATIONS	42	42	-	-	-	-	-	-	7	14	6	-
PROTECTIVE SERVICE OCCUPATIONS	6 718	2 379	4 328	165	350	3 813	11	-	195	488	2 995	2 921
POLICE AND FIREFIGHTERS	2 930	25	2 905	56	85	2 764	-	-	8	30	1 135	1 708
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	19 211	16 345	2 065	291	345	1 429	768	33	2 234	5 727	6 957	3 827
FOOD SERVICE OCCUPATIONS	8 329	7 998	106	16	13	77	205	20	1 279	3 806	1 783	1 303
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	8 829	6 908	1 754	251	230	1 273	154	13	751	1 508	4 436	1 859
FARMING, FORESTRY, AND FISHING OCCUPATIONS	4 050	2 170	265	6	55	204	1 475	140	360	811	1 302	1 492
FARM OPERATORS AND MANAGERS	1 455	175	-	-	-	-	1 280	-	95	179	258	897
FARM WORKERS AND RELATED OCCUPATIONS	2 504	1 941	251	6	55	190	172	140	257	612	1 003	580
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	66 090	57 245	2 919	623	478	1 818	5 846	80	973	4 961	34 671	23 692
MECHANICS AND REPAIRERS	20 422	17 905	1 148	307	175	666	1 333	36	231	1 025	10 735	7 878
CONSTRUCTION TRADES	22 207	17 217	1 062	177	194	691	3 906	22	554	3 147	12 310	5 467
PRECISION PRODUCTION OCCUPATIONS	23 340	22 009	702	132	109	461	607	22	188	789	11 556	10 303
OPERATORS, FABRICATORS, AND LABORERS	78 277	73 482	3 215	944	431	1 840	1 516	64	1 802	8 340	40 057	25 208
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	23 889	23 385	261	105	36	120	237	6	189	1 297	13 822	7 756
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	13 406	12 910	301	162	25	114	195	-	162	861	8 232	3 640
TRANSPORTATION OCCUPATIONS	18 221	16 075	1 335	331	161	843	811	-	406	1 639	7 039	8 430
MOTOR VEHICLE OPERATORS	16 045	14 152	1 082	93	146	843	811	-	385	1 532	5 888	7 621
MATERIAL MOVING EQUIPMENT OPERATORS	5 009	4 629	230	70	60	100	146	4	115	396	2 739	1 581
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	17 752	16 483	1 088	276	149	663	127	54	930	4 147	8 225	3 801
CONSTRUCTION LABORERS	2 449	2 067	376	13	67	296	-	6	133	603	1 204	420
FREIGHT, STOCK, AND MATERIAL HANDLERS	6 006	5 694	263	149	13	101	38	11	407	1 784	2 421	1 207

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CINCINNATI, OH-KY-IN SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
WHITE												
FEMALES 16 YEARS AND OVER	221 768	180 125	33 897	5 916	7 609	20 372	6 457	1 289	16 140	53 934	116 631	28 791
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	48 453	29 794	16 633	1 796	3 229	11 608	1 760	266	3 003	8 402	26 145	9 858
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	16 015	12 374	2 669	1 235	541	893	769	203	455	1 873	9 157	4 247
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	336	-	336	86	22	228	-	-	33	35	229	39
MANAGEMENT RELATED OCCUPATIONS	5 050	3 576	1 304	986	167	151	154	16	154	580	3 302	872
PROFESSIONAL SPECIALTY OCCUPATIONS	32 438	17 420	13 964	561	2 688	10 715	991	63	2 548	6 529	16 988	5 611
ENGINEERS AND NATURAL SCIENTISTS	1 294	1 059	215	93	24	98	20	-	14	76	841	307
ENGINEERS	473	456	17	-	6	11	-	-	-	22	262	157
HEALTH DIAGNOSING OCCUPATIONS	345	200	111	37	54	20	34	-	19	34	100	179
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	9 144	7 325	1 669	192	703	774	150	-	544	2 485	4 462	1 356
TEACHERS, LIBRARIANS, AND COUNSELORS	16 090	4 973	10 734	86	1 474	9 174	364	19	1 506	3 002	8 855	2 492
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	12 552	3 609	8 890	48	408	8 434	53	-	916	2 110	7 384	1 940
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	110 518	95 155	12 319	3 688	3 557	5 074	2 255	789	7 370	26 448	61 988	11 963
HEALTH TECHNOLOGISTS AND TECHNICIANS	4 380	3 759	538	101	312	125	79	4	263	927	2 489	455
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	2 661	2 219	409	74	210	125	20	13	98	350	1 773	395
SALES OCCUPATIONS	29 213	26 938	424	54	170	200	1 613	238	3 419	11 932	9 349	3 661
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	2 676	2 275	20	-	20	-	362	19	46	365	1 196	1 004
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	4 981	4 412	6	-	-	6	536	27	449	1 235	2 061	1 089
OTHER SALES OCCUPATIONS	21 556	20 251	398	54	150	194	715	192	2 924	10 332	6 092	1 568
CASHIERS	9 287	8 870	325	38	100	187	49	43	1 073	4 612	2 570	743
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	74 264	62 239	10 948	3 459	2 865	4 624	543	534	3 590	13 239	48 377	7 452
COMPUTER EQUIPMENT OPERATORS	1 653	1 376	277	148	59	70	-	-	47	193	1 113	275
SECRETARIES, STENOGRAPHERS, AND TYPISTS	26 808	21 924	4 455	880	1 327	2 248	208	221	1 104	4 457	18 408	2 278
FINANCIAL RECORDS PROCESSING OCCUPATIONS	10 853	9 874	576	128	161	287	196	207	618	1 901	6 910	1 219
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	1 133	570	558	531	7	20	5	-	112	190	610	175
SERVICE OCCUPATIONS	36 063	30 682	3 538	246	650	2 642	1 740	103	4 636	14 346	12 780	3 182
PRIVATE HOUSEHOLD OCCUPATIONS	1 495	1 495	-	-	-	-	-	-	411	523	337	176
PROTECTIVE SERVICE OCCUPATIONS	723	409	314	13	41	260	-	-	140	198	275	85
POLICE AND FIREFIGHTERS	66	-	66	-	-	66	-	-	3	-	44	14
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	33 845	28 778	3 224	233	609	2 382	1 740	103	4 085	13 625	12 168	2 921
FOOD SERVICE OCCUPATIONS	18 148	16 082	1 826	79	186	1 561	201	39	2 444	8 514	5 117	1 537
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	3 826	3 252	452	36	99	317	91	31	619	1 136	1 704	252
FARMING, FORESTRY, AND FISHING OCCUPATIONS	812	413	59	31	11	17	283	57	146	294	150	204
FARM OPERATORS AND MANAGERS	273	49	-	-	-	-	224	-	72	94	35	61
FARM WORKERS AND RELATED OCCUPATIONS	533	358	59	31	11	17	59	57	74	200	115	137
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	4 434	4 113	88	18	22	48	201	32	161	653	2 544	940
MECHANICS AND REPAIRERS	535	508	10	6	4	-	15	2	21	77	300	121
CONSTRUCTION TRADES	261	190	30	9	-	21	31	10	31	39	113	66
PRECISION PRODUCTION OCCUPATIONS	3 625	3 402	48	3	18	27	155	20	109	531	2 131	753
OPERATORS, FABRICATORS, AND LABORERS	21 488	19 968	1 260	137	140	983	218	42	824	3 791	13 024	2 644
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	8 801	8 479	191	30	72	89	113	18	256	1 301	5 592	1 213
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	5 424	5 289	103	40	8	55	32	-	111	619	3 663	609
TRANSPORTATION OCCUPATIONS	1 646	754	847	16	55	776	45	-	169	778	486	165
MOTOR VEHICLE OPERATORS	1 627	735	847	16	55	776	45	-	162	778	478	161
MATERIAL MOVING EQUIPMENT OPERATORS	290	290	-	-	-	-	-	-	-	19	197	54
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	5 327	5 156	119	51	5	63	28	24	288	1 074	3 086	603
CONSTRUCTION LABORERS	32	30	2	-	-	2	-	-	7	11	9	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	1 142	1 089	19	14	-	5	17	17	128	418	406	132

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

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

CINCINNATI, OH-KY-IN SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
BLACK												
MALES 16 YEARS AND OVER	29 864	22 193	6 879	2 184	1 022	3 673	776	16	1 113	3 288	17 913	6 331
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	3 523	2 091	1 242	215	253	774	184	6	86	235	2 108	1 033
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	1 595	1 018	469	111	100	258	102	6	15	118	914	519
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	121	-	121	22	21	78	-	-	-	7	82	32
MANAGEMENT RELATED OCCUPATIONS	354	210	127	39	36	52	17	-	4	30	206	105
PROFESSIONAL SPECIALTY OCCUPATIONS	1 928	1 073	773	104	153	516	82	-	71	117	1 194	514
ENGINEERS AND NATURAL SCIENTISTS	541	489	52	33	12	7	-	-	6	5	380	145
ENGINEERS	389	350	39	26	6	7	-	-	-	5	258	121
HEALTH DIAGNOSING OCCUPATIONS	79	12	19	6	-	13	48	-	-	12	9	50
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	121	67	54	17	29	8	-	-	-	7	84	30
TEACHERS, LIBRARIANS, AND COUNSELORS	469	113	356	-	58	298	-	-	34	40	270	125
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	316	22	294	-	7	287	-	-	13	27	213	63
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	4 626	2 946	1 560	1 075	209	276	110	10	145	337	2 803	1 189
HEALTH TECHNOLOGISTS AND TECHNICIANS	140	71	69	33	31	5	-	-	-	-	96	44
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	448	374	74	37	6	31	-	-	14	15	277	124
SALES OCCUPATIONS	1 107	937	50	-	44	6	110	10	62	131	468	419
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	210	128	-	-	-	-	72	10	5	14	77	114
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	420	382	6	-	-	6	32	-	20	30	193	173
OTHER SALES OCCUPATIONS	477	427	44	-	44	-	6	-	37	87	198	132
CASHIERS	127	120	7	-	7	-	-	-	12	28	67	11
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	2 931	1 564	1 367	1 005	128	234	-	-	69	191	1 962	602
COMPUTER EQUIPMENT OPERATORS	112	93	19	7	7	5	-	-	-	4	74	34
SECRETARIES, STENOGRAPHERS, AND TYPISTS	15	7	8	6	2	-	-	-	-	-	13	-
FINANCIAL RECORDS PROCESSING OCCUPATIONS	80	74	6	-	6	-	-	-	-	6	65	9
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	844	95	749	731	18	-	-	-	24	38	571	204
SERVICE OCCUPATIONS	6 262	4 192	2 008	456	363	1 189	62	-	401	1 249	3 451	925
PRIVATE HOUSEHOLD OCCUPATIONS	66	66	-	-	-	-	-	-	13	28	20	5
PROTECTIVE SERVICE OCCUPATIONS	714	281	433	88	28	317	-	-	23	66	391	208
POLICE AND FIREFIGHTERS	179	-	179	6	-	173	-	-	5	-	91	83
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	5 482	3 845	1 575	368	335	872	62	-	365	1 155	3 040	712
FOOD SERVICE OCCUPATIONS	1 531	1 408	118	50	34	34	5	-	80	423	756	212
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	3 204	1 925	1 251	264	214	773	28	-	278	575	1 840	387
FARMING, FORESTRY, AND FISHING OCCUPATIONS	335	175	146	-	20	126	14	-	24	34	220	42
FARM OPERATORS AND MANAGERS	6	-	-	-	-	-	6	-	-	-	-	6
FARM WORKERS AND RELATED OCCUPATIONS	323	169	146	-	20	126	8	-	24	34	220	30
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	4 731	3 826	607	108	77	422	298	-	99	363	3 038	1 029
MECHANICS AND REPAIRERS	1 228	934	199	50	21	128	95	-	27	34	823	318
CONSTRUCTION TRADES	1 511	1 110	214	53	24	137	187	-	42	222	988	177
PRECISION PRODUCTION OCCUPATIONS	1 988	1 778	194	5	32	157	16	-	30	107	1 223	534
OPERATORS, FABRICATORS, AND LABORERS	10 387	8 963	1 316	330	100	886	108	-	358	1 070	6 293	2 113
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	2 874	2 678	173	53	14	106	23	-	72	222	1 749	677
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	1 724	1 610	105	41	8	56	9	-	18	126	1 194	310
TRANSPORTATION OCCUPATIONS	1 859	1 422	392	61	32	299	45	-	58	154	1 051	505
MOTOR VEHICLE OPERATORS	1 788	1 351	392	61	32	299	45	-	58	149	1 011	485
MATERIAL MOVING EQUIPMENT OPERATORS	758	688	70	12	6	52	-	-	16	61	481	149
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	3 172	2 565	576	163	40	373	31	-	194	507	1 818	472
CONSTRUCTION LABORERS	771	675	96	-	6	90	-	-	60	152	409	82
FREIGHT, STOCK, AND MATERIAL HANDLERS	808	521	277	134	6	137	10	-	43	147	460	128

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

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

CINCINNATI, OH-KY-IN SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
BLACK												
FEMALES 16 YEARS AND OVER	31 289	21 639	9 246	2 145	2 369	4 732	390	14	1 943	6 236	18 903	2 753
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	4 893	1 928	2 892	470	529	1 893	66	7	194	625	3 413	516
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	1 441	771	648	288	159	201	15	7	40	127	997	225
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	89	-	89	38	16	35	-	-	-	13	58	18
MANAGEMENT RELATED OCCUPATIONS	598	269	329	213	92	24	-	-	9	35	465	59
PROFESSIONAL SPECIALTY OCCUPATIONS	3 452	1 157	2 244	182	370	1 692	51	-	154	498	2 416	291
ENGINEERS AND NATURAL SCIENTISTS	146	115	31	22	9	-	-	-	-	5	130	5
ENGINEERS	49	49	-	-	-	-	-	-	-	5	44	-
HEALTH DIAGNOSING OCCUPATIONS	22	22	-	-	-	-	-	-	4	-	-	18
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	733	427	296	70	161	65	10	-	37	94	486	103
TEACHERS, LIBRARIANS, AND COUNSELORS	1 648	300	1 341	27	96	1 218	7	-	71	300	1 153	86
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	1 340	198	1 142	9	6	1 127	-	-	62	241	956	43
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	12 168	8 211	3 853	1 308	1 087	1 458	104	-	502	2 220	7 926	1 062
HEALTH TECHNOLOGISTS AND TECHNICIANS	1 344	897	442	65	267	110	5	-	14	192	919	153
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	317	197	120	50	20	50	-	-	-	49	234	27
SALES OCCUPATIONS	2 065	1 924	63	4	11	48	78	-	200	624	921	252
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	123	81	4	-	-	4	38	-	6	16	59	42
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	262	231	5	-	-	5	26	-	31	29	159	43
OTHER SALES OCCUPATIONS	1 680	1 612	54	4	11	39	14	-	163	579	703	167
CASHIERS	912	864	48	4	11	33	-	-	119	346	322	99
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	8 442	5 193	3 228	1 189	789	1 250	21	-	288	1 355	5 852	630
COMPUTER EQUIPMENT OPERATORS	190	151	39	19	-	20	-	-	-	13	146	29
SECRETARIES, STENOGRAPHERS, AND TYPISTS	2 130	1 142	967	206	266	495	21	-	68	349	1 532	98
FINANCIAL RECORDS PROCESSING OCCUPATIONS	599	399	200	88	38	74	-	-	23	73	425	37
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	496	87	409	326	42	41	-	-	19	58	355	57
SERVICE OCCUPATIONS	9 721	7 383	2 139	258	661	1 220	199	-	1 072	2 738	4 761	642
PRIVATE HOUSEHOLD OCCUPATIONS	1 518	1 518	-	-	-	-	-	-	390	651	298	70
PROTECTIVE SERVICE OCCUPATIONS	135	58	77	-	-	77	-	-	6	20	80	13
POLICE AND FIREFIGHTERS	16	-	16	-	-	16	-	-	-	-	16	-
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	8 068	5 807	2 062	258	661	1 143	199	-	676	2 067	4 383	559
FOOD SERVICE OCCUPATIONS	2 326	1 884	433	38	124	271	9	-	215	747	1 068	202
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	2 183	1 722	455	73	151	231	6	-	231	611	1 161	112
FARMING, FORESTRY, AND FISHING OCCUPATIONS	52	12	32	-	11	21	8	-	-	28	18	6
FARM OPERATORS AND MANAGERS	8	-	-	-	-	-	8	-	-	8	-	-
FARM WORKERS AND RELATED OCCUPATIONS	44	12	32	-	11	21	-	-	-	20	18	6
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	541	493	35	26	-	9	13	-	11	31	360	113
MECHANICS AND REPAIRERS	73	65	8	5	-	3	-	-	-	-	50	17
CONSTRUCTION TRADES	38	24	14	8	-	6	-	-	11	-	27	-
PRECISION PRODUCTION OCCUPATIONS	430	404	13	13	-	-	13	-	-	31	283	96
OPERATORS, FABRICATORS, AND LABORERS	3 914	3 612	295	83	81	131	-	7	164	594	2 425	414
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	1 616	1 519	97	35	44	18	-	-	76	226	998	157
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	1 213	1 139	74	35	6	33	-	-	32	128	836	115
TRANSPORTATION OCCUPATIONS	196	102	94	8	24	62	-	-	17	100	45	29
MOTOR VEHICLE OPERATORS	196	102	94	8	24	62	-	-	17	100	45	29
MATERIAL MOVING EQUIPMENT OPERATORS	47	47	-	-	-	-	-	-	-	8	33	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	842	805	30	5	7	18	-	7	39	132	513	113
CONSTRUCTION LABORERS	11	5	6	-	-	6	-	-	-	5	6	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	51	46	5	5	-	-	-	-	14	5	32	-

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

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

CLEVELAND, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
MALES 16 YEARS AND OVER	482 902	399 906	55 972	15 087	5 314	35 571	26 383	641	14 311	40 500	252 833	162 743
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	119 921	90 730	19 138	3 544	2 535	13 059	9 951	102	2 147	5 106	57 272	53 606
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	66 720	56 013	6 735	1 749	1 052	3 934	3 889	83	813	1 961	30 404	32 665
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	1 386	-	1 386	400	141	845	-	-	36	35	956	353
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	1 763	493	1 270	11	148	1 111	-	-	13	42	726	961
MANAGERS, MEDICINE AND HEALTH	502	384	104	-	37	67	14	-	10	23	231	233
OTHER SPECIFIED MANAGERS	13 594	12 889	377	224	38	115	322	6	149	256	6 280	6 745
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	31 736	30 313	1 423	415	190	818	-	-	324	784	12 706	17 480
MANUFACTURING	11 422	11 410	12	6	-	6	-	-	63	164	4 812	6 245
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	2 543	2 195	348	171	10	167	-	-	-	30	1 292	1 168
WHOLESALE AND RETAIL TRADE	8 111	8 081	30	12	14	4	-	-	115	208	2 381	5 285
ALL OTHER INDUSTRIES	9 660	8 627	1 033	226	166	641	-	-	146	382	4 221	4 782
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	2 552	-	-	-	-	-	2 482	70	47	281	689	1 464
CONSTRUCTION	446	-	-	-	-	-	431	15	16	65	203	129
MANUFACTURING	303	-	-	-	-	-	303	-	12	52	85	149
WHOLESALE AND RETAIL TRADE	982	-	-	-	-	-	957	25	6	58	178	726
ALL OTHER INDUSTRIES	821	-	-	-	-	-	791	30	13	106	223	460
MANAGEMENT RELATED OCCUPATIONS	15 187	11 934	2 175	699	498	978	1 071	7	234	540	8 816	5 429
ACCOUNTANTS AND AUDITORS	6 677	5 535	508	201	180	127	634	-	81	206	3 741	2 582
BUYERS AND PURCHASING AGENTS	2 563	2 421	82	33	13	36	60	-	9	53	1 539	929
PROFESSIONAL SPECIALTY OCCUPATIONS	53 201	34 717	12 403	1 795	1 483	9 125	6 062	19	1 334	3 145	26 868	20 941
ENGINEERS, ARCHITECTS, AND SURVEYORS	15 011	13 136	1 410	838	109	463	465	-	75	480	9 694	4 537
ARCHITECTS	915	672	35	7	8	20	208	-	5	68	463	347
ENGINEERS	13 979	12 383	1 339	822	101	416	257	-	70	412	9 128	4 182
ELECTRICAL AND ELECTRONIC ENGINEERS	2 672	2 539	103	67	6	30	30	-	23	73	1 690	880
MECHANICAL ENGINEERS	2 907	2 734	126	104	8	14	47	-	-	79	1 882	895
OTHER ENGINEERS	8 400	7 110	1 110	651	87	372	180	-	47	260	5 556	2 407
SURVEYORS AND MAPPING SCIENTISTS	117	81	36	9	-	27	-	-	-	-	103	8
MATHEMATICAL AND COMPUTER SCIENTISTS	1 879	1 656	199	135	7	57	24	-	6	60	1 270	520
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	1 234	1 094	118	85	7	26	22	-	6	54	787	371
NATURAL SCIENTISTS	1 672	1 513	142	76	7	59	17	-	-	32	1 185	416
HEALTH DIAGNOSING OCCUPATIONS	5 868	3 697	495	161	13	321	1 676	-	41	360	1 441	3 910
PHYSICIANS	4 208	2 955	447	127	13	307	806	-	19	163	723	3 230
DENTISTS	1 152	561	36	28	-	8	555	-	22	137	486	464
OTHER HEALTH DIAGNOSING PRACTITIONERS	508	181	12	6	-	6	315	-	-	60	232	216
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	2 108	1 619	370	111	48	211	119	-	40	162	1 044	806
REGISTERED NURSES	432	360	72	15	9	48	-	-	5	50	275	95
PHARMACISTS	817	728	49	43	-	6	40	-	18	45	275	462
THERAPISTS	479	328	113	35	39	39	38	-	6	36	332	85
TEACHERS, LIBRARIANS, AND COUNSELORS	11 328	3 382	7 785	54	1 002	6 729	161	-	522	837	5 828	3 921
TEACHERS, POSTSECONDARY	2 011	1 157	854	8	608	238	-	-	138	219	714	819
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	4 403	731	3 672	-	139	3 533	-	-	113	275	2 507	1 472
TEACHERS, SECONDARY	3 092	543	2 549	6	100	2 443	-	-	112	112	1 675	1 148
SOCIAL SCIENTISTS AND URBAN PLANNERS	1 300	930	257	66	52	139	113	-	20	58	696	504
SOCIAL AND RECREATION WORKERS	1 229	357	848	88	162	598	24	-	63	9	861	266
RELIGIOUS WORKERS	1 704	1 478	22	15	-	7	204	-	46	91	333	1 214
LAWYERS AND JUDGES	4 971	2 100	677	188	61	428	2 194	-	165	298	1 623	2 814
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	6 131	4 849	198	63	22	113	1 065	19	356	758	2 893	2 033
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	93 837	77 501	10 759	7 208	876	2 675	5 436	141	2 917	7 384	49 803	31 700
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	14 780	12 762	1 753	923	162	668	225	40	345	808	9 377	3 990
HEALTH TECHNOLOGISTS AND TECHNICIANS	1 449	1 048	342	98	45	199	50	9	50	184	805	387
LICENSED PRACTICAL NURSES	76	53	19	14	5	-	4	-	-	10	44	16
ENGINEERING AND SCIENCE TECHNICIANS	8 769	8 135	547	276	76	195	87	-	156	343	5 794	2 331
ELECTRICAL AND ELECTRONIC TECHNICIANS	1 792	1 615	172	133	-	39	5	-	24	49	1 185	509
DRAFTING AND SURVEYING TECHNICIANS	3 329	3 149	147	46	21	80	33	-	40	154	2 156	926
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	4 562	3 579	864	549	41	274	88	31	139	281	2 778	1 272
AIRPLANE PILOTS AND NAVIGATORS	335	327	2	2	-	-	6	-	13	117	98	96
COMPUTER PROGRAMMERS	1 759	1 571	162	107	9	46	26	-	44	71	1 200	423
SALES OCCUPATIONS	42 650	37 177	409	82	216	111	4 997	67	1 644	3 645	18 126	18 331
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	7 055	5 774	41	6	30	5	1 235	5	44	187	2 247	4 478
SELF-EMPLOYED	1 240	-	-	-	-	-	1 235	5	20	73	203	919
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	9 915	8 259	54	37	-	17	1 591	11	248	809	4 511	4 132
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	13 147	12 116	19	5	5	9	1 012	-	117	459	6 921	5 389
SALES WORKERS, RETAIL AND PERSONAL SERVICES	12 473	10 987	295	34	181	80	1 140	51	1 235	2 175	4 434	4 300
CASHIERS	1 769	1 503	132	-	69	63	132	2	220	495	681	288
SALES RELATED OCCUPATIONS	60	41	-	-	-	-	19	-	-	15	13	32

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

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

CLEVELAND, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	36 407	27 562	8 597	6 203	498	1 896	214	34	928	2 931	22 300	9 379
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	5 383	4 046	1 318	856	98	364	12	7	58	119	3 310	1 796
COMPUTER EQUIPMENT OPERATORS	1 569	1 431	138	70	13	55	-	-	18	83	984	461
SECRETARIES, STENOGRAPHERS, AND TYPISTS	641	467	161	81	7	73	13	-	36	58	403	134
SECRETARIES	429	352	77	36	7	34	-	-	22	36	252	109
RECEPTIONISTS	173	143	30	16	-	14	-	-	5	46	83	33
FILE CLERKS	458	326	132	44	45	43	-	-	81	65	210	89
FINANCIAL RECORDS PROCESSING OCCUPATIONS	2 293	1 930	327	188	35	104	29	7	21	221	1 415	586
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	1 397	1 232	129	59	16	54	29	7	21	136	866	329
TELEPHONE OPERATORS	175	160	15	5	6	4	-	-	-	27	118	30
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	5 375	1 170	4 192	4 122	20	50	13	-	109	346	3 488	1 323
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	8 263	8 023	240	64	27	149	-	-	197	899	4 891	2 052
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	587	562	17	5	12	-	8	-	-	23	393	158
BANK TELLERS	262	249	8	8	-	-	5	-	9	22	185	40
DATA-ENTRY KEYERS	155	120	35	28	-	7	-	-	6	-	110	32
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	11 073	8 935	1 984	716	235	1 033	134	20	388	1 022	6 710	2 645
SERVICE OCCUPATIONS	42 331	28 403	12 478	1 043	841	10 594	1 368	82	3 795	8 763	17 836	10 618
PRIVATE HOUSEHOLD OCCUPATIONS	162	162	-	-	-	-	-	-	50	28	38	33
PROTECTIVE SERVICE OCCUPATIONS	11 987	4 008	7 937	345	270	7 322	42	-	302	1 062	5 328	5 052
FIREFIGHTING OCCUPATIONS	1 963	4	1 959	12	9	1 938	-	-	7	32	263	1 649
POLICE AND DETECTIVES, PUBLIC SERVICE	3 306	-	3 306	108	62	3 136	-	-	33	21	1 563	1 617
GUARDS	5 027	3 796	1 189	199	143	847	42	-	254	960	2 501	1 190
OTHER PROTECTIVE SERVICE OCCUPATIONS	1 691	208	1 483	26	56	1 401	-	-	8	49	1 001	596
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	30 182	24 233	4 541	698	571	3 272	1 326	82	3 443	7 673	12 470	5 533
FOOD PREPARATION AND SERVICE OCCUPATIONS	11 374	10 843	158	82	24	52	328	45	1 959	4 329	2 896	1 768
WAITERS AND FOOD COUNTER WORKERS	1 320	1 295	18	-	-	18	7	-	218	560	345	124
COOKS	4 317	4 137	52	19	17	16	104	24	622	1 850	1 123	623
HEALTH SERVICE OCCUPATIONS	1 603	1 231	372	91	143	138	-	-	92	285	987	210
NURSING AIDES, ORDERLIES, AND ATTENDANTS	1 083	780	303	85	116	102	-	-	26	159	753	122
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	14 608	10 532	3 778	493	355	2 930	276	22	1 182	2 491	7 699	2 720
PERSONAL SERVICE OCCUPATIONS	2 597	1 627	233	32	49	152	722	15	210	568	888	835
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	1 270	575	8	8	-	-	682	5	38	158	422	613
FARMING, FORESTRY, AND FISHING OCCUPATIONS	4 339	2 466	462	15	43	404	1 293	118	351	846	1 452	1 501
FARM OPERATORS AND MANAGERS	1 305	187	2	-	2	-	1 116	-	68	161	243	777
FARM OCCUPATIONS, EXCEPT MANAGERIAL	762	624	19	-	6	13	8	111	71	196	177	303
RELATED AGRICULTURAL OCCUPATIONS	2 158	1 576	441	15	35	391	134	7	207	472	972	394
FORESTRY AND FISHING OCCUPATIONS	114	79	-	-	-	-	35	-	5	17	60	27
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	99 567	87 689	5 485	1 499	445	3 541	6 265	128	1 588	6 099	56 242	32 899
MECHANICS AND REPAIRERS	30 748	26 820	2 125	635	188	1 302	1 759	44	584	1 599	17 837	10 093
AUTOMOBILE MECHANICS, INCLUDING BODY	7 595	6 219	458	69	40	349	897	21	233	494	4 239	2 451
AIRCRAFT MECHANICS	453	384	64	51	-	13	5	-	-	-	345	98
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	995	814	31	14	5	12	150	-	50	42	579	311
OTHER MECHANICS AND REPAIRERS	21 705	19 403	1 572	501	143	928	707	23	301	1 063	12 674	7 233
CONSTRUCTION TRADES	26 160	20 650	1 791	371	180	1 240	3 651	68	677	3 100	15 690	5 700
CARPENTERS	4 948	3 526	218	68	10	140	1 177	27	185	868	2 889	803
ELECTRICIANS	5 193	4 615	400	171	24	205	178	-	85	186	3 323	1 492
PAINTERS, CONSTRUCTION AND MAINTENANCE	2 477	1 481	238	16	15	207	734	24	102	421	1 416	408
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	3 509	3 095	191	18	19	154	223	-	80	230	2 321	730
OTHER CONSTRUCTION TRADES	10 033	7 933	744	98	112	534	1 339	17	225	1 395	5 741	2 267
EXTRACTIVE OCCUPATIONS	111	111	-	-	-	-	-	-	-	2	75	27
PRECISION PRODUCTION OCCUPATIONS	42 548	40 108	1 569	493	77	999	855	16	327	1 398	22 640	17 079
SUPERVISORS, PRODUCTION OCCUPATIONS	17 630	16 983	487	85	11	391	155	5	87	396	8 762	7 958
MANUFACTURING	14 127	14 056	15	13	-	2	56	-	55	264	7 005	6 442
PRECISION METALWORKING OCCUPATIONS	16 815	16 258	380	273	17	90	170	7	137	609	8 818	6 790
TOOL AND DIE MAKERS	5 033	4 976	7	7	-	-	43	7	23	131	2 279	2 482
MACHINISTS	9 444	9 122	275	211	17	47	47	-	108	328	5 105	3 624
SHEET METAL WORKERS	885	806	54	36	-	18	25	-	-	56	608	197
OTHER PRECISION METAL WORKERS	1 453	1 354	44	19	-	25	55	-	6	94	826	487
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	768	558	-	-	-	-	210	-	28	117	436	181
PLANT AND SYSTEM OPERATORS	1 745	1 169	568	50	44	474	8	-	6	12	1 182	494
OTHER PRECISION PRODUCTION OCCUPATIONS	5 590	5 140	134	85	5	44	312	4	69	264	3 442	1 656

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

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

CLEVELAND, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	122 907	113 117	7 650	1 778	574	5 298	2 070	70	3 513	12 302	70 228	32 419
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	63 103	60 961	1 412	488	203	721	710	20	1 005	3 676	38 621	17 739
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	42 082	40 733	912	271	133	508	423	14	641	2 514	25 593	12 026
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	13 262	13 077	133	35	36	62	52	-	179	638	7 387	4 648
PRINTING MACHINE OPERATORS	3 638	3 431	110	42	21	47	97	-	73	196	2 335	1 011
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	982	840	36	-	5	31	101	5	28	142	514	287
TEXTILE MACHINE OPERATORS	175	163	12	-	-	12	-	-	-	8	89	78
TEXTILE SEWING MACHINE OPERATORS	203	203	-	-	-	-	-	-	-	31	141	31
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	486	368	24	-	5	19	94	-	28	85	220	147
OTHER SPECIFIED MACHINE OPERATORS	10 847	10 474	272	48	27	197	92	9	163	732	6 939	2 646
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	13 353	12 911	361	146	44	171	81	-	198	806	8 418	3 434
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	3 606	3 526	63	22	10	31	17	-	47	234	2 076	1 130
MACHINE OPERATORS, NOT SPECIFIED	9 747	9 385	298	124	34	140	64	-	151	572	6 342	2 304
INDUSTRY:												
MANUFACTURING	12 172	11 974	155	50	44	61	43	-	165	736	7 669	3 149
NONDURABLE GOODS	1 929	1 916	6	6	-	-	7	-	34	147	1 136	525
FOOD AND KINDRED PRODUCTS	225	218	-	-	-	-	7	-	-	-	105	112
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	134	134	-	-	-	-	-	-	10	5	107	-
PAPER AND ALLIED PRODUCTS	249	249	-	-	-	-	-	-	-	29	112	102
OTHER NONDURABLE GOODS	1 321	1 315	6	6	-	-	-	-	24	113	812	311
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	10 243	10 058	149	44	44	61	36	-	131	589	6 533	2 624
METAL INDUSTRIES	3 882	3 817	65	25	29	11	-	-	45	233	2 498	959
MACHINERY, INCLUDING ELECTRICAL	2 801	2 754	40	19	-	21	7	-	42	150	1 574	989
TRANSPORTATION EQUIPMENT	2 345	2 334	11	-	5	6	-	-	19	95	1 714	397
OTHER DURABLE GOODS	1 215	1 153	33	-	10	23	29	-	25	111	747	279
NONMANUFACTURING INDUSTRIES	1 181	937	206	96	-	110	38	-	33	70	749	285
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	252	175	75	44	-	31	2	-	5	2	187	53
WHOLESALE AND RETAIL TRADE	470	452	-	-	-	-	18	-	6	31	269	142
ALL OTHER INDUSTRIES	459	310	131	52	-	79	18	-	22	37	293	90
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	15 535	14 974	284	100	43	141	271	6	284	986	9 539	4 102
WELDERS AND CUTTERS	6 373	6 149	119	44	18	57	105	-	91	433	3 799	1 821
ASSEMBLERS	8 669	8 431	123	41	25	57	115	-	161	466	5 491	2 156
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	493	394	42	15	-	27	51	6	32	87	249	125
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	5 486	5 254	216	117	27	72	16	-	80	176	3 489	1 611
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	30 214	25 766	3 399	723	192	2 484	1 024	25	644	2 333	15 968	10 006
MOTOR VEHICLE OPERATORS	20 150	16 611	2 586	179	158	2 249	928	25	543	1 777	9 426	7 588
TRUCK DRIVERS AND DRIVER-SALES WORKERS	16 726	14 855	1 052	120	49	883	794	25	337	1 309	7 644	6 736
BUS DRIVERS	1 979	563	1 396	52	93	1 251	20	-	81	234	1 125	466
RAIL AND WATER TRANSPORTATION OCCUPATIONS	1 473	1 038	435	396	-	39	-	-	12	82	866	415
MATERIAL MOVING EQUIPMENT OPERATORS	8 591	8 117	378	148	34	196	96	-	89	474	5 676	2 003
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	391	312	20	9	-	11	59	-	10	49	210	112
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	29 590	26 390	2 839	567	179	2 093	336	25	1 864	6 293	15 639	4 674
CONSTRUCTION LABORERS	3 534	2 972	560	13	81	466	-	2	102	538	2 195	502
FREIGHT, STOCK, AND MATERIAL HANDLERS	9 900	8 940	853	305	15	533	107	-	808	2 855	4 553	1 353
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	2 266	2 141	24	6	-	18	96	5	200	960	720	343
HAND PACKERS AND PACKAGERS	1 678	1 621	57	7	17	33	-	-	83	389	842	313
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	2 763	2 556	156	11	8	137	33	18	317	598	1 380	376
LABORERS, EXCEPT CONSTRUCTION	9 449	8 160	1 189	225	58	906	100	-	354	953	5 949	1 787
MANUFACTURING	4 991	4 848	127	7	19	101	16	-	102	410	3 224	1 000
NONDURABLE GOODS	943	900	34	-	6	28	9	-	26	129	628	147
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	4 048	3 948	93	7	13	73	7	-	76	281	2 596	853
METAL INDUSTRIES	1 938	1 868	70	-	6	64	-	-	35	148	1 316	321
NONMANUFACTURING INDUSTRIES	4 458	3 312	1 062	218	39	805	84	-	252	543	2 725	787
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	1 060	627	430	129	16	285	3	-	32	62	710	205
WHOLESALE AND RETAIL TRADE	2 200	2 156	18	-	6	12	26	-	62	266	1 351	461
ALL OTHER INDUSTRIES	1 198	529	614	89	17	508	55	-	158	215	664	121

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

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

CLEVELAND, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS TOTAL	GOVERNMENT WORKERS FEDERAL	GOVERNMENT WORKERS STATE	GOVERNMENT WORKERS LOCAL	SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
FEMALES 16 YEARS AND OVER	360 846	291 785	59 518	10 187	6 520	42 811	7 640	1 903	26 623	81 656	198 246	42 414
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	75 884	47 636	25 365	2 153	2 415	20 797	2 484	399	5 089	12 714	42 213	13 857
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	25 156	20 878	3 210	967	547	1 696	754	314	621	2 871	15 266	5 845
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	581	-	581	197	56	328	-	-	38	85	385	67
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	1 209	584	591	9	90	492	22	12	63	152	633	340
MANAGERS, MEDICINE AND HEALTH	452	357	88	26	15	47	7	-	7	37	330	78
OTHER SPECIFIED MANAGERS	3 794	3 597	117	48	17	52	67	13	106	324	2 318	976
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	10 327	9 629	698	126	91	481	-	-	247	1 273	5 853	2 709
MANUFACTURING	1 229	1 229	-	-	-	-	-	-	31	115	752	316
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	797	745	52	6	6	40	-	-	11	23	552	187
WHOLESALE AND RETAIL TRADE	3 581	3 581	-	-	-	-	-	-	63	534	1 832	1 055
ALL OTHER INDUSTRIES	4 720	4 074	646	120	85	441	-	-	142	601	2 717	1 151
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	781	-	-	-	-	-	525	256	44	242	190	278
CONSTRUCTION	23	-	-	-	-	-	16	7	-	7	16	-
MANUFACTURING	55	-	-	-	-	-	40	15	-	25	17	13
WHOLESALE AND RETAIL TRADE	405	-	-	-	-	-	306	99	31	112	83	158
ALL OTHER INDUSTRIES	298	-	-	-	-	-	163	135	13	98	74	107
MANAGEMENT RELATED OCCUPATIONS	8 012	6 711	1 135	561	278	296	133	33	116	758	5 557	1 397
ACCOUNTANTS AND AUDITORS	3 161	2 730	359	176	68	115	47	25	39	256	2 296	489
BUYERS AND PURCHASING AGENTS	1 479	1 391	88	40	11	37	-	-	5	167	1 011	283
PROFESSIONAL SPECIALTY OCCUPATIONS	50 728	26 758	22 155	1 186	1 868	19 101	1 730	85	4 468	9 843	26 947	8 012
ENGINEERS, ARCHITECTS, AND SURVEYORS	679	651	28	15	-	13	-	-	11	45	447	153
ARCHITECTS	39	39	-	-	-	-	-	-	-	13	13	13
ENGINEERS	640	612	28	15	-	13	-	-	11	32	434	140
ELECTRICAL AND ELECTRONIC ENGINEERS	103	103	-	-	-	-	-	-	4	6	59	34
MECHANICAL ENGINEERS	33	33	-	-	-	-	-	-	-	-	28	-
OTHER ENGINEERS	504	476	28	15	-	13	-	-	7	26	347	106
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	800	689	106	76	6	24	5	-	17	55	527	163
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	346	302	39	26	6	7	5	-	11	17	193	108
NATURAL SCIENTISTS	486	394	83	12	35	36	9	-	5	25	356	68
HEALTH DIAGNOSING OCCUPATIONS	984	638	194	97	10	87	152	-	71	87	310	510
PHYSICIANS	841	526	194	97	10	87	121	-	55	75	228	477
DENTISTS	88	68	-	-	-	-	20	-	11	10	61	6
OTHER HEALTH DIAGNOSING PRACTITIONERS	55	44	-	-	-	-	11	-	5	2	21	27
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	13 982	11 008	2 737	384	247	2 106	201	36	842	3 596	6 858	2 201
REGISTERED NURSES	11 629	9 439	2 003	308	130	1 565	151	36	677	3 135	5 527	1 843
PHARMACISTS	265	222	43	19	13	11	-	-	5	59	113	66
THERAPISTS	1 230	703	503	17	75	411	24	-	106	246	687	175
TEACHERS, LIBRARIANS, AND COUNSELORS	24 537	7 864	16 220	222	1 145	14 853	440	13	2 613	4 491	13 562	3 268
TEACHERS, POSTSECONDARY	1 292	772	520	5	357	158	-	-	235	259	484	236
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	14 753	4 157	10 561	93	350	10 118	35	-	1 241	2 623	8 689	1 923
TEACHERS, SECONDARY	3 887	937	2 950	31	111	2 808	-	-	356	588	2 191	643
SOCIAL SCIENTISTS AND URBAN PLANNERS	808	430	321	51	76	194	57	-	18	114	491	173
SOCIAL AND RECREATION WORKERS	3 299	1 161	2 053	201	287	1 565	73	12	165	410	2 197	424
RELIGIOUS WORKERS	340	296	11	-	-	11	33	-	59	43	119	112
LAWYERS AND JUDGES	692	352	213	70	32	111	120	7	60	104	323	197
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	4 121	3 275	189	58	30	101	640	17	607	873	1 757	743
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	176 486	151 139	21 579	6 628	2 543	12 408	2 719	1 049	11 787	39 811	102 277	17 295
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	12 425	10 480	1 837	395	189	1 253	95	13	489	2 301	7 578	1 548
HEALTH TECHNOLOGISTS AND TECHNICIANS	8 654	7 412	1 172	243	129	800	64	6	331	1 881	5 144	938
LICENSED PRACTICAL NURSES	4 685	3 960	668	101	110	457	57	-	143	1 161	2 694	412
ENGINEERING AND SCIENCE TECHNICIANS	1 632	1 517	110	46	25	39	5	-	81	113	1 078	297
ELECTRICAL AND ELECTRONIC TECHNICIANS	229	216	13	6	-	7	-	-	4	22	171	19
DRAFTING AND SURVEYING TECHNICIANS	420	396	24	7	5	12	-	-	9	39	239	115
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	2 139	1 551	555	106	35	414	26	7	77	307	1 356	313
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	626	523	96	54	8	34	7	-	4	46	397	148
SALES OCCUPATIONS	42 265	38 919	1 019	125	237	657	2 062	265	5 468	16 845	14 387	4 013
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	3 324	2 815	32	-	18	14	448	29	99	442	1 632	1 034
SELF-EMPLOYED	477	-	-	-	-	-	448	29	28	101	134	196
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	5 576	4 852	69	35	20	14	613	42	532	1 453	2 537	856
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	2 011	1 948	9	-	9	-	47	7	60	340	1 188	395
SALES WORKERS, RETAIL AND PERSONAL SERVICES	31 128	29 116	909	90	190	629	916	187	4 720	14 478	9 012	1 715
CASHIERS	13 399	12 548	726	59	111	556	71	54	1 625	6 471	3 906	858
SALES RELATED OCCUPATIONS	226	188	-	-	-	-	38	-	57	132	18	13

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

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CLEVELAND, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	121 796	101 740	18 723	6 108	2 117	10 498	562	771	5 830	20 665	80 312	11 734
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	4 837	4 176	612	290	54	268	26	23	28	338	3 383	925
COMPUTER EQUIPMENT OPERATORS	2 273	2 032	241	62	30	149	-	-	32	263	1 571	357
SECRETARIES, STENOGRAPHERS, AND TYPISTS	45 409	37 779	7 159	1 606	1 032	4 521	177	294	1 824	7 079	31 701	3 740
SECRETARIES	38 124	32 648	5 084	977	636	3 471	117	275	1 334	5 668	26 974	3 249
RECEPTIONISTS	4 464	3 912	475	114	42	319	30	47	402	1 102	2 464	366
FILE CLERKS	1 959	1 548	411	157	60	194	-	-	209	439	1 208	82
FINANCIAL RECORDS PROCESSING OCCUPATIONS	17 317	15 569	1 318	522	111	685	192	238	904	3 098	10 951	1 949
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	12 898	11 760	732	230	66	436	192	214	765	2 493	7 860	1 468
TELEPHONE OPERATORS	2 374	2 102	252	31	11	210	16	4	102	573	1 442	178
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	2 528	867	1 655	1 524	36	95	6	-	145	255	1 661	363
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	3 332	3 138	190	96	25	69	4	-	127	497	2 182	386
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	783	775	8	-	8	-	-	-	-	59	622	74
BANK TELLERS	4 410	4 228	182	147	7	28	-	-	124	1 203	2 669	270
DATA-ENTRY KEYERS	3 814	3 506	303	98	54	151	5	-	111	575	2 653	355
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	28 296	22 108	5 917	1 461	647	3 809	106	165	1 822	5 184	17 805	2 689
SERVICE OCCUPATIONS	61 742	49 891	9 910	929	1 202	7 779	1 663	278	8 334	22 300	24 075	4 674
PRIVATE HOUSEHOLD OCCUPATIONS	3 503	3 503	-	-	-	-	-	-	899	1 214	948	281
PROTECTIVE SERVICE OCCUPATIONS	2 145	810	1 320	37	33	1 250	15	-	397	546	832	269
FIREFIGHTING OCCUPATIONS	21	-	21	-	5	16	-	-	-	5	5	11
POLICE AND DETECTIVES, PUBLIC SERVICE	217	-	217	8	9	200	-	-	35	16	101	56
GUARDS	1 636	795	826	21	19	786	15	-	362	501	577	156
OTHER PROTECTIVE SERVICE OCCUPATIONS	271	15	256	8	-	248	-	-	-	24	149	46
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	56 094	45 578	8 590	892	1 169	6 529	1 648	278	7 038	20 540	22 295	4 124
FOOD PREPARATION AND SERVICE OCCUPATIONS	24 521	21 645	2 472	215	246	2 011	243	161	3 896	11 392	6 627	1 614
WAITERS AND FOOD COUNTER WORKERS	12 495	12 275	110	17	7	86	70	40	2 169	6 438	2 675	645
COOKS	5 531	4 421	911	91	72	748	127	72	547	2 378	1 956	448
HEALTH SERVICE OCCUPATIONS	12 754	10 597	2 068	423	506	1 139	34	55	586	3 063	7 602	1 017
NURSING AIDES, ORDERLIES, AND ATTENDANTS	8 819	7 025	1 742	341	483	918	34	18	350	1 972	5 414	699
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	10 011	7 604	2 250	121	257	1 872	134	23	1 054	3 180	4 892	544
PERSONAL SERVICE OCCUPATIONS	8 808	5 732	1 800	133	160	1 507	1 237	39	1 502	2 905	3 174	949
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	3 818	3 006	32	5	8	19	772	8	357	1 547	1 365	442
FARMING, FORESTRY, AND FISHING OCCUPATIONS	1 056	684	72	14	20	38	225	75	133	356	284	268
FARM OPERATORS AND MANAGERS	217	31	-	-	-	-	186	-	8	48	57	96
FARM OCCUPATIONS, EXCEPT MANAGERIAL	493	392	15	-	7	8	14	72	59	184	124	119
RELATED AGRICULTURAL OCCUPATIONS	336	259	51	14	13	24	25	1	66	116	103	51
FORESTRY AND FISHING OCCUPATIONS	10	2	6	-	-	6	-	2	-	8	-	2
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	6 563	5 944	309	69	56	184	272	38	240	934	3 907	1 281
MECHANICS AND REPAIRERS	762	658	74	34	13	27	15	15	20	82	447	164
AUTOMOBILE MECHANICS, INCLUDING BODY	72	52	12	12	-	-	8	-	-	7	41	24
AIRCRAFT MECHANICS	15	15	-	-	-	-	-	-	-	-	-	15
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	9	-	9	9	-	-	-	-	-	-	9	-
OTHER MECHANICS AND REPAIRERS	666	591	53	13	13	27	7	15	20	75	397	125
CONSTRUCTION TRADES	337	287	31	7	18	6	17	2	16	29	214	71
CARPENTERS	41	28	6	-	-	6	5	2	-	13	22	6
ELECTRICIANS	90	90	-	-	-	-	-	-	-	-	52	31
PAINTERS, CONSTRUCTION AND MAINTENANCE	80	51	21	7	14	-	8	-	-	-	62	18
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	39	39	-	-	-	-	-	-	-	6	21	12
OTHER CONSTRUCTION TRADES	87	79	4	-	4	-	4	-	16	10	57	4
EXTRACTIVE OCCUPATIONS	5	5	-	-	-	-	-	-	-	-	5	-
PRECISION PRODUCTION OCCUPATIONS	5 459	4 994	204	28	25	151	240	21	204	823	3 241	1 046
SUPERVISORS, PRODUCTION OCCUPATIONS	1 982	1 911	42	8	5	29	19	10	19	217	1 191	538
MANUFACTURING	1 151	1 134	5	5	-	-	12	-	11	118	719	297
PRECISION METALWORKING OCCUPATIONS	717	717	-	-	-	-	-	-	10	76	401	152
TOOL AND DIE MAKERS	20	20	-	-	-	-	-	-	-	10	-	10
MACHINISTS	545	545	-	-	-	-	-	-	10	50	344	100
SHEET METAL WORKERS	16	16	-	-	-	-	-	-	-	-	-	16
OTHER PRECISION METAL WORKERS	136	136	-	-	-	-	-	-	-	16	57	26
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	1 146	959	32	-	6	26	149	6	79	307	617	132
PLANT AND SYSTEM OPERATORS	60	31	29	-	-	29	-	-	-	-	54	6
OTHER PRECISION PRODUCTION OCCUPATIONS	1 554	1 376	101	20	14	67	72	5	96	223	978	218

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

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

CLEVELAND, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	39 115	36 491	2 283	394	284	1 605	277	64	1 040	5 541	25 490	5 039
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	28 905	27 871	793	253	122	418	200	41	582	3 223	19 710	3 901
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	17 179	16 461	538	179	86	273	146	34	393	2 131	11 509	2 344
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	2 839	2 812	27	18	-	9	-	-	17	307	1 772	517
PRINTING MACHINE OPERATORS	939	832	91	29	29	33	16	-	28	180	585	118
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	4 832	4 577	144	30	24	90	77	34	179	909	3 115	393
TEXTILE MACHINE OPERATORS	356	356	-	-	-	-	-	-	16	28	236	66
TEXTILE SEWING MACHINE OPERATORS	2 711	2 631	25	7	-	18	36	19	88	459	1 862	170
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	1 204	1 036	112	23	24	65	41	15	75	265	672	136
OTHER SPECIFIED MACHINE OPERATORS	2 838	2 768	48	-	12	36	22	-	76	233	2 040	393
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	5 731	5 472	228	102	21	105	31	-	93	502	3 997	923
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	1 681	1 598	69	20	10	39	14	-	46	169	1 121	279
MACHINE OPERATORS, NOT SPECIFIED	4 050	3 874	159	82	11	66	17	-	47	333	2 876	644
INDUSTRY:												
MANUFACTURING	5 178	5 045	121	66	5	50	12	-	57	450	3 612	863
NONDURABLE GOODS	1 731	1 671	50	25	-	25	10	-	18	229	1 164	267
FOOD AND KINDRED PRODUCTS	220	183	37	25	-	12	-	-	6	13	124	77
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	229	222	7	-	-	7	-	-	-	43	152	27
PAPER AND ALLIED PRODUCTS	239	239	-	-	-	-	-	-	7	13	181	20
OTHER NONDURABLE GOODS	1 043	1 027	6	-	-	6	10	-	5	160	707	143
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	3 447	3 374	71	41	5	25	2	-	39	221	2 448	596
METAL INDUSTRIES	904	882	22	-	5	17	-	-	15	53	615	170
MACHINERY, INCLUDING ELECTRICAL	1 228	1 226	-	-	-	-	2	-	18	82	895	184
TRANSPORTATION EQUIPMENT	481	459	22	14	-	8	-	-	-	12	386	53
OTHER DURABLE GOODS	834	807	27	27	-	-	-	-	6	74	552	189
NONMANUFACTURING INDUSTRIES	553	427	107	36	16	55	19	-	36	52	385	60
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	62	44	18	13	-	5	-	-	8	-	44	10
WHOLESALE AND RETAIL TRADE	149	126	4	-	-	4	19	-	18	28	74	23
ALL OTHER INDUSTRIES	342	257	85	23	16	46	-	-	10	24	267	27
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	8 396	8 165	183	26	29	128	48	-	152	839	5 970	913
WELDERS AND CUTTERS	511	494	17	-	10	7	-	-	-	26	381	77
ASSEMBLERS	7 426	7 242	151	26	19	106	33	-	142	743	5 268	803
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	459	429	15	-	-	15	15	-	10	70	321	33
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	3 330	3 245	72	48	7	17	6	7	37	253	2 231	644
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	2 518	1 253	1 230	59	112	1 059	35	-	116	896	1 052	356
MOTOR VEHICLE OPERATORS	2 171	937	1 199	46	107	1 046	35	-	114	849	808	312
TRUCK DRIVERS AND DRIVER-SALES WORKERS	610	542	47	12	11	24	21	-	23	176	281	97
BUS DRIVERS	1 433	301	1 124	33	96	995	8	-	74	636	475	194
RAIL AND WATER TRANSPORTATION OCCUPATIONS	26	-	26	13	-	13	-	-	-	7	11	8
MATERIAL MOVING EQUIPMENT OPERATORS	321	316	5	-	5	-	-	-	2	40	233	36
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	7 692	7 367	260	82	50	128	42	23	342	1 422	4 728	782
CONSTRUCTION LABORERS	93	73	20	-	6	14	-	-	8	12	67	6
FREIGHT, STOCK, AND MATERIAL HANDLERS	1 458	1 380	48	41	7	-	20	10	97	467	716	122
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	186	186	-	-	-	-	-	-	41	39	96	10
HAND PACKERS AND PACKAGERS	3 681	3 621	52	8	8	36	-	8	71	575	2 433	398
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	408	406	2	-	-	2	-	-	23	65	237	59
LABORERS, EXCEPT CONSTRUCTION	1 866	1 701	138	33	29	76	22	5	102	264	1 179	187
MANUFACTURING	967	940	25	6	6	13	2	-	26	97	628	108
NONDURABLE GOODS	272	270	-	-	-	-	2	-	12	48	151	36
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	695	670	25	6	6	13	-	-	14	49	477	72
METAL INDUSTRIES	307	307	-	-	-	-	-	-	6	33	210	13
NONMANUFACTURING INDUSTRIES	899	761	113	27	23	63	20	5	76	167	551	79
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	91	71	20	12	8	-	-	-	27	7	52	5
WHOLESALE AND RETAIL TRADE	552	532	-	-	-	-	20	-	17	88	376	65
ALL OTHER INDUSTRIES	256	158	93	15	15	63	-	5	32	72	123	9

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

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

CLEVELAND, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
WHITE												
MALES 16 YEARS AND OVER	412 548	345 435	42 280	10 464	3 733	28 083	24 298	535	12 005	34 268	207 655	148 704
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	110 541	84 993	16 222	3 009	2 016	11 197	9 224	102	1 894	4 614	51 803	50 631
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	62 488	53 173	5 611	1 496	808	3 307	3 621	83	746	1 816	27 855	31 260
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	1 156	-	1 156	359	87	710	-	-	36	35	772	307
MANAGEMENT RELATED OCCUPATIONS	13 998	11 216	1 738	559	395	784	1 037	7	197	505	8 033	5 111
PROFESSIONAL SPECIALTY OCCUPATIONS	48 053	31 820	10 611	1 513	1 208	7 890	5 603	19	1 148	2 798	23 948	19 371
ENGINEERS AND NATURAL SCIENTISTS	17 175	15 167	1 529	941	96	492	479	-	57	518	11 090	5 245
ENGINEERS	12 992	11 573	1 162	747	74	341	257	-	46	380	8 338	4 047
HEALTH DIAGNOSING OCCUPATIONS	4 929	3 103	372	128	9	235	1 454	-	34	353	1 149	3 301
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	1 730	1 388	234	54	24	156	108	-	35	138	809	708
TEACHERS, LIBRARIANS, AND COUNSELORS	10 203	3 152	6 906	28	843	6 035	145	-	462	717	5 186	3 656
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	6 717	1 169	5 548	-	194	5 354	-	-	184	315	3 720	2 424
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	82 438	69 959	7 246	4 652	643	1 951	5 134	99	2 588	6 309	42 343	29 417
HEALTH TECHNOLOGISTS AND TECHNICIANS	1 123	830	234	49	26	159	50	9	42	148	600	315
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	12 216	10 735	1 295	765	105	425	175	11	261	593	7 775	3 386
SALES OCCUPATIONS	40 027	34 964	299	53	178	68	4 712	52	1 496	3 220	16 830	17 591
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	6 614	5 459	41	6	30	5	1 109	5	44	154	2 039	4 278
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	21 940	19 332	55	30	5	20	2 542	11	339	1 213	10 765	9 155
OTHER SALES OCCUPATIONS	11 473	10 173	203	17	143	43	1 061	36	1 113	1 853	4 026	4 158
CASHIERS	1 492	1 287	90	-	51	39	113	2	181	403	579	244
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	29 072	23 430	5 418	3 785	334	1 299	197	27	789	2 348	17 138	8 125
COMPUTER EQUIPMENT OPERATORS	1 288	1 192	96	52	13	31	-	-	18	63	780	404
SECRETARIES, STENOGRAPHERS, AND TYPISTS	541	390	138	65	7	66	13	-	28	58	316	134
FINANCIAL RECORDS PROCESSING OCCUPATIONS	2 054	1 777	248	130	29	89	22	7	21	205	1 252	526
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	3 289	800	2 476	2 427	12	37	13	-	103	203	1 984	913
SERVICE OCCUPATIONS	31 439	20 457	9 754	472	412	8 870	1 173	55	3 178	6 809	11 764	8 807
PRIVATE HOUSEHOLD OCCUPATIONS	98	98	-	-	-	-	-	-	31	21	24	17
PROTECTIVE SERVICE OCCUPATIONS	9 934	2 973	6 935	246	171	6 518	26	-	261	882	4 116	4 476
POLICE AND FIREFIGHTERS	4 872	4	4 868	114	68	4 686	-	-	40	53	1 659	3 036
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	21 407	17 386	2 819	226	241	2 352	1 147	55	2 886	5 906	7 624	4 314
FOOD SERVICE OCCUPATIONS	8 616	8 263	46	6	11	29	281	26	1 708	3 515	1 818	1 280
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	9 977	7 248	2 475	179	181	2 115	240	14	924	1 757	4 846	2 182
FARMING, FORESTRY, AND FISHING OCCUPATIONS	3 995	2 270	347	-	31	316	1 262	116	351	772	1 267	1 435
FARM OPERATORS AND MANAGERS	1 270	181	2	-	2	-	1 087	-	68	155	233	758
FARM WORKERS AND RELATED OCCUPATIONS	2 622	2 021	345	-	29	316	140	116	278	600	985	650
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	89 096	78 849	4 324	1 218	385	2 721	5 816	107	1 303	5 544	49 351	30 568
MECHANICS AND REPAIRERS	27 001	23 755	1 591	470	181	940	1 617	38	442	1 428	15 414	9 191
CONSTRUCTION TRADES	23 795	18 906	1 468	338	153	977	3 368	53	589	2 840	14 286	5 272
PRECISION PRODUCTION OCCUPATIONS	38 201	36 089	1 265	410	51	804	831	16	272	1 274	19 584	16 082
OPERATORS, FABRICATORS, AND LABORERS	95 039	88 907	4 387	1 113	246	3 028	1 689	56	2 691	10 220	51 127	27 846
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	32 478	31 601	493	145	20	328	375	9	471	1 932	18 649	10 512
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	16 628	16 010	339	163	27	149	273	6	252	912	9 858	5 054
TRANSPORTATION OCCUPATIONS	16 649	14 175	1 765	465	63	1 237	693	16	412	1 559	7 179	6 846
MOTOR VEHICLE OPERATORS	15 263	13 192	1 362	94	63	1 205	693	16	400	1 477	6 380	6 431
MATERIAL MOVING EQUIPMENT OPERATORS	6 166	5 856	219	63	16	140	91	-	51	331	3 958	1 578
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	23 118	21 265	1 571	277	120	1 174	257	25	1 505	5 486	11 483	3 856
CONSTRUCTION LABORERS	2 777	2 351	424	13	60	351	-	2	82	452	1 664	420
FREIGHT, STOCK, AND MATERIAL HANDLERS	8 210	7 768	378	116	15	247	64	-	718	2 545	3 569	1 150

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CLEVELAND, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
WHITE												
FEMALES 16 YEARS AND OVER	292 578	243 779	40 422	4 954	3 629	31 839	6 622	1 755	22 958	70 873	153 373	36 063
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	63 946	42 193	19 171	1 256	1 514	16 401	2 197	385	4 671	11 225	33 818	12 481
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	21 916	18 830	2 115	575	300	1 240	671	300	564	2 607	12 897	5 352
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	361	-	361	67	22	272	-	-	33	50	224	48
MANAGEMENT RELATED OCCUPATIONS	6 960	6 034	778	404	147	227	115	33	96	674	4 731	1 296
PROFESSIONAL SPECIALTY OCCUPATIONS	42 030	23 363	17 056	681	1 214	15 161	1 526	85	4 107	8 618	20 921	7 129
ENGINEERS AND NATURAL SCIENTISTS	1 674	1 477	183	96	27	60	14	-	22	113	1 096	361
ENGINEERS	538	510	28	15	-	13	-	-	11	26	366	117
HEALTH DIAGNOSING OCCUPATIONS	702	500	93	30	2	61	109	-	71	62	150	413
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	12 018	9 566	2 301	252	188	1 861	115	36	789	3 337	5 527	1 932
TEACHERS, LIBRARIANS, AND COUNSELORS	20 331	6 939	12 966	88	810	12 068	413	13	2 379	3 750	10 705	2 986
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	15 215	4 453	10 727	52	265	10 410	35	-	1 434	2 639	8 475	2 366
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	148 722	131 488	13 779	3 240	1 406	9 133	2 466	989	10 438	35 555	83 627	14 772
HEALTH TECHNOLOGISTS AND TECHNICIANS	6 487	5 742	707	83	34	590	32	6	278	1 582	3 680	702
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	3 091	2 574	486	62	43	381	31	-	143	348	1 967	541
SALES OCCUPATIONS	37 587	34 772	733	75	133	525	1 855	227	4 976	15 234	12 371	3 628
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	3 065	2 615	22	-	8	14	403	25	99	431	1 448	992
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	7 076	6 340	60	26	20	14	639	37	568	1 728	3 417	1 143
OTHER SALES OCCUPATIONS	27 446	25 817	651	49	105	497	813	165	4 309	13 075	7 506	1 493
CASHIERS	11 587	10 970	538	18	70	450	39	40	1 419	5 805	3 190	692
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	101 557	88 400	11 853	3 020	1 196	7 637	548	756	5 041	18 391	65 609	9 901
COMPUTER EQUIPMENT OPERATORS	1 900	1 766	134	45	22	67	-	-	26	247	1 309	299
SECRETARIES, STENOGRAPHERS, AND TYPISTS	39 518	34 060	4 987	925	605	3 457	177	294	1 683	6 452	27 137	3 337
FINANCIAL RECORDS PROCESSING OCCUPATIONS	15 544	14 170	944	368	37	539	192	238	860	2 908	9 665	1 725
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	1 199	602	591	525	13	53	6	-	98	186	711	142
SERVICE OCCUPATIONS	44 897	37 539	5 812	241	474	5 097	1 323	223	6 765	18 424	14 588	3 432
PRIVATE HOUSEHOLD OCCUPATIONS	1 759	1 759	-	-	-	-	-	-	516	624	359	180
PROTECTIVE SERVICE OCCUPATIONS	1 613	598	1 000	31	20	949	15	-	324	509	499	180
POLICE AND FIREFIGHTERS	151	-	151	8	14	129	-	-	20	21	57	44
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	41 525	35 182	4 812	210	454	4 148	1 308	223	5 925	17 291	13 730	3 072
FOOD SERVICE OCCUPATIONS	20 787	18 707	1 727	73	108	1 546	221	132	3 431	10 216	5 018	1 271
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	6 312	4 843	1 333	49	105	1 179	113	23	836	2 481	2 498	314
FARMING, FORESTRY, AND FISHING OCCUPATIONS	1 003	672	44	7	13	24	218	69	133	356	243	256
FARM OPERATORS AND MANAGERS	205	26	-	-	-	-	179	-	8	48	57	84
FARM WORKERS AND RELATED OCCUPATIONS	788	644	38	7	13	18	39	67	125	300	186	170
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	5 266	4 861	143	23	35	85	232	30	227	838	2 950	1 108
MECHANICS AND REPAIRERS	542	488	32	8	6	18	15	7	11	64	317	118
CONSTRUCTION TRADES	259	222	24	-	18	6	11	2	16	23	148	65
PRECISION PRODUCTION OCCUPATIONS	4 465	4 151	87	15	11	61	206	21	200	751	2 485	925
OPERATORS, FABRICATORS, AND LABORERS	28 744	27 026	1 473	187	187	1 099	186	59	724	4 475	18 147	4 014
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	12 295	11 884	287	83	48	156	90	34	237	1 569	8 098	1 817
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	8 804	8 572	178	23	26	129	47	7	123	895	5 978	1 338
TRANSPORTATION OCCUPATIONS	1 641	746	868	42	84	742	27	-	85	780	494	209
MOTOR VEHICLE OPERATORS	1 621	746	848	29	84	735	27	-	85	773	489	201
MATERIAL MOVING EQUIPMENT OPERATORS	219	219	-	-	-	-	-	-	2	36	163	14
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	5 785	5 605	140	39	29	72	22	18	277	1 195	3 414	636
CONSTRUCTION LABORERS	55	49	6	-	6	-	-	-	-	12	37	6
FREIGHT, STOCK, AND MATERIAL HANDLERS	1 157	1 129	18	18	-	-	-	10	66	395	560	87

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

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

CLEVELAND, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
BLACK												
MALES 16 YEARS AND OVER	63 671	48 738	13 064	4 411	1 452	7 201	1 776	93	2 097	5 696	41 505	11 942
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	7 137	4 075	2 571	423	437	1 711	491	-	218	442	4 296	2 028
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	3 625	2 353	1 050	230	222	598	222	-	61	130	2 191	1 183
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	224	-	224	41	54	129	-	-	-	-	178	46
MANAGEMENT RELATED OCCUPATIONS	973	548	391	124	81	186	34	-	37	32	621	267
PROFESSIONAL SPECIALTY OCCUPATIONS	3 512	1 722	1 521	193	215	1 113	269	-	157	312	2 105	845
ENGINEERS AND NATURAL SCIENTISTS	768	610	131	55	18	58	27	-	10	54	560	128
ENGINEERS	525	426	99	35	18	46	-	-	10	32	430	53
HEALTH DIAGNOSING OCCUPATIONS	236	118	41	12	-	29	77	-	-	7	112	103
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	331	190	130	57	24	49	11	-	5	18	217	75
TEACHERS, LIBRARIANS, AND COUNSELORS	1 001	171	822	26	125	671	8	-	55	112	588	224
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	752	94	658	6	45	607	-	-	36	72	445	192
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	10 441	6 716	3 419	2 509	227	683	264	42	268	970	6 941	2 029
HEALTH TECHNOLOGISTS AND TECHNICIANS	243	154	89	36	19	34	-	-	8	23	162	50
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	879	749	110	60	12	38	-	20	19	25	625	181
SALES OCCUPATIONS	2 362	1 997	103	29	38	36	247	15	110	400	1 202	636
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	415	297	-	-	-	-	118	-	-	33	201	181
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	994	927	18	12	-	6	49	-	14	55	588	329
OTHER SALES OCCUPATIONS	953	773	85	17	38	30	80	15	96	312	413	126
CASHIERS	258	197	42	-	18	24	19	-	39	87	94	38
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	6 957	3 816	3 117	2 384	158	575	17	7	131	522	4 952	1 162
COMPUTER EQUIPMENT OPERATORS	241	199	42	18	-	24	-	-	-	18	174	49
SECRETARIES, STENOGRAPHERS, AND TYPISTS	84	61	23	16	-	7	-	-	-	-	79	-
FINANCIAL RECORDS PROCESSING OCCUPATIONS	224	138	79	58	6	15	7	-	-	16	152	56
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	2 078	364	1 714	1 693	8	13	-	-	6	137	1 504	410
SERVICE OCCUPATIONS	10 045	7 234	2 620	549	406	1 665	174	17	573	1 786	5 720	1 535
PRIVATE HOUSEHOLD OCCUPATIONS	49	49	-	-	-	-	-	-	19	7	14	1
PROTECTIVE SERVICE OCCUPATIONS	1 985	1 011	958	99	91	768	16	-	41	175	1 166	559
POLICE AND FIREFIGHTERS	374	-	374	6	3	365	-	-	-	-	148	226
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	8 011	6 174	1 662	450	315	897	158	17	513	1 604	4 540	975
FOOD SERVICE OCCUPATIONS	2 262	2 109	105	76	6	23	39	9	245	714	908	275
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	4 461	3 147	1 277	306	174	797	29	8	231	694	2 767	521
FARMING, FORESTRY, AND FISHING OCCUPATIONS	314	166	115	15	12	88	31	2	-	74	171	50
FARM OPERATORS AND MANAGERS	35	6	-	-	-	-	29	-	-	6	10	19
FARM WORKERS AND RELATED OCCUPATIONS	274	155	115	15	12	88	2	2	-	68	156	31
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	9 695	8 114	1 125	266	55	804	435	21	277	524	6 426	2 093
MECHANICS AND REPAIRERS	3 465	2 819	512	150	7	355	128	6	134	159	2 249	828
CONSTRUCTION TRADES	2 214	1 593	323	33	27	263	283	15	88	241	1 308	398
PRECISION PRODUCTION OCCUPATIONS	4 008	3 694	290	83	21	186	24	-	55	124	2 861	867
OPERATORS, FABRICATORS, AND LABORERS	26 039	22 433	3 214	649	315	2 250	381	11	761	1 900	17 951	4 207
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	8 722	8 266	403	126	105	172	48	5	139	503	6 429	1 302
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	4 038	3 863	161	54	43	64	14	-	112	234	2 883	607
TRANSPORTATION OCCUPATIONS	4 786	3 314	1 231	102	90	1 039	235	6	138	277	3 012	1 116
MOTOR VEHICLE OPERATORS	4 709	3 269	1 199	77	90	1 032	235	6	138	277	2 955	1 116
MATERIAL MOVING EQUIPMENT OPERATORS	2 342	2 178	159	85	18	56	5	-	38	133	1 645	425
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	6 151	4 812	1 260	282	59	919	79	-	334	753	3 982	757
CONSTRUCTION LABORERS	744	608	136	-	21	115	-	-	20	86	518	82
FREIGHT, STOCK, AND MATERIAL HANDLERS	1 592	1 074	475	189	-	286	43	-	90	279	939	181

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

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

CLEVELAND, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
BLACK												
FEMALES 16 YEARS AND OVER	63 829	44 473	18 372	5 079	2 762	10 531	871	113	3 481	10 001	42 212	5 687
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	10 835	4 772	5 829	824	839	4 166	220	14	401	1 357	7 651	1 187
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	2 984	1 846	1 054	378	241	435	70	14	47	251	2 197	432
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	209	-	209	130	34	45	-	-	5	35	150	19
MANAGEMENT RELATED OCCUPATIONS	925	562	345	151	125	69	18	-	20	78	732	74
PROFESSIONAL SPECIALTY OCCUPATIONS	7 851	2 926	4 775	446	598	3 731	150	-	354	1 106	5 454	755
ENGINEERS AND NATURAL SCIENTISTS	225	197	28	7	14	7	-	-	11	6	185	18
ENGINEERS	91	91	-	-	-	-	-	-	-	6	62	18
HEALTH DIAGNOSING OCCUPATIONS	46	21	17	8	3	6	8	-	-	-	24	22
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	1 746	1 266	394	132	54	208	86	-	53	218	1 179	250
TEACHERS, LIBRARIANS, AND COUNSELORS	4 036	889	3 120	134	309	2 677	27	-	234	707	2 746	266
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	3 304	616	2 688	72	191	2 425	-	-	163	543	2 327	195
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	26 211	18 390	7 572	3 330	1 075	3 167	201	48	1 292	3 928	17 772	2 292
HEALTH TECHNOLOGISTS AND TECHNICIANS	2 006	1 549	431	154	95	182	26	-	53	287	1 336	215
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	594	420	167	90	14	63	-	7	15	51	428	49
SALES OCCUPATIONS	4 338	3 859	280	50	104	126	161	38	474	1 487	1 947	290
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	225	170	10	-	10	-	41	4	-	11	178	26
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	467	426	18	9	9	-	11	12	24	55	301	81
OTHER SALES OCCUPATIONS	3 646	3 263	252	41	85	126	109	22	450	1 421	1 468	183
CASHIERS	1 685	1 472	182	41	41	100	17	14	195	614	696	144
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	19 273	12 562	6 694	3 036	862	2 796	14	3	750	2 103	14 061	1 738
COMPUTER EQUIPMENT OPERATORS	336	236	100	17	8	75	-	-	6	11	238	50
SECRETARIES, STENOGRAPHERS, AND TYPISTS	5 612	3 513	2 099	674	387	1 038	-	-	130	592	4 357	391
FINANCIAL RECORDS PROCESSING OCCUPATIONS	1 608	1 246	362	149	67	146	-	-	37	151	1 185	206
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	1 319	265	1 054	989	23	42	-	-	47	69	944	217
SERVICE OCCUPATIONS	16 046	11 696	4 000	678	723	2 599	318	32	1 473	3 676	9 099	1 161
PRIVATE HOUSEHOLD OCCUPATIONS	1 698	1 698	-	-	-	-	-	-	372	584	572	95
PROTECTIVE SERVICE OCCUPATIONS	491	197	294	6	13	275	-	-	62	37	314	78
POLICE AND FIREFIGHTERS	87	-	87	-	-	87	-	-	15	-	49	23
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	13 857	9 801	3 706	672	710	2 324	318	32	1 039	3 055	8 213	988
FOOD SERVICE OCCUPATIONS	3 449	2 668	745	142	138	465	17	19	423	1 076	1 513	305
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	3 585	2 680	884	62	147	675	21	-	205	670	2 324	228
FARMING, FORESTRY, AND FISHING OCCUPATIONS	41	-	28	7	7	14	7	6	-	-	34	7
FARM OPERATORS AND MANAGERS	7	-	-	-	-	-	7	-	-	-	-	7
FARM WORKERS AND RELATED OCCUPATIONS	34	-	28	7	7	14	-	6	-	-	34	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	1 192	984	166	46	21	99	34	8	13	72	880	169
MECHANICS AND REPAIRERS	218	168	42	26	7	9	-	8	9	18	128	46
CONSTRUCTION TRADES	74	61	7	7	-	-	6	-	-	6	62	6
PRECISION PRODUCTION OCCUPATIONS	895	750	117	13	14	90	28	-	4	48	685	117
OPERATORS, FABRICATORS, AND LABORERS	9 504	8 631	777	194	97	486	91	5	302	968	6 776	871
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	4 417	4 138	223	83	38	102	56	-	142	520	3 095	451
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	2 675	2 591	77	51	10	16	7	-	66	186	2 055	161
TRANSPORTATION OCCUPATIONS	551	191	352	17	23	312	8	-	29	71	325	111
MOTOR VEHICLE OPERATORS	545	191	346	17	23	306	8	-	29	71	319	111
MATERIAL MOVING EQUIPMENT OPERATORS	96	91	5	-	5	-	-	-	-	4	64	22
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	1 765	1 620	120	43	21	56	20	5	65	187	1 237	126
CONSTRUCTION LABORERS	38	24	14	-	-	14	-	-	8	-	30	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	296	246	30	23	7	-	20	-	31	67	156	35

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

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CLEVELAND, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS TOTAL	FEDERAL	STATE	LOCAL	SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
SPANISH ORIGIN												
MALES 16 YEARS AND OVER	5 707	4 926	635	210	62	363	132	14	232	582	3 255	1 408
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	1 027	727	224	79	38	107	76	-	21	37	528	416
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	436	354	72	30	16	26	10	-	6	11	265	154
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	-	-	-	-	-	-	-	-	-	-	-	-
MANAGEMENT RELATED OCCUPATIONS	150	99	51	21	16	14	-	-	-	6	104	40
PROFESSIONAL SPECIALTY OCCUPATIONS	591	373	152	49	22	81	66	-	15	26	263	262
ENGINEERS AND NATURAL SCIENTISTS	186	130	56	40	9	7	-	-	6	6	126	48
ENGINEERS	135	86	49	40	9	-	-	-	6	-	88	41
HEALTH DIAGNOSING OCCUPATIONS	193	166	4	-	4	-	23	-	-	-	32	149
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	18	12	6	-	-	6	-	-	-	6	7	-
TEACHERS, LIBRARIANS, AND COUNSELORS	65	19	46	-	4	42	-	-	3	-	48	6
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	43	11	32	-	-	32	-	-	-	-	37	6
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	641	503	100	47	-	53	27	11	29	82	367	120
HEALTH TECHNOLOGISTS AND TECHNICIANS	21	11	10	-	-	10	-	-	-	-	21	-
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	98	80	7	-	-	7	-	11	7	10	58	6
SALES OCCUPATIONS	173	139	7	-	-	7	27	-	14	26	57	64
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	26	16	-	-	-	-	10	-	-	-	17	3
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	57	57	-	-	-	-	-	-	-	8	17	32
OTHER SALES OCCUPATIONS	90	66	7	-	-	7	17	-	14	18	23	29
CASHIERS	17	12	-	-	-	-	5	-	-	4	-	13
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	349	273	76	47	-	29	-	-	8	46	231	50
COMPUTER EQUIPMENT OPERATORS	13	13	-	-	-	-	-	-	-	-	13	-
SECRETARIES, STENOGRAPHERS, AND TYPISTS	19	11	8	-	-	8	-	-	8	-	11	-
FINANCIAL RECORDS PROCESSING OCCUPATIONS	15	15	-	-	-	-	-	-	-	-	11	4
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	49	20	29	29	-	-	-	-	-	7	25	17
SERVICE OCCUPATIONS	703	556	141	25	11	105	6	-	86	131	351	109
PRIVATE HOUSEHOLD OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
PROTECTIVE SERVICE OCCUPATIONS	81	30	51	5	8	38	-	-	9	-	50	22
POLICE AND FIREFIGHTERS	34	-	34	5	-	29	-	-	-	-	18	16
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	622	526	90	20	3	67	6	-	77	131	301	87
FOOD SERVICE OCCUPATIONS	239	239	-	-	-	-	-	-	41	78	82	29
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	304	231	73	6	-	67	-	-	15	40	188	44
FARMING, FORESTRY, AND FISHING OCCUPATIONS	39	28	6	-	-	6	5	-	-	5	12	22
FARM OPERATORS AND MANAGERS	-	-	-	-	-	-	-	-	-	-	-	-
FARM WORKERS AND RELATED OCCUPATIONS	33	22	6	-	-	6	5	-	-	5	6	22
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	928	865	54	7	5	42	9	-	22	39	550	263
MECHANICS AND REPAIRERS	271	250	21	-	-	21	-	-	17	4	167	71
CONSTRUCTION TRADES	199	184	13	-	-	13	2	-	5	26	112	50
PRECISION PRODUCTION OCCUPATIONS	454	427	20	7	5	8	7	-	-	9	271	138
OPERATORS, FABRICATORS, AND LABORERS	2 369	2 247	110	52	8	50	9	3	74	288	1 447	478
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	1 192	1 151	41	11	8	22	-	-	48	110	745	259
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	407	392	15	-	-	15	-	-	7	23	282	83
TRANSPORTATION OCCUPATIONS	187	162	22	14	-	8	-	3	-	6	113	50
MOTOR VEHICLE OPERATORS	177	152	22	14	-	8	-	3	-	6	103	50
MATERIAL MOVING EQUIPMENT OPERATORS	99	99	-	-	-	-	-	-	-	10	73	16
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	484	443	32	27	-	5	9	-	19	139	234	70
CONSTRUCTION LABORERS	37	37	-	-	-	-	-	-	-	6	25	6
FREIGHT, STOCK, AND MATERIAL HANDLERS	103	103	-	-	-	-	-	-	-	40	50	5

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

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CLEVELAND, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
SPANISH ORIGIN												
FEMALES 16 YEARS AND OVER	3 614	2 920	640	173	82	385	49	5	186	667	2 210	406
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	505	296	198	33	23	142	11	-	17	72	315	79
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	124	81	37	20	-	17	6	-	-	6	88	30
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	-	-	-	-	-	-	-	-	-	-	-	-
MANAGEMENT RELATED OCCUPATIONS	22	5	17	12	-	5	-	-	-	-	17	5
PROFESSIONAL SPECIALTY OCCUPATIONS	381	215	161	13	23	125	5	-	17	66	227	49
ENGINEERS AND NATURAL SCIENTISTS	8	8	-	-	-	-	-	-	-	-	8	-
ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-
HEALTH DIAGNOSING OCCUPATIONS	53	34	19	7	5	7	-	-	-	-	34	19
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	56	41	15	-	7	8	-	-	-	13	25	12
TEACHERS, LIBRARIANS, AND COUNSELORS	154	59	90	-	5	85	5	-	11	32	89	13
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	107	43	64	-	-	64	-	-	6	27	59	6
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1 306	1 091	188	89	32	67	27	-	54	287	786	116
HEALTH TECHNOLOGISTS AND TECHNICIANS	99	87	12	6	-	6	-	-	-	7	65	18
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	22	14	8	-	3	5	-	-	-	8	14	-
SALES OCCUPATIONS	374	338	9	-	9	-	27	-	20	171	129	28
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	33	28	-	-	-	-	5	-	-	6	22	-
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	36	36	-	-	-	-	-	-	-	20	10	-
OTHER SALES OCCUPATIONS	305	274	9	-	9	-	22	-	20	145	97	28
CASHIERS	147	116	9	-	9	-	22	-	9	75	36	12
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	811	652	159	83	20	56	-	-	34	101	578	70
COMPUTER EQUIPMENT OPERATORS	8	8	-	-	-	-	-	-	-	-	-	8
SECRETARIES, STENOGRAPHERS, AND TYPISTS	300	225	75	26	15	34	-	-	8	33	230	25
FINANCIAL RECORDS PROCESSING OCCUPATIONS	75	70	5	5	-	-	-	-	5	5	51	14
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	10	-	10	10	-	-	-	-	-	-	6	4
SERVICE OCCUPATIONS	840	627	203	32	20	151	5	5	110	187	406	98
PRIVATE HOUSEHOLD OCCUPATIONS	49	49	-	-	-	-	-	-	-	18	25	-
PROTECTIVE SERVICE OCCUPATIONS	31	5	26	-	-	26	-	-	11	-	9	11
POLICE AND FIREFIGHTERS	-	-	-	-	-	-	-	-	-	-	-	-
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	760	573	177	32	20	125	5	5	99	169	372	87
FOOD SERVICE OCCUPATIONS	261	219	42	12	-	30	-	-	73	68	81	22
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	167	104	63	20	7	36	-	-	-	39	104	14
FARMING, FORESTRY, AND FISHING OCCUPATIONS	4	4	-	-	-	-	-	-	-	-	-	4
FARM OPERATORS AND MANAGERS	-	-	-	-	-	-	-	-	-	-	-	-
FARM WORKERS AND RELATED OCCUPATIONS	4	4	-	-	-	-	-	-	-	-	-	4
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	80	80	-	-	-	-	-	-	-	14	66	-
MECHANICS AND REPAIRERS	7	7	-	-	-	-	-	-	-	7	-	-
CONSTRUCTION TRADES	4	4	-	-	-	-	-	-	-	-	4	-
PRECISION PRODUCTION OCCUPATIONS	69	69	-	-	-	-	-	-	-	7	62	-
OPERATORS, FABRICATORS, AND LABORERS	879	822	51	19	7	25	6	-	5	107	637	109
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	460	421	33	13	-	20	6	-	5	40	331	79
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	197	197	-	-	-	-	-	-	-	16	149	16
TRANSPORTATION OCCUPATIONS	5	-	5	-	-	5	-	-	-	5	-	-
MOTOR VEHICLE OPERATORS	5	-	5	-	-	5	-	-	-	5	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	217	204	13	6	7	-	-	-	-	46	157	14
CONSTRUCTION LABORERS	-	-	-	-	-	-	-	-	-	-	-	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	18	12	6	6	-	-	-	-	-	12	6	-

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

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

COLUMBUS, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS TOTAL	GOVERNMENT WORKERS FEDERAL	GOVERNMENT WORKERS STATE	GOVERNMENT WORKERS LOCAL	SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
MALES 16 YEARS AND OVER	282 688	214 777	48 562	10 285	20 908	17 369	18 865	484	9 189	30 956	135 133	98 755
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	75 983	50 017	19 649	2 326	10 212	7 111	6 234	83	1 362	4 724	34 021	34 399
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	42 083	32 074	7 377	1 522	3 652	2 203	2 585	47	433	1 588	18 095	21 324
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	1 659	-	1 659	366	795	498	-	-	21	47	1 046	540
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	1 485	314	1 160	10	511	639	6	5	23	75	619	743
MANAGERS, MEDICINE AND HEALTH	407	182	225	14	153	58	-	-	-	35	188	163
OTHER SPECIFIED MANAGERS	8 307	7 636	445	199	143	103	226	-	53	184	3 328	4 634
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	18 627	17 365	1 262	245	636	381	-	-	146	506	7 107	10 542
MANUFACTURING	4 099	4 082	17	12	-	5	-	-	32	22	1 710	2 264
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	1 565	1 375	190	95	29	66	-	-	19	22	635	851
WHOLESALE AND RETAIL TRADE	5 962	5 940	22	7	15	-	-	-	39	188	1 572	4 062
ALL OTHER INDUSTRIES	7 001	5 968	1 033	131	592	310	-	-	56	274	3 190	3 365
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	1 780	-	-	-	-	-	1 745	35	76	189	410	1 058
CONSTRUCTION	411	-	-	-	-	-	411	-	26	76	135	166
MANUFACTURING	174	-	-	-	-	-	174	-	-	21	39	114
WHOLESALE AND RETAIL TRADE	616	-	-	-	-	-	586	30	9	30	147	415
ALL OTHER INDUSTRIES	579	-	-	-	-	-	574	5	41	62	89	363
MANAGEMENT RELATED OCCUPATIONS	9 818	6 577	2 626	688	1 414	524	608	7	114	552	5 397	3 644
ACCOUNTANTS AND AUDITORS	3 934	2 831	747	167	495	85	349	7	33	241	2 104	1 509
BUYERS AND PURCHASING AGENTS	1 430	1 213	171	71	78	22	46	-	21	58	696	642
PROFESSIONAL SPECIALTY OCCUPATIONS	33 900	17 943	12 272	804	6 560	4 908	3 649	36	929	3 136	15 926	13 075
ENGINEERS, ARCHITECTS, AND SURVEYORS	7 402	6 297	892	246	429	217	213	-	37	210	4 717	2 353
ARCHITECTS	594	435	64	8	38	18	95	-	6	45	269	268
ENGINEERS	6 719	5 792	821	238	391	192	106	-	31	165	4 377	2 067
ELECTRICAL AND ELECTRONIC ENGINEERS	1 595	1 538	48	1	33	14	9	-	14	44	1 055	453
MECHANICAL ENGINEERS	969	912	40	22	18	-	17	-	6	14	629	303
OTHER ENGINEERS	4 155	3 342	733	215	340	178	80	-	11	107	2 693	1 311
SURVEYORS AND MAPPING SCIENTISTS	89	70	7	-	-	7	12	-	-	-	71	18
MATHEMATICAL AND COMPUTER SCIENTISTS	1 658	1 183	469	192	226	51	6	-	-	86	1 144	402
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	1 129	815	308	139	129	40	6	-	-	67	759	284
NATURAL SCIENTISTS	1 289	705	553	130	392	31	31	-	6	88	820	360
HEALTH DIAGNOSING OCCUPATIONS	2 863	1 452	385	9	348	28	1 026	-	18	234	640	1 858
PHYSICIANS	1 956	1 189	322	9	285	28	445	-	6	76	319	1 482
DENTISTS	514	180	23	-	23	-	311	-	12	106	168	195
OTHER HEALTH DIAGNOSING PRACTITIONERS	393	83	40	-	40	-	270	-	-	52	153	181
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	1 286	980	267	-	152	115	39	-	40	129	495	603
REGISTERED NURSES	221	187	28	-	28	-	6	-	8	7	111	95
PHARMACISTS	640	551	63	-	63	-	26	-	21	57	201	342
THERAPISTS	297	207	83	-	55	28	7	-	11	60	166	60
TEACHERS, LIBRARIANS, AND COUNSELORS	9 188	1 778	7 318	69	3 549	3 700	92	-	487	1 329	3 764	3 209
TEACHERS, POSTSECONDARY	3 596	636	2 960	6	2 895	59	-	-	270	900	1 008	1 162
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	2 243	286	1 957	17	90	1 850	-	-	53	154	1 231	766
TEACHERS, SECONDARY	1 792	247	1 545	8	45	1 492	-	-	38	39	882	770
SOCIAL SCIENTISTS AND URBAN PLANNERS	667	349	274	26	132	116	44	-	-	49	408	204
SOCIAL AND RECREATION WORKERS	987	238	728	52	340	336	19	2	-	90	644	248
RELIGIOUS WORKERS	1 298	1 062	27	-	22	5	209	-	50	107	287	844
LAWYERS AND JUDGES	3 077	1 048	732	45	468	219	1 297	-	54	231	1 108	1 617
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	4 185	2 851	627	35	502	90	673	34	237	583	1 899	1 377
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	60 833	46 169	11 121	4 671	5 197	1 253	3 460	83	2 192	6 349	29 408	21 272
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	10 101	7 145	2 857	587	1 904	366	92	7	277	1 018	5 920	2 673
HEALTH TECHNOLOGISTS AND TECHNICIANS	754	509	237	2	178	57	8	-	41	65	453	187
LICENSED PRACTICAL NURSES	50	32	18	-	6	12	-	-	-	-	46	4
ENGINEERING AND SCIENCE TECHNICIANS	5 000	4 022	930	253	551	126	48	-	91	362	3 041	1 414
ELECTRICAL AND ELECTRONIC TECHNICIANS	1 082	874	192	142	20	30	16	-	-	55	622	395
DRAFTING AND SURVEYING TECHNICIANS	1 843	1 543	270	25	183	62	30	-	34	90	1 146	541
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	4 347	2 614	1 690	332	1 175	183	36	7	145	591	2 426	1 072
AIRPLANE PILOTS AND NAVIGATORS	224	214	2	-	2	-	8	-	9	20	80	106
COMPUTER PROGRAMMERS	1 764	1 308	444	151	239	54	12	-	29	97	1 128	476
SALES OCCUPATIONS	27 218	23 601	314	82	201	31	3 256	47	1 076	2 975	10 263	12 228
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	5 024	4 080	72	2	61	9	872	-	37	148	1 502	3 236
SELF-EMPLOYED	872	-	-	-	-	-	872	-	6	57	161	643
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	6 554	5 236	96	37	51	8	1 222	-	148	437	2 807	3 051
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	6 591	6 116	9	9	-	-	456	10	69	339	3 065	2 977
SALES WORKERS, RETAIL AND PERSONAL SERVICES	8 992	8 116	137	34	89	14	702	37	814	2 032	2 874	2 952
CASHIERS	1 696	1 620	50	7	35	8	21	5	182	895	370	191
SALES RELATED OCCUPATIONS	57	53	-	-	-	-	4	-	8	19	15	12

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

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

COLUMBUS, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	23 514	15 423	7 950	4 002	3 092	856	112	29	839	2 356	13 225	6 371
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	4 065	2 624	1 435	565	738	132	-	6	21	106	2 569	1 299
COMPUTER EQUIPMENT OPERATORS	1 285	976	301	101	171	29	8	-	30	82	801	344
SECRETARIES, STENOGRAPHERS, AND TYPISTS	428	247	170	45	103	22	6	5	34	88	199	107
SECRETARIES	270	186	79	14	61	4	-	5	29	37	114	90
RECEPTIONISTS	78	37	41	5	31	5	-	-	23	11	32	7
FILE CLERKS	444	338	106	42	60	4	-	-	15	51	275	80
FINANCIAL RECORDS PROCESSING OCCUPATIONS	1 384	1 002	337	70	212	55	37	8	36	124	867	324
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	905	627	247	34	169	44	31	-	26	92	556	210
TELEPHONE OPERATORS	145	115	30	-	30	-	-	-	8	9	80	35
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	3 477	783	2 670	2 368	265	37	24	-	113	328	1 770	1 196
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	4 327	3 749	576	198	306	72	2	-	113	599	2 315	1 096
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	545	526	19	7	12	-	-	-	-	26	385	128
BANK TELLERS	137	133	4	4	-	-	-	-	6	30	97	4
DATA-ENTRY KEYERS	207	150	57	5	43	9	-	-	3	25	110	62
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	6 992	4 743	2 204	592	1 121	491	35	10	437	877	3 725	1 689
SERVICE OCCUPATIONS	27 523	17 925	8 849	549	3 233	5 067	725	24	2 591	6 645	11 146	6 287
PRIVATE HOUSEHOLD OCCUPATIONS	100	100	-	-	-	-	-	-	30	26	37	7
PROTECTIVE SERVICE OCCUPATIONS	6 053	1 759	4 281	186	1 063	3 032	9	4	221	493	2 583	2 608
FIREFIGHTING OCCUPATIONS	965	-	965	14	19	932	-	-	-	15	81	865
POLICE AND DETECTIVES, PUBLIC SERVICE	1 473	-	1 473	-	215	1 258	-	-	6	6	696	725
GUARDS	2 343	1 607	723	148	416	159	9	4	209	437	1 066	541
OTHER PROTECTIVE SERVICE OCCUPATIONS	1 272	152	1 120	24	413	683	-	-	6	35	740	477
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	21 370	16 066	4 568	363	2 170	2 035	716	20	2 340	6 126	8 526	3 672
FOOD PREPARATION AND SERVICE OCCUPATIONS	8 886	8 222	532	42	416	74	120	12	1 326	3 747	2 218	1 235
WAITERS AND FOOD COUNTER WORKERS	1 179	1 144	21	-	21	-	14	-	173	546	274	114
COOKS	3 498	3 399	77	16	46	15	22	-	353	1 520	951	542
HEALTH SERVICE OCCUPATIONS	1 230	606	614	5	560	49	10	-	26	258	708	184
NURSING AIDES, ORDERLIES, AND ATTENDANTS	887	385	492	5	448	39	10	-	11	160	546	128
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	9 627	6 256	3 180	295	1 071	1 814	183	8	821	1 686	5 084	1 769
PERSONAL SERVICE OCCUPATIONS	1 627	982	242	21	123	98	403	-	167	435	516	484
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	655	287	4	-	4	-	364	-	25	108	187	329
FARMING, FORESTRY, AND FISHING OCCUPATIONS	5 564	2 362	526	54	185	287	2 550	126	457	1 070	1 523	2 376
FARM OPERATORS AND MANAGERS	2 731	307	15	-	15	-	2 409	-	178	373	521	1 598
FARM OCCUPATIONS, EXCEPT MANAGERIAL	1 093	922	51	6	45	-	1	119	90	295	272	426
RELATED AGRICULTURAL OCCUPATIONS	1 689	1 087	458	48	123	287	137	7	186	382	712	342
FORESTRY AND FISHING OCCUPATIONS	51	46	2	-	2	-	3	-	3	20	18	10
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	51 024	42 706	3 707	1 049	1 157	1 501	4 514	97	807	4 627	27 152	16 935
MECHANICS AND REPAIRERS	17 241	14 805	1 496	595	340	561	922	18	233	1 129	9 065	6 330
AUTOMOBILE MECHANICS, INCLUDING BODY	4 900	4 143	353	76	95	182	404	-	91	305	2 340	2 054
AIRCRAFT MECHANICS	349	167	177	173	4	-	5	-	-	-	267	69
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	837	706	53	9	30	14	78	-	5	96	443	246
OTHER MECHANICS AND REPAIRERS	11 155	9 789	913	337	211	365	435	18	137	728	6 015	3 961
CONSTRUCTION TRADES	17 824	13 349	1 198	260	447	491	3 207	70	457	2 739	9 739	4 253
CARPENTERS	4 458	3 148	145	43	47	55	1 132	33	120	835	2 340	972
ELECTRICIANS	2 316	2 024	197	60	97	40	95	-	14	176	1 444	624
PAINTERS, CONSTRUCTION AND MAINTENANCE	1 708	1 009	155	21	76	58	537	7	102	372	849	317
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	1 925	1 571	162	53	62	47	192	-	14	244	1 215	416
OTHER CONSTRUCTION TRADES	7 417	5 597	539	83	165	291	1 251	30	207	1 112	3 891	1 924
EXTRACTIVE OCCUPATIONS	188	182	-	-	-	-	6	-	2	12	84	90
PRECISION PRODUCTION OCCUPATIONS	15 771	14 370	1 013	194	370	449	379	9	115	747	8 264	6 262
SUPERVISORS, PRODUCTION OCCUPATIONS	7 968	7 591	304	65	105	134	67	6	15	189	3 988	3 650
MANUFACTURING	5 201	5 173	13	-	6	7	15	-	2	102	2 543	2 473
PRECISION METALWORKING OCCUPATIONS	4 085	3 869	152	83	60	9	63	1	14	238	2 343	1 382
TOOL AND DIE MAKERS	961	938	15	11	-	4	7	1	7	51	540	321
MACHINISTS	2 058	1 921	103	63	40	-	34	-	7	90	1 145	788
SHEET METAL WORKERS	650	628	13	9	4	-	9	-	-	59	418	152
OTHER PRECISION METAL WORKERS	416	382	21	-	16	5	13	-	-	38	240	121
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	265	170	9	-	-	9	86	-	7	47	63	122
PLANT AND SYSTEM OPERATORS	939	512	423	19	122	282	2	2	12	14	596	294
OTHER PRECISION PRODUCTION OCCUPATIONS	2 514	2 228	125	27	83	15	161	-	67	259	1 274	814

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

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

COLUMBUS, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	61 761	55 598	4 710	1 636	924	2 150	1 382	71	1 780	7 541	31 883	17 486
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	25 565	24 226	977	379	296	302	346	16	406	1 992	15 023	6 604
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	16 579	15 712	645	204	246	195	219	3	261	1 222	9 796	4 403
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	3 619	3 565	37	14	8	15	17	-	44	259	2 134	820
PRINTING MACHINE OPERATORS	1 774	1 525	179	32	129	18	70	-	45	190	1 024	474
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	472	423	15	-	12	3	34	-	6	75	257	117
TEXTILE MACHINE OPERATORS	48	43	-	-	-	-	5	-	-	5	34	9
TEXTILE SEWING MACHINE OPERATORS	21	19	-	-	-	-	2	-	-	-	3	9
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	326	284	15	-	12	3	27	-	6	54	191	67
OTHER SPECIFIED MACHINE OPERATORS	5 258	4 982	208	78	32	98	65	3	103	399	3 173	1 367
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	5 456	5 217	206	80	65	61	33	-	63	299	3 208	1 625
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	2 046	1 963	73	16	16	41	10	-	36	87	1 234	624
MACHINE OPERATORS, NOT SPECIFIED	3 410	3 254	133	64	49	20	23	-	27	212	1 974	1 001
INDUSTRY:												
MANUFACTURING	4 735	4 671	55	-	15	40	9	-	42	217	2 790	1 453
NONDURABLE GOODS	1 758	1 749	9	-	-	9	-	-	3	63	1 036	596
FOOD AND KINDRED PRODUCTS	580	580	-	-	-	-	-	-	-	33	282	252
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	58	58	-	-	-	-	-	-	-	7	51	-
PAPER AND ALLIED PRODUCTS	311	304	7	-	-	7	-	-	-	7	180	109
OTHER NONDURABLE GOODS	809	807	2	-	-	2	-	-	3	16	523	235
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	2 977	2 922	46	-	15	31	9	-	39	154	1 754	857
METAL INDUSTRIES	872	829	43	-	15	28	-	-	4	62	593	188
MACHINERY, INCLUDING ELECTRICAL	1 026	1 021	3	-	-	3	2	-	16	39	635	272
TRANSPORTATION EQUIPMENT	344	344	-	-	-	-	-	-	4	15	170	91
OTHER DURABLE GOODS	735	728	-	-	-	-	7	-	15	38	356	306
NONMANUFACTURING INDUSTRIES	721	546	151	80	50	21	24	-	21	82	418	172
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	182	138	42	30	-	12	2	-	-	8	110	64
WHOLESALE AND RETAIL TRADE	195	195	-	-	-	-	-	-	-	20	127	48
ALL OTHER INDUSTRIES	344	213	109	50	50	9	22	-	21	54	181	60
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	6 670	6 362	173	55	47	71	122	13	131	576	3 849	1 607
WELDERS AND CUTTERS	2 524	2 372	97	39	15	43	53	2	25	193	1 519	677
ASSEMBLERS	3 787	3 679	60	13	19	28	37	11	86	335	2 144	843
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	359	311	16	3	13	-	32	-	20	48	186	87
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	2 316	2 152	159	120	3	36	5	-	14	194	1 378	594
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	19 614	16 481	2 255	867	353	1 035	878	-	435	1 939	8 745	7 693
MOTOR VEHICLE OPERATORS	13 682	11 550	1 346	173	265	908	786	-	386	1 394	5 270	6 121
TRUCK DRIVERS AND DRIVER-SALES WORKERS	11 664	10 330	686	119	151	416	648	-	271	972	4 546	5 473
BUS DRIVERS	760	217	536	35	32	469	7	-	39	129	311	237
RAIL AND WATER TRANSPORTATION OCCUPATIONS	1 265	751	514	514	-	-	-	-	17	110	614	444
MATERIAL MOVING EQUIPMENT OPERATORS	4 667	4 180	395	180	88	127	92	-	32	435	2 861	1 128
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	356	246	46	8	20	18	64	-	12	123	165	54
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	16 582	14 891	1 478	390	275	813	158	55	939	3 610	8 115	3 189
CONSTRUCTION LABORERS	2 145	1 881	261	12	110	139	-	3	94	431	1 132	368
FREIGHT, STOCK, AND MATERIAL HANDLERS	5 942	5 345	551	142	40	369	38	8	438	1 664	2 691	942
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	1 481	1 386	46	12	21	13	41	8	108	456	536	340
HAND PACKERS AND PACKAGERS	1 182	1 045	125	88	4	33	12	-	18	158	720	241
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	1 366	1 208	100	13	21	66	40	18	72	286	637	280
LABORERS, EXCEPT CONSTRUCTION	4 466	4 026	395	123	79	193	27	18	209	615	2 399	1 018
MANUFACTURING	1 720	1 685	27	-	6	21	8	-	46	155	942	447
NONDURABLE GOODS	591	576	7	-	-	7	8	-	17	70	321	159
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	1 129	1 109	20	-	6	14	-	-	29	85	621	288
METAL INDUSTRIES	417	404	13	-	6	7	-	-	3	27	287	78
NONMANUFACTURING INDUSTRIES	2 746	2 341	368	123	73	172	19	18	163	460	1 457	571
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	391	277	114	41	-	73	-	-	17	48	268	45
WHOLESALE AND RETAIL TRADE	1 675	1 657	8	8	-	-	7	3	71	287	839	416
ALL OTHER INDUSTRIES	680	407	246	74	73	99	12	15	75	125	350	110

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

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

COLUMBUS, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
FEMALES 16 YEARS AND OVER	220 960	163 308	51 088	5 788	23 950	21 350	5 618	946	14 251	47 522	120 303	30 470
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	50 050	27 620	20 681	1 335	7 460	11 886	1 597	152	2 636	7 936	27 206	10 307
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	17 351	12 595	4 027	805	2 242	980	630	99	365	1 699	10 344	4 420
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	661	5	656	173	308	175	-	-	2	59	500	86
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	845	272	546	14	319	213	22	5	18	89	430	262
MANAGERS, MEDICINE AND HEALTH	281	154	115	2	77	36	-	12	7	21	167	76
OTHER SPECIFIED MANAGERS	2 295	1 953	240	90	115	35	85	17	36	237	1 357	615
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	6 650	5 813	837	112	457	268	-	-	181	649	3 572	2 021
MANUFACTURING	490	484	6	6	-	-	-	-	-	32	278	158
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	392	369	23	-	7	16	-	-	-	17	209	158
WHOLESALE AND RETAIL TRADE	2 072	2 057	15	6	9	-	-	-	87	209	782	888
ALL OTHER INDUSTRIES	3 696	2 903	793	100	441	252	-	-	94	391	2 303	817
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	462	-	-	-	-	-	399	63	16	118	99	206
CONSTRUCTION	14	-	-	-	-	-	5	9	-	5	-	9
MANUFACTURING	27	-	-	-	-	-	18	9	-	6	12	9
WHOLESALE AND RETAIL TRADE	238	-	-	-	-	-	215	23	10	63	31	116
ALL OTHER INDUSTRIES	183	-	-	-	-	-	161	22	6	44	56	72
MANAGEMENT RELATED OCCUPATIONS	6 157	4 398	1 633	414	966	253	124	2	105	526	4 219	1 154
ACCOUNTANTS AND AUDITORS	2 233	1 622	543	67	371	105	68	-	41	130	1 586	407
BUYERS AND PURCHASING AGENTS	942	753	180	128	39	13	7	2	-	160	558	199
PROFESSIONAL SPECIALTY OCCUPATIONS	32 699	15 025	16 654	530	5 218	10 906	967	53	2 271	6 237	16 862	5 887
ENGINEERS, ARCHITECTS, AND SURVEYORS	367	330	33	7	7	19	4	-	13	18	258	67
ARCHITECTS	46	30	12	7	-	5	4	-	-	7	30	9
ENGINEERS	321	300	21	-	7	14	-	-	13	11	228	58
ELECTRICAL AND ELECTRONIC ENGINEERS	100	100	-	-	-	-	-	-	-	5	68	22
MECHANICAL ENGINEERS	14	14	-	-	-	-	-	-	-	-	6	8
OTHER ENGINEERS	207	186	21	-	7	14	-	-	13	6	154	28
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	599	397	202	70	111	21	-	-	-	5	485	78
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	320	237	83	40	43	-	-	-	-	5	257	33
NATURAL SCIENTISTS	366	211	155	15	124	16	-	-	-	61	184	111
HEALTH DIAGNOSING OCCUPATIONS	401	213	95	13	68	14	86	7	21	81	146	138
PHYSICIANS	292	151	85	13	58	14	56	-	10	46	114	107
DENTISTS	38	25	-	-	-	-	13	-	-	13	18	7
OTHER HEALTH DIAGNOSING PRACTITIONERS	71	37	10	-	10	-	17	7	11	22	14	24
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	8 680	6 241	2 326	56	1 590	680	85	28	319	2 044	4 306	1 720
REGISTERED NURSES	7 064	5 283	1 710	43	1 198	469	53	18	241	1 820	3 382	1 410
PHARMACISTS	308	250	58	-	58	-	-	-	15	52	132	90
THERAPISTS	868	408	425	2	243	180	30	5	34	122	555	123
TEACHERS, LIBRARIANS, AND COUNSELORS	15 688	3 957	11 463	153	2 349	8 961	268	-	1 356	2 884	7 914	2 631
TEACHERS, POSTSECONDARY	1 822	565	1 257	7	1 211	39	-	-	235	637	357	327
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	8 820	1 991	6 808	101	266	6 441	21	-	577	1 439	4 920	1 499
TEACHERS, SECONDARY	2 117	346	1 771	13	81	1 677	-	-	100	240	1 231	465
SOCIAL SCIENTISTS AND URBAN PLANNERS	446	244	167	22	60	85	35	-	23	113	207	89
SOCIAL AND RECREATION WORKERS	2 276	628	1 630	130	519	981	16	2	75	280	1 524	329
RELIGIOUS WORKERS	207	184	-	-	-	-	23	-	39	31	79	52
LAWYERS AND JUDGES	413	169	171	23	92	56	73	-	26	120	167	93
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	3 256	2 451	412	41	298	73	377	16	399	600	1 592	579
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	109 931	85 892	21 885	3 910	12 637	5 338	1 652	502	6 312	22 821	64 326	13 150
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	6 849	4 659	2 146	201	1 638	307	39	5	268	1 349	3 877	1 040
HEALTH TECHNOLOGISTS AND TECHNICIANS	3 694	2 736	920	27	741	152	33	5	123	838	1 995	548
LICENSED PRACTICAL NURSES	1 512	1 118	367	-	298	69	27	-	46	328	823	208
ENGINEERING AND SCIENCE TECHNICIANS	1 051	781	270	65	186	19	-	-	70	161	603	171
ELECTRICAL AND ELECTRONIC TECHNICIANS	127	89	38	16	22	-	-	-	-	8	83	20
DRAFTING AND SURVEYING TECHNICIANS	281	239	42	10	13	19	-	-	20	42	173	37
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	2 104	1 142	956	109	711	136	6	-	75	350	1 279	321
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	767	523	244	55	169	20	-	-	4	58	563	130
SALES OCCUPATIONS	23 793	22 051	496	93	205	198	1 146	100	2 716	9 210	8 008	2 930
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 858	1 560	18	-	18	-	272	8	39	305	851	643
SELF-EMPLOYED	280	-	-	-	-	-	272	8	11	91	89	89
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	3 531	3 078	46	11	14	21	401	6	257	795	1 665	727
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	818	794	-	-	-	-	18	6	28	115	398	265
SALES WORKERS, RETAIL AND PERSONAL SERVICES	17 466	16 507	425	75	173	177	454	80	2 376	7 939	5 068	1 273
CASHIERS	8 121	7 744	326	71	105	150	38	13	827	4 098	2 242	584
SALES RELATED OCCUPATIONS	120	112	7	7	-	-	1	-	16	56	26	22

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

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

COLUMBUS, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	79 289	59 182	19 243	3 616	10 794	4 833	467	397	3 328	12 262	52 441	9 180
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	3 636	2 675	944	184	641	119	6	11	61	205	2 569	762
COMPUTER EQUIPMENT OPERATORS	1 566	1 132	428	89	269	70	-	6	19	151	1 189	182
SECRETARIES, STENOGRAPHERS, AND TYPISTS	28 438	20 128	7 889	950	4 677	2 262	255	166	1 294	3 956	19 699	2 870
SECRETARIES	23 216	17 514	5 375	547	3 118	1 710	161	166	938	3 194	16 173	2 426
RECEPTIONISTS	3 054	2 496	533	54	360	119	3	22	210	757	1 718	272
FILE CLERKS	1 726	1 329	397	76	205	116	-	-	106	339	1 102	109
FINANCIAL RECORDS PROCESSING OCCUPATIONS	10 695	8 931	1 499	229	918	352	112	153	367	1 709	6 945	1 377
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	8 236	6 851	1 157	152	745	260	93	135	294	1 273	5 334	1 133
TELEPHONE OPERATORS	1 173	1 012	155	22	72	61	6	-	46	205	797	89
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	1 814	983	812	654	152	6	19	-	179	350	967	281
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	1 969	1 626	343	234	93	16	-	-	25	240	1 373	270
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	1 434	1 372	62	22	40	-	-	-	28	115	1 022	231
BANK TELLERS	2 057	1 989	68	53	7	8	-	-	33	500	1 253	178
DATA-ENTRY KEYERS	3 206	2 332	874	100	693	81	-	-	76	472	2 190	350
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	18 521	13 177	5 239	949	2 667	1 623	66	39	884	3 263	11 617	2 209
SERVICE OCCUPATIONS	35 814	27 682	6 504	329	3 338	2 837	1 540	88	4 359	12 017	14 269	3 606
PRIVATE HOUSEHOLD OCCUPATIONS	2 030	2 026	-	-	-	-	4	-	549	700	460	251
PROTECTIVE SERVICE OCCUPATIONS	861	387	469	31	141	297	5	-	233	157	291	139
FIREFIGHTING OCCUPATIONS	6	-	6	-	-	6	-	-	6	-	-	-
POLICE AND DETECTIVES, PUBLIC SERVICE	80	-	80	-	6	74	-	-	-	-	61	19
GUARDS	698	381	312	31	108	173	5	-	221	151	191	100
OTHER PROTECTIVE SERVICE OCCUPATIONS	77	6	71	-	27	44	-	-	6	6	39	20
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	32 923	25 269	6 035	298	3 197	2 540	1 531	88	3 577	11 160	13 518	3 216
FOOD PREPARATION AND SERVICE OCCUPATIONS	15 063	12 900	2 041	82	757	1 202	95	27	2 188	6 432	4 426	1 323
WAITERS AND FOOD COUNTER WORKERS	7 482	7 333	100	10	57	33	44	5	1 255	3 423	1 857	596
COOKS	3 593	2 624	925	35	234	656	28	16	347	1 337	1 388	371
HEALTH SERVICE OCCUPATIONS	7 849	5 624	2 126	94	1 634	398	57	42	259	1 776	4 678	795
NURSING AIDES, ORDERLIES, AND ATTENDANTS	5 574	3 781	1 729	89	1 296	344	57	7	159	1 109	3 482	544
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	4 319	3 254	928	87	506	335	123	14	549	1 273	2 098	221
PERSONAL SERVICE OCCUPATIONS	5 692	3 491	940	35	300	605	1 256	5	581	1 679	2 316	877
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	2 446	1 767	17	-	-	17	657	5	123	799	975	454
FARMING, FORESTRY, AND FISHING OCCUPATIONS	1 019	450	115	16	46	53	329	125	156	285	287	256
FARM OPERATORS AND MANAGERS	284	45	4	-	4	-	235	-	55	79	66	78
FARM OCCUPATIONS, EXCEPT MANAGERIAL	358	207	32	9	16	7	-	119	35	101	98	100
RELATED AGRICULTURAL OCCUPATIONS	363	187	76	7	26	43	94	6	66	105	109	78
FORESTRY AND FISHING OCCUPATIONS	14	11	3	-	-	3	-	-	-	-	14	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	4 205	3 685	219	37	104	78	266	35	122	627	2 413	861
MECHANICS AND REPAIRERS	673	600	40	22	10	8	27	6	20	97	427	104
AUTOMOBILE MECHANICS, INCLUDING BODY	47	44	-	-	-	-	3	-	-	3	38	4
AIRCRAFT MECHANICS	4	-	4	4	-	-	-	-	-	-	4	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	5	5	-	-	-	-	-	-	-	-	5	-
OTHER MECHANICS AND REPAIRERS	617	551	36	18	10	8	24	6	20	94	380	100
CONSTRUCTION TRADES	406	299	41	9	26	6	44	22	20	74	233	65
CARPENTERS	31	27	2	-	2	-	2	-	20	2	7	2
ELECTRICIANS	76	76	-	-	-	-	-	-	-	-	58	18
PAINTERS, CONSTRUCTION AND MAINTENANCE	132	63	24	-	18	6	37	8	-	50	52	24
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	18	15	-	-	-	-	3	-	-	-	18	-
OTHER CONSTRUCTION TRADES	149	118	15	9	6	-	2	14	-	22	98	21
EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	3 126	2 786	138	6	68	64	195	7	82	456	1 753	692
SUPERVISORS, PRODUCTION OCCUPATIONS	1 278	1 200	63	6	48	9	8	7	14	71	746	399
MANUFACTURING	539	539	-	-	-	-	-	-	-	13	261	240
PRECISION METALWORKING OCCUPATIONS	231	223	6	-	6	-	2	-	2	54	157	12
TOOL AND DIE MAKERS	20	20	-	-	-	-	-	-	-	-	20	-
MACHINISTS	75	69	6	-	6	-	-	-	-	13	62	-
SHEET METAL WORKERS	13	13	-	-	-	-	-	-	-	-	13	-
OTHER PRECISION METAL WORKERS	123	121	-	-	-	-	2	-	2	41	62	12
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	521	320	29	-	1	28	172	-	43	149	191	76
PLANT AND SYSTEM OPERATORS	16	8	8	-	-	8	-	-	-	-	16	-
OTHER PRECISION PRODUCTION OCCUPATIONS	1 080	1 035	32	-	13	19	13	-	23	182	643	205

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

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COLUMBUS, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	19 941	17 979	1 684	161	365	1 158	234	44	666	3 836	11 802	2 290
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	13 613	13 019	438	38	243	157	147	9	270	1 854	8 857	1 626
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	6 984	6 539	311	36	193	82	125	9	153	1 159	4 407	898
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	1 058	1 035	23	6	7	10	-	-	13	107	783	85
PRINTING MACHINE OPERATORS	677	608	43	-	43	-	26	-	8	57	440	144
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	1 861	1 670	122	-	69	53	60	9	38	487	1 004	225
TEXTILE MACHINE OPERATORS	70	56	6	-	-	6	8	-	-	24	25	2
TEXTILE SEWING MACHINE OPERATORS	670	621	5	-	-	5	35	9	15	143	390	88
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	616	512	92	-	59	33	12	-	11	130	378	80
OTHER SPECIFIED MACHINE OPERATORS	1 233	1 181	38	6	26	6	14	-	29	240	784	133
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	2 155	2 045	85	24	48	13	25	-	65	268	1 396	311
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	788	736	39	12	19	8	13	-	44	116	502	88
MACHINE OPERATORS, NOT SPECIFIED	1 367	1 309	46	12	29	5	12	-	21	152	894	223
INDUSTRY:												
MANUFACTURING	1 764	1 754	4	4	-	-	6	-	26	182	1 201	264
NONDURABLE GOODS	578	574	4	4	-	-	-	-	14	79	357	98
FOOD AND KINDRED PRODUCTS	166	166	-	-	-	-	-	-	-	46	84	32
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	34	34	-	-	-	-	-	-	-	3	31	-
PAPER AND ALLIED PRODUCTS	62	62	-	-	-	-	-	-	-	5	56	1
OTHER NONDURABLE GOODS	316	312	4	4	-	-	-	-	14	25	186	65
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	1 186	1 180	-	-	-	-	6	-	12	103	844	166
METAL INDUSTRIES	155	155	-	-	-	-	-	-	-	7	108	34
MACHINERY, INCLUDING ELECTRICAL	634	634	-	-	-	-	-	-	-	52	470	82
TRANSPORTATION EQUIPMENT	91	91	-	-	-	-	-	-	6	13	59	7
OTHER DURABLE GOODS	306	300	-	-	-	-	6	-	6	31	207	43
NONMANUFACTURING INDUSTRIES	391	291	81	20	48	13	19	-	39	86	195	47
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	59	46	13	13	-	-	-	-	-	8	37	14
WHOLESALE AND RETAIL TRADE	174	155	-	-	-	-	19	-	15	52	67	33
ALL OTHER INDUSTRIES	158	90	68	7	48	13	-	-	24	26	91	-
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	4 150	4 045	83	2	23	58	22	-	82	425	2 734	436
WELDERS AND CUTTERS	196	194	2	-	2	-	-	-	-	19	150	13
ASSEMBLERS	3 726	3 641	75	2	21	52	10	-	75	374	2 424	413
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	228	210	6	-	-	6	12	-	7	32	160	10
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	2 479	2 435	44	-	27	17	-	-	35	270	1 716	292
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	1 956	849	1 055	53	67	935	50	2	116	775	672	279
MOTOR VEHICLE OPERATORS	1 655	585	1 020	39	59	922	48	2	97	754	481	231
TRUCK DRIVERS AND DRIVER-SALES WORKERS	434	354	30	12	-	18	48	2	56	111	136	104
BUS DRIVERS	1 077	133	944	13	41	890	-	-	26	582	306	104
RAIL AND WATER TRANSPORTATION OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	301	264	35	14	8	13	2	-	19	21	191	48
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	8	-	8	-	8	-	-	-	-	-	8	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	4 372	4 111	191	70	55	66	37	33	280	1 207	2 273	385
CONSTRUCTION LABORERS	59	54	3	-	-	3	-	2	-	21	25	10
FREIGHT, STOCK, AND MATERIAL HANDLERS	1 160	1 104	40	23	13	4	9	7	132	443	459	86
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	166	148	6	6	-	-	6	6	-	74	44	40
HAND PACKERS AND PACKAGERS	1 689	1 632	57	32	7	18	-	-	72	414	940	156
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	222	197	6	-	6	-	7	12	26	24	127	35
LABORERS, EXCEPT CONSTRUCTION	1 076	976	79	9	29	41	15	6	50	231	678	58
MANUFACTURING	332	315	16	-	-	16	1	-	-	65	217	26
NONDURABLE GOODS	143	143	-	-	-	-	-	-	-	24	114	-
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	189	172	16	-	-	16	1	-	-	41	103	26
METAL INDUSTRIES	26	26	-	-	-	-	-	-	-	3	18	-
NONMANUFACTURING INDUSTRIES	744	661	63	9	29	25	14	6	50	166	461	32
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	115	99	16	9	-	7	-	-	2	18	86	7
WHOLESALE AND RETAIL TRADE	476	472	4	-	-	4	-	-	17	96	305	25
ALL OTHER INDUSTRIES	153	90	43	-	29	14	14	6	31	52	70	-

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

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

COLUMBUS, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
WHITE												
MALES 16 YEARS AND OVER	253 588	195 564	39 652	7 774	17 575	14 303	17 934	438	8 146	27 108	118 331	92 505
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	70 758	47 371	17 448	1 912	9 148	6 388	5 876	63	1 183	4 119	31 276	32 756
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	39 452	30 648	6 385	1 197	3 297	1 891	2 385	34	396	1 421	16 675	20 334
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	1 489	-	1 489	283	744	462	-	-	15	47	917	505
MANAGEMENT RELATED OCCUPATIONS	9 093	6 238	2 260	544	1 264	452	588	7	108	511	4 897	3 471
PROFESSIONAL SPECIALTY OCCUPATIONS	31 306	16 723	11 063	715	5 851	4 497	3 491	29	787	2 698	14 601	12 422
ENGINEERS AND NATURAL SCIENTISTS	9 764	7 759	1 755	525	948	282	250	-	37	347	6 246	3 008
ENGINEERS	6 372	5 530	736	220	341	175	106	-	31	146	4 086	2 030
HEALTH DIAGNOSING OCCUPATIONS	2 656	1 348	345	9	321	15	963	-	18	205	605	1 722
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	1 150	888	223	-	128	95	39	-	32	111	430	558
TEACHERS, LIBRARIANS, AND COUNSELORS	8 508	1 657	6 759	55	3 200	3 504	92	-	433	1 119	3 487	3 094
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	3 806	511	3 295	17	108	3 170	-	-	75	179	1 971	1 487
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	55 258	43 056	8 815	3 457	4 370	988	3 309	78	2 024	5 614	26 007	20 106
HEALTH TECHNOLOGISTS AND TECHNICIANS	697	468	221	2	162	57	8	-	41	53	419	176
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	8 360	6 081	2 188	472	1 444	272	84	7	230	818	4 827	2 292
SALES OCCUPATIONS	25 977	22 579	234	68	155	11	3 117	47	988	2 686	9 747	11 884
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	4 840	3 947	61	2	50	9	832	-	37	127	1 440	3 135
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	12 693	10 959	93	46	45	2	1 631	10	203	730	5 636	5 872
OTHER SALES OCCUPATIONS	8 444	7 673	80	20	60	-	654	37	748	1 829	2 671	2 877
CASHIERS	1 473	1 426	28	-	28	-	14	5	157	766	336	160
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	20 224	13 928	6 172	2 915	2 609	648	100	24	765	2 057	11 014	5 754
COMPUTER EQUIPMENT OPERATORS	1 131	887	236	73	142	21	8	-	30	74	679	320
SECRETARIES, STENOGRAPHERS, AND TYPISTS	383	243	134	30	91	13	6	-	29	68	179	107
FINANCIAL RECORDS PROCESSING OCCUPATIONS	1 259	917	297	65	181	51	37	8	36	104	773	313
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	2 682	702	1 968	1 736	214	18	12	-	97	291	1 298	931
SERVICE OCCUPATIONS	21 491	14 292	6 529	331	2 195	4 003	646	24	2 177	5 350	8 101	5 251
PRIVATE HOUSEHOLD OCCUPATIONS	77	77	-	-	-	-	-	-	30	26	14	7
PROTECTIVE SERVICE OCCUPATIONS	5 288	1 528	3 747	135	868	2 744	9	4	200	405	2 212	2 360
POLICE AND FIREFIGHTERS	2 212	-	2 212	7	216	1 989	-	-	6	21	678	1 469
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	16 126	12 687	2 782	196	1 327	1 259	637	20	1 947	4 919	5 875	2 884
FOOD SERVICE OCCUPATIONS	7 520	7 027	372	13	313	46	109	12	1 192	3 248	1 732	1 050
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	6 503	4 504	1 833	166	556	1 111	158	8	596	1 122	3 335	1 301
FARMING, FORESTRY, AND FISHING OCCUPATIONS	5 333	2 256	412	34	164	214	2 539	126	424	1 053	1 418	2 316
FARM OPERATORS AND MANAGERS	2 718	305	15	-	15	-	2 398	-	178	373	510	1 596
FARM WORKERS AND RELATED OCCUPATIONS	2 564	1 905	395	34	147	214	138	126	243	660	890	710
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	47 671	40 112	3 186	886	978	1 322	4 297	76	764	4 304	24 967	16 269
MECHANICS AND REPAIRERS	16 202	14 005	1 308	538	296	474	871	18	222	1 058	8 393	6 095
CONSTRUCTION TRADES	16 684	12 579	1 008	192	377	439	3 048	49	436	2 510	9 032	4 121
PRECISION PRODUCTION OCCUPATIONS	14 611	13 360	870	156	305	409	372	9	104	724	7 464	5 971
OPERATORS, FABRICATORS, AND LABORERS	53 077	48 477	3 262	1 154	720	1 388	1 267	71	1 574	6 668	26 562	15 807
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	14 418	13 731	476	140	195	141	208	3	223	1 082	8 406	3 929
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	7 621	7 224	259	115	37	107	125	13	125	658	4 365	1 967
TRANSPORTATION OCCUPATIONS	13 219	11 062	1 446	612	189	645	711	-	357	1 323	5 041	6 021
MOTOR VEHICLE OPERATORS	11 991	10 348	932	98	189	645	711	-	346	1 220	4 433	5 595
MATERIAL MOVING EQUIPMENT OPERATORS	3 965	3 618	255	115	43	97	92	-	29	376	2 386	1 013
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	13 854	12 842	826	172	256	398	131	55	840	3 229	6 364	2 877
CONSTRUCTION LABORERS	1 683	1 475	205	5	96	104	-	3	76	334	872	321
FREIGHT, STOCK, AND MATERIAL HANDLERS	5 005	4 767	199	73	40	86	31	8	418	1 510	2 062	854

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

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

COLUMBUS, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
WHITE												
FEMALES 16 YEARS AND OVER	193 008	146 476	40 443	3 812	18 883	17 748	5 175	914	12 827	42 984	102 115	27 818
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	45 081	25 806	17 631	825	6 471	10 335	1 505	139	2 471	7 498	23 607	9 702
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	15 661	11 783	3 189	499	1 913	777	590	99	344	1 579	9 103	4 154
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	487	5	482	90	247	145	-	-	2	54	344	75
MANAGEMENT RELATED OCCUPATIONS	5 502	4 038	1 338	276	856	206	124	2	98	486	3 702	1 081
PROFESSIONAL SPECIALTY OCCUPATIONS	29 420	14 023	14 442	326	4 558	9 558	915	40	2 127	5 919	14 504	5 548
ENGINEERS AND NATURAL SCIENTISTS	1 162	840	318	63	205	50	4	-	13	69	778	250
ENGINEERS	277	262	15	-	7	8	-	-	13	5	190	58
HEALTH DIAGNOSING OCCUPATIONS	338	193	77	-	63	14	61	7	21	67	111	124
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	8 046	5 859	2 085	43	1 441	601	85	17	304	1 991	3 830	1 634
TEACHERS, LIBRARIANS, AND COUNSELORS	14 227	3 695	10 277	79	2 089	8 109	255	-	1 256	2 734	6 925	2 480
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	9 921	2 201	7 705	61	276	7 368	15	-	627	1 615	5 374	1 874
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	97 266	78 209	17 006	2 685	10 073	4 248	1 568	483	5 758	20 755	55 808	12 021
HEALTH TECHNOLOGISTS AND TECHNICIANS	3 084	2 366	680	27	512	141	33	5	108	729	1 606	467
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	2 728	1 740	982	128	721	133	6	-	145	428	1 610	440
SALES OCCUPATIONS	22 077	20 496	404	82	165	157	1 084	93	2 575	8 610	7 282	2 753
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 755	1 491	11	-	11	-	245	8	39	285	817	601
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	4 078	3 641	20	6	11	3	405	12	259	884	1 893	943
OTHER SALES OCCUPATIONS	16 244	15 364	373	76	143	154	434	73	2 277	7 441	4 572	1 209
CASHIERS	7 404	7 076	289	65	97	127	26	13	762	3 790	2 004	524
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	69 377	53 607	14 940	2 448	8 675	3 817	445	385	2 930	10 988	45 310	8 361
COMPUTER EQUIPMENT OPERATORS	1 307	981	320	62	199	59	-	6	19	118	983	168
SECRETARIES, STENOGRAPHERS, AND TYPISTS	25 781	18 870	6 506	675	3 948	1 883	241	164	1 178	3 627	17 761	2 656
FINANCIAL RECORDS PROCESSING OCCUPATIONS	9 928	8 431	1 236	157	799	280	112	149	362	1 610	6 369	1 307
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	1 452	857	576	455	118	3	19	-	175	338	716	211
SERVICE OCCUPATIONS	28 744	23 142	4 207	176	1 946	2 085	1 307	88	3 750	10 402	10 285	3 063
PRIVATE HOUSEHOLD OCCUPATIONS	1 409	1 405	-	-	-	-	4	-	415	467	266	217
PROTECTIVE SERVICE OCCUPATIONS	771	369	397	21	101	275	5	-	226	157	231	135
POLICE AND FIREFIGHTERS	70	-	70	-	6	64	-	-	6	-	45	19
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	26 564	21 368	3 810	155	1 845	1 810	1 298	88	3 109	9 778	9 788	2 711
FOOD SERVICE OCCUPATIONS	13 470	11 806	1 542	42	457	1 043	95	27	1 988	5 976	3 706	1 175
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	2 620	2 101	382	33	180	169	123	14	416	841	1 100	132
FARMING, FORESTRY, AND FISHING OCCUPATIONS	992	450	95	16	40	39	322	125	156	285	267	249
FARM OPERATORS AND MANAGERS	284	45	4	-	4	-	235	-	55	79	66	78
FARM WORKERS AND RELATED OCCUPATIONS	694	394	88	16	36	36	87	125	101	206	187	171
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	3 822	3 334	200	31	99	70	253	35	116	568	2 161	806
MECHANICS AND REPAIRERS	594	526	35	22	5	8	27	6	20	91	368	90
CONSTRUCTION TRADES	367	260	41	9	26	6	44	22	20	68	208	65
PRECISION PRODUCTION OCCUPATIONS	2 861	2 548	124	-	68	56	182	7	76	409	1 585	651
OPERATORS, FABRICATORS, AND LABORERS	17 103	15 535	1 304	79	254	971	220	44	576	3 476	9 987	1 977
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	5 837	5 482	226	21	148	57	120	9	125	1 041	3 626	741
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	5 634	5 523	89	2	22	65	22	-	82	601	3 785	649
TRANSPORTATION OCCUPATIONS	1 432	523	862	15	47	800	45	2	90	686	385	198
MOTOR VEHICLE OPERATORS	1 432	523	862	15	47	800	45	2	90	686	385	198
MATERIAL MOVING EQUIPMENT OPERATORS	271	248	21	-	8	13	2	-	19	21	175	34
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	3 929	3 759	106	41	29	36	31	33	260	1 127	2 016	355
CONSTRUCTION LABORERS	50	48	-	-	-	-	-	2	-	21	19	10
FREIGHT, STOCK, AND MATERIAL HANDLERS	1 070	1 027	27	23	-	4	9	7	132	429	394	80

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

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COLUMBUS, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
BLACK												
MALES 16 YEARS AND OVER	26 181	17 213	8 210	2 447	2 804	2 959	720	38	926	3 329	15 424	5 422
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	4 043	1 984	1 785	389	718	678	260	14	135	401	2 204	1 271
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	2 260	1 136	961	325	324	312	156	7	37	148	1 219	839
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	170	-	170	83	51	36	-	-	6	-	129	35
MANAGEMENT RELATED OCCUPATIONS	648	277	351	144	135	72	20	-	6	37	446	154
PROFESSIONAL SPECIALTY OCCUPATIONS	1 783	848	824	64	394	366	104	7	98	253	985	432
ENGINEERS AND NATURAL SCIENTISTS	385	271	114	31	66	17	-	-	-	37	290	58
ENGINEERS	226	165	61	12	32	17	-	-	-	19	184	23
HEALTH DIAGNOSING OCCUPATIONS	80	44	18	-	7	11	18	-	-	29	16	35
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	114	78	36	-	24	12	-	-	-	18	59	37
TEACHERS, LIBRARIANS, AND COUNSELORS	347	76	271	6	104	161	-	-	31	54	173	79
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	197	14	183	-	27	156	-	-	16	10	130	41
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	4 865	2 651	2 106	1 181	671	254	103	5	140	572	3 078	986
HEALTH TECHNOLOGISTS AND TECHNICIANS	28	21	7	-	7	-	-	-	-	4	13	11
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	619	319	300	101	162	37	-	-	6	36	472	99
SALES OCCUPATIONS	1 068	901	69	14	41	14	98	-	70	256	457	281
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	149	118	6	-	6	-	25	-	-	15	55	79
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	423	371	12	-	6	6	40	-	14	46	234	129
OTHER SALES OCCUPATIONS	496	412	51	14	29	8	33	-	56	195	168	73
CASHIERS	201	172	22	7	7	8	7	-	25	107	34	31
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	3 150	1 410	1 730	1 066	461	203	5	5	64	276	2 136	595
COMPUTER EQUIPMENT OPERATORS	146	85	61	24	29	8	-	-	-	8	114	24
SECRETARIES, STENOGRAPHERS, AND TYPISTS	45	4	36	15	12	9	-	5	5	20	20	-
FINANCIAL RECORDS PROCESSING OCCUPATIONS	113	80	33	5	24	4	-	-	-	13	89	11
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	788	81	702	632	51	19	5	-	16	30	472	265
SERVICE OCCUPATIONS	5 697	3 370	2 262	218	1 017	1 027	65	-	393	1 199	2 907	958
PRIVATE HOUSEHOLD OCCUPATIONS	23	23	-	-	-	-	-	-	-	-	23	-
PROTECTIVE SERVICE OCCUPATIONS	743	223	520	51	193	276	-	-	13	88	362	243
POLICE AND FIREFIGHTERS	221	-	221	7	18	196	-	-	-	-	99	116
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	4 931	3 124	1 742	167	824	751	65	-	380	1 111	2 522	715
FOOD SERVICE OCCUPATIONS	1 172	1 004	160	29	103	28	8	-	127	459	399	125
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	3 040	1 695	1 320	129	513	678	25	-	219	521	1 729	455
FARMING, FORESTRY, AND FISHING OCCUPATIONS	210	94	114	20	21	73	2	-	33	11	95	55
FARM OPERATORS AND MANAGERS	4	2	-	-	-	-	2	-	-	-	2	2
FARM WORKERS AND RELATED OCCUPATIONS	206	92	114	20	21	73	-	-	33	11	93	53
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	3 082	2 369	515	157	179	179	179	19	40	299	2 047	577
MECHANICS AND REPAIRERS	987	760	188	57	44	87	39	-	11	66	641	219
CONSTRUCTION TRADES	1 035	690	190	68	70	52	136	19	18	217	661	105
PRECISION PRODUCTION OCCUPATIONS	1 046	905	137	32	65	40	4	-	11	16	739	245
OPERATORS, FABRICATORS, AND LABORERS	8 284	6 745	1 428	482	198	748	111	-	185	847	5 093	1 575
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	2 022	1 852	163	64	45	54	7	-	38	124	1 310	437
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	1 293	1 218	73	60	13	-	2	-	20	112	821	211
TRANSPORTATION OCCUPATIONS	1 666	1 185	406	75	76	255	75	-	37	181	822	519
MOTOR VEHICLE OPERATORS	1 629	1 148	406	75	76	255	75	-	31	174	816	501
MATERIAL MOVING EQUIPMENT OPERATORS	692	552	140	65	45	30	-	-	3	59	467	113
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	2 611	1 938	646	218	19	409	27	-	87	371	1 673	295
CONSTRUCTION LABORERS	450	400	50	7	14	29	-	-	18	97	248	47
FREIGHT, STOCK, AND MATERIAL HANDLERS	909	550	352	69	-	283	7	-	13	154	619	77

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

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

COLUMBUS, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS TOTAL	FEDERAL	STATE	LOCAL	SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
BLACK												
FEMALES 16 YEARS AND OVER	25 805	15 364	10 060	1 845	4 730	3 485	363	18	1 346	3 991	17 056	2 347
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	4 445	1 541	2 817	469	846	1 502	82	5	148	317	3 337	489
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	1 588	737	811	289	324	198	40	-	21	103	1 195	227
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	164	-	164	73	61	30	-	-	-	5	146	11
MANAGEMENT RELATED OCCUPATIONS	650	355	295	138	110	47	-	-	7	40	512	73
PROFESSIONAL SPECIALTY OCCUPATIONS	2 857	804	2 006	180	522	1 304	42	5	127	214	2 142	262
ENGINEERS AND NATURAL SCIENTISTS	96	44	52	29	17	6	-	-	-	-	96	-
ENGINEERS	30	24	6	-	-	6	-	-	-	-	30	-
HEALTH DIAGNOSING OCCUPATIONS	26	4	-	-	-	-	22	-	-	4	8	14
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	533	303	225	13	136	76	-	5	9	23	420	81
TEACHERS, LIBRARIANS, AND COUNSELORS	1 300	243	1 051	67	173	811	6	-	95	101	930	103
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	985	125	854	53	71	730	6	-	50	59	769	72
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	11 686	7 038	4 577	1 147	2 384	1 046	58	13	530	1 819	7 936	1 034
HEALTH TECHNOLOGISTS AND TECHNICIANS	580	349	231	-	220	11	-	-	15	98	382	69
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	299	126	173	46	117	10	-	-	-	51	180	52
SALES OCCUPATIONS	1 460	1 331	86	5	40	41	36	7	129	516	598	154
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	92	69	7	-	7	-	16	-	-	20	34	31
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	219	179	26	5	3	18	14	-	21	26	126	46
OTHER SALES OCCUPATIONS	1 149	1 083	53	-	30	23	6	7	108	470	438	77
CASHIERS	613	576	31	-	8	23	6	-	58	275	190	51
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	9 347	5 232	4 087	1 096	2 007	984	22	6	386	1 154	6 776	759
COMPUTER EQUIPMENT OPERATORS	242	146	96	27	58	11	-	-	-	22	200	14
SECRETARIES, STENOGRAPHERS, AND TYPISTS	2 476	1 160	1 302	242	699	361	14	-	116	291	1 827	190
FINANCIAL RECORDS PROCESSING OCCUPATIONS	711	461	250	72	111	67	-	-	5	85	534	70
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	342	119	223	186	34	3	-	-	4	12	249	52
SERVICE OCCUPATIONS	6 741	4 271	2 265	141	1 384	740	205	-	578	1 513	3 834	504
PRIVATE HOUSEHOLD OCCUPATIONS	597	597	-	-	-	-	-	-	120	230	194	34
PROTECTIVE SERVICE OCCUPATIONS	90	18	72	10	40	22	-	-	7	-	60	4
POLICE AND FIREFIGHTERS	16	-	16	-	-	16	-	-	-	-	16	-
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	6 054	3 656	2 193	131	1 344	718	205	-	451	1 283	3 580	466
FOOD SERVICE OCCUPATIONS	1 458	959	499	40	300	159	-	-	187	408	664	130
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	1 663	1 123	540	48	326	166	-	-	133	425	969	89
FARMING, FORESTRY, AND FISHING OCCUPATIONS	20	-	20	-	6	14	-	-	-	-	20	-
FARM OPERATORS AND MANAGERS	-	-	-	-	-	-	-	-	-	-	-	-
FARM WORKERS AND RELATED OCCUPATIONS	20	-	20	-	6	14	-	-	-	-	20	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	336	304	19	6	5	8	13	-	6	48	227	45
MECHANICS AND REPAIRERS	74	69	5	-	5	-	-	-	-	6	54	14
CONSTRUCTION TRADES	39	39	-	-	-	-	-	-	-	6	25	-
PRECISION PRODUCTION OCCUPATIONS	223	196	14	6	-	8	13	-	6	36	148	31
OPERATORS, FABRICATORS, AND LABORERS	2 577	2 210	362	82	105	175	5	-	84	294	1 702	275
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	1 060	970	85	15	45	25	5	-	28	89	751	143
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	893	861	32	-	28	4	-	-	35	77	600	64
TRANSPORTATION OCCUPATIONS	199	47	152	24	12	116	-	-	7	61	96	30
MOTOR VEHICLE OPERATORS	199	47	152	24	12	116	-	-	7	61	96	30
MATERIAL MOVING EQUIPMENT OPERATORS	30	16	14	14	-	-	-	-	-	-	16	14
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	395	316	79	29	20	30	-	-	14	67	239	24
CONSTRUCTION LABORERS	9	6	3	-	-	3	-	-	-	-	6	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	90	77	13	-	13	-	-	-	-	14	65	6

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

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

DAYTON, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
MALES 16 YEARS AND OVER	198 886	155 884	30 572	13 564	3 761	13 247	12 184	246	6 528	18 536	97 592	70 537
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	50 760	33 674	13 513	6 138	1 894	5 481	3 539	34	875	2 201	24 102	22 756
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	26 255	19 787	4 890	2 615	611	1 664	1 569	9	266	909	10 939	13 775
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	1 392	-	1 392	948	86	358	-	-	17	34	983	343
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	921	202	713	15	174	524	6	-	6	14	302	599
MANAGERS, MEDICINE AND HEALTH	218	105	94	20	28	46	19	-	-	-	78	135
OTHER SPECIFIED MANAGERS	4 919	4 355	426	299	63	64	138	-	29	136	1 894	2 800
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	12 166	11 402	764	333	105	326	-	-	89	358	4 425	7 115
MANUFACTURING	4 383	4 383	-	-	-	-	-	-	29	82	1 655	2 558
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	693	611	82	31	-	51	-	-	5	19	293	365
WHOLESALE AND RETAIL TRADE	3 268	3 247	21	8	6	7	-	-	18	90	802	2 294
ALL OTHER INDUSTRIES	3 822	3 161	661	294	99	268	-	-	37	167	1 675	1 898
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	1 120	-	-	-	-	-	1 113	7	42	121	292	639
CONSTRUCTION	252	-	-	-	-	-	252	-	10	64	74	104
MANUFACTURING	126	-	-	-	-	-	126	-	-	12	34	74
WHOLESALE AND RETAIL TRADE	397	-	-	-	-	-	392	5	17	27	75	271
ALL OTHER INDUSTRIES	345	-	-	-	-	-	343	2	15	18	109	190
MANAGEMENT RELATED OCCUPATIONS	5 519	3 723	1 501	1 000	155	346	293	2	83	246	2 965	2 144
ACCOUNTANTS AND AUDITORS	2 202	1 673	366	253	54	59	163	-	35	77	1 122	939
BUYERS AND PURCHASING AGENTS	1 033	831	181	169	-	12	19	2	6	40	497	478
PROFESSIONAL SPECIALTY OCCUPATIONS	24 505	13 887	8 623	3 523	1 283	3 817	1 970	25	609	1 292	13 163	8 981
ENGINEERS, ARCHITECTS, AND SURVEYORS	7 188	4 689	2 380	2 216	51	113	119	-	28	180	4 817	2 042
ARCHITECTS	135	95	13	8	-	5	27	-	-	5	69	59
ENGINEERS	7 011	4 560	2 367	2 208	51	108	84	-	28	167	4 727	1 970
ELECTRICAL AND ELECTRONIC ENGINEERS	1 611	1 053	558	553	5	-	-	-	-	26	1 203	356
MECHANICAL ENGINEERS	1 507	1 374	131	131	-	-	2	-	3	38	895	527
OTHER ENGINEERS	3 893	2 133	1 678	1 524	46	108	82	-	25	103	2 629	1 087
SURVEYORS AND MAPPING SCIENTISTS	42	34	-	-	-	-	8	-	-	8	21	13
MATHEMATICAL AND COMPUTER SCIENTISTS	1 862	1 300	554	515	7	32	8	-	-	31	1 343	472
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	1 306	1 000	298	279	-	19	8	-	-	27	928	340
NATURAL SCIENTISTS	849	579	259	163	61	35	11	-	6	50	602	160
HEALTH DIAGNOSING OCCUPATIONS	1 985	1 137	167	103	64	-	681	-	7	131	512	1 293
PHYSICIANS	1 322	894	155	103	52	-	273	-	-	60	243	990
DENTISTS	377	173	6	-	6	-	198	-	-	37	169	158
OTHER HEALTH DIAGNOSING PRACTITIONERS	286	70	6	-	6	-	210	-	7	34	100	145
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	887	719	137	42	27	68	31	-	39	39	384	396
REGISTERED NURSES	131	98	33	9	13	11	-	-	5	-	93	33
PHARMACISTS	397	355	16	16	-	-	26	-	-	23	87	258
THERAPISTS	251	213	33	5	7	21	5	-	13	16	168	54
TEACHERS, LIBRARIANS, AND COUNSELORS	5 732	1 533	4 095	124	923	3 048	91	13	327	393	2 992	1 922
TEACHERS, POSTSECONDARY	1 429	595	834	34	695	105	-	-	133	186	560	514
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	1 857	227	1 630	15	85	1 530	-	-	80	106	1 059	575
TEACHERS, SECONDARY	1 375	215	1 160	10	25	1 125	-	-	50	27	770	513
SOCIAL SCIENTISTS AND URBAN PLANNERS	752	499	234	83	48	103	19	-	12	40	421	254
SOCIAL AND RECREATION WORKERS	546	192	354	39	45	270	-	-	-	37	321	180
RELIGIOUS WORKERS	1 014	848	17	17	-	-	149	-	39	96	209	665
LAWYERS AND JUDGES	1 089	428	161	62	14	85	500	-	18	60	338	636
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	2 601	1 963	265	159	43	63	361	12	133	235	1 224	961
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	37 437	29 264	5 916	4 331	635	950	2 227	30	1 405	3 492	18 127	13 617
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	6 850	5 181	1 614	1 171	175	268	55	-	176	444	4 420	1 701
HEALTH TECHNOLOGISTS AND TECHNICIANS	537	352	181	89	30	62	4	-	-	70	330	119
LICENSED PRACTICAL NURSES	52	45	7	-	7	-	-	-	-	17	28	7
ENGINEERING AND SCIENCE TECHNICIANS	3 933	3 295	587	432	91	64	51	-	137	220	2 539	979
ELECTRICAL AND ELECTRONIC TECHNICIANS	952	685	267	263	4	-	-	-	5	45	681	216
DRAFTING AND SURVEYING TECHNICIANS	1 398	1 296	64	26	7	31	38	-	28	99	849	419
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	2 380	1 534	846	650	54	142	-	-	39	154	1 551	603
AIRPLANE PILOTS AND NAVIGATORS	134	120	14	7	-	7	-	-	-	9	95	23
COMPUTER PROGRAMMERS	1 220	878	342	304	10	28	-	-	23	53	842	289
SALES OCCUPATIONS	17 118	14 841	158	29	92	37	2 103	16	795	1 748	6 021	8 153
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	3 555	2 939	54	15	26	13	558	4	13	137	861	2 455
SELF-EMPLOYED	562	-	-	-	-	-	558	4	10	30	132	367
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	3 957	3 073	24	7	7	10	860	-	153	265	1 572	1 876
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	4 035	3 727	18	7	6	5	290	-	52	138	1 839	1 941
SALES WORKERS, RETAIL AND PERSONAL SERVICES	5 532	5 072	62	-	53	9	386	12	563	1 197	1 749	1 867
CASHIERS	769	747	12	-	12	-	10	-	84	259	255	139
SALES RELATED OCCUPATIONS	39	30	-	-	-	-	9	-	14	11	-	14

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

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

DAYTON, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	13 469	9 242	4 144	3 131	368	645	69	14	434	1 300	7 686	3 763
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	2 299	1 258	1 030	832	79	119	11	-	17	74	1 411	747
COMPUTER EQUIPMENT OPERATORS	591	434	151	131	8	12	6	-	6	31	408	146
SECRETARIES, STENOGRAPHERS, AND TYPISTS	145	98	47	17	7	23	-	-	-	21	65	54
SECRETARIES	114	83	31	8	-	23	-	-	-	16	45	48
RECEPTIONISTS	68	47	21	4	6	11	-	-	24	24	15	5
FILE CLERKS	145	119	26	21	5	-	-	-	11	29	66	25
FINANCIAL RECORDS PROCESSING OCCUPATIONS	813	610	185	148	8	29	11	7	28	72	466	237
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	592	419	155	129	8	18	11	7	24	53	337	168
TELEPHONE OPERATORS	50	36	14	6	-	8	-	-	5	13	26	6
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	1 684	404	1 274	1 212	47	15	6	-	63	122	956	506
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	3 166	2 774	385	282	37	66	-	7	127	337	1 779	854
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	156	150	6	-	6	-	-	-	-	13	105	38
BANK TELLERS	96	96	-	-	-	-	-	-	-	15	79	2
DATA-ENTRY KEYERS	97	87	10	10	-	-	-	-	7	6	61	23
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	4 159	3 129	995	468	165	362	35	-	146	543	2 249	1 120
SERVICE OCCUPATIONS	17 209	11 653	5 032	897	593	3 542	513	11	1 785	3 937	6 963	3 923
PRIVATE HOUSEHOLD OCCUPATIONS	32	32	-	-	-	-	-	-	6	6	20	-
PROTECTIVE SERVICE OCCUPATIONS	3 970	1 435	2 521	368	174	1 979	14	-	102	287	1 704	1 732
FIREFIGHTING OCCUPATIONS	554	10	544	75	8	461	-	-	4	6	54	474
POLICE AND DETECTIVES, PUBLIC SERVICE	1 028	-	1 028	75	67	886	-	-	12	14	492	482
GUARDS	1 705	1 346	352	166	50	136	7	-	73	261	766	535
OTHER PROTECTIVE SERVICE OCCUPATIONS	683	79	597	52	49	496	7	-	13	6	392	241
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	13 207	10 186	2 511	529	419	1 563	499	11	1 677	3 644	5 239	2 191
FOOD PREPARATION AND SERVICE OCCUPATIONS	4 811	4 445	289	167	51	71	77	-	795	2 079	1 204	588
WAITERS AND FOOD COUNTER WORKERS	497	491	6	6	-	-	-	-	113	238	111	29
COOKS	1 934	1 844	82	40	23	19	8	-	311	901	446	230
HEALTH SERVICE OCCUPATIONS	567	390	170	97	39	34	7	-	14	140	291	87
NURSING AIDES, ORDERLIES, AND ATTENDANTS	409	289	113	61	39	13	7	-	9	86	218	75
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	6 747	4 741	1 914	223	314	1 377	81	11	757	1 219	3 378	1 136
PERSONAL SERVICE OCCUPATIONS	1 082	610	138	42	15	81	334	-	111	206	366	380
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	513	209	-	-	-	-	304	-	24	71	151	261
FARMING, FORESTRY, AND FISHING OCCUPATIONS	3 927	1 277	460	70	69	321	2 100	90	370	571	1 246	1 690
FARM OPERATORS AND MANAGERS	2 116	143	2	-	-	2	1 971	-	164	221	438	1 279
FARM OCCUPATIONS, EXCEPT MANAGERIAL	670	558	14	-	-	14	12	86	80	150	163	264
RELATED AGRICULTURAL OCCUPATIONS	1 098	570	434	70	66	298	90	4	126	187	615	147
FORESTRY AND FISHING OCCUPATIONS	43	6	10	-	3	7	27	-	-	13	30	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	39 323	33 914	2 502	1 079	307	1 116	2 861	46	617	2 941	20 068	14 294
MECHANICS AND REPAIRERS	11 973	10 192	1 041	441	104	496	724	16	158	768	6 303	4 357
AUTOMOBILE MECHANICS, INCLUDING BODY	3 145	2 548	240	58	28	154	344	13	61	219	1 467	1 268
AIRCRAFT MECHANICS	309	185	124	119	5	-	-	-	7	36	195	51
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	545	459	35	19	16	-	51	-	13	69	314	121
OTHER MECHANICS AND REPAIRERS	7 974	7 000	642	245	55	342	329	3	77	444	4 327	2 917
CONSTRUCTION TRADES	11 527	8 927	812	319	140	353	1 775	13	289	1 572	6 442	2 708
CARPENTERS	2 260	1 581	104	28	28	48	570	5	93	313	1 295	453
ELECTRICIANS	2 002	1 664	232	152	18	62	106	-	16	139	1 145	569
PAINTERS, CONSTRUCTION AND MAINTENANCE	843	548	74	9	15	50	219	2	22	173	475	129
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	1 488	1 228	124	58	30	36	136	-	25	113	890	416
OTHER CONSTRUCTION TRADES	4 934	3 906	278	72	49	157	744	6	133	834	2 637	1 141
EXTRACTIVE OCCUPATIONS	109	109	-	-	-	-	-	-	-	14	31	64
PRECISION PRODUCTION OCCUPATIONS	15 714	14 686	649	319	63	267	362	17	170	587	7 292	7 165
SUPERVISORS, PRODUCTION OCCUPATIONS	6 355	6 042	240	98	32	110	64	9	24	170	3 003	2 956
MANUFACTURING	5 025	4 983	13	-	5	8	20	9	7	110	2 291	2 480
PRECISION METALWORKING OCCUPATIONS	6 261	6 048	131	105	11	15	82	-	74	209	2 639	3 154
TOOL AND DIE MAKERS	2 379	2 331	9	-	-	9	39	-	19	78	765	1 487
MACHINISTS	2 719	2 631	56	39	11	6	32	-	33	91	1 229	1 259
SHEET METAL WORKERS	521	472	38	38	-	-	11	-	-	27	292	170
OTHER PRECISION METAL WORKERS	642	614	28	28	-	-	-	-	22	13	353	238
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	213	98	16	16	-	-	99	-	12	16	80	105
PLANT AND SYSTEM OPERATORS	469	296	173	27	7	139	-	-	5	9	288	158
OTHER PRECISION PRODUCTION OCCUPATIONS	2 416	2 202	89	73	13	3	117	8	55	183	1 282	792

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

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

DAYTON, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	50 230	46 102	3 149	1 049	263	1 837	944	35	1 476	5 394	27 086	14 257
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	27 188	26 292	615	278	80	257	259	22	411	1 751	16 434	7 559
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	17 854	17 275	402	180	56	166	166	11	226	1 103	10 529	5 441
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	5 432	5 411	6	6	-	-	15	-	31	273	2 844	2 048
PRINTING MACHINE OPERATORS	1 978	1 923	40	18	12	10	15	-	36	101	1 338	446
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	319	262	24	5	8	11	28	5	38	54	138	89
TEXTILE MACHINE OPERATORS	84	84	-	-	-	-	-	-	6	12	42	24
TEXTILE SEWING MACHINE OPERATORS	10	10	-	-	-	-	-	-	-	-	10	-
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	208	151	24	5	8	11	28	5	30	42	77	59
OTHER SPECIFIED MACHINE OPERATORS	4 312	4 038	199	106	13	80	69	6	52	280	2 527	1 333
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	5 813	5 641	133	45	23	65	39	-	69	395	3 682	1 525
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	2 745	2 669	54	24	23	7	22	-	36	164	1 698	796
MACHINE OPERATORS, NOT SPECIFIED	3 068	2 972	79	21	-	58	17	-	33	231	1 984	729
INDUSTRY:												
MANUFACTURING	5 374	5 321	44	15	7	22	9	-	48	350	3 435	1 411
NONDURABLE GOODS	1 822	1 801	21	-	7	14	-	-	-	133	1 217	457
FOOD AND KINDRED PRODUCTS	175	168	7	-	-	7	-	-	-	29	78	68
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	19	19	-	-	-	-	-	-	-	2	17	-
PAPER AND ALLIED PRODUCTS	448	448	-	-	-	-	-	-	-	8	271	160
OTHER NONDURABLE GOODS	1 180	1 166	14	-	7	7	-	-	-	94	851	229
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	3 552	3 520	23	15	-	8	9	-	48	217	2 218	954
METAL INDUSTRIES	647	634	7	7	-	-	6	-	24	48	390	171
MACHINERY, INCLUDING ELECTRICAL	1 475	1 464	8	-	-	8	3	-	11	80	819	528
TRANSPORTATION EQUIPMENT	1 117	1 109	8	8	-	-	-	-	2	68	806	185
OTHER DURABLE GOODS	313	313	-	-	-	-	-	-	11	21	203	70
NONMANUFACTURING INDUSTRIES	439	320	89	30	16	43	30	-	21	45	247	114
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	75	48	27	8	-	19	-	-	6	-	49	20
WHOLESALE AND RETAIL TRADE	143	121	-	-	-	-	22	-	10	7	84	35
ALL OTHER INDUSTRIES	221	151	62	22	16	24	8	-	5	38	114	59
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	6 788	6 558	126	61	19	46	93	11	146	503	4 253	1 555
WELDERS AND CUTTERS	1 868	1 797	24	11	2	11	42	5	30	94	1 113	558
ASSEMBLERS	4 637	4 524	89	44	17	28	24	-	110	368	2 953	948
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	283	237	13	6	-	7	27	6	6	41	187	49
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	2 546	2 459	87	37	5	45	-	-	39	145	1 652	563
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	12 186	10 244	1 321	364	77	880	611	10	333	1 325	5 118	4 895
MOTOR VEHICLE OPERATORS	9 225	7 641	1 041	221	51	769	537	6	285	1 131	3 440	4 014
TRUCK DRIVERS AND DRIVER-SALES WORKERS	8 224	7 143	559	145	15	399	516	6	212	911	3 115	3 681
BUS DRIVERS	494	83	403	29	22	352	8	-	22	120	182	142
RAIL AND WATER TRANSPORTATION OCCUPATIONS	245	173	65	65	-	-	7	-	-	-	141	92
MATERIAL MOVING EQUIPMENT OPERATORS	2 716	2 430	215	78	26	111	67	4	48	194	1 537	789
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	200	166	17	-	-	17	17	-	15	25	78	58
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	10 856	9 566	1 213	407	106	700	74	3	732	2 318	5 534	1 803
CONSTRUCTION LABORERS	1 763	1 368	395	34	31	330	-	-	90	317	1 061	214
FREIGHT, STOCK, AND MATERIAL HANDLERS	3 876	3 559	299	107	25	167	18	-	337	1 117	1 711	576
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	1 060	1 030	21	5	-	16	9	-	103	335	342	208
HAND PACKERS AND PACKAGERS	559	525	34	29	-	5	-	-	3	17	440	77
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	1 099	1 024	62	10	7	45	10	3	76	191	533	245
LABORERS, EXCEPT CONSTRUCTION	2 499	2 060	402	222	43	137	37	-	123	341	1 447	483
MANUFACTURING	1 078	1 063	15	6	-	9	-	-	42	112	634	234
NONDURABLE GOODS	419	419	-	-	-	-	-	-	22	37	233	120
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	659	644	15	6	-	9	-	-	20	75	401	114
METAL INDUSTRIES	241	235	6	6	-	-	-	-	20	43	121	41
NONMANUFACTURING INDUSTRIES	1 421	997	387	216	43	128	37	-	81	229	813	249
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	204	123	81	31	5	45	-	-	4	2	139	52
WHOLESALE AND RETAIL TRADE	689	668	11	11	-	-	10	-	6	105	405	138
ALL OTHER INDUSTRIES	528	206	295	174	38	83	27	-	71	122	269	59

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

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

DAYTON, OH SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
FEMALES 16 YEARS AND OVER	150 818	114 841	30 716	8 885	4 420	17 411	4 465	796	11 446	34 730	79 927	19 127
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	33 273	18 914	13 091	2 014	1 595	9 482	1 184	84	2 273	5 053	18 724	6 142
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	10 768	8 062	2 116	1 042	325	749	521	69	265	864	6 329	3 021
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	453	7	446	295	27	124	-	-	7	24	339	54
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	615	272	328	7	114	207	15	-	13	70	303	211
MANAGERS, MEDICINE AND HEALTH	145	130	15	-	-	15	-	-	-	-	83	62
OTHER SPECIFIED MANAGERS	1 609	1 411	121	102	-	19	66	11	26	115	1 054	396
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	4 319	3 852	467	144	83	240	-	-	148	379	2 351	1 319
MANUFACTURING	559	559	-	-	-	-	-	-	12	33	344	164
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	190	183	7	7	-	-	-	-	6	6	107	71
WHOLESALE AND RETAIL TRADE	1 427	1 414	13	6	-	7	-	-	58	135	539	637
ALL OTHER INDUSTRIES	2 143	1 696	447	131	83	233	-	-	72	205	1 361	447
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	389	-	-	-	-	-	341	48	15	91	95	178
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING	28	-	-	-	-	-	20	8	8	9	-	11
WHOLESALE AND RETAIL TRADE	220	-	-	-	-	-	200	20	7	55	50	103
ALL OTHER INDUSTRIES	141	-	-	-	-	-	121	20	-	27	45	64
MANAGEMENT RELATED OCCUPATIONS	3 238	2 390	739	494	101	144	99	10	56	185	2 104	801
ACCOUNTANTS AND AUDITORS	1 282	1 022	203	142	18	43	52	5	27	72	826	307
BUYERS AND PURCHASING AGENTS	595	485	104	84	-	20	6	-	12	18	358	202
PROFESSIONAL SPECIALTY OCCUPATIONS	22 505	10 852	10 975	972	1 270	8 733	663	15	2 008	4 189	12 395	3 121
ENGINEERS, ARCHITECTS, AND SURVEYORS	265	172	87	75	-	12	6	-	-	15	169	63
ARCHITECTS	8	2	-	-	-	-	6	-	-	-	8	-
ENGINEERS	252	170	82	75	-	7	-	-	-	15	156	63
ELECTRICAL AND ELECTRONIC ENGINEERS	48	32	16	16	-	-	-	-	-	-	28	20
MECHANICAL ENGINEERS	30	15	15	15	-	-	-	-	-	8	12	10
OTHER ENGINEERS	174	123	51	44	-	7	-	-	-	7	116	33
SURVEYORS AND MAPPING SCIENTISTS	5	-	5	-	-	5	-	-	-	-	5	-
MATHEMATICAL AND COMPUTER SCIENTISTS	469	309	160	156	-	4	-	-	-	21	347	101
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	266	219	47	47	-	-	-	-	-	7	182	77
NATURAL SCIENTISTS	151	97	54	25	24	5	-	-	4	16	108	23
HEALTH DIAGNOSING OCCUPATIONS	184	119	34	11	23	-	31	-	4	14	90	70
PHYSICIANS	141	89	34	11	23	-	18	-	4	-	67	64
DENTISTS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER HEALTH DIAGNOSING PRACTITIONERS	43	30	-	-	-	-	13	-	-	14	23	6
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	6 299	5 151	1 086	394	186	506	62	-	303	1 591	3 267	904
REGISTERED NURSES	5 207	4 386	794	357	137	300	27	-	240	1 389	2 569	801
PHARMACISTS	108	100	1	-	1	-	7	-	-	33	42	23
THERAPISTS	692	462	224	19	38	167	6	-	32	119	461	76
TEACHERS, LIBRARIANS, AND COUNSELORS	11 530	2 847	8 410	90	821	7 499	267	6	1 273	1 963	6 444	1 423
TEACHERS, POSTSECONDARY	804	288	516	20	361	135	-	-	195	140	292	126
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	6 911	1 506	5 375	34	198	5 143	30	-	536	1 105	4 180	830
TEACHERS, SECONDARY	1 924	245	1 679	6	53	1 620	-	-	134	231	1 190	299
SOCIAL SCIENTISTS AND URBAN PLANNERS	303	158	129	17	17	95	16	-	12	49	211	31
SOCIAL AND RECREATION WORKERS	1 086	292	784	109	162	513	10	-	37	109	795	126
RELIGIOUS WORKERS	126	91	10	-	-	10	25	-	30	49	20	19
LAWYERS AND JUDGES	168	87	43	-	12	31	38	-	19	24	67	52
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	1 924	1 529	178	95	25	58	208	9	326	338	877	309
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	69 921	55 760	12 381	5 917	1 804	4 660	1 322	458	4 643	15 819	39 533	7 717
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	4 946	3 913	993	465	178	350	40	-	238	949	3 070	536
HEALTH TECHNOLOGISTS AND TECHNICIANS	3 128	2 739	379	184	40	155	10	-	161	721	1 800	350
LICENSED PRACTICAL NURSES	1 470	1 218	242	99	34	109	10	-	49	342	875	141
ENGINEERING AND SCIENCE TECHNICIANS	619	486	118	68	43	7	15	-	64	78	398	67
ELECTRICAL AND ELECTRONIC TECHNICIANS	117	72	45	40	-	5	-	-	-	8	109	-
DRAFTING AND SURVEYING TECHNICIANS	130	119	11	5	6	-	-	-	5	12	81	32
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	1 199	688	496	213	95	188	15	-	13	150	872	119
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	606	451	147	121	5	21	8	-	6	55	457	64
SALES OCCUPATIONS	17 632	16 100	409	135	96	178	1 026	97	2 071	6 735	6 164	2 029
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 693	1 356	35	23	6	6	295	7	66	306	768	495
SELF-EMPLOYED	302	-	-	-	-	-	295	7	13	111	65	113
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	2 039	1 727	27	19	-	8	285	-	233	544	816	376
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	670	630	-	-	-	-	35	5	32	99	401	121
SALES WORKERS, RETAIL AND PERSONAL SERVICES	13 149	12 319	345	93	88	164	400	85	1 725	5 758	4 165	1 013
CASHIERS	5 541	5 262	275	63	61	151	4	-	595	2 435	1 773	512
SALES RELATED OCCUPATIONS	81	68	2	-	2	-	11	-	15	28	14	24

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

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DAYTON, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	47 343	35 747	10 979	5 317	1 530	4 132	256	361	2 334	8 135	30 299	5 152
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	1 869	1 379	484	289	44	151	-	6	16	105	1 219	476
COMPUTER EQUIPMENT OPERATORS	987	775	212	118	49	45	-	-	16	103	694	145
SECRETARIES, STENOGRAPHERS, AND TYPISTS	17 921	12 850	4 828	2 259	727	1 842	83	160	828	2 920	12 181	1 545
SECRETARIES	14 672	11 182	3 292	1 406	516	1 370	54	144	600	2 335	10 055	1 355
RECEPTIONISTS	1 550	1 328	202	89	45	68	5	15	127	429	838	117
FILE CLERKS	552	402	150	98	23	29	-	-	27	158	302	50
FINANCIAL RECORDS PROCESSING OCCUPATIONS	6 831	5 966	642	249	63	330	106	117	332	1 185	4 163	926
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	5 428	4 703	502	201	42	259	106	117	290	998	3 229	753
TELEPHONE OPERATORS	845	734	111	39	26	46	-	-	23	133	580	90
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	905	340	560	512	19	29	5	-	48	182	506	113
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	1 934	1 437	497	452	29	16	-	-	92	214	1 246	293
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	288	286	2	-	2	-	-	-	18	7	234	23
BANK TELLERS	1 614	1 567	45	28	-	17	2	-	64	303	1 154	66
DATA-ENTRY KEYERS	1 309	1 142	160	101	44	15	7	-	38	184	865	193
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	10 738	7 541	3 086	1 083	459	1 544	48	63	705	2 212	6 317	1 115
SERVICE OCCUPATIONS	27 785	22 347	4 044	728	867	2 449	1 304	90	3 749	10 141	10 374	2 444
PRIVATE HOUSEHOLD OCCUPATIONS	1 376	1 376	-	-	-	-	-	-	526	432	274	111
PROTECTIVE SERVICE OCCUPATIONS	443	197	242	12	65	165	4	-	49	64	224	100
FIREFIGHTING OCCUPATIONS	14	-	14	-	7	7	-	-	-	-	7	7
POLICE AND DETECTIVES, PUBLIC SERVICE	72	-	72	-	-	72	-	-	-	11	19	42
GUARDS	298	193	101	-	50	51	4	-	49	41	152	50
OTHER PROTECTIVE SERVICE OCCUPATIONS	59	4	55	12	8	35	-	-	-	12	46	1
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	25 966	20 774	3 802	716	802	2 284	1 300	90	3 174	9 645	9 876	2 233
FOOD PREPARATION AND SERVICE OCCUPATIONS	12 668	10 794	1 753	252	313	1 188	79	42	1 953	5 432	3 802	1 052
WAITERS AND FOOD COUNTER WORKERS	5 894	5 760	105	60	6	39	10	19	921	2 815	1 462	527
COOKS	3 093	2 387	669	69	100	500	32	5	290	1 217	1 179	278
HEALTH SERVICE OCCUPATIONS	5 130	4 343	755	235	272	248	30	2	262	1 363	2 890	413
NURSING AIDES, ORDERLIES, AND ATTENDANTS	3 599	2 949	618	167	232	219	30	2	168	972	1 991	295
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	3 565	2 914	583	169	135	279	52	16	350	1 094	1 634	256
PERSONAL SERVICE OCCUPATIONS	4 603	2 723	711	60	82	569	1 139	30	609	1 756	1 550	512
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	2 274	1 467	12	-	5	7	795	-	227	948	745	282
FARMING, FORESTRY, AND FISHING OCCUPATIONS	793	364	55	16	20	19	269	105	65	269	245	201
FARM OPERATORS AND MANAGERS	236	16	1	-	-	1	219	-	36	35	47	112
FARM OCCUPATIONS, EXCEPT MANAGERIAL	342	217	20	6	8	6	-	105	19	144	104	68
RELATED AGRICULTURAL OCCUPATIONS	215	131	34	10	12	12	50	-	10	90	94	21
FORESTRY AND FISHING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	3 385	2 979	155	40	38	77	246	5	159	600	1 790	666
MECHANICS AND REPAIRERS	442	404	26	2	-	24	12	-	17	23	296	82
AUTOMOBILE MECHANICS, INCLUDING BODY	44	44	-	-	-	-	-	-	-	-	44	-
AIRCRAFT MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER MECHANICS AND REPAIRERS	398	360	26	2	-	24	12	-	17	23	252	82
CONSTRUCTION TRADES	217	176	9	-	2	7	32	-	17	53	105	20
CARPENTERS	21	19	-	-	-	-	2	-	-	-	13	2
ELECTRICIANS	35	35	-	-	-	-	-	-	-	6	29	-
PAINTERS, CONSTRUCTION AND MAINTENANCE	50	27	4	-	2	2	19	-	8	22	2	4
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER CONSTRUCTION TRADES	111	95	5	-	-	5	11	-	9	25	61	14
EXTRACTIVE OCCUPATIONS	4	-	4	-	-	4	-	-	-	-	4	-
PRECISION PRODUCTION OCCUPATIONS	2 722	2 399	116	38	36	42	202	5	125	524	1 385	564
SUPERVISORS, PRODUCTION OCCUPATIONS	845	774	33	12	6	15	34	4	31	73	488	240
MANUFACTURING	476	466	-	-	-	-	10	-	14	33	284	145
PRECISION METALWORKING OCCUPATIONS	229	215	7	7	-	-	7	-	14	21	82	83
TOOL AND DIE MAKERS	25	18	-	-	-	-	7	-	-	-	8	17
MACHINISTS	122	122	-	-	-	-	-	-	6	15	30	48
SHEET METAL WORKERS	15	15	-	-	-	-	-	-	-	-	15	-
OTHER PRECISION METAL WORKERS	67	60	7	7	-	-	-	-	8	6	29	18
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	559	396	35	12	23	-	128	-	32	196	261	50
PLANT AND SYSTEM OPERATORS	2	-	2	-	-	2	-	-	-	2	-	-
OTHER PRECISION PRODUCTION OCCUPATIONS	1 087	1 014	39	7	7	25	33	1	48	232	554	191

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

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

DAYTON, OH SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	15 661	14 477	990	170	96	724	140	54	557	2 848	9 261	1 957
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	11 536	11 244	190	57	36	97	72	30	268	1 465	7 522	1 480
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	6 427	6 254	87	15	31	41	60	26	196	885	4 029	818
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	852	852	-	-	-	-	-	-	20	75	501	178
PRINTING MACHINE OPERATORS	533	503	22	6	11	5	6	2	34	70	316	91
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	1 128	1 049	31	9	15	7	29	19	40	289	631	89
TEXTILE MACHINE OPERATORS	99	92	-	-	-	-	7	-	-	7	59	18
TEXTILE SEWING MACHINE OPERATORS	509	461	7	-	-	7	22	19	5	141	289	35
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	355	337	18	9	9	-	-	-	21	79	205	25
OTHER SPECIFIED MACHINE OPERATORS	1 362	1 339	5	-	-	5	13	5	57	202	778	181
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	2 552	2 511	29	-	5	24	12	-	45	249	1 803	279
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	1 147	1 121	14	-	-	14	12	-	34	92	830	118
MACHINE OPERATORS, NOT SPECIFIED	1 405	1 390	15	-	5	10	-	-	11	157	973	161
INDUSTRY:												
MANUFACTURING	2 366	2 341	19	-	5	14	6	-	32	215	1 687	267
NONDURABLE GOODS	965	962	3	-	-	3	-	-	26	91	672	110
FOOD AND KINDRED PRODUCTS	15	15	-	-	-	-	-	-	-	-	9	6
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	47	47	-	-	-	-	-	-	-	6	41	-
PAPER AND ALLIED PRODUCTS	224	224	-	-	-	-	-	-	6	13	141	64
OTHER NONDURABLE GOODS	679	676	3	-	-	3	-	-	20	72	481	40
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	1 401	1 379	16	-	5	11	6	-	6	124	1 015	157
METAL INDUSTRIES	270	264	-	-	-	-	6	-	-	14	182	61
MACHINERY, INCLUDING ELECTRICAL	522	522	-	-	-	-	-	-	-	40	406	48
TRANSPORTATION EQUIPMENT	363	359	4	-	-	4	-	-	6	43	251	28
OTHER DURABLE GOODS	246	234	12	-	5	7	-	-	-	27	176	20
NONMANUFACTURING INDUSTRIES	186	170	10	-	-	10	6	-	13	34	116	12
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	77	71	-	-	-	-	6	-	7	22	43	-
ALL OTHER INDUSTRIES	109	99	10	-	-	10	-	-	6	12	73	12
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	3 616	3 534	66	30	5	31	12	4	51	410	2 546	373
WELDERS AND CUTTERS	50	45	5	5	-	-	-	-	-	7	39	4
ASSEMBLERS	3 427	3 362	61	25	5	31	-	4	37	382	2 403	369
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	139	127	-	-	-	-	12	-	14	21	104	-
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 493	1 456	37	12	-	25	-	-	21	170	947	289
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	1 318	614	667	29	42	596	31	6	144	646	368	115
MOTOR VEHICLE OPERATORS	1 184	480	667	29	42	596	31	6	144	618	300	91
TRUCK DRIVERS AND DRIVER-SALES WORKERS	386	315	41	10	12	19	24	6	56	131	160	29
BUS DRIVERS	714	122	592	12	24	556	-	-	81	471	100	41
RAIL AND WATER TRANSPORTATION OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	134	134	-	-	-	-	-	-	-	28	68	24
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	9	9	-	-	-	-	-	-	-	-	9	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	2 807	2 619	133	84	18	31	37	18	145	737	1 371	362
CONSTRUCTION LABORERS	53	51	2	-	-	2	-	-	22	21	-	8
FREIGHT, STOCK, AND MATERIAL HANDLERS	718	675	24	16	-	8	13	6	36	250	315	49
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	100	100	-	-	-	-	-	-	-	49	24	20
HAND PACKERS AND PACKAGERS	1 199	1 126	53	39	6	8	15	5	38	288	625	184
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	141	132	-	-	-	-	2	7	14	31	76	20
LABORERS, EXCEPT CONSTRUCTION	596	535	54	29	12	13	7	-	35	98	331	81
MANUFACTURING	315	302	13	7	6	-	-	-	10	40	190	37
NONDURABLE GOODS	131	131	-	-	-	-	-	-	8	8	68	15
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	184	171	13	7	6	-	-	-	2	32	122	22
METAL INDUSTRIES	38	38	-	-	-	-	-	-	-	-	28	10
NONMANUFACTURING INDUSTRIES	281	233	41	22	6	13	7	-	25	58	141	44
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	27	21	6	-	6	-	-	-	-	6	6	15
WHOLESALE AND RETAIL TRADE	174	165	7	7	-	-	2	-	13	35	90	29
ALL OTHER INDUSTRIES	80	47	28	15	-	13	5	-	12	17	45	-

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

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

DAYTON, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
WHITE												
MALES 16 YEARS AND OVER	180 305	142 870	25 544	11 196	3 039	11 309	11 645	246	5 854	16 298	86 345	66 845
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	47 394	31 859	12 112	5 522	1 589	5 001	3 389	34	806	1 985	22 092	21 747
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	24 809	18 983	4 292	2 332	478	1 482	1 525	9	253	842	10 092	13 284
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	1 260	-	1 260	883	65	312	-	-	17	28	878	327
MANAGEMENT RELATED OCCUPATIONS	5 141	3 525	1 327	879	127	321	287	2	83	220	2 693	2 076
PROFESSIONAL SPECIALTY OCCUPATIONS	22 585	12 876	7 820	3 190	1 111	3 519	1 864	25	553	1 143	12 000	8 463
ENGINEERS AND NATURAL SCIENTISTS	9 309	6 190	2 981	2 697	113	171	138	-	34	226	6 305	2 583
ENGINEERS	6 672	4 335	2 253	2 097	51	105	84	-	28	145	4 492	1 895
HEALTH DIAGNOSING OCCUPATIONS	1 739	1 001	129	65	64	-	609	-	7	115	448	1 132
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	754	644	79	14	15	50	31	-	20	39	317	355
TEACHERS, LIBRARIANS, AND COUNSELORS	5 254	1 400	3 755	97	787	2 871	86	13	295	345	2 686	1 841
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	2 982	406	2 576	16	71	2 489	-	-	119	120	1 637	1 060
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	34 362	27 348	4 837	3 542	518	777	2 147	30	1 328	3 098	16 188	13 006
HEALTH TECHNOLOGISTS AND TECHNICIANS	420	322	94	26	13	55	4	-	-	63	250	100
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	5 781	4 484	1 246	966	118	162	51	-	161	312	3 719	1 511
SALES OCCUPATIONS	16 373	14 188	142	20	85	37	2 027	16	752	1 581	5 761	7 878
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	3 426	2 844	38	6	19	13	540	4	13	120	826	2 378
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	7 719	6 574	42	14	13	15	1 103	-	192	361	3 312	3 698
OTHER SALES OCCUPATIONS	5 228	4 770	62	-	53	9	384	12	547	1 100	1 623	1 802
CASHIERS	684	662	12	-	12	-	10	-	65	243	230	114
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	11 788	8 354	3 355	2 530	302	523	65	14	415	1 142	6 458	3 517
COMPUTER EQUIPMENT OPERATORS	481	373	102	88	8	6	6	-	6	25	319	131
SECRETARIES, STENOGRAPHERS, AND TYPISTS	132	98	34	17	-	17	-	-	-	15	58	54
FINANCIAL RECORDS PROCESSING OCCUPATIONS	723	547	158	128	8	22	11	7	28	72	388	225
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	1 380	316	1 058	1 004	39	15	6	-	63	119	738	427
SERVICE OCCUPATIONS	13 843	9 422	3 959	520	480	2 959	451	11	1 472	3 203	5 385	3 341
PRIVATE HOUSEHOLD OCCUPATIONS	24	24	-	-	-	-	-	-	6	6	12	-
PROTECTIVE SERVICE OCCUPATIONS	3 434	1 193	2 227	293	143	1 791	14	-	77	221	1 481	1 536
POLICE AND FIREFIGHTERS	1 452	10	1 442	135	59	1 248	-	-	16	14	497	888
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	10 385	8 205	1 732	227	337	1 168	437	11	1 389	2 976	3 892	1 805
FOOD SERVICE OCCUPATIONS	4 069	3 852	147	76	33	38	70	-	683	1 823	954	476
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	5 083	3 604	1 396	97	255	1 044	72	11	603	896	2 537	905
FARMING, FORESTRY, AND FISHING OCCUPATIONS	3 780	1 234	376	54	37	285	2 080	90	359	552	1 152	1 675
FARM OPERATORS AND MANAGERS	2 108	143	2	-	-	2	1 963	-	164	221	434	1 275
FARM WORKERS AND RELATED OCCUPATIONS	1 632	1 085	367	54	37	276	90	90	195	318	691	400
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	36 787	31 933	2 096	899	224	973	2 712	46	589	2 756	18 395	13 787
MECHANICS AND REPAIRERS	11 285	9 658	933	376	95	462	678	16	152	726	5 857	4 228
CONSTRUCTION TRADES	10 697	8 337	654	278	104	272	1 693	13	282	1 469	5 877	2 594
PRECISION PRODUCTION OCCUPATIONS	14 704	13 837	509	245	25	239	341	17	155	555	6 630	6 901
OPERATORS, FABRICATORS, AND LABORERS	44 139	41 074	2 164	659	191	1 314	866	35	1 300	4 704	23 133	13 289
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	15 798	15 350	291	146	35	110	146	11	202	969	9 078	5 094
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	8 197	7 929	164	71	19	74	93	11	140	564	5 092	1 964
TRANSPORTATION OCCUPATIONS	8 478	7 197	775	189	43	543	500	6	260	935	3 105	3 864
MOTOR VEHICLE OPERATORS	8 233	7 024	710	124	43	543	493	6	260	935	2 964	3 772
MATERIAL MOVING EQUIPMENT OPERATORS	2 368	2 142	155	59	12	84	67	4	41	155	1 338	709
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	9 298	8 456	779	194	82	503	60	3	657	2 081	4 520	1 658
CONSTRUCTION LABORERS	1 435	1 137	298	12	25	261	-	-	78	259	853	190
FREIGHT, STOCK, AND MATERIAL HANDLERS	3 443	3 259	166	49	12	105	18	-	297	1 037	1 439	543

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

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DAYTON, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
WHITE												
FEMALES 16 YEARS AND OVER	130 924	102 652	23 333	5 951	3 230	14 152	4 180	759	10 323	31 183	67 385	17 363
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	29 055	17 410	10 453	1 476	1 167	7 810	1 118	74	2 099	4 599	15 830	5 612
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	9 601	7 484	1 572	774	216	582	486	59	251	803	5 549	2 749
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	324	7	317	202	20	95	-	-	7	24	242	28
MANAGEMENT RELATED OCCUPATIONS	2 818	2 154	555	372	65	118	99	10	56	181	1 791	719
PROFESSIONAL SPECIALTY OCCUPATIONS	19 454	9 926	8 881	702	951	7 228	632	15	1 848	3 796	10 281	2 863
ENGINEERS AND NATURAL SCIENTISTS	770	500	264	223	24	17	6	-	4	47	524	177
ENGINEERS	227	150	77	70	-	7	-	-	-	15	131	63
HEALTH DIAGNOSING OCCUPATIONS	128	86	11	-	11	-	31	-	4	14	52	58
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	5 711	4 812	843	281	152	410	56	-	297	1 512	2 855	850
TEACHERS, LIBRARIANS, AND COUNSELORS	9 823	2 584	6 985	59	623	6 303	248	6	1 186	1 694	5 273	1 301
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	7 519	1 586	5 903	28	167	5 708	30	-	634	1 147	4 404	1 036
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	62 173	51 245	9 180	4 042	1 385	3 753	1 307	441	4 299	14 700	34 244	7 028
HEALTH TECHNOLOGISTS AND TECHNICIANS	2 565	2 383	172	47	27	98	10	-	142	669	1 402	281
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	1 526	1 017	479	195	95	189	30	-	77	180	1 056	162
SALES OCCUPATIONS	16 423	14 997	327	81	75	171	1 011	88	1 964	6 387	5 586	1 909
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 589	1 274	22	16	-	6	286	7	66	297	716	456
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	2 499	2 172	8	-	-	8	314	5	245	629	1 093	461
OTHER SALES OCCUPATIONS	12 335	11 551	297	65	75	157	411	76	1 653	5 461	3 777	992
CASHIERS	5 183	4 915	264	59	54	151	4	-	577	2 287	1 626	490
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	41 659	32 848	8 202	3 719	1 188	3 295	256	353	2 116	7 464	26 200	4 676
COMPUTER EQUIPMENT OPERATORS	779	659	120	41	34	45	-	-	16	80	540	131
SECRETARIES, STENOGRAPHERS, AND TYPISTS	16 088	12 030	3 823	1 724	579	1 520	83	152	773	2 701	10 825	1 430
FINANCIAL RECORDS PROCESSING OCCUPATIONS	6 272	5 509	540	204	48	288	106	117	316	1 129	3 780	840
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	670	302	363	334	11	18	5	-	48	151	338	83
SERVICE OCCUPATIONS	22 357	18 483	2 680	294	544	1 842	1 114	80	3 175	8 548	7 636	2 133
PRIVATE HOUSEHOLD OCCUPATIONS	933	933	-	-	-	-	-	-	385	284	129	107
PROTECTIVE SERVICE OCCUPATIONS	370	164	202	12	43	147	4	-	42	55	186	81
POLICE AND FIREFIGHTERS	67	-	67	-	-	67	-	-	-	11	20	36
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	21 054	17 386	2 478	282	501	1 695	1 110	80	2 748	8 209	7 321	1 945
FOOD SERVICE OCCUPATIONS	11 187	9 672	1 409	119	233	1 057	64	42	1 789	4 906	3 157	975
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	2 420	2 036	328	52	92	184	40	16	265	762	1 028	198
FARMING, FORESTRY, AND FISHING OCCUPATIONS	785	356	55	16	20	19	269	105	65	269	245	193
FARM OPERATORS AND MANAGERS	236	16	1	-	-	1	219	-	36	35	47	112
FARM WORKERS AND RELATED OCCUPATIONS	549	340	54	16	20	18	50	105	29	234	198	81
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	3 012	2 643	132	27	34	71	232	5	153	547	1 527	634
MECHANICS AND REPAIRERS	414	376	26	2	-	24	12	-	17	23	268	82
CONSTRUCTION TRADES	179	144	9	-	2	7	26	-	17	47	73	20
PRECISION PRODUCTION OCCUPATIONS	2 415	2 123	93	25	32	36	194	5	119	477	1 182	532
OPERATORS, FABRICATORS, AND LABORERS	13 542	12 515	833	96	80	657	140	54	532	2 520	7 903	1 763
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	5 650	5 506	58	6	26	26	60	26	185	797	3 518	759
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	4 196	4 119	61	16	-	45	12	4	58	448	2 849	602
TRANSPORTATION OCCUPATIONS	1 064	403	624	29	36	559	31	6	144	560	260	69
MOTOR VEHICLE OPERATORS	1 064	403	624	29	36	559	31	6	144	560	260	69
MATERIAL MOVING EQUIPMENT OPERATORS	112	112	-	-	-	-	-	-	-	28	62	8
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	2 520	2 375	90	45	18	27	37	18	145	687	1 214	325
CONSTRUCTION LABORERS	53	51	2	-	-	2	-	-	22	21	-	8
FREIGHT, STOCK, AND MATERIAL HANDLERS	665	630	16	8	-	8	13	6	36	244	282	49

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

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DAYTON, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS TOTAL	FEDERAL	STATE	LOCAL	SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
BLACK												
MALES 16 YEARS AND OVER	17 123	11 933	4 731	2 197	640	1 894	459	-	624	2 103	10 449	3 261
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	2 651	1 301	1 232	522	248	462	118	-	63	187	1 559	785
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	1 267	667	556	261	126	169	44	-	13	61	746	419
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	114	-	114	54	21	39	-	-	-	-	94	15
MANAGEMENT RELATED OCCUPATIONS	336	167	163	110	28	25	6	-	-	26	230	68
PROFESSIONAL SPECIALTY OCCUPATIONS	1 384	634	676	261	122	293	74	-	50	126	813	366
ENGINEERS AND NATURAL SCIENTISTS	363	191	172	163	-	9	-	-	-	30	248	78
ENGINEERS	228	143	85	82	-	3	-	-	-	22	137	62
HEALTH DIAGNOSING OCCUPATIONS	89	44	-	-	-	-	45	-	-	10	25	54
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	118	65	53	28	12	13	-	-	19	-	52	41
TEACHERS, LIBRARIANS, AND COUNSELORS	388	92	296	27	92	177	-	-	26	41	241	69
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	246	32	214	9	39	166	-	-	11	13	188	28
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	2 793	1 718	1 006	747	92	167	69	-	70	364	1 772	539
HEALTH TECHNOLOGISTS AND TECHNICIANS	112	30	82	63	12	7	-	-	-	7	75	19
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	405	252	153	99	16	38	-	-	8	52	274	58
SALES OCCUPATIONS	694	613	16	9	7	-	65	-	43	160	242	249
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	121	87	16	9	7	-	18	-	-	17	29	75
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	241	194	-	-	-	-	47	-	13	35	87	106
OTHER SALES OCCUPATIONS	332	332	-	-	-	-	-	-	30	108	126	68
CASHIERS	85	85	-	-	-	-	-	-	19	16	25	25
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	1 582	823	755	576	57	122	4	-	19	145	1 181	213
COMPUTER EQUIPMENT OPERATORS	104	55	49	43	-	6	-	-	-	6	89	9
SECRETARIES, STENOGRAPHERS, AND TYPISTS	13	-	13	-	7	6	-	-	-	6	7	-
FINANCIAL RECORDS PROCESSING OCCUPATIONS	83	56	27	20	-	7	-	-	-	-	71	12
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	300	84	216	208	8	-	-	-	-	3	214	79
SERVICE OCCUPATIONS	3 218	2 117	1 039	353	113	573	62	-	286	701	1 541	531
PRIVATE HOUSEHOLD OCCUPATIONS	4	4	-	-	-	-	-	-	-	-	4	-
PROTECTIVE SERVICE OCCUPATIONS	511	227	284	75	31	178	-	-	25	58	223	179
POLICE AND FIREFIGHTERS	120	-	120	15	16	89	-	-	-	6	49	58
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	2 703	1 886	755	278	82	395	62	-	261	643	1 314	352
FOOD SERVICE OCCUPATIONS	667	528	132	81	18	33	7	-	96	236	240	83
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	1 632	1 119	504	112	59	333	9	-	143	318	825	231
FARMING, FORESTRY, AND FISHING OCCUPATIONS	133	40	84	16	32	36	9	-	11	12	87	15
FARM OPERATORS AND MANAGERS	4	-	-	-	-	-	4	-	-	-	-	4
FARM WORKERS AND RELATED OCCUPATIONS	126	40	81	16	29	36	5	-	11	12	84	11
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	2 378	1 849	399	173	83	143	130	-	28	171	1 585	451
MECHANICS AND REPAIRERS	631	496	101	58	9	34	34	-	6	42	404	114
CONSTRUCTION TRADES	793	553	158	41	36	81	82	-	7	97	548	100
PRECISION PRODUCTION OCCUPATIONS	954	800	140	74	38	28	14	-	15	32	633	237
OPERATORS, FABRICATORS, AND LABORERS	5 950	4 908	971	386	72	513	71	-	166	668	3 905	940
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	1 996	1 878	105	34	21	50	13	-	24	131	1 422	333
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	1 114	1 065	49	27	5	17	-	-	45	84	805	146
TRANSPORTATION OCCUPATIONS	975	600	331	97	8	226	44	-	25	191	476	236
MOTOR VEHICLE OPERATORS	975	600	331	97	8	226	44	-	25	191	476	236
MATERIAL MOVING EQUIPMENT OPERATORS	341	281	60	19	14	27	-	-	7	39	192	80
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	1 524	1 084	426	209	24	193	14	-	65	223	1 010	145
CONSTRUCTION LABORERS	322	225	97	22	6	69	-	-	12	58	208	24
FREIGHT, STOCK, AND MATERIAL HANDLERS	425	292	133	58	13	62	-	-	40	72	272	33

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

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

DAYTON, OH SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
BLACK												
FEMALES 16 YEARS AND OVER	18 707	11 307	7 119	2 838	1 116	3 165	261	20	1 039	3 282	11 916	1 589
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	3 935	1 315	2 555	522	404	1 629	55	10	167	420	2 714	479
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	1 092	522	525	268	103	154	35	10	14	61	729	253
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	129	-	129	93	7	29	-	-	-	-	97	26
MANAGEMENT RELATED OCCUPATIONS	370	199	171	122	30	19	-	-	-	4	281	69
PROFESSIONAL SPECIALTY OCCUPATIONS	2 843	793	2 030	254	301	1 475	20	-	153	359	1 985	226
ENGINEERS AND NATURAL SCIENTISTS	86	54	32	28	-	4	-	-	-	-	81	5
ENGINEERS	20	20	-	-	-	-	-	-	-	-	20	-
HEALTH DIAGNOSING OCCUPATIONS	11	6	5	-	5	-	-	-	-	-	11	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	524	289	229	113	34	82	6	-	6	79	356	46
TEACHERS, LIBRARIANS, AND COUNSELORS	1 660	249	1 403	31	192	1 180	8	-	85	240	1 156	121
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	1 296	153	1 143	12	84	1 047	-	-	36	177	959	92
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	7 320	4 240	3 071	1 816	375	880	9	-	302	1 034	5 066	625
HEALTH TECHNOLOGISTS AND TECHNICIANS	528	336	192	137	13	42	-	-	19	52	384	54
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	254	134	120	86	28	6	-	-	-	33	191	24
SALES OCCUPATIONS	1 109	1 035	65	43	15	7	9	-	95	324	529	105
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	91	82	-	-	-	-	9	-	-	9	45	33
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	184	165	19	19	-	-	-	-	20	14	98	36
OTHER SALES OCCUPATIONS	834	788	46	24	15	7	-	-	75	301	386	36
CASHIERS	348	341	7	-	7	-	-	-	18	138	147	22
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	5 429	2 735	2 694	1 550	319	825	-	-	188	625	3 962	442
COMPUTER EQUIPMENT OPERATORS	208	116	92	77	15	-	-	-	-	23	154	14
SECRETARIES, STENOGRAPHERS, AND TYPISTS	1 762	777	985	533	136	316	-	-	55	205	1 308	106
FINANCIAL RECORDS PROCESSING OCCUPATIONS	489	387	102	45	15	42	-	-	9	36	348	86
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	213	38	175	156	8	11	-	-	-	31	161	15
SERVICE OCCUPATIONS	5 112	3 596	1 316	416	317	583	190	10	542	1 461	2 633	271
PRIVATE HOUSEHOLD OCCUPATIONS	443	443	-	-	-	-	-	-	141	148	145	4
PROTECTIVE SERVICE OCCUPATIONS	73	33	40	-	22	18	-	-	7	9	38	19
POLICE AND FIREFIGHTERS	19	-	19	-	7	12	-	-	-	-	6	13
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	4 596	3 120	1 276	416	295	565	190	10	394	1 304	2 450	248
FOOD SERVICE OCCUPATIONS	1 294	938	341	133	80	128	15	-	148	432	588	57
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	1 109	860	237	99	43	95	12	-	85	314	595	58
FARMING, FORESTRY, AND FISHING OCCUPATIONS	8	8	-	-	-	-	-	-	-	-	-	8
FARM OPERATORS AND MANAGERS	-	-	-	-	-	-	-	-	-	-	-	-
FARM WORKERS AND RELATED OCCUPATIONS	8	8	-	-	-	-	-	-	-	-	-	8
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	340	310	23	13	4	6	7	-	6	41	242	32
MECHANICS AND REPAIRERS	28	28	-	-	-	-	-	-	-	-	28	-
CONSTRUCTION TRADES	32	32	-	-	-	-	-	-	-	-	32	-
PRECISION PRODUCTION OCCUPATIONS	280	250	23	13	4	6	7	-	6	41	182	32
OPERATORS, FABRICATORS, AND LABORERS	1 992	1 838	154	71	16	67	-	-	22	326	1 261	174
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	693	667	26	6	5	15	-	-	8	86	444	52
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	882	840	42	26	5	11	-	-	14	132	619	54
TRANSPORTATION OCCUPATIONS	120	77	43	-	6	37	-	-	-	58	40	22
MOTOR VEHICLE OPERATORS	120	77	43	-	6	37	-	-	-	58	40	22
MATERIAL MOVING EQUIPMENT OPERATORS	22	22	-	-	-	-	-	-	-	-	6	16
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	275	232	43	39	-	4	-	-	-	50	152	30
CONSTRUCTION LABORERS	-	-	-	-	-	-	-	-	-	-	-	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	53	45	8	8	-	-	-	-	-	6	33	-

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

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

HAMILTON-MIDDLETOWN, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
MALES 16 YEARS AND OVER	64 293	53 203	7 421	1 059	2 923	3 439	3 626	43	2 546	5 635	31 443	22 955
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	14 418	10 252	3 084	149	1 483	1 452	1 074	8	500	729	6 739	6 267
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	7 491	6 083	850	80	360	410	550	8	177	256	3 191	3 772
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	153	-	153	24	18	111	-	-	-	7	83	63
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	335	55	280	-	130	150	-	-	13	14	128	180
MANAGERS, MEDICINE AND HEALTH	29	29	-	-	-	-	-	-	-	-	19	10
OTHER SPECIFIED MANAGERS	1 487	1 435	24	6	6	12	25	3	25	62	556	819
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	3 653	3 436	217	6	136	75	-	-	82	121	1 442	1 963
MANUFACTURING	1 361	1 361	-	-	-	-	-	-	7	21	583	723
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	211	205	6	6	-	-	-	-	-	28	81	102
WHOLESALE AND RETAIL TRADE	965	965	-	-	-	-	-	-	11	41	271	637
ALL OTHER INDUSTRIES	1 116	905	211	-	136	75	-	-	64	31	507	501
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	414	-	-	-	-	-	414	-	17	18	123	256
CONSTRUCTION	40	-	-	-	-	-	40	-	2	7	14	17
MANUFACTURING	45	-	-	-	-	-	45	-	6	-	6	33
WHOLESALE AND RETAIL TRADE	194	-	-	-	-	-	194	-	-	11	64	119
ALL OTHER INDUSTRIES	135	-	-	-	-	-	135	-	9	-	39	87
MANAGEMENT RELATED OCCUPATIONS	1 420	1 128	176	44	70	62	111	5	40	34	840	481
ACCOUNTANTS AND AUDITORS	485	419	29	20	4	5	37	-	11	13	327	128
BUYERS AND PURCHASING AGENTS	259	243	6	-	6	-	10	-	5	-	150	104
PROFESSIONAL SPECIALTY OCCUPATIONS	6 927	4 169	2 234	69	1 123	1 042	524	-	323	473	3 548	2 495
ENGINEERS, ARCHITECTS, AND SURVEYORS	2 293	2 179	49	23	4	22	65	-	17	65	1 556	650
ARCHITECTS	40	20	-	-	-	-	20	-	-	-	27	8
ENGINEERS	2 239	2 151	49	23	4	22	39	-	17	65	1 515	642
ELECTRICAL AND ELECTRONIC ENGINEERS	280	265	9	5	4	-	6	-	5	13	160	102
MECHANICAL ENGINEERS	344	344	-	-	-	-	-	-	5	7	198	134
OTHER ENGINEERS	1 615	1 542	40	18	-	22	33	-	7	45	1 157	406
SURVEYORS AND MAPPING SCIENTISTS	14	8	-	-	-	-	6	-	-	-	14	-
MATHEMATICAL AND COMPUTER SCIENTISTS	296	266	25	15	10	-	5	-	-	8	186	95
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	197	177	15	15	-	-	5	-	-	-	122	68
NATURAL SCIENTISTS	232	160	72	18	35	19	-	-	-	-	191	35
HEALTH DIAGNOSING OCCUPATIONS	389	199	15	7	8	-	175	-	19	7	148	202
PHYSICIANS	212	142	8	-	8	-	62	-	19	7	50	129
DENTISTS	109	34	-	-	-	-	75	-	-	-	71	32
OTHER HEALTH DIAGNOSING PRACTITIONERS	68	23	7	7	-	-	38	-	-	-	27	41
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	174	156	12	-	6	6	6	-	-	6	59	109
REGISTERED NURSES	32	32	-	-	-	-	-	-	-	-	6	26
PHARMACISTS	89	77	6	-	6	-	6	-	-	6	23	60
THERAPISTS	18	18	-	-	-	-	-	-	-	-	18	-
TEACHERS, LIBRARIANS, AND COUNSELORS	2 148	294	1 842	-	930	912	12	-	196	265	863	802
TEACHERS, POSTSECONDARY	808	74	734	-	734	-	-	-	94	162	180	361
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	536	20	516	-	35	481	-	-	24	29	315	162
TEACHERS, SECONDARY	446	77	369	-	7	362	-	-	6	16	231	193
SOCIAL SCIENTISTS AND URBAN PLANNERS	91	56	35	-	12	23	-	-	-	-	56	35
SOCIAL AND RECREATION WORKERS	111	33	78	-	24	54	-	-	-	17	74	20
RELIGIOUS WORKERS	313	281	-	-	-	-	32	-	7	49	44	211
LAWYERS AND JUDGES	241	89	26	6	14	6	126	-	-	6	90	145
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	639	456	80	-	80	-	103	-	84	50	281	191
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	10 927	9 174	1 111	429	428	254	636	6	490	863	5 525	3 899
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	1 765	1 480	262	33	137	92	23	-	68	88	1 156	428
HEALTH TECHNOLOGISTS AND TECHNICIANS	73	73	-	-	-	-	-	-	-	-	47	26
LICENSED PRACTICAL NURSES	6	6	-	-	-	-	-	-	-	-	6	-
ENGINEERING AND SCIENCE TECHNICIANS	1 164	1 006	140	20	65	55	18	-	38	64	792	252
ELECTRICAL AND ELECTRONIC TECHNICIANS	111	89	22	6	8	8	-	-	6	-	59	41
DRAFTING AND SURVEYING TECHNICIANS	440	392	42	7	19	16	6	-	8	41	313	78
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	528	401	122	13	72	37	5	-	30	24	317	150
AIRPLANE PILOTS AND NAVIGATORS	30	30	-	-	-	-	-	-	-	-	30	-
COMPUTER PROGRAMMERS	244	185	54	-	39	15	5	-	11	11	152	70
SALES OCCUPATIONS	5 147	4 466	68	-	40	28	607	6	179	486	2 075	2 334
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 105	891	6	-	6	-	202	6	16	24	294	767
SELF-EMPLOYED	208	-	-	-	-	-	202	6	10	7	34	157
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	1 290	1 046	16	-	4	12	228	-	16	68	689	495
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	1 348	1 275	-	-	-	-	73	-	12	43	740	549
SALES WORKERS, RETAIL AND PERSONAL SERVICES	1 389	1 248	46	-	30	16	95	-	135	348	352	511
CASHIERS	218	180	28	-	12	16	10	-	19	128	34	37
SALES RELATED OCCUPATIONS	15	6	-	-	-	-	9	-	-	3	-	12

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

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

HAMILTON-MIDDLETOWN, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	4 015	3 228	781	396	251	134	6	-	243	289	2 294	1 137
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	578	521	57	18	17	22	-	-	6	13	368	191
COMPUTER EQUIPMENT OPERATORS	211	183	28	11	17	-	-	-	12	15	111	73
SECRETARIES, STENOGRAPHERS, AND TYPISTS	67	44	23	-	18	5	-	-	29	-	28	10
SECRETARIES	49	38	11	-	6	5	-	-	11	-	28	10
RECEPTIONISTS	20	15	5	-	5	-	-	-	5	-	-	15
FILE CLERKS	66	61	5	-	5	-	-	-	5	-	34	27
FINANCIAL RECORDS PROCESSING OCCUPATIONS	262	208	54	25	21	8	-	-	28	17	159	45
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	129	108	21	6	7	8	-	-	28	11	78	12
TELEPHONE OPERATORS	12	-	12	-	2	10	-	-	2	5	5	-
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	456	128	328	287	41	-	-	-	46	59	214	131
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	788	751	37	7	23	7	-	-	23	68	512	172
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	59	59	-	-	-	-	-	-	-	8	28	23
BANK TELLERS	41	41	-	-	-	-	-	-	-	-	18	23
DATA-ENTRY KEYERS	7	7	-	-	-	-	-	-	-	-	7	-
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	1 448	1 210	232	48	102	82	6	-	87	104	810	427
SERVICE OCCUPATIONS	5 163	3 251	1 718	109	661	948	194	-	711	1 046	2 065	1 171
PRIVATE HOUSEHOLD OCCUPATIONS	17	17	-	-	-	-	-	-	11	-	-	-
PROTECTIVE SERVICE OCCUPATIONS	1 317	549	768	48	137	583	-	-	43	113	615	522
FIREFIGHTING OCCUPATIONS	126	-	126	-	-	126	-	-	-	-	-	120
POLICE AND DETECTIVES, PUBLIC SERVICE	323	-	323	-	7	316	-	-	-	11	178	134
GUARDS	622	494	128	48	51	29	-	-	38	74	351	159
OTHER PROTECTIVE SERVICE OCCUPATIONS	246	55	191	-	79	112	-	-	5	28	86	109
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	3 829	2 685	950	61	524	365	194	-	657	933	1 450	649
FOOD PREPARATION AND SERVICE OCCUPATIONS	1 379	1 144	212	14	186	12	23	-	358	567	257	154
WAITERS AND FOOD COUNTER WORKERS	107	95	12	-	12	-	-	-	42	47	10	8
COOKS	513	474	32	8	24	-	7	-	87	244	140	23
HEALTH SERVICE OCCUPATIONS	116	84	32	-	13	19	-	-	4	18	87	7
NURSING AIDES, ORDERLIES, AND ATTENDANTS	85	59	26	-	7	19	-	-	4	12	62	7
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	1 939	1 324	587	41	241	305	28	-	192	276	1 006	377
PERSONAL SERVICE OCCUPATIONS	395	133	119	6	84	29	143	-	103	72	100	111
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	196	47	12	-	-	12	137	-	11	13	69	98
FARMING, FORESTRY, AND FISHING OCCUPATIONS	1 006	392	128	16	47	65	474	12	104	205	259	407
FARM OPERATORS AND MANAGERS	536	74	-	-	-	-	462	-	39	56	96	345
FARM OCCUPATIONS, EXCEPT MANAGERIAL	141	129	-	-	-	-	-	12	19	53	38	19
RELATED AGRICULTURAL OCCUPATIONS	278	144	128	16	47	65	6	-	46	72	104	37
FORESTRY AND FISHING OCCUPATIONS	51	45	-	-	-	-	6	-	-	24	21	6
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	14 047	12 543	563	112	154	297	932	9	258	975	7 226	5 172
MECHANICS AND REPAIRERS	4 301	3 912	208	32	78	98	176	5	50	177	2 391	1 568
AUTOMOBILE MECHANICS, INCLUDING BODY	954	742	81	18	42	21	126	5	12	75	428	415
AIRCRAFT MECHANICS	25	25	-	-	-	-	-	-	-	-	18	7
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	186	166	20	-	20	-	-	-	-	19	114	53
OTHER MECHANICS AND REPAIRERS	3 136	2 979	107	14	16	77	50	-	38	83	1 831	1 093
CONSTRUCTION TRADES	4 231	3 436	151	23	42	86	644	-	155	592	2 343	978
CARPENTERS	952	727	9	9	-	-	216	-	35	217	439	233
ELECTRICIANS	712	648	30	-	5	25	34	-	20	26	423	225
PAINTERS, CONSTRUCTION AND MAINTENANCE	367	251	13	-	9	4	103	-	11	84	194	65
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	554	479	29	8	12	9	46	-	23	5	351	156
OTHER CONSTRUCTION TRADES	1 646	1 331	70	6	16	48	245	-	66	260	936	299
EXTRACTIVE OCCUPATIONS	47	47	-	-	-	-	-	-	-	-	25	22
PRECISION PRODUCTION OCCUPATIONS	5 468	5 148	204	57	34	113	112	4	53	206	2 467	2 604
SUPERVISORS, PRODUCTION OCCUPATIONS	2 909	2 807	72	14	16	42	30	-	-	50	1 277	1 520
MANUFACTURING	2 408	2 397	11	5	-	6	-	-	-	28	1 086	1 238
PRECISION METALWORKING OCCUPATIONS	1 604	1 572	16	11	5	-	12	4	31	83	735	716
TOOL AND DIE MAKERS	479	479	-	-	-	-	-	-	7	18	252	202
MACHINISTS	855	850	5	5	-	-	-	-	12	30	360	424
SHEET METAL WORKERS	123	111	-	-	-	-	12	-	12	26	51	29
OTHER PRECISION METAL WORKERS	147	132	11	6	5	-	-	4	-	9	72	61
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	32	24	-	-	-	-	8	-	7	-	20	5
PLANT AND SYSTEM OPERATORS	304	219	85	7	7	71	-	-	7	7	196	94
OTHER PRECISION PRODUCTION OCCUPATIONS	619	526	31	25	6	-	62	-	8	66	239	269

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

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

HAMILTON-MIDDLETOWN, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	18 732	17 591	817	244	150	423	316	8	483	1 817	9 629	6 039
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	9 332	9 079	202	71	46	85	51	-	109	494	5 328	3 094
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	6 436	6 238	157	49	46	62	41	-	98	325	3 617	2 168
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	1 490	1 485	-	-	-	-	5	-	17	66	810	550
PRINTING MACHINE OPERATORS	368	350	18	13	-	5	-	-	11	6	255	96
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	97	76	5	-	-	5	16	-	6	12	53	21
TEXTILE MACHINE OPERATORS	30	30	-	-	-	-	-	-	-	-	20	5
TEXTILE SEWING MACHINE OPERATORS	12	12	-	-	-	-	-	-	-	12	-	-
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	55	34	5	-	-	5	16	-	6	-	33	16
OTHER SPECIFIED MACHINE OPERATORS	2 078	2 001	57	12	21	24	20	-	20	164	1 129	698
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	2 403	2 326	77	24	25	28	-	-	44	77	1 370	803
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	1 481	1 428	53	14	11	28	-	-	6	26	805	558
MACHINE OPERATORS, NOT SPECIFIED	922	898	24	10	14	-	-	-	38	51	565	245
INDUSTRY:												
MANUFACTURING	2 300	2 243	57	24	5	28	-	-	32	75	1 314	770
NONDURABLE GOODS	1 202	1 178	24	-	5	19	-	-	20	21	635	475
FOOD AND KINDRED PRODUCTS	72	67	5	-	5	-	-	-	-	7	65	-
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	9	9	-	-	-	-	-	-	-	-	9	-
PAPER AND ALLIED PRODUCTS	948	941	7	-	-	7	-	-	13	-	455	440
OTHER NONDURABLE GOODS	173	161	12	-	-	12	-	-	7	14	106	35
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	1 098	1 065	33	24	-	9	-	-	12	54	679	295
METAL INDUSTRIES	513	513	-	-	-	-	-	-	12	27	376	64
MACHINERY, INCLUDING ELECTRICAL	190	190	-	-	-	-	-	-	-	6	80	104
TRANSPORTATION EQUIPMENT	325	292	33	24	-	9	-	-	-	21	185	105
OTHER DURABLE GOODS	70	70	-	-	-	-	-	-	-	-	38	22
NONMANUFACTURING INDUSTRIES	103	83	20	-	20	-	-	-	12	2	56	33
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	20	14	6	-	6	-	-	-	-	-	20	-
WHOLESALE AND RETAIL TRADE	24	24	-	-	-	-	-	-	-	-	7	17
ALL OTHER INDUSTRIES	59	45	14	-	14	-	-	-	12	2	29	16
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	2 220	2 189	21	10	-	11	10	-	5	138	1 321	694
WELDERS AND CUTTERS	996	979	12	7	-	5	5	-	-	64	589	323
ASSEMBLERS	1 157	1 146	9	3	-	6	2	-	5	74	700	344
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	67	64	-	-	-	-	3	-	-	-	32	27
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	676	652	24	12	-	12	-	-	6	31	390	232
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	5 378	4 855	308	100	51	157	207	8	134	499	2 458	2 003
MOTOR VEHICLE OPERATORS	3 352	2 959	185	6	31	148	200	8	128	372	1 156	1 535
TRUCK DRIVERS AND DRIVER-SALES WORKERS	3 126	2 796	122	6	31	85	200	8	94	360	1 057	1 454
BUS DRIVERS	110	65	45	-	-	45	-	-	-	12	47	51
RAIL AND WATER TRANSPORTATION OCCUPATIONS	396	330	66	66	-	-	-	-	-	7	262	112
MATERIAL MOVING EQUIPMENT OPERATORS	1 630	1 566	57	28	20	9	7	-	6	120	1 040	356
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	134	123	4	-	-	4	7	-	-	25	68	31
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	4 022	3 657	307	73	53	181	58	-	240	824	1 843	942
CONSTRUCTION LABORERS	572	494	78	-	18	60	-	-	36	166	241	91
FREIGHT, STOCK, AND MATERIAL HANDLERS	1 189	1 101	54	41	7	6	34	-	127	278	455	272
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	352	335	12	-	5	7	5	-	15	120	89	97
HAND PACKERS AND PACKAGERS	315	296	13	7	-	6	6	-	24	15	202	71
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	430	407	17	-	5	12	6	-	16	89	208	87
LABORERS, EXCEPT CONSTRUCTION	1 164	1 024	133	25	18	90	7	-	22	156	648	324
MANUFACTURING	680	668	12	7	-	5	-	-	-	59	403	210
NONDURABLE GOODS	195	188	7	7	-	-	-	-	-	22	78	90
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	485	480	5	-	-	5	-	-	-	37	325	120
METAL INDUSTRIES	361	356	5	-	-	5	-	-	-	25	258	75
NONMANUFACTURING INDUSTRIES	484	356	121	18	18	85	7	-	22	97	245	114
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	78	38	40	7	11	22	-	-	-	22	49	7
WHOLESALE AND RETAIL TRADE	217	217	-	-	-	-	-	-	16	34	93	68
ALL OTHER INDUSTRIES	189	101	81	11	7	63	7	-	6	41	103	39

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

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

HAMILTON-MIDDLETOWN, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS TOTAL	GOVERNMENT WORKERS FEDERAL	GOVERNMENT WORKERS STATE	GOVERNMENT WORKERS LOCAL	SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
FEMALES 16 YEARS AND OVER	43 758	34 119	8 217	701	3 053	4 463	1 207	215	4 166	9 805	22 811	5 389
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	8 696	4 824	3 573	168	894	2 511	268	31	710	1 633	4 529	1 583
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	2 759	2 092	515	69	201	245	121	31	145	318	1 523	706
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	58	-	58	12	5	41	-	-	-	5	47	6
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	148	39	109	-	60	49	-	-	15	25	72	36
MANAGERS, MEDICINE AND HEALTH	33	33	-	-	-	-	-	-	-	-	11	22
OTHER SPECIFIED MANAGERS	434	386	17	8	3	6	31	-	6	63	216	143
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	1 125	970	155	5	60	90	-	-	64	143	540	340
MANUFACTURING	83	83	-	-	-	-	-	-	-	7	41	35
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	46	41	5	5	-	-	-	-	-	-	30	16
WHOLESALE AND RETAIL TRADE	358	358	-	-	-	-	-	-	8	29	146	154
ALL OTHER INDUSTRIES	638	488	150	-	60	90	-	-	56	107	323	135
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	95	-	-	-	-	-	64	31	-	32	32	26
CONSTRUCTION	7	-	-	-	-	-	-	7	-	7	-	-
MANUFACTURING	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	39	-	-	-	-	-	28	11	-	12	7	20
ALL OTHER INDUSTRIES	49	-	-	-	-	-	36	13	-	13	25	6
MANAGEMENT RELATED OCCUPATIONS	866	664	176	44	73	59	26	-	60	50	605	133
ACCOUNTANTS AND AUDITORS	311	208	83	30	19	34	20	-	28	24	224	30
BUYERS AND PURCHASING AGENTS	119	117	2	-	2	-	-	-	6	-	99	14
PROFESSIONAL SPECIALTY OCCUPATIONS	5 937	2 732	3 058	99	693	2 266	147	-	565	1 315	3 006	877
ENGINEERS, ARCHITECTS, AND SURVEYORS	73	63	10	4	-	6	-	-	-	-	43	18
ARCHITECTS	5	5	-	-	-	-	-	-	-	-	5	-
ENGINEERS	68	58	10	4	-	6	-	-	-	-	38	18
ELECTRICAL AND ELECTRONIC ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-
MECHANICAL ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER ENGINEERS	68	58	10	4	-	6	-	-	-	-	38	18
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	31	31	-	-	-	-	-	-	-	-	31	-
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	25	25	-	-	-	-	-	-	-	-	25	-
NATURAL SCIENTISTS	73	57	16	16	-	-	-	-	6	10	45	12
HEALTH DIAGNOSING OCCUPATIONS	13	-	-	-	-	-	13	-	-	-	-	13
PHYSICIANS	13	-	-	-	-	-	13	-	-	-	-	13
DENTISTS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER HEALTH DIAGNOSING PRACTITIONERS	-	-	-	-	-	-	-	-	-	-	-	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	1 684	1 485	176	40	59	77	23	-	75	532	838	205
REGISTERED NURSES	1 437	1 321	116	26	26	64	-	-	40	485	705	180
PHARMACISTS	14	9	5	-	5	-	-	-	2	-	12	-
THERAPISTS	117	69	43	14	16	13	5	-	-	21	77	19
TEACHERS, LIBRARIANS, AND COUNSELORS	3 386	730	2 603	23	557	2 023	53	-	389	605	1 774	512
TEACHERS, POSTSECONDARY	442	94	348	5	343	-	-	-	96	157	108	75
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	2 020	415	1 605	6	60	1 539	-	-	147	266	1 270	264
TEACHERS, SECONDARY	408	53	355	6	-	349	-	-	34	32	211	110
SOCIAL SCIENTISTS AND URBAN PLANNERS	63	30	21	-	-	21	12	-	-	34	24	5
SOCIAL AND RECREATION WORKERS	212	48	164	16	29	119	-	-	11	60	98	41
RELIGIOUS WORKERS	26	21	-	-	-	-	5	-	17	-	4	5
LAWYERS AND JUDGES	20	8	-	-	-	-	12	-	6	2	4	8
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	356	259	68	-	48	20	29	-	61	72	145	58
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	20 913	17 606	2 702	443	1 136	1 123	472	133	1 724	4 424	11 786	2 361
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	1 297	1 080	204	33	133	38	13	-	100	335	651	127
HEALTH TECHNOLOGISTS AND TECHNICIANS	810	765	45	7	24	14	-	-	18	249	426	65
LICENSED PRACTICAL NURSES	436	423	13	7	-	6	-	-	15	168	187	27
ENGINEERING AND SCIENCE TECHNICIANS	267	191	69	19	50	-	7	-	46	42	135	32
ELECTRICAL AND ELECTRONIC TECHNICIANS	12	12	-	-	-	-	-	-	-	-	-	5
DRAFTING AND SURVEYING TECHNICIANS	32	30	-	-	-	-	2	-	-	2	24	6
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	220	124	90	7	59	24	6	-	36	44	90	30
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	65	53	6	-	6	-	6	-	-	12	35	12
SALES OCCUPATIONS	5 466	4 901	162	-	51	111	373	30	702	2 029	1 771	758
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	513	437	-	-	-	-	68	8	13	109	246	139
SELF-EMPLOYED	76	-	-	-	-	-	68	8	13	24	31	8
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	714	594	2	-	2	-	118	-	76	171	281	137
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	212	205	-	-	-	-	7	-	20	41	117	34
SALES WORKERS, RETAIL AND PERSONAL SERVICES	4 021	3 665	160	-	49	111	174	22	593	1 708	1 121	448
CASHIERS	2 051	1 886	131	-	26	105	18	16	263	856	598	253
SALES RELATED OCCUPATIONS	6	-	-	-	-	-	6	-	-	-	6	-

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

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

HAMILTON-MIDDLETOWN, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	14 150	11 625	2 336	410	952	974	86	103	922	2 060	9 364	1 476
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	424	370	44	14	16	14	-	10	-	39	290	88
COMPUTER EQUIPMENT OPERATORS	298	260	38	6	21	11	-	-	19	21	245	13
SECRETARIES, STENOGRAPHERS, AND TYPISTS	4 968	3 850	1 056	87	427	542	23	39	253	702	3 496	417
SECRETARIES	4 065	3 199	810	59	310	441	17	39	158	575	2 891	358
RECEPTIONISTS	480	402	78	6	46	26	-	-	58	110	282	23
FILE CLERKS	446	394	52	3	45	4	-	-	46	26	349	18
FINANCIAL RECORDS PROCESSING OCCUPATIONS	2 411	2 234	130	24	38	68	33	14	72	290	1 641	351
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	1 653	1 523	83	-	29	54	33	14	66	229	1 072	249
TELEPHONE OPERATORS	202	170	32	-	19	13	-	-	19	38	125	12
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	252	118	134	70	64	-	-	-	77	8	131	36
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	497	465	22	-	16	6	-	10	42	63	268	112
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	203	203	-	-	-	-	-	-	-	18	169	12
BANK TELLERS	481	464	17	17	-	-	-	-	13	111	326	21
DATA-ENTRY KEYERS	555	532	12	5	7	-	11	-	6	98	373	68
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	2 933	2 163	721	178	253	290	19	30	317	536	1 669	305
SERVICE OCCUPATIONS	8 842	6 949	1 549	64	934	551	329	15	1 535	2 952	3 247	755
PRIVATE HOUSEHOLD OCCUPATIONS	377	377	-	-	-	-	-	-	151	130	68	14
PROTECTIVE SERVICE OCCUPATIONS	108	59	49	3	34	12	-	-	26	22	36	24
FIREFIGHTING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
POLICE AND DETECTIVES, PUBLIC SERVICE	5	-	5	-	-	5	-	-	-	-	-	5
GUARDS	94	53	41	3	34	4	-	-	26	22	27	19
OTHER PROTECTIVE SERVICE OCCUPATIONS	9	6	3	-	-	3	-	-	-	-	9	-
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	8 357	6 513	1 500	61	900	539	329	15	1 358	2 800	3 143	717
FOOD PREPARATION AND SERVICE OCCUPATIONS	4 268	3 333	906	34	575	297	25	4	885	1 601	1 232	366
WAITERS AND FOOD COUNTER WORKERS	1 856	1 765	76	-	67	9	15	-	321	852	459	141
COOKS	1 081	859	218	-	87	131	-	4	87	335	470	144
HEALTH SERVICE OCCUPATIONS	1 633	1 489	139	9	51	79	-	5	61	322	984	165
NURSING AIDES, ORDERLIES, AND ATTENDANTS	1 177	1 044	133	9	51	73	-	-	56	205	742	97
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	1 305	1 106	193	5	102	86	6	-	177	400	621	64
PERSONAL SERVICE OCCUPATIONS	1 151	585	262	13	172	77	298	6	235	477	306	122
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	457	273	7	7	-	-	171	6	9	207	170	60
FARMING, FORESTRY, AND FISHING OCCUPATIONS	178	84	8	-	8	-	74	12	37	54	69	18
FARM OPERATORS AND MANAGERS	47	7	-	-	-	-	40	-	19	7	15	6
FARM OCCUPATIONS, EXCEPT MANAGERIAL	32	16	8	-	8	-	-	8	13	5	14	-
RELATED AGRICULTURAL OCCUPATIONS	99	61	-	-	-	-	34	4	5	42	40	12
FORESTRY AND FISHING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	763	681	28	7	6	15	43	11	18	105	442	145
MECHANICS AND REPAIRERS	121	109	5	-	-	5	7	-	-	7	81	23
AUTOMOBILE MECHANICS, INCLUDING BODY	7	7	-	-	-	-	-	-	-	-	7	-
AIRCRAFT MECHANICS	19	19	-	-	-	-	-	-	-	7	12	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER MECHANICS AND REPAIRERS	95	83	5	-	-	5	7	-	-	-	62	23
CONSTRUCTION TRADES	91	74	6	-	6	-	4	7	18	16	24	13
CARPENTERS	13	13	-	-	-	-	-	-	5	-	8	-
ELECTRICIANS	7	7	-	-	-	-	-	-	-	-	-	7
PAINTERS, CONSTRUCTION AND MAINTENANCE	27	18	-	-	-	-	2	7	-	13	10	4
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	14	14	-	-	-	-	-	-	-	-	6	-
OTHER CONSTRUCTION TRADES	30	22	6	-	6	-	2	-	13	3	-	2
EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	551	498	17	7	-	10	32	4	-	82	337	109
SUPERVISORS, PRODUCTION OCCUPATIONS	243	230	6	-	-	6	7	-	-	35	132	58
MANUFACTURING	139	133	6	-	-	6	-	-	-	-	86	35
PRECISION METALWORKING OCCUPATIONS	49	42	7	7	-	-	-	-	-	-	32	17
TOOL AND DIE MAKERS	16	16	-	-	-	-	-	-	-	-	16	-
MACHINISTS	25	18	7	7	-	-	-	-	-	-	16	9
SHEET METAL WORKERS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER PRECISION METAL WORKERS	8	8	-	-	-	-	-	-	-	-	-	8
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	77	59	-	-	-	-	18	-	-	22	48	7
PLANT AND SYSTEM OPERATORS	4	-	4	-	-	4	-	-	-	-	4	-
OTHER PRECISION PRODUCTION OCCUPATIONS	178	167	-	-	-	-	7	4	-	25	121	27

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

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

HAMILTON-MIDDLETOWN, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	4 366	3 975	357	19	75	263	21	13	142	637	2 738	527
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	2 700	2 589	90	12	40	38	21	-	62	234	1 888	334
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	1 612	1 513	78	7	40	31	21	-	35	155	1 127	184
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	178	172	6	-	-	6	-	-	-	10	119	15
PRINTING MACHINE OPERATORS	160	133	27	-	27	-	-	-	12	12	118	18
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	395	368	8	-	8	-	19	-	15	61	257	57
TEXTILE MACHINE OPERATORS	23	23	-	-	-	-	-	-	-	-	23	-
TEXTILE SEWING MACHINE OPERATORS	220	211	-	-	-	-	9	-	7	21	152	40
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	100	87	8	-	8	-	5	-	-	24	65	6
OTHER SPECIFIED MACHINE OPERATORS	335	323	12	7	5	-	-	-	-	23	237	38
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	544	517	25	-	-	25	2	-	8	49	396	56
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	273	258	13	-	-	13	2	-	8	41	157	40
MACHINE OPERATORS, NOT SPECIFIED	271	259	12	-	-	12	-	-	-	8	239	16
INDUSTRY:												
MANUFACTURING	488	481	7	-	-	7	-	-	-	38	359	56
NONDURABLE GOODS	298	291	7	-	-	7	-	-	-	31	215	41
FOOD AND KINDRED PRODUCTS	13	13	-	-	-	-	-	-	-	-	13	-
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	15	15	-	-	-	-	-	-	-	-	15	-
PAPER AND ALLIED PRODUCTS	93	86	7	-	-	7	-	-	-	-	82	11
OTHER NONDURABLE GOODS	177	177	-	-	-	-	-	-	-	31	105	30
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	190	190	-	-	-	-	-	-	-	7	144	15
METAL INDUSTRIES	44	44	-	-	-	-	-	-	-	-	36	-
MACHINERY, INCLUDING ELECTRICAL	49	49	-	-	-	-	-	-	-	7	42	-
TRANSPORTATION EQUIPMENT	32	32	-	-	-	-	-	-	-	-	25	7
OTHER DURABLE GOODS	65	65	-	-	-	-	-	-	-	-	41	8
NONMANUFACTURING INDUSTRIES	56	36	18	-	-	18	2	-	8	11	37	-
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	30	28	-	-	-	-	2	-	2	5	23	-
ALL OTHER INDUSTRIES	26	8	18	-	-	18	-	-	6	6	14	-
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	692	692	-	-	-	-	-	-	14	53	492	92
WELDERS AND CUTTERS	67	67	-	-	-	-	-	-	-	-	44	19
ASSEMBLERS	596	596	-	-	-	-	-	-	13	48	430	68
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	29	29	-	-	-	-	-	-	1	5	18	5
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	396	384	12	5	-	7	-	-	13	26	269	58
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	552	320	232	7	16	209	-	-	35	247	213	34
MOTOR VEHICLE OPERATORS	431	206	225	-	16	209	-	-	35	223	132	18
TRUCK DRIVERS AND DRIVER-SALES WORKERS	82	78	4	-	-	4	-	-	-	31	39	12
BUS DRIVERS	320	105	215	-	16	199	-	-	35	186	70	6
RAIL AND WATER TRANSPORTATION OCCUPATIONS	7	-	7	7	-	-	-	-	-	-	7	-
MATERIAL MOVING EQUIPMENT OPERATORS	114	114	-	-	-	-	-	-	-	24	74	16
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	1 114	1 066	35	-	19	16	-	13	45	156	637	159
CONSTRUCTION LABORERS	-	-	-	-	-	-	-	-	-	-	-	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	307	301	6	-	6	-	-	-	14	51	185	39
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	21	13	-	-	-	-	-	8	-	-	13	8
HAND PACKERS AND PACKAGERS	432	415	17	-	7	10	-	-	7	49	244	67
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	62	62	-	-	-	-	-	-	5	-	50	-
LABORERS, EXCEPT CONSTRUCTION	292	275	12	-	6	6	-	5	19	56	145	45
MANUFACTURING	163	163	-	-	-	-	-	-	-	19	91	33
NONDURABLE GOODS	115	115	-	-	-	-	-	-	-	-	71	33
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	48	48	-	-	-	-	-	-	-	19	20	-
METAL INDUSTRIES	25	25	-	-	-	-	-	-	-	19	6	-
NONMANUFACTURING INDUSTRIES	129	112	12	-	6	6	-	5	19	37	54	12
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	33	33	-	-	-	-	-	-	6	9	11	-
WHOLESALE AND RETAIL TRADE	85	79	6	-	-	6	-	-	7	23	43	12
ALL OTHER INDUSTRIES	11	-	6	-	6	-	-	5	6	5	-	-

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

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

HUNTINGTON-ASHLAND, WV-KY-OH SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS				SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
	TOTAL		TOTAL	FEDERAL	STATE	LOCAL						
TOTAL												
MALES 16 YEARS AND OVER	68 868	56 950	7 921	1 907	2 436	3 578	3 912	85	1 705	5 839	38 047	20 664
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	12 807	8 620	2 950	512	1 138	1 300	1 231	6	262	628	6 122	5 588
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	7 252	5 719	991	194	308	489	536	6	107	255	3 076	3 684
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	195	-	195	54	41	100	-	-	-	12	120	61
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	270	-	270	2	45	223	-	-	7	14	160	89
MANAGERS, MEDICINE AND HEALTH	60	45	15	2	13	-	-	-	-	5	23	32
OTHER SPECIFIED MANAGERS	1 152	1 017	72	30	16	26	63	-	19	16	433	658
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	3 623	3 415	208	45	78	85	-	-	73	90	1 368	2 036
MANUFACTURING	770	765	5	-	5	-	-	-	5	6	314	428
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	661	616	45	12	-	33	-	-	14	10	314	298
WHOLESALE AND RETAIL TRADE	1 148	1 136	12	5	7	-	-	-	39	44	277	774
ALL OTHER INDUSTRIES	1 044	898	146	28	66	52	-	-	15	30	463	536
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	356	-	-	-	-	-	356	-	-	49	136	158
CONSTRUCTION	50	-	-	-	-	-	50	-	-	12	21	17
MANUFACTURING	42	-	-	-	-	-	42	-	-	-	32	10
WHOLESALE AND RETAIL TRADE	110	-	-	-	-	-	110	-	-	17	21	63
ALL OTHER INDUSTRIES	154	-	-	-	-	-	154	-	-	20	62	68
MANAGEMENT RELATED OCCUPATIONS	1 596	1 242	231	61	115	55	117	6	8	69	836	650
ACCOUNTANTS AND AUDITORS	739	597	51	15	30	6	91	-	8	30	372	321
BUYERS AND PURCHASING AGENTS	254	205	17	7	-	10	26	6	-	11	125	100
PROFESSIONAL SPECIALTY OCCUPATIONS	5 555	2 901	1 959	318	830	811	695	-	155	373	3 046	1 904
ENGINEERS, ARCHITECTS, AND SURVEYORS	1 373	1 136	194	127	26	41	43	-	6	14	975	358
ARCHITECTS	28	28	-	-	-	-	-	-	-	-	15	13
ENGINEERS	1 303	1 074	194	127	26	41	35	-	6	14	925	338
ELECTRICAL AND ELECTRONIC ENGINEERS	239	219	20	7	6	7	-	-	6	-	180	46
MECHANICAL ENGINEERS	133	133	-	-	-	-	-	-	-	-	84	49
OTHER ENGINEERS	931	722	174	120	20	34	35	-	-	14	661	243
SURVEYORS AND MAPPING SCIENTISTS	42	34	-	-	-	-	8	-	-	-	35	7
MATHEMATICAL AND COMPUTER SCIENTISTS	104	92	12	12	-	-	-	-	-	-	82	22
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	41	41	-	-	-	-	-	-	-	-	19	22
NATURAL SCIENTISTS	224	166	50	31	19	-	8	-	-	8	128	83
HEALTH DIAGNOSING OCCUPATIONS	526	243	45	25	14	6	238	-	-	62	198	243
PHYSICIANS	240	140	26	12	8	6	74	-	-	10	58	162
DENTISTS	198	78	19	13	6	-	101	-	-	43	92	50
OTHER HEALTH DIAGNOSING PRACTITIONERS	88	25	-	-	-	-	63	-	-	9	48	31
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	291	174	104	55	26	23	13	-	10	23	158	100
REGISTERED NURSES	133	70	56	35	16	5	7	-	8	18	81	26
PHARMACISTS	86	72	8	8	-	-	6	-	2	-	37	47
THERAPISTS	40	12	28	12	8	8	-	-	-	-	33	7
TEACHERS, LIBRARIANS, AND COUNSELORS	1 456	164	1 287	25	571	691	5	-	73	170	780	423
TEACHERS, POSTSECONDARY	271	38	233	-	233	-	-	-	4	46	104	117
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	656	20	636	-	163	473	-	-	16	67	415	148
TEACHERS, SECONDARY	332	27	305	-	111	194	-	-	6	24	180	122
SOCIAL SCIENTISTS AND URBAN PLANNERS	110	72	36	9	19	8	2	-	6	-	63	41
SOCIAL AND RECREATION WORKERS	188	43	145	21	103	21	-	-	9	8	163	8
RELIGIOUS WORKERS	425	303	7	-	-	7	115	-	-	28	133	254
LAWYERS AND JUDGES	373	129	64	13	37	14	180	-	19	-	124	230
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	485	379	15	-	15	-	91	-	32	60	242	142
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	11 663	9 715	1 232	766	278	188	693	23	338	879	5 927	4 262
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	1 569	1 359	196	106	48	42	14	-	7	57	1 057	415
HEALTH TECHNOLOGISTS AND TECHNICIANS	157	104	53	17	15	21	-	-	-	5	110	42
LICENSED PRACTICAL NURSES	15	5	10	3	7	-	-	-	-	5	3	7
ENGINEERING AND SCIENCE TECHNICIANS	1 063	955	101	72	14	15	7	-	-	33	732	274
ELECTRICAL AND ELECTRONIC TECHNICIANS	156	143	13	13	-	-	-	-	-	-	104	43
DRAFTING AND SURVEYING TECHNICIANS	374	317	50	30	14	6	7	-	-	21	272	78
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	349	300	42	17	19	6	7	-	7	19	215	99
AIRPLANE PILOTS AND NAVIGATORS	47	47	-	-	-	-	-	-	-	7	17	23
COMPUTER PROGRAMMERS	97	85	5	-	5	-	7	-	-	7	59	22
SALES OCCUPATIONS	5 596	4 849	53	17	31	5	671	23	181	521	2 112	2 689
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 140	886	-	-	-	-	247	7	6	32	387	707
SELF-EMPLOYED	254	-	-	-	-	-	247	7	3	2	62	187
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	1 010	833	14	9	-	5	154	9	8	72	463	451
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	1 292	1 225	-	-	-	-	67	-	57	64	539	617
SALES WORKERS, RETAIL AND PERSONAL SERVICES	2 122	1 882	39	8	31	-	194	7	110	353	700	905
CASHIERS	345	299	22	-	22	-	17	7	16	131	100	98
SALES RELATED OCCUPATIONS	32	23	-	-	-	-	9	-	-	-	23	9

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

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

HUNTINGTON-ASHLAND, WV-KY-OH SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	4 498	3 507	983	643	199	141	8	-	150	301	2 758	1 158
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	558	450	108	70	25	13	-	-	6	6	339	194
COMPUTER EQUIPMENT OPERATORS	117	117	-	-	-	-	-	-	-	-	72	45
SECRETARIES, STENOGRAPHERS, AND TYPISTS	79	49	30	12	9	9	-	-	-	9	40	24
SECRETARIES	38	38	-	-	-	-	-	-	-	-	21	17
RECEPTIONISTS	11	11	-	-	-	-	-	-	-	-	11	-
FILE CLERKS	35	16	19	6	13	-	-	-	13	-	10	10
FINANCIAL RECORDS PROCESSING OCCUPATIONS	281	251	30	13	-	17	-	-	7	19	154	62
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	181	164	17	8	-	9	-	-	7	7	95	39
TELEPHONE OPERATORS	24	13	11	11	-	-	-	-	6	-	11	7
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	495	68	427	413	14	-	-	-	18	59	226	176
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	983	939	44	9	6	29	-	-	32	46	590	292
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	57	57	-	-	-	-	-	-	-	-	49	8
BANK TELLERS	67	58	9	6	-	3	-	-	-	10	50	7
DATA-ENTRY KEYERS	27	27	-	-	-	-	-	-	-	-	27	-
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	1 764	1 451	305	103	132	70	8	-	68	152	1 179	333
SERVICE OCCUPATIONS	5 390	3 491	1 717	248	456	1 013	182	-	352	881	2 771	1 181
PRIVATE HOUSEHOLD OCCUPATIONS	21	21	-	-	-	-	-	-	-	-	21	-
PROTECTIVE SERVICE OCCUPATIONS	1 360	499	861	111	159	591	-	-	32	150	593	541
FIREFIGHTING OCCUPATIONS	189	5	184	-	-	184	-	-	-	11	40	128
POLICE AND DETECTIVES, PUBLIC SERVICE	315	-	315	26	97	192	-	-	-	-	153	162
GUARDS	568	491	77	12	38	27	-	-	18	131	259	133
OTHER PROTECTIVE SERVICE OCCUPATIONS	288	3	285	73	24	188	-	-	14	8	141	118
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	4 009	2 971	856	137	297	422	182	-	320	731	2 157	640
FOOD PREPARATION AND SERVICE OCCUPATIONS	1 088	984	81	25	33	23	23	-	152	423	305	156
WAITERS AND FOOD COUNTER WORKERS	98	98	-	-	-	-	-	-	6	58	20	7
COOKS	518	501	11	6	-	5	6	-	62	218	143	56
HEALTH SERVICE OCCUPATIONS	193	104	77	21	36	20	12	-	6	23	150	14
NURSING AIDES, ORDERLIES, AND ATTENDANTS	170	97	61	14	34	13	12	-	6	23	139	2
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	2 287	1 594	659	91	197	371	34	-	112	182	1 577	318
PERSONAL SERVICE OCCUPATIONS	441	289	39	-	31	8	113	-	50	103	125	152
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	232	119	-	-	-	-	113	-	12	28	92	98
FARMING, FORESTRY, AND FISHING OCCUPATIONS	770	372	90	24	24	42	280	28	65	166	327	192
FARM OPERATORS AND MANAGERS	249	29	-	-	-	-	220	-	33	36	63	113
FARM OCCUPATIONS, EXCEPT MANAGERIAL	147	109	5	-	5	-	6	27	9	54	41	36
RELATED AGRICULTURAL OCCUPATIONS	251	167	69	9	19	41	14	1	17	49	168	9
FORESTRY AND FISHING OCCUPATIONS	123	67	16	15	-	1	40	-	6	27	55	34
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	16 593	14 677	746	184	217	345	1 142	28	219	1 164	10 180	4 287
MECHANICS AND REPAIRERS	5 707	5 071	284	60	78	146	352	-	49	227	3 563	1 623
AUTOMOBILE MECHANICS, INCLUDING BODY	1 237	928	97	24	33	40	212	-	21	103	632	438
AIRCRAFT MECHANICS	23	23	-	-	-	-	-	-	-	4	9	10
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	150	108	34	8	26	-	8	-	-	26	96	28
OTHER MECHANICS AND REPAIRERS	4 297	4 012	153	28	19	106	132	-	28	94	2 826	1 147
CONSTRUCTION TRADES	5 546	4 538	292	79	112	101	701	15	143	754	3 332	1 045
CARPENTERS	1 246	940	58	15	32	11	233	15	56	177	781	166
ELECTRICIANS	1 096	1 047	28	3	7	18	21	-	6	43	741	261
PAINTERS, CONSTRUCTION AND MAINTENANCE	343	219	39	2	16	21	85	-	28	61	207	34
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	675	591	50	6	21	23	34	-	8	67	429	116
OTHER CONSTRUCTION TRADES	2 186	1 741	117	53	36	28	328	-	45	406	1 174	468
EXTRACTIVE OCCUPATIONS	370	361	2	-	-	2	7	-	7	5	195	134
PRECISION PRODUCTION OCCUPATIONS	4 970	4 707	168	45	27	96	82	13	20	178	3 090	1 485
SUPERVISORS, PRODUCTION OCCUPATIONS	2 271	2 161	65	22	21	22	32	13	7	54	1 308	848
MANUFACTURING	1 720	1 702	12	5	7	-	6	-	5	20	1 040	622
PRECISION METALWORKING OCCUPATIONS	1 573	1 545	23	23	-	-	5	-	5	56	1 185	251
TOOL AND DIE MAKERS	99	99	-	-	-	-	-	-	-	7	66	20
MACHINISTS	1 111	1 100	11	11	-	-	-	-	5	27	841	188
SHEET METAL WORKERS	164	164	-	-	-	-	-	-	-	20	132	-
OTHER PRECISION METAL WORKERS	199	182	12	12	-	-	5	-	-	2	146	43
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	113	79	-	-	-	-	34	-	-	19	37	50
PLANT AND SYSTEM OPERATORS	450	378	72	-	-	72	-	-	-	5	281	119
OTHER PRECISION PRODUCTION OCCUPATIONS	563	544	8	-	6	2	11	-	8	44	279	217

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

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HUNTINGTON-ASHLAND, WV-KY-OH SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS				SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
			TOTAL	FEDERAL	STATE	LOCAL						
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	21 645	20 075	1 186	173	323	690	384	-	469	2 121	12 720	5 154
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	7 757	7 538	147	38	63	46	72	-	86	390	5 188	1 585
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	4 925	4 781	87	18	34	35	57	-	61	226	3 326	1 019
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	837	837	-	-	-	-	-	-	6	41	605	150
PRINTING MACHINE OPERATORS	148	137	8	-	2	6	3	-	6	3	85	54
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	218	191	14	-	14	-	13	-	8	16	105	60
TEXTILE MACHINE OPERATORS	4	4	-	-	-	-	-	-	-	-	2	2
TEXTILE SEWING MACHINE OPERATORS	29	29	-	-	-	-	-	-	-	-	18	11
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	85	58	14	-	14	-	13	-	8	7	28	40
OTHER SPECIFIED MACHINE OPERATORS	1 981	1 896	54	9	16	29	31	-	15	75	1 301	444
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	1 741	1 720	11	9	2	-	10	-	26	91	1 230	311
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	504	498	-	-	-	-	6	-	-	32	332	117
MACHINE OPERATORS, NOT SPECIFIED	1 237	1 222	11	9	2	-	4	-	26	59	898	194
INDUSTRY:												
MANUFACTURING	1 440	1 432	-	-	-	-	8	-	26	74	1 031	236
NONDURABLE GOODS	329	329	-	-	-	-	-	-	10	11	208	69
FOOD AND KINDRED PRODUCTS	12	12	-	-	-	-	-	-	-	3	4	5
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	-	-	-	-	-	-	-	-	-	-	-	-
PAPER AND ALLIED PRODUCTS	11	11	-	-	-	-	-	-	-	-	4	7
OTHER NONDURABLE GOODS	306	306	-	-	-	-	-	-	10	8	200	57
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	1 111	1 103	-	-	-	-	8	-	16	63	823	167
METAL INDUSTRIES	706	706	-	-	-	-	-	-	14	50	514	95
MACHINERY, INCLUDING ELECTRICAL	53	49	-	-	-	-	4	-	-	4	36	13
TRANSPORTATION EQUIPMENT	85	83	-	-	-	-	2	-	-	-	76	9
OTHER DURABLE GOODS	267	265	-	-	-	-	2	-	2	9	197	50
NONMANUFACTURING INDUSTRIES	301	288	11	9	2	-	2	-	-	17	199	75
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	199	190	9	9	-	-	-	-	-	3	149	39
WHOLESALE AND RETAIL TRADE	34	34	-	-	-	-	-	-	-	8	9	17
ALL OTHER INDUSTRIES	68	64	2	-	2	-	2	-	-	6	41	19
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	2 243	2 176	52	20	27	5	15	-	17	137	1 482	432
WELDERS AND CUTTERS	1 774	1 737	35	11	19	5	2	-	17	115	1 177	325
ASSEMBLERS	329	321	8	2	6	-	-	-	-	22	202	83
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	140	118	9	7	2	-	13	-	-	-	103	24
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	589	581	8	-	2	6	-	-	8	27	380	134
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	7 392	6 524	619	61	127	431	249	-	127	554	3 765	2 604
MOTOR VEHICLE OPERATORS	3 638	2 915	526	28	112	386	197	-	101	412	1 524	1 443
TRUCK DRIVERS AND DRIVER-SALES WORKERS	3 189	2 761	233	18	59	156	195	-	82	324	1 327	1 315
BUS DRIVERS	282	23	259	5	53	201	-	-	7	81	120	67
RAIL AND WATER TRANSPORTATION OCCUPATIONS	1 431	1 415	14	14	-	-	2	-	16	28	688	641
MATERIAL MOVING EQUIPMENT OPERATORS	2 323	2 194	79	19	15	45	50	-	10	114	1 553	520
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	304	255	29	-	6	23	20	-	2	33	176	78
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	6 496	6 013	420	74	133	213	63	-	256	1 177	3 767	965
CONSTRUCTION LABORERS	974	836	138	9	86	43	-	-	46	198	558	118
FREIGHT, STOCK, AND MATERIAL HANDLERS	1 651	1 545	86	6	2	78	20	-	87	556	752	191
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	448	408	24	-	15	9	16	-	10	134	214	90
HAND PACKERS AND PACKAGERS	132	125	7	7	-	-	-	-	9	14	69	27
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	788	743	30	12	13	5	15	-	51	68	505	145
LABORERS, EXCEPT CONSTRUCTION	2 503	2 356	135	40	17	78	12	-	53	207	1 669	394
MANUFACTURING	1 384	1 376	8	8	-	-	-	-	19	87	989	200
NONDURABLE GOODS	294	286	8	8	-	-	-	-	7	33	175	42
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	1 090	1 090	-	-	-	-	-	-	12	54	814	158
METAL INDUSTRIES	744	744	-	-	-	-	-	-	12	44	515	140
NONMANUFACTURING INDUSTRIES	1 119	980	127	32	17	78	12	-	34	120	680	194
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	551	506	45	-	-	45	-	-	7	29	383	75
WHOLESALE AND RETAIL TRADE	348	336	-	-	-	-	12	-	19	26	184	90
ALL OTHER INDUSTRIES	220	138	82	32	17	33	-	-	8	65	113	29

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

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

HUNTINGTON-ASHLAND, WV-KY-OH SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
FEMALES 16 YEARS AND OVER	41 985	30 675	9 600	1 281	3 192	5 127	1 399	311	2 518	9 022	24 746	4 327
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	9 028	4 191	4 423	318	1 258	2 847	354	60	412	1 250	5 901	1 241
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	2 602	1 831	560	127	168	265	165	46	61	356	1 632	506
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	167	-	167	12	40	115	-	-	3	48	98	7
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	122	9	113	-	63	50	-	-	-	8	66	48
MANAGERS, MEDICINE AND HEALTH	48	26	15	8	7	-	-	7	-	-	42	6
OTHER SPECIFIED MANAGERS	362	266	75	59	4	12	21	-	7	55	236	57
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	1 059	967	92	10	15	67	-	-	29	142	634	251
MANUFACTURING	46	46	-	-	-	-	-	-	-	6	27	13
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	47	47	-	-	-	-	-	-	-	-	35	12
WHOLESALE AND RETAIL TRADE	400	400	-	-	-	-	-	-	13	42	192	150
ALL OTHER INDUSTRIES	566	474	92	10	15	67	-	-	16	94	380	76
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	156	-	-	-	-	-	125	31	-	33	80	41
CONSTRUCTION	12	-	-	-	-	-	5	7	-	5	-	7
MANUFACTURING	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	88	-	-	-	-	-	71	17	-	9	67	12
ALL OTHER INDUSTRIES	56	-	-	-	-	-	49	7	-	19	13	22
MANAGEMENT RELATED OCCUPATIONS	688	563	98	38	39	21	19	8	22	70	476	96
ACCOUNTANTS AND AUDITORS	373	305	41	14	14	13	19	8	10	40	249	62
BUYERS AND PURCHASING AGENTS	91	84	7	7	-	-	-	-	5	17	62	7
PROFESSIONAL SPECIALTY OCCUPATIONS	6 426	2 360	3 863	191	1 090	2 582	189	14	351	894	4 269	735
ENGINEERS, ARCHITECTS, AND SURVEYORS	37	37	-	-	-	-	-	-	-	11	20	6
ARCHITECTS	-	-	-	-	-	-	-	-	-	-	-	-
ENGINEERS	37	37	-	-	-	-	-	-	-	11	20	6
ELECTRICAL AND ELECTRONIC ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-
MECHANICAL ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER ENGINEERS	37	37	-	-	-	-	-	-	-	11	20	6
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	13	12	1	-	-	1	-	-	-	-	13	-
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	6	6	-	-	-	-	-	-	-	-	6	-
NATURAL SCIENTISTS	23	12	11	7	4	-	-	-	-	4	11	8
HEALTH DIAGNOSING OCCUPATIONS	61	27	34	-	33	1	-	-	-	6	26	20
PHYSICIANS	58	24	34	-	33	1	-	-	-	6	23	20
DENTISTS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER HEALTH DIAGNOSING PRACTITIONERS	3	3	-	-	-	-	-	-	-	-	3	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	1 738	1 316	366	74	93	199	56	-	31	274	1 175	194
REGISTERED NURSES	1 487	1 169	268	69	71	128	50	-	29	233	1 001	178
PHARMACISTS	45	36	9	-	3	6	-	-	-	15	25	5
THERAPISTS	112	49	63	5	7	51	-	-	2	9	86	10
TEACHERS, LIBRARIANS, AND COUNSELORS	3 667	507	3 091	40	765	2 286	69	-	266	479	2 451	377
TEACHERS, POSTSECONDARY	207	31	176	-	168	8	-	-	6	62	82	57
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	2 245	241	2 001	6	351	1 644	3	-	118	200	1 639	215
TEACHERS, SECONDARY	672	53	619	-	164	455	-	-	42	72	482	55
SOCIAL SCIENTISTS AND URBAN PLANNERS	40	20	12	-	5	7	8	-	8	-	25	7
SOCIAL AND RECREATION WORKERS	345	72	267	30	154	83	6	-	-	20	293	28
RELIGIOUS WORKERS	47	39	-	-	-	-	8	-	-	13	26	8
LAWYERS AND JUDGES	36	9	20	12	8	-	7	-	-	2	22	12
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	419	309	61	28	28	5	35	14	46	85	207	75
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	19 432	15 718	3 090	748	1 156	1 186	432	192	1 116	4 085	11 862	1 882
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	1 631	1 324	283	59	82	142	24	-	42	217	1 159	148
HEALTH TECHNOLOGISTS AND TECHNICIANS	1 242	1 057	161	41	41	79	24	-	33	192	872	93
LICENSED PRACTICAL NURSES	666	563	79	22	15	42	24	-	11	94	467	42
ENGINEERING AND SCIENCE TECHNICIANS	183	162	21	7	10	4	-	-	-	13	161	9
ELECTRICAL AND ELECTRONIC TECHNICIANS	10	6	4	-	-	4	-	-	-	-	10	-
DRAFTING AND SURVEYING TECHNICIANS	59	47	12	7	5	-	-	-	-	13	46	-
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	206	105	101	11	31	59	-	-	9	12	126	46
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	28	28	-	-	-	-	-	-	-	3	7	12
SALES OCCUPATIONS	5 367	4 920	62	7	42	13	345	40	458	1 877	2 213	627
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	444	315	-	-	-	-	122	7	-	70	221	151
SELF-EMPLOYED	129	-	-	-	-	-	122	7	-	32	32	63
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	422	363	-	-	-	-	54	5	34	89	198	76
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	176	148	-	-	-	-	21	7	13	57	71	29
SALES WORKERS, RETAIL AND PERSONAL SERVICES	4 318	4 090	62	7	42	13	145	21	408	1 661	1 719	371
CASHIERS	1 946	1 863	51	7	33	11	16	16	109	811	792	158
SALES RELATED OCCUPATIONS	7	4	-	-	-	-	3	-	3	-	4	-

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

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

HUNTINGTON-ASHLAND, WV-KY-OH SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	12 434	9 474	2 745	682	1 032	1 031	63	152	616	1 991	8 490	1 107
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	416	277	130	41	46	43	7	2	6	28	315	61
COMPUTER EQUIPMENT OPERATORS	227	209	18	12	6	-	-	-	7	15	186	19
SECRETARIES, STENOGRAPHERS, AND TYPISTS	4 320	3 061	1 171	182	489	500	10	78	264	693	2 994	312
SECRETARIES	3 650	2 669	900	128	364	408	10	71	207	608	2 519	261
RECEPTIONISTS	503	411	85	26	30	29	-	7	41	108	293	57
FILE CLERKS	153	121	21	2	12	7	6	5	-	75	72	6
FINANCIAL RECORDS PROCESSING OCCUPATIONS	2 089	1 788	232	26	53	153	33	36	65	267	1 489	230
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	1 652	1 431	152	15	42	95	33	36	60	248	1 132	192
TELEPHONE OPERATORS	216	189	27	-	19	8	-	-	7	52	118	30
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	189	52	137	124	7	6	-	-	12	38	88	45
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	322	293	29	14	6	9	-	-	-	54	224	35
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	19	19	-	-	-	-	-	-	-	5	10	4
BANK TELLERS	545	528	17	7	7	3	-	-	16	57	442	28
DATA-ENTRY KEYERS	249	209	40	17	16	7	-	-	4	27	202	16
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	3 186	2 317	838	231	341	266	7	24	194	572	2 057	264
SERVICE OCCUPATIONS	8 922	6 656	1 803	154	692	957	421	42	796	2 785	4 216	795
PRIVATE HOUSEHOLD OCCUPATIONS	610	610	-	-	-	-	-	-	164	188	198	39
PROTECTIVE SERVICE OCCUPATIONS	164	80	75	8	31	36	9	-	21	49	90	4
FIREFIGHTING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
POLICE AND DETECTIVES, PUBLIC SERVICE	11	-	11	-	-	11	-	-	-	-	11	-
GUARDS	127	80	38	8	21	9	9	-	21	38	64	4
OTHER PROTECTIVE SERVICE OCCUPATIONS	26	-	26	-	10	16	-	-	-	11	15	-
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	8 148	5 966	1 728	146	661	921	412	42	611	2 548	3 928	752
FOOD PREPARATION AND SERVICE OCCUPATIONS	3 517	2 898	589	42	129	418	6	24	190	1 418	1 459	292
WAITERS AND FOOD COUNTER WORKERS	1 502	1 469	12	7	-	5	2	19	151	693	487	118
COOKS	1 383	929	447	11	84	352	2	5	24	508	662	114
HEALTH SERVICE OCCUPATIONS	2 086	1 626	421	39	230	152	23	16	123	322	1 385	200
NURSING AIDES, ORDERLIES, AND ATTENDANTS	1 665	1 249	383	25	224	134	23	10	94	247	1 106	170
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	1 260	848	390	34	162	194	22	-	180	354	594	79
PERSONAL SERVICE OCCUPATIONS	1 285	594	328	31	140	157	361	2	118	454	490	181
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	566	302	-	-	-	-	264	-	31	231	176	101
FARMING, FORESTRY, AND FISHING OCCUPATIONS	186	127	16	-	3	13	41	2	14	56	91	19
FARM OPERATORS AND MANAGERS	66	12	13	-	-	13	41	-	7	28	19	12
FARM OCCUPATIONS, EXCEPT MANAGERIAL	53	51	-	-	-	-	-	2	7	13	26	7
RELATED AGRICULTURAL OCCUPATIONS	60	58	2	-	2	-	-	-	-	15	40	-
FORESTRY AND FISHING OCCUPATIONS	7	6	1	-	1	-	-	-	-	-	6	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	797	649	36	23	7	6	107	5	10	137	497	118
MECHANICS AND REPAIRERS	76	76	-	-	-	-	-	-	-	3	71	2
AUTOMOBILE MECHANICS, INCLUDING BODY	-	-	-	-	-	-	-	-	-	-	-	-
AIRCRAFT MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER MECHANICS AND REPAIRERS	76	76	-	-	-	-	-	-	-	3	71	2
CONSTRUCTION TRADES	117	67	20	18	-	2	25	5	4	23	74	7
CARPENTERS	28	13	9	9	-	-	6	-	2	6	13	7
ELECTRICIANS	26	19	-	-	-	-	7	-	-	7	19	-
PAINTERS, CONSTRUCTION AND MAINTENANCE	14	4	4	2	-	2	6	-	2	2	8	-
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	15	15	-	-	-	-	-	-	-	-	15	-
OTHER CONSTRUCTION TRADES	34	16	7	7	-	-	6	5	-	8	19	-
EXTRACTIVE OCCUPATIONS	2	2	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	602	504	16	5	7	4	82	-	6	111	352	109
SUPERVISORS, PRODUCTION OCCUPATIONS	255	232	11	-	7	4	12	-	-	13	187	53
MANUFACTURING	165	165	-	-	-	-	-	-	-	-	128	35
PRECISION METALWORKING OCCUPATIONS	34	22	5	5	-	-	7	-	-	9	25	-
TOOL AND DIE MAKERS	-	-	-	-	-	-	-	-	-	-	-	-
MACHINISTS	20	15	5	5	-	-	-	-	-	2	18	-
SHEET METAL WORKERS	7	7	-	-	-	-	-	-	-	-	7	-
OTHER PRECISION METAL WORKERS	7	-	-	-	-	-	7	-	-	7	-	-
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	160	116	-	-	-	-	44	-	6	44	79	25
PLANT AND SYSTEM OPERATORS	2	2	-	-	-	-	-	-	-	-	-	-
OTHER PRECISION PRODUCTION OCCUPATIONS	151	132	-	-	-	-	19	-	-	45	61	31

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

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

HUNTINGTON-ASHLAND, WV-KY-OH SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	3 620	3 334	232	38	76	118	44	10	170	709	2 179	272
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	2 506	2 439	33	-	23	10	29	5	68	408	1 639	194
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	1 787	1 720	33	-	23	10	29	5	58	343	1 136	122
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	18	18	-	-	-	-	-	-	-	-	4	7
PRINTING MACHINE OPERATORS	30	22	8	-	8	-	-	-	-	8	22	-
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	1 181	1 144	25	-	15	10	7	5	45	248	720	76
TEXTILE MACHINE OPERATORS	11	4	-	-	-	-	7	-	-	7	4	-
TEXTILE SEWING MACHINE OPERATORS	757	757	-	-	-	-	-	-	37	147	454	48
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	193	165	23	-	15	8	-	5	8	39	111	21
OTHER SPECIFIED MACHINE OPERATORS	157	157	-	-	-	-	-	-	-	25	107	13
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	401	379	-	-	-	-	22	-	13	62	283	26
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	204	182	-	-	-	-	22	-	10	45	129	8
MACHINE OPERATORS, NOT SPECIFIED	197	197	-	-	-	-	-	-	3	17	154	18
INDUSTRY:												
MANUFACTURING	326	326	-	-	-	-	-	-	3	42	238	26
NONDURABLE GOODS	142	142	-	-	-	-	-	-	3	5	122	12
FOOD AND KINDRED PRODUCTS	6	6	-	-	-	-	-	-	-	-	6	-
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	80	80	-	-	-	-	-	-	-	-	80	-
PAPER AND ALLIED PRODUCTS	3	3	-	-	-	-	-	-	3	-	-	-
OTHER NONDURABLE GOODS	53	53	-	-	-	-	-	-	-	5	36	12
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	184	184	-	-	-	-	-	-	-	37	116	14
METAL INDUSTRIES	2	2	-	-	-	-	-	-	-	-	-	2
MACHINERY, INCLUDING ELECTRICAL	10	10	-	-	-	-	-	-	-	-	10	-
TRANSPORTATION EQUIPMENT	20	20	-	-	-	-	-	-	-	-	12	8
OTHER DURABLE GOODS	152	152	-	-	-	-	-	-	-	37	94	4
NONMANUFACTURING INDUSTRIES	75	53	-	-	-	-	22	-	10	20	45	-
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	2	2	-	-	-	-	-	-	-	-	2	-
WHOLESALE AND RETAIL TRADE	53	31	-	-	-	-	22	-	10	20	23	-
ALL OTHER INDUSTRIES	20	20	-	-	-	-	-	-	-	-	20	-
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	176	176	-	-	-	-	-	-	-	18	107	34
WELDERS AND CUTTERS	31	31	-	-	-	-	-	-	-	7	18	-
ASSEMBLERS	115	115	-	-	-	-	-	-	-	9	65	32
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	30	30	-	-	-	-	-	-	-	2	24	2
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	543	543	-	-	-	-	-	-	10	47	396	38
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	317	147	163	28	33	102	7	-	23	148	100	13
MOTOR VEHICLE OPERATORS	259	89	163	28	33	102	7	-	23	148	62	6
TRUCK DRIVERS AND DRIVER-SALES WORKERS	76	55	14	7	-	7	7	-	7	22	40	-
BUS DRIVERS	156	28	128	-	33	95	-	-	16	103	18	6
RAIL AND WATER TRANSPORTATION OCCUPATIONS	22	22	-	-	-	-	-	-	-	-	9	-
MATERIAL MOVING EQUIPMENT OPERATORS	36	36	-	-	-	-	-	-	-	-	29	7
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	797	748	36	10	20	6	8	5	79	153	440	65
CONSTRUCTION LABORERS	2	-	2	2	-	-	-	-	-	-	-	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	201	176	20	-	20	-	-	5	29	29	124	11
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	22	22	-	-	-	-	-	-	-	-	15	-
HAND PACKERS AND PACKAGERS	238	230	-	-	-	-	8	-	19	52	144	14
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	20	20	-	-	-	-	-	-	-	8	12	-
LABORERS, EXCEPT CONSTRUCTION	314	300	14	8	-	6	-	-	31	64	145	40
MANUFACTURING	176	176	-	-	-	-	-	-	12	33	64	33
NONDURABLE GOODS	70	70	-	-	-	-	-	-	-	14	28	10
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	106	106	-	-	-	-	-	-	12	19	36	23
METAL INDUSTRIES	47	47	-	-	-	-	-	-	5	13	18	2
NONMANUFACTURING INDUSTRIES	138	124	14	8	-	6	-	-	19	31	81	7
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	25	19	6	6	-	-	-	-	-	6	19	-
WHOLESALE AND RETAIL TRADE	76	76	-	-	-	-	-	-	19	15	35	7
ALL OTHER INDUSTRIES	37	29	8	2	-	6	-	-	-	10	27	-

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

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

LORAIN-ELYRIA, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS TOTAL	FEDERAL	STATE	LOCAL	SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
MALES 16 YEARS AND OVER	67 369	57 344	6 684	1 807	477	4 400	3 262	79	1 968	5 189	38 043	20 360
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	11 906	8 576	2 480	309	194	1 977	848	2	193	512	5 900	5 089
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	6 200	4 994	780	129	110	541	424	2	50	212	2 870	2 954
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	152	-	152	29	11	112	-	-	-	9	82	61
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	303	82	221	5	14	202	-	-	7	7	128	161
MANAGERS, MEDICINE AND HEALTH	35	28	7	-	-	7	-	-	5	-	27	3
OTHER SPECIFIED MANAGERS	1 221	1 120	71	23	8	40	30	-	5	23	553	624
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	2 843	2 741	102	29	22	51	-	-	22	96	1 165	1 489
MANUFACTURING	1 011	1 011	-	-	-	-	-	-	18	19	441	509
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	314	258	56	29	6	21	-	-	-	-	165	142
WHOLESALE AND RETAIL TRADE	690	690	-	-	-	-	-	-	-	48	221	402
ALL OTHER INDUSTRIES	828	782	46	-	16	30	-	-	4	29	338	436
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	305	-	-	-	-	-	303	2	-	42	63	187
CONSTRUCTION	49	-	-	-	-	-	49	-	-	20	15	14
MANUFACTURING	37	-	-	-	-	-	37	-	-	-	7	30
WHOLESALE AND RETAIL TRADE	111	-	-	-	-	-	109	2	-	-	21	77
ALL OTHER INDUSTRIES	108	-	-	-	-	-	108	-	-	22	20	66
MANAGEMENT RELATED OCCUPATIONS	1 341	1 023	227	43	55	129	91	-	11	35	852	429
ACCOUNTANTS AND AUDITORS	481	384	44	16	-	28	53	-	5	30	269	177
BUYERS AND PURCHASING AGENTS	200	166	21	-	-	21	13	-	-	-	131	69
PROFESSIONAL SPECIALTY OCCUPATIONS	5 706	3 582	1 700	180	84	1 436	424	-	143	300	3 030	2 135
ENGINEERS, ARCHITECTS, AND SURVEYORS	1 718	1 560	142	71	5	66	16	-	-	31	1 157	510
ARCHITECTS	50	50	-	-	-	-	-	-	-	-	24	26
ENGINEERS	1 646	1 488	142	71	5	66	16	-	-	31	1 117	478
ELECTRICAL AND ELECTRONIC ENGINEERS	233	225	8	8	-	-	-	-	-	18	121	80
MECHANICAL ENGINEERS	345	332	13	13	-	-	-	-	-	2	234	103
OTHER ENGINEERS	1 068	931	121	50	5	66	16	-	-	11	762	295
SURVEYORS AND MAPPING SCIENTISTS	22	22	-	-	-	-	-	-	-	-	16	6
MATHEMATICAL AND COMPUTER SCIENTISTS	144	95	49	40	-	9	-	-	-	11	82	38
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	102	59	43	34	-	9	-	-	-	-	68	27
NATURAL SCIENTISTS	135	86	49	34	-	15	-	-	-	-	116	19
HEALTH DIAGNOSING OCCUPATIONS	513	312	5	-	-	5	196	-	5	58	157	289
PHYSICIANS	294	227	5	-	-	5	62	-	5	25	41	223
DENTISTS	105	52	-	-	-	-	53	-	-	18	52	31
OTHER HEALTH DIAGNOSING PRACTITIONERS	114	33	-	-	-	-	81	-	-	15	64	35
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	192	172	17	-	7	10	3	-	-	14	88	90
REGISTERED NURSES	33	28	5	-	-	5	-	-	-	7	4	22
PHARMACISTS	123	120	-	-	-	-	3	-	-	7	48	68
THERAPISTS	36	24	12	-	7	5	-	-	-	-	36	-
TEACHERS, LIBRARIANS, AND COUNSELORS	1 831	543	1 282	15	58	1 209	6	-	96	104	938	652
TEACHERS, POSTSECONDARY	295	235	60	-	21	39	-	-	19	32	98	124
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	688	85	603	-	10	593	-	-	17	61	369	236
TEACHERS, SECONDARY	575	74	501	-	12	489	-	-	12	-	331	218
SOCIAL SCIENTISTS AND URBAN PLANNERS	92	59	6	-	-	6	27	-	6	5	46	35
SOCIAL AND RECREATION WORKERS	158	45	113	-	7	106	-	-	-	9	97	45
RELIGIOUS WORKERS	262	233	-	-	-	-	29	-	8	-	58	190
LAWYERS AND JUDGES	244	104	18	6	7	5	122	-	-	21	75	148
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	417	373	19	14	-	5	25	-	28	47	216	119
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	10 212	8 243	1 373	1 082	78	213	580	16	376	729	5 340	3 533
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	1 973	1 286	675	598	12	65	12	-	42	81	1 356	448
HEALTH TECHNOLOGISTS AND TECHNICIANS	121	109	12	-	-	12	-	-	-	7	64	43
LICENSED PRACTICAL NURSES	12	12	-	-	-	-	-	-	-	-	5	-
ENGINEERING AND SCIENCE TECHNICIANS	1 036	904	127	72	12	43	5	-	28	62	652	279
ELECTRICAL AND ELECTRONIC TECHNICIANS	284	192	87	63	12	12	5	-	-	27	172	83
DRAFTING AND SURVEYING TECHNICIANS	259	247	12	-	-	12	-	-	6	19	144	77
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	816	273	536	526	-	10	7	-	14	12	640	126
AIRPLANE PILOTS AND NAVIGATORS	73	64	9	9	-	-	-	-	14	-	32	21
COMPUTER PROGRAMMERS	98	98	-	-	-	-	-	-	-	-	34	59
SALES OCCUPATIONS	4 321	3 750	35	12	23	-	529	7	232	345	1 581	2 073
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	989	803	5	5	-	-	174	7	4	16	242	702
SELF-EMPLOYED	181	-	-	-	-	-	174	7	4	-	49	114
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	898	702	-	-	-	-	196	-	71	71	394	330
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	887	863	-	-	-	-	24	-	-	22	516	342
SALES WORKERS, RETAIL AND PERSONAL SERVICES	1 543	1 378	30	7	23	-	135	-	157	236	429	695
CASHIERS	118	105	7	-	7	-	6	-	13	24	45	30
SALES RELATED OCCUPATIONS	4	4	-	-	-	-	-	-	-	-	-	4

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

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

LORAIN-ELYRIA, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS TOTAL	FEDERAL	STATE	LOCAL	SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	3 918	3 207	663	472	43	148	39	9	102	303	2 403	1 012
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	473	366	102	76	12	14	5	-	-	5	286	176
COMPUTER EQUIPMENT OPERATORS	94	94	-	-	-	-	-	-	-	-	58	25
SECRETARIES, STENOGRAPHERS, AND TYPISTS	57	38	19	6	-	13	-	-	6	6	31	14
SECRETARIES	24	24	-	-	-	-	-	-	-	-	16	8
RECEPTIONISTS	13	13	-	-	-	-	-	-	13	-	-	-
FILE CLERKS	47	47	-	-	-	-	-	-	18	8	8	13
FINANCIAL RECORDS PROCESSING OCCUPATIONS	209	153	56	19	15	22	-	-	8	24	131	46
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	134	99	35	19	-	16	-	-	-	16	85	33
TELEPHONE OPERATORS	6	6	-	-	-	-	-	-	-	-	6	-
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	413	70	336	336	-	-	7	-	11	41	207	146
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	1 106	1 082	24	-	-	24	-	-	6	107	782	198
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	67	59	-	-	-	-	8	-	-	-	43	16
BANK TELLERS	24	24	-	-	-	-	-	-	-	-	19	5
DATA-ENTRY KEYERS	12	12	-	-	-	-	-	-	-	-	12	-
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	1 397	1 243	126	35	16	75	19	9	40	112	820	373
SERVICE OCCUPATIONS	4 573	3 121	1 273	77	57	1 139	170	9	522	804	1 969	1 120
PRIVATE HOUSEHOLD OCCUPATIONS	9	9	-	-	-	-	-	-	-	7	2	-
PROTECTIVE SERVICE OCCUPATIONS	1 276	443	833	30	18	785	-	-	24	108	578	551
FIREFIGHTING OCCUPATIONS	292	-	292	-	-	292	-	-	-	-	57	235
POLICE AND DETECTIVES, PUBLIC SERVICE	350	-	350	18	-	332	-	-	-	5	184	161
GUARDS	455	395	60	12	-	48	-	-	24	103	215	100
OTHER PROTECTIVE SERVICE OCCUPATIONS	179	48	131	-	18	113	-	-	-	-	122	55
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	3 288	2 669	440	47	39	354	170	9	498	689	1 389	569
FOOD PREPARATION AND SERVICE OCCUPATIONS	1 025	969	14	-	-	14	33	9	295	364	203	111
WAITERS AND FOOD COUNTER WORKERS	113	111	-	-	-	-	2	-	49	57	5	2
COOKS	315	306	-	-	-	-	-	9	59	114	89	28
HEALTH SERVICE OCCUPATIONS	62	46	16	-	9	7	-	-	10	17	35	-
NURSING AIDES, ORDERLIES, AND ATTENDANTS	50	34	16	-	9	7	-	-	10	9	31	-
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	1 860	1 447	398	47	30	321	15	-	158	210	1 039	368
PERSONAL SERVICE OCCUPATIONS	341	207	12	-	-	12	122	-	35	98	112	90
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	176	48	6	-	-	6	122	-	-	49	64	63
FARMING, FORESTRY, AND FISHING OCCUPATIONS	1 268	617	97	13	7	77	531	23	143	200	361	545
FARM OPERATORS AND MANAGERS	568	80	-	-	-	-	488	-	49	41	111	353
FARM OCCUPATIONS, EXCEPT MANAGERIAL	333	301	-	-	-	-	9	23	42	110	71	110
RELATED AGRICULTURAL OCCUPATIONS	333	231	77	-	7	70	25	-	39	49	167	73
FORESTRY AND FISHING OCCUPATIONS	34	5	20	13	-	7	9	-	13	-	12	9
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	15 956	14 460	693	204	54	435	785	18	219	925	9 548	4 887
MECHANICS AND REPAIRERS	5 304	4 822	255	95	18	142	221	6	83	322	3 154	1 602
AUTOMOBILE MECHANICS, INCLUDING BODY	1 151	1 025	18	5	-	13	102	6	39	83	600	401
AIRCRAFT MECHANICS	67	52	15	15	-	-	-	-	-	-	52	8
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	148	126	2	2	-	-	20	-	-	17	74	51
OTHER MECHANICS AND REPAIRERS	3 938	3 619	220	73	18	129	99	-	44	222	2 428	1 142
CONSTRUCTION TRADES	4 111	3 471	186	25	36	125	448	6	92	414	2 591	881
CARPENTERS	845	676	14	-	5	9	155	-	32	141	502	122
ELECTRICIANS	802	767	31	1	-	30	4	-	3	23	471	290
PAINTERS, CONSTRUCTION AND MAINTENANCE	255	224	14	8	-	6	17	-	11	25	180	30
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	712	616	21	14	-	7	75	-	27	30	498	133
OTHER CONSTRUCTION TRADES	1 497	1 188	106	2	31	73	197	6	19	195	940	306
EXTRACTIVE OCCUPATIONS	44	28	-	-	-	-	16	-	-	-	26	12
PRECISION PRODUCTION OCCUPATIONS	6 497	6 139	252	84	-	168	100	6	44	189	3 777	2 392
SUPERVISORS, PRODUCTION OCCUPATIONS	3 221	3 137	53	17	-	36	31	-	17	56	1 739	1 363
MANUFACTURING	2 708	2 696	6	6	-	-	6	-	17	39	1 458	1 152
PRECISION METALWORKING OCCUPATIONS	1 973	1 939	19	19	-	-	15	-	14	74	1 186	663
TOOL AND DIE MAKERS	520	512	-	-	-	-	8	-	-	24	325	159
MACHINISTS	1 098	1 088	5	5	-	-	5	-	14	35	601	430
SHEET METAL WORKERS	125	125	-	-	-	-	-	-	-	5	101	19
OTHER PRECISION METAL WORKERS	230	214	14	14	-	-	2	-	-	10	159	55
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	44	42	-	-	-	-	2	-	-	-	38	6
PLANT AND SYSTEM OPERATORS	480	341	139	9	-	130	-	-	6	8	329	137
OTHER PRECISION PRODUCTION OCCUPATIONS	779	680	41	39	-	2	52	6	7	51	485	223

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

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LORAIN-ELYRIA, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS				SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
			TOTAL	FEDERAL	STATE	LOCAL						
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	23 454	22 327	768	122	87	559	348	11	515	2 019	14 925	5 186
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	13 399	13 138	174	34	35	105	87	-	163	772	9 185	2 809
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	7 463	7 330	88	17	9	62	45	-	100	360	5 036	1 763
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	2 271	2 239	23	5	-	18	9	-	32	111	1 591	509
PRINTING MACHINE OPERATORS	202	202	-	-	-	-	-	-	-	6	136	60
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	91	78	-	-	-	-	13	-	18	11	36	18
TEXTILE MACHINE OPERATORS	30	23	-	-	-	-	7	-	5	-	7	18
TEXTILE SEWING MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	50	44	-	-	-	-	6	-	13	11	18	-
OTHER SPECIFIED MACHINE OPERATORS	2 288	2 253	32	5	-	27	3	-	14	108	1 416	657
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	2 611	2 558	33	7	9	17	20	-	36	124	1 857	519
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	1 125	1 114	2	-	-	2	9	-	6	51	810	228
MACHINE OPERATORS, NOT SPECIFIED	1 486	1 444	31	7	9	15	11	-	30	73	1 047	291
INDUSTRY:												
MANUFACTURING	2 455	2 428	16	7	9	-	11	-	26	124	1 749	493
NONDURABLE GOODS	244	238	-	-	-	-	6	-	-	24	150	50
FOOD AND KINDRED PRODUCTS	14	8	-	-	-	-	6	-	-	-	6	8
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	4	4	-	-	-	-	-	-	-	-	4	-
PAPER AND ALLIED PRODUCTS	13	13	-	-	-	-	-	-	-	-	6	-
OTHER NONDURABLE GOODS	213	213	-	-	-	-	-	-	-	24	134	42
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	2 211	2 190	16	7	9	-	5	-	26	100	1 599	443
METAL INDUSTRIES	1 259	1 243	16	7	9	-	-	-	7	53	891	306
MACHINERY, INCLUDING ELECTRICAL	270	270	-	-	-	-	-	-	2	7	214	40
TRANSPORTATION EQUIPMENT	583	583	-	-	-	-	-	-	-	28	435	86
OTHER DURABLE GOODS	99	94	-	-	-	-	5	-	17	12	59	11
NONMANUFACTURING INDUSTRIES	156	130	17	-	-	17	9	-	10	-	108	26
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	45	36	9	-	-	9	-	-	-	-	33	-
WHOLESALE AND RETAIL TRADE	24	15	-	-	-	-	9	-	10	-	14	-
ALL OTHER INDUSTRIES	87	79	8	-	-	8	-	-	-	-	61	26
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	4 595	4 486	67	12	26	29	42	-	51	360	3 202	757
WELDERS AND CUTTERS	1 465	1 421	32	12	-	20	12	-	12	108	928	359
ASSEMBLERS	3 044	2 998	35	-	26	9	11	-	39	247	2 224	367
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	86	67	-	-	-	-	19	-	-	5	50	31
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 341	1 322	19	5	-	14	-	-	12	52	947	289
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	5 262	4 761	294	57	27	210	207	-	77	359	3 027	1 628
MOTOR VEHICLE OPERATORS	2 726	2 425	115	6	-	109	186	-	47	236	1 223	1 115
TRUCK DRIVERS AND DRIVER-SALES WORKERS	2 544	2 299	73	6	-	67	172	-	47	179	1 147	1 072
BUS DRIVERS	81	46	35	-	-	35	-	-	-	31	34	10
RAIL AND WATER TRANSPORTATION OCCUPATIONS	364	298	66	37	7	22	-	-	-	2	224	108
MATERIAL MOVING EQUIPMENT OPERATORS	2 172	2 038	113	14	20	79	21	-	30	121	1 580	405
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	155	124	15	5	-	10	16	-	10	19	97	21
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	4 793	4 428	300	31	25	244	54	11	275	888	2 713	749
CONSTRUCTION LABORERS	463	393	70	5	4	61	-	-	31	84	269	57
FREIGHT, STOCK, AND MATERIAL HANDLERS	1 339	1 259	71	-	3	68	2	7	137	383	621	171
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	351	338	5	-	-	5	8	-	37	145	101	52
HAND PACKERS AND PACKAGERS	185	181	-	-	-	-	-	4	18	58	87	22
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	516	504	12	-	5	7	-	-	6	42	360	84
LABORERS, EXCEPT CONSTRUCTION	1 939	1 753	142	26	13	103	44	-	46	176	1 275	363
MANUFACTURING	1 423	1 398	18	-	6	12	7	-	10	76	1 023	259
NONDURABLE GOODS	104	104	-	-	-	-	-	-	4	8	50	32
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	1 319	1 294	18	-	6	12	7	-	6	68	973	227
METAL INDUSTRIES	915	896	12	-	-	12	7	-	6	36	661	177
NONMANUFACTURING INDUSTRIES	516	355	124	26	7	91	37	-	36	100	252	104
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	173	105	68	21	7	40	-	-	-	12	121	40
WHOLESALE AND RETAIL TRADE	177	154	-	-	-	-	23	-	13	27	79	45
ALL OTHER INDUSTRIES	166	96	56	5	-	51	14	-	23	61	52	19

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

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

LORAIN-ELYRIA, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS				SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS				
	TOTAL		TOTAL	FEDERAL	STATE	LOCAL			1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
FEMALES 16 YEARS AND OVER	44 071	35 498	7 053	642	577	5 834	1 219	301	3 571	12 123	22 454	4 370
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	8 727	5 056	3 309	126	123	3 060	326	36	615	1 643	4 721	1 445
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	2 756	2 134	430	57	30	343	169	23	97	345	1 599	611
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	86	-	86	7	-	79	-	-	8	5	61	12
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	213	91	122	-	7	115	-	-	9	31	106	61
MANAGERS, MEDICINE AND HEALTH	42	42	-	-	-	-	-	-	-	6	23	8
OTHER SPECIFIED MANAGERS	466	440	26	8	-	18	-	-	7	45	269	117
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	1 169	1 086	83	6	-	77	-	-	36	131	702	266
MANUFACTURING	127	127	-	-	-	-	-	-	2	12	96	17
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	53	53	-	-	-	-	-	-	-	5	34	14
WHOLESALE AND RETAIL TRADE	466	466	-	-	-	-	-	-	3	37	247	168
ALL OTHER INDUSTRIES	523	440	83	6	-	77	-	-	31	77	325	67
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	173	-	-	-	-	-	150	23	-	76	24	52
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING	15	-	-	-	-	-	8	7	-	8	7	-
WHOLESALE AND RETAIL TRADE	91	-	-	-	-	-	80	11	-	35	5	30
ALL OTHER INDUSTRIES	67	-	-	-	-	-	62	5	-	33	12	22
MANAGEMENT RELATED OCCUPATIONS	607	475	113	36	23	54	19	-	37	51	414	95
ACCOUNTANTS AND AUDITORS	212	157	48	11	-	37	7	-	-	13	164	25
BUYERS AND PURCHASING AGENTS	117	114	3	-	-	3	-	-	-	13	83	21
PROFESSIONAL SPECIALTY OCCUPATIONS	5 971	2 922	2 879	69	93	2 717	157	13	518	1 298	3 122	834
ENGINEERS, ARCHITECTS, AND SURVEYORS	38	32	6	6	-	-	-	-	-	6	26	6
ARCHITECTS	-	-	-	-	-	-	-	-	-	-	-	-
ENGINEERS	38	32	6	6	-	-	-	-	-	6	26	6
ELECTRICAL AND ELECTRONIC ENGINEERS	7	7	-	-	-	-	-	-	-	-	7	-
MECHANICAL ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER ENGINEERS	31	25	6	6	-	-	-	-	-	6	19	6
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	37	37	-	-	-	-	-	-	-	-	30	7
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	25	25	-	-	-	-	-	-	-	-	18	7
NATURAL SCIENTISTS	47	32	15	11	-	4	-	-	-	17	10	13
HEALTH DIAGNOSING OCCUPATIONS	46	42	2	-	2	-	2	-	-	-	31	15
PHYSICIANS	31	29	2	-	2	-	-	-	-	-	22	9
DENTISTS	9	7	-	-	-	-	2	-	-	-	9	-
OTHER HEALTH DIAGNOSING PRACTITIONERS	6	6	-	-	-	-	-	-	-	-	-	6
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	1 611	1 383	207	15	8	184	21	-	89	526	785	153
REGISTERED NURSES	1 407	1 250	143	15	8	120	14	-	73	486	686	110
PHARMACISTS	44	37	-	-	-	-	7	-	-	-	20	18
THERAPISTS	107	55	52	-	-	52	-	-	11	34	53	9
TEACHERS, LIBRARIANS, AND COUNSELORS	3 463	958	2 458	21	68	2 369	47	-	332	569	1 925	518
TEACHERS, POSTSECONDARY	185	133	52	-	6	46	-	-	45	40	35	43
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	2 244	500	1 728	4	36	1 688	16	-	138	381	1 359	308
TEACHERS, SECONDARY	510	57	453	5	6	442	-	-	36	44	315	106
SOCIAL SCIENTISTS AND URBAN PLANNERS	68	47	13	-	-	13	8	-	-	-	36	32
SOCIAL AND RECREATION WORKERS	228	59	157	11	15	131	6	6	-	57	146	19
RELIGIOUS WORKERS	46	46	-	-	-	-	-	-	18	-	-	25
LAWYERS AND JUDGES	12	12	-	-	-	-	-	-	3	-	9	-
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	375	274	21	5	-	16	73	7	76	123	124	46
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	19 315	16 611	2 108	442	294	1 372	418	178	1 319	5 516	10 430	1 518
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	1 752	1 568	176	54	9	113	8	-	91	518	939	143
HEALTH TECHNOLOGISTS AND TECHNICIANS	1 362	1 266	88	15	5	68	8	-	56	473	700	89
LICENSED PRACTICAL NURSES	959	908	49	-	-	49	2	-	21	358	493	58
ENGINEERING AND SCIENCE TECHNICIANS	190	171	19	10	-	9	-	-	22	6	118	34
ELECTRICAL AND ELECTRONIC TECHNICIANS	12	12	-	-	-	-	-	-	-	-	-	12
DRAFTING AND SURVEYING TECHNICIANS	61	52	9	-	-	9	-	-	-	6	40	15
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	200	131	69	29	4	36	-	-	13	39	121	20
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	57	50	7	7	-	-	-	-	-	11	33	6
SALES OCCUPATIONS	5 656	5 185	143	6	56	81	284	44	602	2 548	1 939	394
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	554	466	8	-	8	-	80	-	13	116	325	100
SELF-EMPLOYED	80	-	-	-	-	-	80	-	7	31	30	12
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	631	544	6	6	-	-	67	14	57	181	293	85
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	134	130	-	-	-	-	4	-	5	23	106	-
SALES WORKERS, RETAIL AND PERSONAL SERVICES	4 332	4 040	129	-	48	81	133	30	527	2 223	1 215	209
CASHIERS	2 040	1 936	104	-	36	68	-	-	164	1 104	583	104
SALES RELATED OCCUPATIONS	5	5	-	-	-	-	-	-	-	5	-	-

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

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

LORAIN-ELYRIA, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	11 907	9 858	1 789	382	229	1 178	126	134	626	2 450	7 552	981
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	480	424	56	6	-	50	-	-	2	58	364	51
COMPUTER EQUIPMENT OPERATORS	184	155	29	12	4	13	-	-	-	18	119	29
SECRETARIES, STENOGRAPHERS, AND TYPISTS	4 496	3 614	768	143	83	542	53	61	198	951	2 938	269
SECRETARIES	3 892	3 188	609	124	55	430	47	48	142	818	2 574	248
RECEPTIONISTS	550	486	54	8	11	35	-	10	56	160	283	35
FILE CLERKS	193	164	18	11	-	7	-	11	23	68	76	22
FINANCIAL RECORDS PROCESSING OCCUPATIONS	1 793	1 554	138	27	18	93	59	42	125	374	1 033	243
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	1 372	1 166	112	27	18	67	52	42	125	331	717	183
TELEPHONE OPERATORS	347	324	23	-	10	13	-	-	10	64	249	20
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	168	94	74	67	-	7	-	-	6	25	123	14
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	376	365	11	6	-	5	-	-	15	61	249	38
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	15	15	-	-	-	-	-	-	-	-	15	-
BANK TELLERS	606	595	11	2	9	-	-	-	7	85	485	24
DATA-ENTRY KEYERS	247	227	20	-	-	20	-	-	-	45	173	29
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	2 452	1 841	587	100	94	393	14	10	184	541	1 445	207
SERVICE OCCUPATIONS	8 762	7 243	1 175	44	100	1 031	322	22	1 357	3 548	3 034	503
PRIVATE HOUSEHOLD OCCUPATIONS	389	389	-	-	-	-	-	-	114	131	90	34
PROTECTIVE SERVICE OCCUPATIONS	187	88	99	-	-	99	-	-	43	55	75	9
FIREFIGHTING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
POLICE AND DETECTIVES, PUBLIC SERVICE	12	-	12	-	-	12	-	-	-	-	12	-
GUARDS	144	88	56	-	-	56	-	-	43	55	37	9
OTHER PROTECTIVE SERVICE OCCUPATIONS	31	-	31	-	-	31	-	-	-	-	26	-
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	8 186	6 766	1 076	44	100	932	322	22	1 200	3 362	2 869	460
FOOD PREPARATION AND SERVICE OCCUPATIONS	4 038	3 487	503	9	59	435	46	2	699	1 950	1 023	229
WAITERS AND FOOD COUNTER WORKERS	1 812	1 806	-	-	-	-	4	2	274	1 030	372	89
COOKS	988	742	216	2	26	188	30	-	110	400	377	70
HEALTH SERVICE OCCUPATIONS	1 573	1 433	127	21	19	87	-	13	70	382	954	107
NURSING AIDES, ORDERLIES, AND ATTENDANTS	1 210	1 089	121	21	19	81	-	-	34	293	789	57
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	1 396	1 113	239	8	10	221	37	7	230	545	512	44
PERSONAL SERVICE OCCUPATIONS	1 179	733	207	6	12	189	239	-	201	485	380	80
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	600	426	8	-	-	8	166	-	54	243	247	38
FARMING, FORESTRY, AND FISHING OCCUPATIONS	402	248	24	10	-	14	82	48	30	120	146	100
FARM OPERATORS AND MANAGERS	69	2	-	-	-	-	67	-	4	21	2	42
FARM OCCUPATIONS, EXCEPT MANAGERIAL	235	195	-	-	-	-	-	40	6	72	104	47
RELATED AGRICULTURAL OCCUPATIONS	93	51	24	10	-	14	15	3	20	22	40	11
FORESTRY AND FISHING OCCUPATIONS	5	-	-	-	-	-	-	5	-	5	-	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	972	906	24	-	-	24	40	2	51	195	558	129
MECHANICS AND REPAIRERS	136	136	-	-	-	-	-	-	10	34	46	39
AUTOMOBILE MECHANICS, INCLUDING BODY	12	12	-	-	-	-	-	-	4	-	-	8
AIRCRAFT MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	6	6	-	-	-	-	-	-	-	-	-	6
OTHER MECHANICS AND REPAIRERS	118	118	-	-	-	-	-	-	6	34	46	25
CONSTRUCTION TRADES	68	48	12	-	-	12	8	-	14	12	33	-
CARPENTERS	11	9	-	-	-	-	2	-	2	-	-	-
ELECTRICIANS	9	9	-	-	-	-	-	-	-	-	9	-
PAINTERS, CONSTRUCTION AND MAINTENANCE	7	7	-	-	-	-	-	-	7	-	-	-
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER CONSTRUCTION TRADES	41	23	12	-	-	12	6	-	5	12	24	-
EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	768	722	12	-	-	12	32	2	27	149	479	90
SUPERVISORS, PRODUCTION OCCUPATIONS	250	240	6	-	-	6	4	-	-	21	192	37
MANUFACTURING	142	138	-	-	-	-	4	-	-	4	107	31
PRECISION METALWORKING OCCUPATIONS	107	100	-	-	-	-	7	-	15	7	73	12
TOOL AND DIE MAKERS	5	5	-	-	-	-	-	-	-	-	-	5
MACHINISTS	71	71	-	-	-	-	-	-	-	7	64	-
SHEET METAL WORKERS	6	6	-	-	-	-	-	-	6	-	-	-
OTHER PRECISION METAL WORKERS	25	18	-	-	-	-	7	-	9	-	9	7
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	108	87	-	-	-	-	21	-	-	52	37	5
PLANT AND SYSTEM OPERATORS	7	7	-	-	-	-	-	-	-	-	7	-
OTHER PRECISION PRODUCTION OCCUPATIONS	296	288	6	-	-	6	-	2	12	69	170	36

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

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

LORAIN-ELYRIA, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS: TOTAL	GOVERNMENT WORKERS: FEDERAL	GOVERNMENT WORKERS: STATE	GOVERNMENT WORKERS: LOCAL	SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	5 893	5 434	413	20	60	333	31	15	199	1 101	3 565	675
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	4 225	4 089	116	8	31	77	14	6	98	577	2 831	471
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	2 247	2 157	70	8	19	43	14	6	86	430	1 341	262
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	301	301	-	-	-	-	-	-	22	44	172	42
PRINTING MACHINE OPERATORS	67	54	13	-	-	13	-	-	-	12	47	-
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	476	470	6	-	-	6	-	-	22	183	215	35
TEXTILE MACHINE OPERATORS	3	3	-	-	-	-	-	-	-	-	-	3
TEXTILE SEWING MACHINE OPERATORS	251	251	-	-	-	-	-	-	11	66	142	25
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	155	149	6	-	-	6	-	-	6	65	63	7
OTHER SPECIFIED MACHINE OPERATORS	374	343	23	-	13	10	8	-	32	56	214	25
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	1 029	989	28	8	6	14	6	6	10	135	693	160
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	547	521	14	-	-	14	6	6	10	54	359	93
MACHINE OPERATORS, NOT SPECIFIED	482	468	14	8	6	-	-	-	-	81	334	67
INDUSTRY:												
MANUFACTURING	976	955	15	8	-	7	-	6	4	109	672	160
NONDURABLE GOODS	249	249	-	-	-	-	-	-	-	49	157	31
FOOD AND KINDRED PRODUCTS	-	-	-	-	-	-	-	-	-	-	-	-
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	10	10	-	-	-	-	-	-	-	6	-	4
PAPER AND ALLIED PRODUCTS	31	31	-	-	-	-	-	-	-	-	11	14
OTHER NONDURABLE GOODS	208	208	-	-	-	-	-	-	-	43	146	13
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	727	706	15	8	-	7	-	6	4	60	515	129
METAL INDUSTRIES	339	331	8	8	-	-	-	-	-	20	265	48
MACHINERY, INCLUDING ELECTRICAL	214	214	-	-	-	-	-	-	-	24	143	41
TRANSPORTATION EQUIPMENT	108	101	7	-	-	7	-	-	4	5	66	26
OTHER DURABLE GOODS	66	60	-	-	-	-	-	6	-	11	41	14
NONMANUFACTURING INDUSTRIES	53	34	13	-	6	7	6	-	6	26	21	-
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	27	21	-	-	-	-	6	-	6	14	7	-
ALL OTHER INDUSTRIES	26	13	13	-	6	7	-	-	-	12	14	-
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	1 441	1 400	41	-	12	29	-	-	5	124	1 120	120
WELDERS AND CUTTERS	79	67	12	-	12	-	-	-	-	12	62	-
ASSEMBLERS	1 279	1 250	29	-	-	29	-	-	5	112	984	111
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	83	83	-	-	-	-	-	-	-	-	74	9
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	537	532	5	-	-	5	-	-	7	23	370	89
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	531	267	258	-	19	239	6	-	29	226	170	84
MOTOR VEHICLE OPERATORS	405	158	241	-	9	232	6	-	29	215	78	61
TRUCK DRIVERS AND DRIVER-SALES WORKERS	100	94	-	-	-	-	6	-	12	13	32	29
BUS DRIVERS	277	43	234	-	9	225	-	-	17	190	46	22
RAIL AND WATER TRANSPORTATION OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	126	109	17	-	10	7	-	-	-	11	92	23
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	1 137	1 078	39	12	10	17	11	9	72	298	564	120
CONSTRUCTION LABORERS	13	13	-	-	-	-	-	-	10	-	3	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	237	220	6	6	-	-	2	9	13	98	84	33
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	88	88	-	-	-	-	-	-	11	18	44	7
HAND PACKERS AND PACKAGERS	420	420	-	-	-	-	-	-	14	108	234	42
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	94	83	11	-	-	11	-	-	19	12	26	11
LABORERS, EXCEPT CONSTRUCTION	285	254	22	6	10	6	9	-	5	62	173	27
MANUFACTURING	213	201	10	-	10	-	2	-	5	37	131	22
NONDURABLE GOODS	31	31	-	-	-	-	-	-	-	11	14	-
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	182	170	10	-	10	-	2	-	5	26	117	22
METAL INDUSTRIES	143	137	6	-	6	-	-	-	-	24	91	22
NONMANUFACTURING INDUSTRIES	72	53	12	6	-	6	7	-	-	25	42	5
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	11	11	-	-	-	-	-	-	-	-	11	-
WHOLESALE AND RETAIL TRADE	44	37	-	-	-	-	7	-	-	19	20	5
ALL OTHER INDUSTRIES	17	5	12	6	-	6	-	-	-	6	11	-

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

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

TOLEDO, OH-MI SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
MALES 16 YEARS AND OVER	187 945	153 481	21 724	3 655	5 866	12 203	12 371	369	5 932	18 381	93 557	63 669
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	41 263	28 780	8 841	626	3 153	5 062	3 610	32	809	2 295	17 910	19 364
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	22 317	17 871	2 871	453	875	1 543	1 553	22	268	801	8 946	11 836
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	517	-	517	61	75	381	-	-	21	35	291	170
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	816	116	693	3	225	465	-	7	13	7	250	530
MANAGERS, MEDICINE AND HEALTH	198	169	29	-	17	12	-	-	-	14	96	83
OTHER SPECIFIED MANAGERS	4 140	3 771	144	56	34	54	223	2	32	46	1 736	2 275
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	11 178	10 477	701	143	238	320	-	-	88	388	3 987	6 447
MANUFACTURING	3 491	3 491	-	-	-	-	-	-	8	36	1 469	1 929
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	1 123	903	220	103	25	92	-	-	5	25	550	509
WHOLESALE AND RETAIL TRADE	3 301	3 294	7	-	7	-	-	-	23	154	766	2 268
ALL OTHER INDUSTRIES	3 263	2 789	474	40	206	228	-	-	52	173	1 202	1 741
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	1 059	-	-	-	-	-	1 046	13	42	92	265	628
CONSTRUCTION	226	-	-	-	-	-	226	-	16	25	79	96
MANUFACTURING	117	-	-	-	-	-	112	5	2	14	28	66
WHOLESALE AND RETAIL TRADE	399	-	-	-	-	-	391	8	5	35	58	292
ALL OTHER INDUSTRIES	317	-	-	-	-	-	317	-	19	18	100	174
MANAGEMENT RELATED OCCUPATIONS	4 409	3 338	787	190	286	311	284	-	72	219	2 321	1 703
ACCOUNTANTS AND AUDITORS	1 789	1 474	134	10	62	62	181	-	25	79	963	697
BUYERS AND PURCHASING AGENTS	763	708	22	-	12	10	33	-	29	31	347	346
PROFESSIONAL SPECIALTY OCCUPATIONS	18 946	10 909	5 970	173	2 278	3 519	2 057	10	541	1 494	8 964	7 528
ENGINEERS, ARCHITECTS, AND SURVEYORS	4 733	4 388	224	26	83	115	121	-	40	129	2 934	1 549
ARCHITECTS	178	103	7	-	-	7	68	-	2	13	65	92
ENGINEERS	4 477	4 213	211	26	83	102	53	-	38	110	2 810	1 444
ELECTRICAL AND ELECTRONIC ENGINEERS	613	607	6	2	4	-	-	-	-	6	378	223
MECHANICAL ENGINEERS	1 176	1 154	12	-	12	-	10	-	19	46	728	365
OTHER ENGINEERS	2 688	2 452	193	24	67	102	43	-	19	58	1 704	856
SURVEYORS AND MAPPING SCIENTISTS	78	72	6	-	-	6	-	-	-	6	59	13
MATHEMATICAL AND COMPUTER SCIENTISTS	451	401	43	28	13	2	7	-	6	29	290	108
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	328	298	23	10	13	-	7	-	6	21	217	81
NATURAL SCIENTISTS	581	394	154	24	55	75	33	-	13	21	326	212
HEALTH DIAGNOSING OCCUPATIONS	1 829	987	201	16	164	21	641	-	23	158	447	1 171
PHYSICIANS	1 187	776	179	16	146	17	232	-	17	10	184	958
DENTISTS	372	121	13	-	13	-	238	-	6	62	200	92
OTHER HEALTH DIAGNOSING PRACTITIONERS	270	90	9	-	5	4	171	-	-	86	63	121
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	973	742	173	6	78	89	58	-	30	91	352	500
REGISTERED NURSES	108	82	26	-	20	6	-	-	-	2	59	47
PHARMACISTS	518	441	36	6	29	1	41	-	22	76	91	329
THERAPISTS	288	187	84	-	29	55	17	-	8	9	180	91
TEACHERS, LIBRARIANS, AND COUNSELORS	5 270	878	4 366	27	1 611	2 728	26	-	219	611	2 422	1 838
TEACHERS, POSTSECONDARY	1 508	134	1 374	2	1 316	56	-	-	80	243	484	567
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	1 740	258	1 482	-	64	1 418	-	-	40	216	921	551
TEACHERS, SECONDARY	1 354	213	1 141	2	56	1 083	-	-	34	91	631	586
SOCIAL SCIENTISTS AND URBAN PLANNERS	430	259	131	4	24	103	40	-	5	7	262	146
SOCIAL AND RECREATION WORKERS	520	171	349	23	106	220	-	-	11	26	349	124
RELIGIOUS WORKERS	883	715	2	-	2	-	166	-	20	33	238	592
LAWYERS AND JUDGES	1 444	581	204	11	48	145	653	6	41	77	579	719
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	1 832	1 393	123	8	94	21	312	4	133	312	765	569
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	29 979	24 674	3 199	1 492	813	894	2 081	25	1 003	2 706	14 268	11 131
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	4 341	3 650	606	109	247	250	85	-	73	272	2 671	1 194
HEALTH TECHNOLOGISTS AND TECHNICIANS	549	433	116	14	38	64	-	-	12	42	296	180
LICENSED PRACTICAL NURSES	29	29	-	-	-	-	-	-	-	2	13	-
ENGINEERING AND SCIENCE TECHNICIANS	2 640	2 312	270	55	125	90	58	-	25	119	1 664	738
ELECTRICAL AND ELECTRONIC TECHNICIANS	333	272	50	26	18	6	11	-	6	19	211	95
DRAFTING AND SURVEYING TECHNICIANS	1 091	994	68	-	15	53	29	-	16	44	687	329
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	1 152	905	220	40	84	96	27	-	36	111	711	276
AIRPLANE PILOTS AND NAVIGATORS	67	65	-	-	-	-	2	-	-	12	9	44
COMPUTER PROGRAMMERS	402	348	54	-	34	20	-	-	7	26	286	83
SALES OCCUPATIONS	14 608	12 468	161	21	103	37	1 956	23	595	1 438	5 389	6 888
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	2 949	2 334	22	-	15	7	593	-	36	95	870	1 912
SELF-EMPLOYED	593	-	-	-	-	-	593	-	36	21	112	415
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	3 429	2 698	59	16	15	28	672	-	88	232	1 452	1 537
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	3 459	3 198	7	-	7	-	252	2	35	128	1 621	1 631
SALES WORKERS, RETAIL AND PERSONAL SERVICES	4 714	4 212	73	5	66	2	408	21	431	976	1 416	1 793
CASHIERS	611	598	2	-	-	2	11	-	95	224	174	99
SALES RELATED OCCUPATIONS	57	26	-	-	-	-	31	-	5	7	30	15

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

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

TOLEDO, OH-MI SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	11 030	8 556	2 432	1 362	463	607	40	2	335	996	6 208	3 049
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	1 700	1 288	405	143	106	156	5	2	10	48	908	701
COMPUTER EQUIPMENT OPERATORS	450	369	81	12	33	36	-	-	4	36	257	128
SECRETARIES, STENOGRAPHERS, AND TYPISTS	143	113	30	6	5	19	-	-	28	7	74	23
SECRETARIES	97	90	7	-	-	7	-	-	13	7	48	23
RECEPTIONISTS	57	44	13	-	2	11	-	-	9	32	2	-
FILE CLERKS	115	109	6	-	-	6	-	-	7	6	83	19
FINANCIAL RECORDS PROCESSING OCCUPATIONS	697	638	55	18	23	14	4	-	15	54	384	205
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	362	328	30	8	8	14	4	-	8	47	178	91
TELEPHONE OPERATORS	88	88	-	-	-	-	-	-	-	2	73	13
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	1 269	286	983	964	13	6	-	-	32	148	651	382
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	2 791	2 653	125	49	20	56	13	-	116	333	1 549	629
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	155	143	-	-	-	-	12	-	-	5	100	43
BANK TELLERS	49	41	8	-	-	8	-	-	-	6	37	6
DATA-ENTRY KEYERS	56	48	8	8	-	-	-	-	-	-	47	9
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	3 460	2 736	718	162	261	295	6	-	114	319	2 043	891
SERVICE OCCUPATIONS	16 148	11 074	4 564	220	1 040	3 304	487	23	1 489	3 879	6 591	3 644
PRIVATE HOUSEHOLD OCCUPATIONS	54	54	-	-	-	-	-	-	4	-	39	6
PROTECTIVE SERVICE OCCUPATIONS	4 228	1 720	2 508	60	313	2 135	-	-	119	409	1 937	1 667
FIREFIGHTING OCCUPATIONS	583	2	581	-	13	568	-	-	-	15	68	494
POLICE AND DETECTIVES, PUBLIC SERVICE	999	-	999	25	101	873	-	-	-	6	600	380
GUARDS	1 891	1 563	328	21	156	151	-	-	113	361	807	541
OTHER PROTECTIVE SERVICE OCCUPATIONS	755	155	600	14	43	543	-	-	6	27	462	252
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	11 866	9 300	2 056	160	727	1 169	487	23	1 366	3 470	4 615	1 971
FOOD PREPARATION AND SERVICE OCCUPATIONS	4 425	4 098	219	28	170	21	107	1	802	2 068	903	510
WAITERS AND FOOD COUNTER WORKERS	388	381	1	-	1	-	6	-	84	178	81	38
COOKS	1 920	1 806	86	22	56	8	28	-	278	1 035	402	142
HEALTH SERVICE OCCUPATIONS	552	381	171	-	151	20	-	-	20	115	297	99
NURSING AIDES, ORDERLIES, AND ATTENDANTS	452	296	156	-	141	15	-	-	14	91	251	79
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	6 059	4 372	1 565	132	360	1 073	100	22	515	1 036	3 156	1 091
PERSONAL SERVICE OCCUPATIONS	830	449	101	-	46	55	280	-	29	251	259	271
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	450	186	-	-	-	-	264	-	12	97	137	197
FARMING, FORESTRY, AND FISHING OCCUPATIONS	4 192	1 540	355	19	76	260	2 189	108	375	759	1 325	1 597
FARM OPERATORS AND MANAGERS	2 278	192	-	-	-	-	2 086	-	208	305	572	1 136
FARM OCCUPATIONS, EXCEPT MANAGERIAL	885	750	20	-	3	17	17	98	64	287	238	268
RELATED AGRICULTURAL OCCUPATIONS	927	568	286	19	73	194	67	6	96	155	468	167
FORESTRY AND FISHING OCCUPATIONS	102	30	49	-	-	49	19	4	7	12	47	26
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	42 383	37 285	1 878	394	361	1 123	3 070	150	666	3 175	23 182	13 825
MECHANICS AND REPAIRERS	13 946	12 153	817	223	166	428	896	80	200	812	7 602	4 957
AUTOMOBILE MECHANICS, INCLUDING BODY	3 358	2 797	162	13	45	104	356	43	66	265	1 652	1 272
AIRCRAFT MECHANICS	132	105	27	27	-	-	-	-	-	4	75	53
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	415	315	24	6	7	11	59	17	-	61	243	98
OTHER MECHANICS AND REPAIRERS	10 041	8 936	604	177	114	313	481	20	134	482	5 632	3 534
CONSTRUCTION TRADES	12 968	10 381	649	101	157	391	1 905	33	365	1 771	7 365	2 922
CARPENTERS	2 966	2 178	98	21	26	51	683	7	128	631	1 520	566
ELECTRICIANS	2 448	2 250	109	31	36	42	86	3	35	128	1 451	772
PAINTERS, CONSTRUCTION AND MAINTENANCE	716	443	47	2	3	42	209	17	48	125	392	113
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	1 959	1 720	103	15	22	66	136	-	9	118	1 315	430
OTHER CONSTRUCTION TRADES	4 879	3 790	292	32	70	190	791	6	145	769	2 687	1 041
EXTRACTIVE OCCUPATIONS	116	111	5	-	-	5	-	-	-	-	31	83
PRECISION PRODUCTION OCCUPATIONS	15 353	14 640	407	70	38	299	269	37	101	592	8 184	5 863
SUPERVISORS, PRODUCTION OCCUPATIONS	6 948	6 778	150	31	6	113	20	-	19	151	3 607	2 993
MANUFACTURING	5 262	5 232	19	6	6	7	11	-	18	72	2 830	2 210
PRECISION METALWORKING OCCUPATIONS	5 346	5 237	41	14	9	18	61	7	45	270	2 919	1 898
TOOL AND DIE MAKERS	2 720	2 696	-	-	-	-	24	-	21	99	1 462	1 041
MACHINISTS	1 548	1 500	25	14	5	6	23	-	7	107	773	564
SHEET METAL WORKERS	379	373	-	-	-	-	6	-	12	35	259	63
OTHER PRECISION METAL WORKERS	699	668	16	-	4	12	8	7	5	29	425	230
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	211	127	-	-	-	-	58	26	-	47	78	68
PLANT AND SYSTEM OPERATORS	972	799	166	-	21	145	7	-	11	8	523	266
OTHER PRECISION PRODUCTION OCCUPATIONS	1 876	1 699	50	25	2	23	123	4	26	116	1 057	638

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

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TOLEDO, OH-MI SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	53 980	50 128	2 887	904	423	1 560	934	31	1 590	5 567	30 281	14 108
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	26 056	25 252	533	146	104	283	269	2	295	1 786	16 934	5 788
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	16 162	15 673	284	30	67	187	203	2	194	1 138	10 416	3 627
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	3 945	3 917	20	4	8	8	6	2	37	243	2 606	851
PRINTING MACHINE OPERATORS	873	811	-	-	-	-	62	-	14	71	568	201
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	270	238	-	-	-	-	32	-	15	49	120	70
TEXTILE MACHINE OPERATORS	74	74	-	-	-	-	-	-	-	-	31	35
TEXTILE SEWING MACHINE OPERATORS	14	14	-	-	-	-	-	-	-	6	8	-
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	175	150	-	-	-	-	25	-	15	43	81	28
OTHER SPECIFIED MACHINE OPERATORS	4 851	4 618	175	-	39	136	58	-	65	357	3 015	1 171
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	6 223	6 089	89	26	20	43	45	-	63	418	4 107	1 334
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	1 642	1 606	20	11	-	9	16	-	3	114	1 057	417
MACHINE OPERATORS, NOT SPECIFIED	4 581	4 483	69	15	20	34	29	-	60	304	3 050	917
INDUSTRY:												
MANUFACTURING	5 719	5 631	45	7	20	18	43	-	54	334	3 813	1 235
NONDURABLE GOODS	1 261	1 231	24	4	14	6	6	-	20	113	807	234
FOOD AND KINDRED PRODUCTS	257	251	-	-	-	-	6	-	-	34	104	99
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	121	121	-	-	-	-	-	-	-	-	110	11
PAPER AND ALLIED PRODUCTS	331	325	6	-	-	6	-	-	6	39	192	71
OTHER NONDURABLE GOODS	552	534	18	4	14	-	-	-	14	40	401	53
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	4 458	4 400	21	3	6	12	37	-	34	221	3 006	1 001
METAL INDUSTRIES	961	943	11	-	6	5	7	-	5	39	582	235
MACHINERY, INCLUDING ELECTRICAL	899	883	-	-	-	-	16	-	13	51	557	241
TRANSPORTATION EQUIPMENT	1 676	1 666	10	3	-	7	-	-	5	65	1 278	295
OTHER DURABLE GOODS	922	908	-	-	-	-	14	-	11	66	589	230
NONMANUFACTURING INDUSTRIES	504	458	44	19	-	25	2	-	9	84	294	99
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	194	165	29	19	-	10	-	-	3	14	113	57
WHOLESALE AND RETAIL TRADE	120	118	-	-	-	-	2	-	6	18	82	11
ALL OTHER INDUSTRIES	190	175	15	-	-	15	-	-	-	52	99	31
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	7 260	7 030	164	62	29	73	66	-	83	525	4 705	1 595
WELDERS AND CUTTERS	2 863	2 745	89	51	9	29	29	-	46	217	1 764	727
ASSEMBLERS	4 152	4 077	68	11	13	44	7	-	31	289	2 795	794
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	245	208	7	-	7	-	30	-	6	19	146	74
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	2 634	2 549	85	54	8	23	-	-	18	123	1 813	566
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	15 937	13 962	1 400	575	175	650	568	7	418	1 158	7 396	6 260
MOTOR VEHICLE OPERATORS	9 391	8 202	671	54	113	504	511	7	329	722	3 542	4 403
TRUCK DRIVERS AND DRIVER-SALES WORKERS	8 604	7 760	371	37	73	261	466	7	271	616	3 237	4 111
BUS DRIVERS	347	66	281	10	34	237	-	-	29	71	141	97
RAIL AND WATER TRANSPORTATION OCCUPATIONS	2 083	1 570	506	490	11	5	7	-	43	120	1 014	779
MATERIAL MOVING EQUIPMENT OPERATORS	4 463	4 190	223	31	51	141	50	-	46	316	2 840	1 078
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	226	173	22	5	-	17	31	-	-	61	80	78
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	11 987	10 914	954	183	144	627	97	22	877	2 623	5 951	2 060
CONSTRUCTION LABORERS	1 579	1 221	344	26	28	290	-	14	71	224	1 045	176
FREIGHT, STOCK, AND MATERIAL HANDLERS	4 127	3 879	240	68	33	139	2	6	388	1 299	1 538	718
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	1 204	1 162	5	-	-	5	37	-	147	431	378	203
HAND PACKERS AND PACKAGERS	728	683	45	6	14	25	-	-	11	99	430	153
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	954	894	51	28	2	21	9	-	59	204	539	125
LABORERS, EXCEPT CONSTRUCTION	3 395	3 075	269	55	67	147	49	2	201	366	2 021	685
MANUFACTURING	1 781	1 754	13	-	6	7	14	-	64	151	1 189	323
NONDURABLE GOODS	399	388	-	-	-	-	11	-	23	47	246	60
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	1 382	1 366	13	-	6	7	3	-	41	104	943	263
METAL INDUSTRIES	492	488	4	-	4	-	-	-	19	45	311	116
NONMANUFACTURING INDUSTRIES	1 614	1 321	256	55	61	140	35	2	137	215	832	362
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	400	286	109	51	18	40	3	2	10	51	263	63
WHOLESALE AND RETAIL TRADE	807	794	7	-	-	7	6	-	66	89	384	236
ALL OTHER INDUSTRIES	407	241	140	4	43	93	26	-	61	75	185	63

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

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

TOLEDO, OH-MI SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS TOTAL	GOVERNMENT WORKERS FEDERAL	GOVERNMENT WORKERS STATE	GOVERNMENT WORKERS LOCAL	SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
FEMALES 16 YEARS AND OVER	136 000	105 413	25 800	2 058	7 802	15 940	3 811	976	11 214	35 887	67 212	15 279
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	28 567	16 207	11 107	393	2 613	8 101	1 076	177	1 907	5 839	14 666	5 077
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	8 627	6 621	1 379	207	439	733	482	145	362	1 008	4 930	2 103
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	299	-	299	52	50	197	-	-	21	48	207	9
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	573	236	328	10	100	218	9	-	46	93	305	115
MANAGERS, MEDICINE AND HEALTH	172	129	14	-	12	2	21	8	7	25	103	37
OTHER SPECIFIED MANAGERS	1 383	1 183	120	46	32	42	53	27	30	111	944	279
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	3 568	3 247	321	35	118	168	-	-	120	349	1 919	1 072
MANUFACTURING	311	311	-	-	-	-	-	-	13	29	212	51
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	111	105	6	6	-	-	-	-	-	12	71	28
WHOLESALE AND RETAIL TRADE	1 591	1 576	15	-	13	2	-	-	43	148	718	609
ALL OTHER INDUSTRIES	1 555	1 255	300	29	105	166	-	-	64	160	918	384
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	449	-	-	-	-	-	339	110	40	91	148	170
CONSTRUCTION	2	-	-	-	-	-	2	-	-	-	2	-
MANUFACTURING	33	-	-	-	-	-	33	-	5	6	-	22
WHOLESALE AND RETAIL TRADE	230	-	-	-	-	-	186	44	18	52	82	78
ALL OTHER INDUSTRIES	184	-	-	-	-	-	118	66	17	33	64	70
MANAGEMENT RELATED OCCUPATIONS	2 183	1 826	297	64	127	106	60	-	98	291	1 304	421
ACCOUNTANTS AND AUDITORS	904	785	102	25	23	54	17	-	22	110	610	150
BUYERS AND PURCHASING AGENTS	451	413	38	6	17	15	-	-	6	46	250	138
PROFESSIONAL SPECIALTY OCCUPATIONS	19 940	9 586	9 728	186	2 174	7 368	594	32	1 545	4 831	9 736	2 974
ENGINEERS, ARCHITECTS, AND SURVEYORS	166	151	9	-	2	7	6	-	-	8	96	56
ARCHITECTS	13	7	-	-	-	-	6	-	-	-	13	-
ENGINEERS	147	138	9	-	2	7	-	-	-	8	83	50
ELECTRICAL AND ELECTRONIC ENGINEERS	28	28	-	-	-	-	-	-	-	2	20	6
MECHANICAL ENGINEERS	8	8	-	-	-	-	-	-	-	-	8	-
OTHER ENGINEERS	111	102	9	-	2	7	-	-	-	6	55	44
SURVEYORS AND MAPPING SCIENTISTS	6	6	-	-	-	-	-	-	-	-	-	6
MATHEMATICAL AND COMPUTER SCIENTISTS	193	171	17	7	8	2	5	-	-	-	171	15
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	114	101	13	5	8	-	-	-	-	-	103	11
NATURAL SCIENTISTS	113	59	47	-	25	22	7	-	2	10	54	47
HEALTH DIAGNOSING OCCUPATIONS	220	122	73	6	67	-	25	-	6	27	64	117
PHYSICIANS	175	87	73	6	67	-	15	-	-	17	52	106
DENTISTS	22	12	-	-	-	-	10	-	-	-	5	11
OTHER HEALTH DIAGNOSING PRACTITIONERS	23	23	-	-	-	-	-	-	6	10	7	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	5 747	4 653	1 047	39	659	349	39	8	243	1 718	2 827	659
REGISTERED NURSES	4 667	3 908	738	12	515	211	19	2	184	1 474	2 262	520
PHARMACISTS	213	193	12	-	12	-	8	-	24	29	97	46
THERAPISTS	603	375	218	7	104	107	10	-	18	163	309	73
TEACHERS, LIBRARIANS, AND COUNSELORS	10 481	2 704	7 513	59	1 122	6 332	250	14	986	2 480	5 057	1 507
TEACHERS, POSTSECONDARY	771	220	551	-	526	25	-	-	92	191	262	91
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	6 220	1 603	4 607	25	240	4 342	10	-	442	1 403	3 260	921
TEACHERS, SECONDARY	1 888	376	1 512	26	63	1 423	-	-	155	411	953	329
SOCIAL SCIENTISTS AND URBAN PLANNERS	227	128	99	16	13	70	-	-	5	34	135	43
SOCIAL AND RECREATION WORKERS	1 040	283	757	40	192	525	-	-	39	148	685	142
RELIGIOUS WORKERS	197	179	-	-	-	-	18	-	32	50	30	85
LAWYERS AND JUDGES	140	57	62	-	27	35	14	7	10	13	66	45
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	1 416	1 079	104	19	59	26	230	3	222	343	551	258
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	61 847	51 249	8 885	1 392	3 301	4 192	1 219	494	4 604	15 906	32 976	5 974
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	5 307	4 496	782	42	468	272	25	4	187	1 510	2 880	536
HEALTH TECHNOLOGISTS AND TECHNICIANS	4 272	3 805	453	10	310	133	12	2	128	1 319	2 289	392
LICENSED PRACTICAL NURSES	2 412	2 139	261	-	188	73	12	-	67	820	1 260	158
ENGINEERING AND SCIENCE TECHNICIANS	326	226	100	9	72	19	-	-	18	57	180	40
ELECTRICAL AND ELECTRONIC TECHNICIANS	14	14	-	-	-	-	-	-	-	2	5	7
DRAFTING AND SURVEYING TECHNICIANS	60	56	4	-	-	4	-	-	-	5	50	5
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	709	465	229	23	86	120	13	2	41	134	411	104
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	266	217	41	-	26	15	8	-	7	35	165	47
SALES OCCUPATIONS	15 953	14 566	331	14	186	131	937	119	2 092	6 381	5 095	1 525
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 252	1 047	12	-	10	2	185	8	20	177	613	388
SELF-EMPLOYED	193	-	-	-	-	-	185	8	20	37	62	74
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	1 552	1 307	5	5	-	-	229	11	109	439	651	220
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	425	386	-	-	-	-	34	5	21	62	234	97
SALES WORKERS, RETAIL AND PERSONAL SERVICES	12 652	11 754	314	9	176	129	489	95	1 928	5 660	3 595	812
CASHIERS	5 412	5 063	259	9	121	129	55	35	650	2 400	1 620	446
SALES RELATED OCCUPATIONS	72	72	-	-	-	-	-	-	14	43	2	8

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

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

TOLEDO, OH-MI SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	40 587	32 187	7 772	1 336	2 647	3 789	257	371	2 325	8 015	25 001	3 913
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	1 338	1 048	286	23	99	164	-	4	44	110	891	247
COMPUTER EQUIPMENT OPERATORS	811	697	108	27	46	35	6	-	13	146	528	120
SECRETARIES, STENOGRAPHERS, AND TYPISTS	15 091	11 757	3 090	193	1 306	1 591	69	175	667	2 715	10 038	1 295
SECRETARIES	13 017	10 448	2 373	132	1 031	1 210	40	156	600	2 335	8 618	1 145
RECEPTIONISTS	1 599	1 415	168	12	72	84	6	10	148	519	762	107
FILE CLERKS	533	367	160	27	77	56	-	6	87	122	235	41
FINANCIAL RECORDS PROCESSING OCCUPATIONS	6 082	5 307	536	28	185	323	124	115	319	1 038	3 810	749
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	4 909	4 274	396	28	138	230	124	115	267	866	3 080	565
TELEPHONE OPERATORS	810	715	89	6	51	32	6	-	12	175	551	51
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	1 011	361	645	607	11	27	5	-	191	152	504	126
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	945	895	50	-	23	27	-	-	30	182	606	91
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	213	207	6	-	6	-	-	-	-	14	159	40
BANK TELLERS	1 531	1 478	53	36	5	12	-	-	52	352	996	96
DATA-ENTRY KEYERS	894	831	61	13	32	16	2	-	19	98	597	140
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	9 729	7 109	2 520	364	734	1 422	39	61	743	2 392	5 324	810
SERVICE OCCUPATIONS	28 925	23 270	4 557	208	1 671	2 678	992	106	3 849	10 924	10 154	2 251
PRIVATE HOUSEHOLD OCCUPATIONS	1 374	1 354	-	-	-	-	20	-	376	540	264	119
PROTECTIVE SERVICE OCCUPATIONS	662	373	289	9	45	235	-	-	46	162	252	148
FIREFIGHTING OCCUPATIONS	7	-	7	-	-	7	-	-	-	-	-	7
POLICE AND DETECTIVES, PUBLIC SERVICE	53	-	53	-	-	53	-	-	-	25	20	8
GUARDS	508	365	143	3	38	102	-	-	46	137	158	122
OTHER PROTECTIVE SERVICE OCCUPATIONS	94	8	86	6	7	73	-	-	-	-	74	11
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	26 889	21 543	4 268	199	1 626	2 443	972	106	3 427	10 222	9 638	1 984
FOOD PREPARATION AND SERVICE OCCUPATIONS	13 578	11 640	1 777	43	707	1 027	113	48	2 097	5 959	3 546	948
WAITERS AND FOOD COUNTER WORKERS	6 890	6 733	123	-	108	15	24	10	1 061	3 398	1 553	456
COOKS	2 787	2 160	567	28	167	372	38	22	293	1 006	1 042	247
HEALTH SERVICE OCCUPATIONS	5 722	4 931	754	50	426	278	13	24	305	1 703	3 050	395
NURSING AIDES, ORDERLIES, AND ATTENDANTS	3 951	3 280	646	43	361	242	13	12	212	1 107	2 143	279
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	3 811	2 846	874	70	311	493	61	30	466	1 134	1 814	200
PERSONAL SERVICE OCCUPATIONS	3 778	2 126	863	36	182	645	785	4	559	1 426	1 228	441
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	1 601	1 125	9	-	9	-	467	-	133	700	543	179
FARMING, FORESTRY, AND FISHING OCCUPATIONS	904	520	29	7	16	6	226	129	121	281	303	161
FARM OPERATORS AND MANAGERS	197	11	-	-	-	-	186	-	53	41	37	63
FARM OCCUPATIONS, EXCEPT MANAGERIAL	541	420	-	-	-	-	-	121	40	189	212	76
RELATED AGRICULTURAL OCCUPATIONS	166	89	29	7	16	6	40	8	28	51	54	22
FORESTRY AND FISHING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	2 453	2 114	141	2	58	81	187	11	152	376	1 406	423
MECHANICS AND REPAIRERS	360	306	45	-	21	24	2	7	35	9	237	49
AUTOMOBILE MECHANICS, INCLUDING BODY	44	44	-	-	-	-	-	-	-	-	29	15
AIRCRAFT MECHANICS	7	7	-	-	-	-	-	-	-	-	7	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER MECHANICS AND REPAIRERS	309	255	45	-	21	24	2	7	35	9	201	34
CONSTRUCTION TRADES	214	170	8	-	2	6	36	-	25	40	94	38
CARPENTERS	20	13	2	-	2	-	5	-	-	7	11	-
ELECTRICIANS	44	44	-	-	-	-	-	-	-	8	29	7
PAINTERS, CONSTRUCTION AND MAINTENANCE	66	48	6	-	-	6	12	-	12	15	24	6
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	18	18	-	-	-	-	-	-	-	-	5	13
OTHER CONSTRUCTION TRADES	66	47	-	-	-	-	19	-	13	10	25	12
EXTRACTIVE OCCUPATIONS	8	8	-	-	-	-	-	-	-	-	2	6
PRECISION PRODUCTION OCCUPATIONS	1 871	1 630	88	2	35	51	149	4	92	327	1 073	330
SUPERVISORS, PRODUCTION OCCUPATIONS	603	558	41	-	19	22	4	-	7	53	378	153
MANUFACTURING	351	330	21	-	8	13	-	-	2	14	227	96
PRECISION METALWORKING OCCUPATIONS	109	109	-	-	-	-	-	-	10	13	58	24
TOOL AND DIE MAKERS	5	5	-	-	-	-	-	-	-	-	3	2
MACHINISTS	45	45	-	-	-	-	-	-	-	-	41	4
SHEET METAL WORKERS	4	4	-	-	-	-	-	-	-	-	-	-
OTHER PRECISION METAL WORKERS	55	55	-	-	-	-	-	-	10	13	14	18
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	359	267	2	-	2	-	88	2	28	114	192	20
PLANT AND SYSTEM OPERATORS	75	54	21	-	-	21	-	-	7	-	62	-
OTHER PRECISION PRODUCTION OCCUPATIONS	725	642	24	2	14	8	57	2	40	147	383	133

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

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

TOLEDO, OH-MI SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	13 304	12 053	1 081	56	143	882	111	59	581	2 561	7 707	1 393
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	8 733	8 504	157	19	44	94	53	19	238	1 072	5 791	876
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	5 056	4 870	141	12	44	85	26	19	169	657	3 273	539
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	858	852	6	6	-	-	-	-	40	101	531	80
PRINTING MACHINE OPERATORS	310	245	44	6	13	25	7	14	13	55	154	70
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	917	869	35	-	24	11	13	-	43	260	532	29
TEXTILE MACHINE OPERATORS	27	27	-	-	-	-	-	-	-	-	27	-
TEXTILE SEWING MACHINE OPERATORS	346	337	3	-	3	-	6	-	4	84	216	17
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	423	387	29	-	18	11	7	-	39	118	243	12
OTHER SPECIFIED MACHINE OPERATORS	1 228	1 187	36	-	7	29	-	5	56	136	835	126
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	1 743	1 717	20	-	-	20	6	-	17	105	1 221	234
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	424	422	-	-	-	-	2	-	7	39	314	27
MACHINE OPERATORS, NOT SPECIFIED	1 319	1 295	20	-	-	20	4	-	10	66	907	207
INDUSTRY:												
MANUFACTURING	1 591	1 578	9	-	-	9	4	-	10	92	1 136	204
NONDURABLE GOODS	677	668	9	-	-	9	-	-	10	45	497	79
FOOD AND KINDRED PRODUCTS	133	124	9	-	-	9	-	-	2	11	93	11
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	38	38	-	-	-	-	-	-	-	11	22	-
PAPER AND ALLIED PRODUCTS	129	129	-	-	-	-	-	-	-	14	87	20
OTHER NONDURABLE GOODS	377	377	-	-	-	-	-	-	8	9	295	48
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	914	910	-	-	-	-	4	-	-	47	639	125
METAL INDUSTRIES	219	219	-	-	-	-	-	-	-	17	130	58
MACHINERY, INCLUDING ELECTRICAL	270	270	-	-	-	-	-	-	-	19	194	19
TRANSPORTATION EQUIPMENT	179	179	-	-	-	-	-	-	-	-	117	25
OTHER DURABLE GOODS	246	242	-	-	-	-	4	-	-	11	198	23
NONMANUFACTURING INDUSTRIES	152	139	11	-	-	11	2	-	7	13	85	30
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	58	58	-	-	-	-	-	-	-	2	39	10
ALL OTHER INDUSTRIES	94	81	11	-	-	11	2	-	7	11	46	20
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	2 281	2 256	4	-	-	4	21	-	44	246	1 584	171
WELDERS AND CUTTERS	126	126	-	-	-	-	-	-	6	3	89	23
ASSEMBLERS	2 071	2 053	4	-	-	4	14	-	29	231	1 437	143
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	84	77	-	-	-	-	7	-	9	12	58	5
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 396	1 378	12	7	-	5	6	-	25	169	934	166
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	1 656	779	835	27	70	738	42	-	220	746	388	202
MOTOR VEHICLE OPERATORS	1 445	579	824	22	70	732	42	-	220	711	272	161
TRUCK DRIVERS AND DRIVER-SALES WORKERS	375	305	31	3	5	23	39	-	92	80	95	106
BUS DRIVERS	974	199	775	19	54	702	-	-	113	591	161	36
RAIL AND WATER TRANSPORTATION OCCUPATIONS	5	-	5	5	-	-	-	-	-	5	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	206	200	6	-	-	6	-	-	-	30	116	41
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	19	19	-	-	-	-	-	-	-	5	7	7
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	2 915	2 770	89	10	29	50	16	40	123	743	1 528	315
CONSTRUCTION LABORERS	20	15	5	-	-	5	-	-	6	-	14	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	702	679	-	-	-	-	7	16	44	278	270	89
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	84	83	-	-	-	-	-	1	16	26	18	8
HAND PACKERS AND PACKAGERS	1 152	1 102	38	10	7	21	3	9	30	210	704	120
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	152	134	18	-	14	4	-	-	1	46	92	5
LABORERS, EXCEPT CONSTRUCTION	805	757	28	-	8	20	6	14	26	183	430	93
MANUFACTURING	446	444	-	-	-	-	-	2	8	41	289	61
NONDURABLE GOODS	203	201	-	-	-	-	-	2	4	24	143	11
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	243	243	-	-	-	-	-	-	4	17	146	50
METAL INDUSTRIES	65	65	-	-	-	-	-	-	-	5	38	16
NONMANUFACTURING INDUSTRIES	359	313	28	-	8	20	6	12	18	142	141	32
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	38	38	-	-	-	-	-	-	-	7	12	4
WHOLESALE AND RETAIL TRADE	153	138	2	-	-	2	6	7	7	26	92	23
ALL OTHER INDUSTRIES	168	137	26	-	8	18	-	5	11	109	37	5

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

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

TOLEDO, OH-MI SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
WHITE												
MALES 16 YEARS AND OVER	174 461	142 933	19 237	3 209	5 117	10 911	11 943	348	5 412	16 897	85 474	60 923
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	39 046	27 510	8 031	545	2 863	4 623	3 473	32	732	2 092	16 711	18 682
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	21 428	17 273	2 623	406	819	1 398	1 510	22	239	745	8 463	11 540
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	470	-	470	61	69	340	-	-	21	35	244	170
MANAGEMENT RELATED OCCUPATIONS	4 150	3 151	720	173	257	290	279	-	72	207	2 129	1 658
PROFESSIONAL SPECIALTY OCCUPATIONS	17 618	10 237	5 408	139	2 044	3 225	1 963	10	493	1 347	8 248	7 142
ENGINEERS AND NATURAL SCIENTISTS	5 478	4 931	393	78	133	182	154	-	59	154	3 312	1 845
ENGINEERS	4 247	4 014	187	26	65	96	46	-	38	103	2 605	1 426
HEALTH DIAGNOSING OCCUPATIONS	1 599	849	174	11	142	21	576	-	23	153	399	1 000
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	924	699	167	6	72	89	58	-	30	91	337	466
TEACHERS, LIBRARIANS, AND COUNSELORS	4 788	777	3 985	16	1 465	2 504	26	-	177	520	2 170	1 761
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	2 842	445	2 397	2	97	2 298	-	-	66	260	1 409	1 093
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	28 391	23 513	2 796	1 323	663	810	2 057	25	954	2 486	13 374	10 779
HEALTH TECHNOLOGISTS AND TECHNICIANS	504	394	110	14	32	64	-	-	12	42	265	166
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	3 551	3 011	455	95	184	176	85	-	61	200	2 249	951
SALES OCCUPATIONS	14 157	12 049	153	21	95	37	1 932	23	573	1 331	5 194	6 771
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	2 850	2 262	14	-	7	7	574	-	36	82	835	1 871
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	6 735	5 743	66	16	22	28	924	2	117	346	2 981	3 127
OTHER SALES OCCUPATIONS	4 572	4 044	73	5	66	2	434	21	420	903	1 378	1 773
CASHIERS	549	541	2	-	-	2	6	-	83	188	165	94
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	10 179	8 059	2 078	1 193	352	533	40	2	308	913	5 666	2 891
COMPUTER EQUIPMENT OPERATORS	421	346	75	12	33	30	-	-	4	36	240	120
SECRETARIES, STENOGRAPHERS, AND TYPISTS	121	98	23	4	-	19	-	-	28	7	57	23
FINANCIAL RECORDS PROCESSING OCCUPATIONS	684	631	49	18	23	8	4	-	15	54	371	205
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	1 132	265	867	854	13	-	-	-	32	142	555	347
SERVICE OCCUPATIONS	13 950	9 570	3 942	171	848	2 923	415	23	1 282	3 506	5 464	3 232
PRIVATE HOUSEHOLD OCCUPATIONS	48	48	-	-	-	-	-	-	4	-	39	-
PROTECTIVE SERVICE OCCUPATIONS	3 836	1 569	2 267	54	267	1 946	-	-	105	395	1 689	1 553
POLICE AND FIREFIGHTERS	1 456	2	1 454	19	93	1 342	-	-	-	15	623	799
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	10 066	7 953	1 675	117	581	977	415	23	1 173	3 111	3 736	1 679
FOOD SERVICE OCCUPATIONS	3 910	3 631	172	8	143	21	106	1	702	1 893	768	433
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	4 992	3 580	1 310	109	298	903	80	22	427	872	2 542	926
FARMING, FORESTRY, AND FISHING OCCUPATIONS	4 046	1 443	315	11	70	234	2 182	106	374	736	1 245	1 562
FARM OPERATORS AND MANAGERS	2 269	190	-	-	-	-	2 079	-	208	300	572	1 132
FARM WORKERS AND RELATED OCCUPATIONS	1 681	1 223	272	11	70	191	84	102	159	424	632	404
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	40 172	35 390	1 686	350	323	1 013	2 965	131	587	2 965	21 888	13 319
MECHANICS AND REPAIRERS	13 186	11 524	753	199	149	405	843	66	181	759	7 120	4 773
CONSTRUCTION TRADES	12 305	9 852	567	95	140	332	1 858	28	318	1 676	7 005	2 829
PRECISION PRODUCTION OCCUPATIONS	14 567	13 905	361	56	34	271	264	37	88	530	7 734	5 634
OPERATORS, FABRICATORS, AND LABORERS	48 856	45 507	2 467	809	350	1 308	851	31	1 483	5 112	26 792	13 349
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	14 398	13 989	222	23	39	160	185	2	161	1 015	9 242	3 354
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	8 946	8 655	225	99	37	89	66	-	76	588	5 755	2 097
TRANSPORTATION OCCUPATIONS	10 839	9 314	1 050	523	111	416	468	7	362	779	4 203	4 992
MOTOR VEHICLE OPERATORS	8 788	7 762	558	40	107	411	461	7	326	659	3 210	4 217
MATERIAL MOVING EQUIPMENT OPERATORS	3 938	3 679	209	26	49	134	50	-	46	294	2 437	989
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	10 735	9 870	761	138	114	509	82	22	838	2 436	5 155	1 917
CONSTRUCTION LABORERS	1 389	1 079	296	20	28	248	-	14	64	183	927	160
FREIGHT, STOCK, AND MATERIAL HANDLERS	3 858	3 673	179	64	21	94	-	6	375	1 242	1 393	693

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

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

TOLEDO, OH-MI SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
WHITE												
FEMALES 16 YEARS AND OVER	123 619	96 664	22 329	1 538	6 878	13 913	3 660	966	10 336	33 193	60 090	14 245
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	26 303	15 317	9 772	274	2 346	7 152	1 037	177	1 824	5 289	13 390	4 808
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	8 025	6 280	1 139	150	375	614	461	145	362	935	4 472	2 045
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	237	-	237	38	33	166	-	-	21	40	159	9
MANAGEMENT RELATED OCCUPATIONS	1 986	1 711	220	34	104	82	55	-	98	275	1 143	408
PROFESSIONAL SPECIALTY OCCUPATIONS	18 278	9 037	8 633	124	1 971	6 538	576	32	1 462	4 354	8 918	2 763
ENGINEERS AND NATURAL SCIENTISTS	432	356	58	7	27	24	18	-	2	18	292	107
ENGINEERS	130	121	9	-	2	7	-	-	-	8	66	50
HEALTH DIAGNOSING OCCUPATIONS	165	93	61	6	55	-	11	-	6	27	37	89
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	5 398	4 414	937	26	588	323	39	8	234	1 641	2 637	609
TEACHERS, LIBRARIANS, AND COUNSELORS	9 638	2 577	6 801	49	1 047	5 705	246	14	931	2 129	4 745	1 427
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	7 434	1 917	5 507	41	261	5 205	10	-	576	1 528	3 961	1 180
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	57 585	48 206	7 711	1 073	2 973	3 665	1 180	488	4 276	15 124	30 290	5 676
HEALTH TECHNOLOGISTS AND TECHNICIANS	3 858	3 441	403	10	284	109	12	2	124	1 220	2 026	350
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	957	668	274	20	142	112	13	2	52	177	534	144
SALES OCCUPATIONS	15 094	13 771	301	14	170	117	903	119	1 967	6 077	4 750	1 469
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 200	995	12	-	10	2	185	8	20	165	582	379
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	1 887	1 603	5	5	-	-	263	16	123	494	828	298
OTHER SALES OCCUPATIONS	12 007	11 173	284	9	160	115	455	95	1 824	5 418	3 340	792
CASHIERS	5 067	4 759	235	9	111	115	38	35	597	2 262	1 501	424
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	37 676	30 326	6 733	1 029	2 377	3 327	252	365	2 133	7 650	22 980	3 713
COMPUTER EQUIPMENT OPERATORS	720	624	90	18	37	35	6	-	7	140	463	106
SECRETARIES, STENOGRAPHERS, AND TYPISTS	14 312	11 292	2 776	151	1 224	1 401	69	175	617	2 598	9 470	1 267
FINANCIAL RECORDS PROCESSING OCCUPATIONS	5 870	5 138	498	28	176	294	119	115	300	1 014	3 670	729
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	866	349	512	489	11	12	5	-	185	143	399	105
SERVICE OCCUPATIONS	25 156	20 354	3 768	144	1 388	2 236	928	106	3 455	9 928	8 297	1 962
PRIVATE HOUSEHOLD OCCUPATIONS	1 036	1 016	-	-	-	-	20	-	304	419	187	84
PROTECTIVE SERVICE OCCUPATIONS	547	297	250	-	40	210	-	-	46	159	156	132
POLICE AND FIREFIGHTERS	47	-	47	-	-	47	-	-	-	25	7	15
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	23 573	19 041	3 518	144	1 348	2 026	908	106	3 105	9 350	7 954	1 746
FOOD SERVICE OCCUPATIONS	12 574	10 823	1 598	32	666	900	105	48	1 943	5 652	3 151	888
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	2 972	2 193	688	63	239	386	61	30	397	928	1 330	165
FARMING, FORESTRY, AND FISHING OCCUPATIONS	848	474	29	7	16	6	220	125	119	265	269	157
FARM OPERATORS AND MANAGERS	191	11	-	-	-	-	180	-	53	35	37	63
FARM WORKERS AND RELATED OCCUPATIONS	657	463	29	7	16	6	40	125	66	230	232	94
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	2 271	1 940	133	2	50	81	187	11	144	353	1 304	399
MECHANICS AND REPAIRERS	324	270	45	-	21	24	2	7	27	9	224	41
CONSTRUCTION TRADES	207	165	6	-	-	6	36	-	25	40	87	38
PRECISION PRODUCTION OCCUPATIONS	1 732	1 497	82	2	29	51	149	4	92	304	991	314
OPERATORS, FABRICATORS, AND LABORERS	11 456	10 373	916	38	105	773	108	59	518	2 234	6 540	1 243
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	4 313	4 143	125	6	36	83	26	19	147	507	2 844	464
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	3 116	3 073	16	7	-	9	27	-	51	364	2 085	307
TRANSPORTATION OCCUPATIONS	1 296	544	713	21	60	632	39	-	215	647	212	156
MOTOR VEHICLE OPERATORS	1 291	544	708	16	60	632	39	-	215	642	212	156
MATERIAL MOVING EQUIPMENT OPERATORS	159	153	6	-	-	6	-	-	-	30	84	26
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	2 572	2 460	56	4	9	43	16	40	105	686	1 315	290
CONSTRUCTION LABORERS	20	15	5	-	-	5	-	-	6	-	14	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	658	635	-	-	-	-	7	16	44	264	250	89

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TOLEDO, OH-MI SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS TOTAL	FEDERAL	STATE	LOCAL	SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
BLACK												
MALES 16 YEARS AND OVER	10 378	7 963	2 065	396	566	1 103	336	14	424	1 197	6 325	1 927
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	1 424	759	590	70	159	361	75	-	59	147	794	390
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	705	448	214	39	42	133	43	-	21	44	406	219
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	47	-	47	-	6	41	-	-	-	-	47	-
MANAGEMENT RELATED OCCUPATIONS	190	126	59	17	21	21	5	-	-	12	141	37
PROFESSIONAL SPECIALTY OCCUPATIONS	719	311	376	31	117	228	32	-	38	103	388	171
ENGINEERS AND NATURAL SCIENTISTS	82	82	-	-	-	-	-	-	-	25	49	8
ENGINEERS	53	53	-	-	-	-	-	-	-	7	44	2
HEALTH DIAGNOSING OCCUPATIONS	57	13	27	5	22	-	17	-	-	5	5	47
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	35	35	-	-	-	-	-	-	-	-	15	20
TEACHERS, LIBRARIANS, AND COUNSELORS	334	81	253	8	60	185	-	-	34	58	199	29
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	186	11	175	-	8	167	-	-	-	37	128	11
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1 277	882	376	163	129	84	19	-	49	189	742	239
HEALTH TECHNOLOGISTS AND TECHNICIANS	31	25	6	-	6	-	-	-	-	-	26	5
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	150	127	23	-	13	10	-	-	-	24	81	33
SALES OCCUPATIONS	403	376	8	-	8	-	19	-	22	100	172	99
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	85	63	8	-	8	-	14	-	-	6	35	34
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	125	125	-	-	-	-	-	-	6	14	69	36
OTHER SALES OCCUPATIONS	193	188	-	-	-	-	5	-	16	80	68	29
CASHIERS	62	57	-	-	-	-	5	-	12	36	9	5
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	693	354	339	163	102	74	-	-	27	65	463	102
COMPUTER EQUIPMENT OPERATORS	29	23	6	-	-	6	-	-	-	-	17	8
SECRETARIES, STENOGRAPHERS, AND TYPISTS	22	15	7	2	5	-	-	-	-	-	17	-
FINANCIAL RECORDS PROCESSING OCCUPATIONS	6	-	6	-	-	6	-	-	-	-	6	-
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	131	21	110	104	-	6	-	-	-	6	96	29
SERVICE OCCUPATIONS	1 839	1 222	556	49	182	325	61	-	171	318	930	341
PRIVATE HOUSEHOLD OCCUPATIONS	6	6	-	-	-	-	-	-	-	-	-	6
PROTECTIVE SERVICE OCCUPATIONS	350	143	207	6	46	155	-	-	14	14	217	103
POLICE AND FIREFIGHTERS	114	-	114	6	21	87	-	-	-	6	44	64
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	1 483	1 073	349	43	136	170	61	-	157	304	713	232
FOOD SERVICE OCCUPATIONS	362	315	47	20	27	-	-	-	67	138	84	45
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	924	688	226	23	52	151	10	-	85	151	515	137
FARMING, FORESTRY, AND FISHING OCCUPATIONS	68	37	26	8	-	18	5	-	-	21	27	13
FARM OPERATORS AND MANAGERS	5	-	-	-	-	-	5	-	-	5	-	-
FARM WORKERS AND RELATED OCCUPATIONS	63	37	26	8	-	18	-	-	-	16	27	13
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	1 700	1 425	166	33	33	100	95	14	57	154	1 017	368
MECHANICS AND REPAIRERS	568	451	54	19	17	18	49	14	12	43	370	121
CONSTRUCTION TRADES	539	423	75	6	12	57	41	-	38	60	313	73
PRECISION PRODUCTION OCCUPATIONS	593	551	37	8	4	25	5	-	7	51	334	174
OPERATORS, FABRICATORS, AND LABORERS	4 070	3 638	351	73	63	215	81	-	88	368	2 815	576
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	1 399	1 326	55	7	26	22	18	-	17	119	938	199
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	742	727	15	8	-	7	-	-	25	35	621	42
TRANSPORTATION OCCUPATIONS	530	385	95	11	13	71	50	-	7	58	298	148
MOTOR VEHICLE OPERATORS	502	371	81	4	6	71	50	-	-	58	281	144
MATERIAL MOVING EQUIPMENT OPERATORS	402	388	14	5	2	7	-	-	-	14	314	71
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	997	812	172	42	22	108	13	-	39	142	644	116
CONSTRUCTION LABORERS	161	123	38	6	-	32	-	-	7	35	99	12
FREIGHT, STOCK, AND MATERIAL HANDLERS	194	139	55	4	6	45	-	-	13	35	111	20

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

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TOLEDO, OH-MI SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
BLACK												
FEMALES 16 YEARS AND OVER	10 445	7 253	3 088	481	780	1 827	104	-	723	2 336	5 972	806
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	1 910	700	1 190	109	236	845	20	-	77	488	1 054	205
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	478	234	228	57	64	107	16	-	-	59	360	46
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	50	-	50	14	17	19	-	-	-	4	40	-
MANAGEMENT RELATED OCCUPATIONS	178	96	77	30	23	24	5	-	-	16	142	13
PROFESSIONAL SPECIALTY OCCUPATIONS	1 432	466	962	52	172	738	4	-	77	429	694	159
ENGINEERS AND NATURAL SCIENTISTS	40	25	15	-	8	7	-	-	-	-	29	11
ENGINEERS	17	17	-	-	-	-	-	-	-	-	17	-
HEALTH DIAGNOSING OCCUPATIONS	7	-	7	-	7	-	-	-	-	-	-	7
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	308	215	93	13	54	26	-	-	9	67	159	50
TEACHERS, LIBRARIANS, AND COUNSELORS	738	110	624	10	70	544	4	-	52	313	268	60
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	607	62	545	10	42	493	-	-	21	265	226	50
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	3 616	2 571	1 019	299	249	471	26	-	262	657	2 329	236
HEALTH TECHNOLOGISTS AND TECHNICIANS	392	342	50	-	26	24	-	-	4	88	252	42
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	62	23	39	12	7	20	-	-	7	7	48	-
SALES OCCUPATIONS	722	676	25	-	11	14	21	-	107	246	294	46
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	37	37	-	-	-	-	-	-	-	6	25	6
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	90	90	-	-	-	-	-	-	7	7	57	19
OTHER SALES OCCUPATIONS	595	549	25	-	11	14	21	-	100	233	212	21
CASHIERS	300	277	19	-	5	14	4	-	42	125	105	15
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	2 440	1 530	905	287	205	413	5	-	144	316	1 735	148
COMPUTER EQUIPMENT OPERATORS	68	57	11	5	6	-	-	-	-	6	58	4
SECRETARIES, STENOGRAPHERS, AND TYPISTS	655	386	269	34	67	168	-	-	41	97	482	19
FINANCIAL RECORDS PROCESSING OCCUPATIONS	170	132	33	-	4	29	5	-	19	24	105	13
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	145	12	133	118	-	15	-	-	6	9	105	21
SERVICE OCCUPATIONS	3 334	2 548	728	55	264	409	58	-	322	894	1 632	262
PRIVATE HOUSEHOLD OCCUPATIONS	314	314	-	-	-	-	-	-	66	121	66	28
PROTECTIVE SERVICE OCCUPATIONS	110	71	39	9	5	25	-	-	-	3	91	16
POLICE AND FIREFIGHTERS	13	-	13	-	-	13	-	-	-	-	13	-
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	2 910	2 163	689	46	259	384	58	-	256	770	1 475	218
FOOD SERVICE OCCUPATIONS	794	621	167	11	39	117	6	-	114	232	322	40
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	741	578	163	7	58	98	-	-	64	194	410	35
FARMING, FORESTRY, AND FISHING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
FARM OPERATORS AND MANAGERS	-	-	-	-	-	-	-	-	-	-	-	-
FARM WORKERS AND RELATED OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	138	132	6	-	6	-	-	-	8	16	75	14
MECHANICS AND REPAIRERS	36	36	-	-	-	-	-	-	8	-	13	8
CONSTRUCTION TRADES	5	5	-	-	-	-	-	-	-	-	5	-
PRECISION PRODUCTION OCCUPATIONS	97	91	6	-	6	-	-	-	-	16	57	6
OPERATORS, FABRICATORS, AND LABORERS	1 447	1 302	145	18	25	102	-	-	54	281	882	89
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	590	576	14	6	8	-	-	-	13	124	334	52
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	483	483	-	-	-	-	-	-	18	46	367	23
TRANSPORTATION OCCUPATIONS	151	35	116	6	10	100	-	-	5	66	60	5
MOTOR VEHICLE OPERATORS	151	35	116	6	10	100	-	-	5	66	60	5
MATERIAL MOVING EQUIPMENT OPERATORS	4	4	-	-	-	-	-	-	-	-	4	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	219	204	15	6	7	2	-	-	18	45	117	9
CONSTRUCTION LABORERS	-	-	-	-	-	-	-	-	-	-	-	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	30	30	-	-	-	-	-	-	-	14	6	-

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

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

YOUNGSTOWN-WARREN, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
MALES 16 YEARS AND OVER	126 054	106 631	11 903	2 278	2 215	7 410	7 333	187	3 452	11 110	68 338	38 389
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	22 026	15 083	4 468	301	1 220	2 947	2 441	34	438	997	10 268	9 868
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	11 971	9 400	1 507	240	422	845	1 030	34	140	370	5 107	6 128
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	318	-	318	50	33	235	-	-	8	10	204	96
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	466	44	422	6	136	280	-	-	-	-	202	264
MANAGERS, MEDICINE AND HEALTH	116	88	23	-	11	12	5	-	-	6	57	53
OTHER SPECIFIED MANAGERS	2 163	1 992	106	54	27	25	57	8	9	33	913	1 170
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	5 554	5 325	229	37	56	136	-	-	39	172	2 088	3 129
MANUFACTURING	1 711	1 704	7	-	-	7	-	-	5	11	719	929
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	473	453	20	13	-	7	-	-	-	-	206	250
WHOLESALE AND RETAIL TRADE	1 881	1 881	-	-	-	-	-	-	29	109	560	1 170
ALL OTHER INDUSTRIES	1 489	1 287	202	24	56	122	-	-	5	52	603	780
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	822	-	-	-	-	-	796	26	41	43	179	541
CONSTRUCTION	111	-	-	-	-	-	111	-	16	10	53	32
MANUFACTURING	129	-	-	-	-	-	122	7	-	-	20	97
WHOLESALE AND RETAIL TRADE	364	-	-	-	-	-	345	19	13	27	71	247
ALL OTHER INDUSTRIES	218	-	-	-	-	-	218	-	12	6	35	165
MANAGEMENT RELATED OCCUPATIONS	2 532	1 951	409	93	159	157	172	-	43	106	1 464	875
ACCOUNTANTS AND AUDITORS	1 038	812	96	19	47	30	130	-	17	12	576	417
BUYERS AND PURCHASING AGENTS	445	426	17	-	8	9	2	-	2	28	276	139
PROFESSIONAL SPECIALTY OCCUPATIONS	10 055	5 683	2 961	61	798	2 102	1 411	-	298	627	5 161	3 740
ENGINEERS, ARCHITECTS, AND SURVEYORS	2 594	2 417	97	21	31	45	80	-	25	67	1 636	791
ARCHITECTS	59	40	-	-	-	-	19	-	-	-	26	33
ENGINEERS	2 513	2 371	88	14	29	45	54	-	25	67	1 597	749
ELECTRICAL AND ELECTRONIC ENGINEERS	391	372	12	-	6	6	7	-	4	6	262	119
MECHANICAL ENGINEERS	515	503	6	-	6	-	6	-	5	33	277	194
OTHER ENGINEERS	1 607	1 496	70	14	17	39	41	-	16	28	1 058	436
SURVEYORS AND MAPPING SCIENTISTS	22	6	9	7	2	-	7	-	-	-	13	9
MATHEMATICAL AND COMPUTER SCIENTISTS	165	163	2	2	-	-	-	-	5	-	119	41
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	100	100	-	-	-	-	-	-	5	-	56	39
NATURAL SCIENTISTS	175	124	46	6	22	18	5	-	-	5	113	57
HEALTH DIAGNOSING OCCUPATIONS	1 279	646	26	-	14	12	607	-	24	106	353	760
PHYSICIANS	740	477	26	-	14	12	237	-	6	22	101	581
DENTISTS	321	122	-	-	-	-	199	-	13	42	177	83
OTHER HEALTH DIAGNOSING PRACTITIONERS	218	47	-	-	-	-	171	-	5	42	75	96
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	551	478	38	-	12	26	35	-	5	41	212	281
REGISTERED NURSES	82	76	-	-	-	-	6	-	-	11	50	15
PHARMACISTS	293	270	-	-	-	-	23	-	5	-	89	193
THERAPISTS	120	95	23	-	4	19	2	-	-	17	49	54
TEACHERS, LIBRARIANS, AND COUNSELORS	2 856	465	2 374	2	586	1 786	17	-	135	231	1 711	718
TEACHERS, POSTSECONDARY	416	51	365	-	343	22	-	-	47	79	126	120
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	1 274	152	1 122	2	130	990	-	-	44	74	869	287
TEACHERS, SECONDARY	818	140	678	-	44	634	-	-	31	32	509	240
SOCIAL SCIENTISTS AND URBAN PLANNERS	95	46	40	-	13	27	9	-	5	-	51	39
SOCIAL AND RECREATION WORKERS	265	63	202	20	42	140	-	-	9	22	184	50
RELIGIOUS WORKERS	563	454	-	-	-	-	109	-	14	29	164	351
LAWYERS AND JUDGES	631	196	89	10	37	42	346	-	7	41	231	346
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	881	631	47	-	41	6	203	-	69	85	387	306
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	18 628	15 536	1 854	1 129	316	409	1 230	8	594	1 548	9 647	6 337
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	2 287	1 982	272	65	68	139	33	-	45	125	1 342	682
HEALTH TECHNOLOGISTS AND TECHNICIANS	259	197	54	10	7	37	8	-	-	15	134	110
LICENSED PRACTICAL NURSES	12	7	5	-	-	5	-	-	-	-	5	7
ENGINEERING AND SCIENCE TECHNICIANS	1 477	1 338	114	20	27	67	25	-	18	82	957	354
ELECTRICAL AND ELECTRONIC TECHNICIANS	166	139	27	15	12	-	-	-	-	7	103	56
DRAFTING AND SURVEYING TECHNICIANS	637	582	38	-	8	30	17	-	11	56	411	145
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	551	447	104	35	34	35	-	-	27	28	251	218
AIRPLANE PILOTS AND NAVIGATORS	62	62	-	-	-	-	-	-	5	10	11	28
COMPUTER PROGRAMMERS	170	158	12	-	3	9	-	-	-	11	99	53
SALES OCCUPATIONS	9 004	7 716	113	2	98	13	1 167	8	399	814	3 669	3 916
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	2 084	1 582	53	-	53	-	449	-	30	107	653	1 237
SELF-EMPLOYED	449	-	-	-	-	-	449	-	6	15	100	321
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	1 629	1 318	6	-	-	6	305	-	35	127	763	668
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	2 128	1 984	-	-	-	-	144	-	27	77	1 111	844
SALES WORKERS, RETAIL AND PERSONAL SERVICES	3 155	2 832	54	2	45	7	261	8	307	497	1 140	1 167
CASHIERS	269	226	26	-	26	-	9	8	11	78	141	37
SALES RELATED OCCUPATIONS	8	-	-	-	-	-	8	-	-	6	2	-

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

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

YOUNGSTOWN-WARREN, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	7 337	5 838	1 469	1 062	150	257	30	-	150	609	4 636	1 739
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	1 069	843	226	154	27	45	-	-	-	23	664	367
COMPUTER EQUIPMENT OPERATORS	121	110	11	-	5	6	-	-	-	7	85	22
SECRETARIES, STENOGRAPHERS, AND TYPISTS	70	58	12	-	-	12	-	-	-	-	42	28
SECRETARIES	57	50	7	-	-	7	-	-	-	-	29	28
RECEPTIONISTS	10	10	-	-	-	-	-	-	-	6	4	-
FILE CLERKS	77	69	8	8	-	-	-	-	-	16	34	27
FINANCIAL RECORDS PROCESSING OCCUPATIONS	388	341	42	20	11	11	5	-	17	51	246	69
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	219	179	35	19	11	5	5	-	17	30	148	24
TELEPHONE OPERATORS	24	24	-	-	-	-	-	-	-	-	18	6
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	962	200	762	746	-	16	-	-	28	100	640	171
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	1 840	1 788	44	6	5	33	8	-	15	166	1 163	431
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	185	179	-	-	-	-	6	-	-	6	138	29
BANK TELLERS	53	53	-	-	-	-	-	-	-	4	42	7
DATA-ENTRY KEYERS	26	20	6	6	-	-	-	-	-	14	12	-
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	2 512	2 143	358	122	102	134	11	-	90	216	1 548	582
SERVICE OCCUPATIONS	10 387	7 375	2 604	163	320	2 121	375	33	828	2 350	4 668	2 200
PRIVATE HOUSEHOLD OCCUPATIONS	6	6	-	-	-	-	-	-	-	-	-	6
PROTECTIVE SERVICE OCCUPATIONS	2 663	1 160	1 496	91	140	1 265	7	-	56	357	1 289	885
FIREFIGHTING OCCUPATIONS	373	-	373	27	6	340	-	-	3	-	33	329
POLICE AND DETECTIVES, PUBLIC SERVICE	669	-	669	38	74	557	-	-	7	-	444	207
GUARDS	1 306	1 116	183	26	35	122	7	-	39	351	628	241
OTHER PROTECTIVE SERVICE OCCUPATIONS	315	44	271	-	25	246	-	-	7	6	184	108
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	7 718	6 209	1 108	72	180	856	368	33	772	1 993	3 379	1 309
FOOD PREPARATION AND SERVICE OCCUPATIONS	2 782	2 629	39	-	23	16	90	24	416	1 228	592	435
WAITERS AND FOOD COUNTER WORKERS	244	236	8	-	8	-	-	-	16	151	52	16
COOKS	1 129	1 108	6	-	6	-	-	15	172	508	254	137
HEALTH SERVICE OCCUPATIONS	428	364	64	7	28	29	-	-	22	49	289	58
NURSING AIDES, ORDERLIES, AND ATTENDANTS	310	275	35	-	18	17	-	-	-	34	241	25
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	3 931	2 901	972	57	127	788	49	9	251	659	2 287	616
PERSONAL SERVICE OCCUPATIONS	577	315	33	8	2	23	229	-	83	57	211	200
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	335	106	-	-	-	-	229	-	8	25	115	180
FARMING, FORESTRY, AND FISHING OCCUPATIONS	1 668	834	123	9	19	95	637	74	140	287	531	663
FARM OPERATORS AND MANAGERS	699	94	-	-	-	-	605	-	54	66	136	433
FARM OCCUPATIONS, EXCEPT MANAGERIAL	383	306	-	-	-	-	5	72	52	92	77	148
RELATED AGRICULTURAL OCCUPATIONS	472	347	111	9	12	90	12	2	34	101	260	54
FORESTRY AND FISHING OCCUPATIONS	114	87	12	-	7	5	15	-	-	28	58	28
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	27 917	24 757	1 117	185	172	760	2 017	26	458	1 706	15 881	8 823
MECHANICS AND REPAIRERS	10 004	8 702	562	131	72	359	730	10	159	520	5 752	3 241
AUTOMOBILE MECHANICS, INCLUDING BODY	2 781	2 202	108	8	15	85	461	10	50	188	1 490	996
AIRCRAFT MECHANICS	33	12	16	16	-	-	5	-	-	-	33	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	232	170	7	1	6	-	55	-	23	9	130	65
OTHER MECHANICS AND REPAIRERS	6 958	6 318	431	106	51	274	209	-	86	323	4 099	2 180
CONSTRUCTION TRADES	7 410	5 975	386	37	69	280	1 041	8	228	795	4 339	1 709
CARPENTERS	1 505	1 086	70	12	21	37	349	-	112	259	765	260
ELECTRICIANS	1 623	1 519	36	16	-	20	68	-	-	51	979	556
PAINTERS, CONSTRUCTION AND MAINTENANCE	364	229	58	-	7	51	77	-	31	91	176	48
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	1 126	1 026	22	-	-	22	78	-	9	76	742	258
OTHER CONSTRUCTION TRADES	2 792	2 115	200	9	41	150	469	8	76	318	1 677	587
EXTRACTIVE OCCUPATIONS	133	133	-	-	-	-	-	-	-	9	37	82
PRECISION PRODUCTION OCCUPATIONS	10 370	9 947	169	17	31	121	246	8	71	382	5 753	3 791
SUPERVISORS, PRODUCTION OCCUPATIONS	5 005	4 864	73	-	24	49	63	5	41	124	2 612	2 081
MANUFACTURING	4 292	4 262	2	-	-	2	28	-	21	89	2 239	1 804
PRECISION METALWORKING OCCUPATIONS	3 396	3 356	16	11	-	5	21	3	13	168	1 874	1 181
TOOL AND DIE MAKERS	1 234	1 234	-	-	-	-	-	-	2	42	658	488
MACHINISTS	1 467	1 448	16	11	-	5	-	3	-	78	811	489
SHEET METAL WORKERS	188	188	-	-	-	-	-	-	6	24	102	47
OTHER PRECISION METAL WORKERS	507	486	-	-	-	-	21	-	5	24	303	157
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	121	75	-	-	-	-	46	-	8	18	54	41
PLANT AND SYSTEM OPERATORS	477	392	80	6	7	67	5	-	-	10	320	139
OTHER PRECISION PRODUCTION OCCUPATIONS	1 371	1 260	-	-	-	-	111	-	9	62	893	349

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

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

YOUNGSTOWN-WARREN, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS TOTAL	GOVERNMENT WORKERS FEDERAL	GOVERNMENT WORKERS STATE	GOVERNMENT WORKERS LOCAL	SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	45 428	43 046	1 737	491	168	1 078	633	12	994	4 222	27 343	10 498
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	23 520	23 008	360	137	49	174	152	-	261	1 414	15 521	5 230
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	13 153	12 912	155	33	30	92	86	-	126	807	8 585	2 949
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	3 385	3 369	8	-	8	-	8	-	27	232	2 136	806
PRINTING MACHINE OPERATORS	438	428	5	-	5	-	5	-	6	28	288	107
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	262	212	6	-	6	-	44	-	5	21	180	56
TEXTILE MACHINE OPERATORS	57	52	-	-	-	-	5	-	-	-	45	12
TEXTILE SEWING MACHINE OPERATORS	25	19	6	-	6	-	-	-	-	-	21	4
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	158	119	-	-	-	-	39	-	5	11	102	40
OTHER SPECIFIED MACHINE OPERATORS	4 269	4 189	58	10	11	37	22	-	44	229	2 828	912
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	4 799	4 714	78	23	-	55	7	-	44	297	3 153	1 068
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	1 552	1 539	7	-	-	7	6	-	14	111	1 034	312
MACHINE OPERATORS, NOT SPECIFIED	3 247	3 175	71	23	-	48	1	-	30	186	2 119	756
INDUSTRY:												
MANUFACTURING	4 531	4 512	17	-	-	17	2	-	42	285	2 996	992
NONDURABLE GOODS	460	460	-	-	-	-	-	-	-	37	304	87
FOOD AND KINDRED PRODUCTS	28	28	-	-	-	-	-	-	-	-	12	16
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	-	-	-	-	-	-	-	-	-	-	-	-
PAPER AND ALLIED PRODUCTS	36	36	-	-	-	-	-	-	-	6	14	16
OTHER NONDURABLE GOODS	396	396	-	-	-	-	-	-	-	31	278	55
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	4 071	4 052	17	-	-	17	2	-	42	248	2 692	905
METAL INDUSTRIES	3 164	3 153	11	-	-	11	-	-	35	207	2 122	648
MACHINERY, INCLUDING ELECTRICAL	460	454	6	-	-	6	-	-	6	28	261	138
TRANSPORTATION EQUIPMENT	265	265	-	-	-	-	-	-	-	8	191	61
OTHER DURABLE GOODS	182	180	-	-	-	-	2	-	1	5	118	58
NONMANUFACTURING INDUSTRIES	268	202	61	23	-	38	5	-	2	12	157	76
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	97	59	38	23	-	15	-	-	-	-	71	21
WHOLESALE AND RETAIL TRADE	54	52	-	-	-	-	2	-	2	-	18	25
ALL OTHER INDUSTRIES	117	91	23	-	-	23	3	-	-	12	68	30
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	8 409	8 190	160	89	5	66	59	-	129	485	5 630	1 839
WELDERS AND CUTTERS	3 136	3 017	105	75	-	30	14	-	32	189	2 152	659
ASSEMBLERS	5 059	5 014	38	14	5	19	7	-	84	274	3 367	1 119
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	214	159	17	-	-	17	38	-	13	22	111	61
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 958	1 906	45	15	14	16	7	-	6	122	1 306	442
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	11 811	10 657	756	242	55	459	391	7	232	797	6 067	3 985
MOTOR VEHICLE OPERATORS	6 272	5 486	436	28	53	355	343	7	180	554	2 575	2 639
TRUCK DRIVERS AND DRIVER-SALES WORKERS	5 688	5 106	252	18	37	197	323	7	129	458	2 332	2 468
BUS DRIVERS	256	88	161	10	5	146	7	-	11	53	110	75
RAIL AND WATER TRANSPORTATION OCCUPATIONS	962	755	207	202	-	5	-	-	13	36	517	275
MATERIAL MOVING EQUIPMENT OPERATORS	4 577	4 416	113	12	2	99	48	-	39	207	2 975	1 071
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	232	188	30	-	-	30	14	-	6	6	150	65
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	10 097	9 381	621	112	64	445	90	5	501	2 011	5 755	1 283
CONSTRUCTION LABORERS	959	727	232	7	2	223	-	-	65	190	611	60
FREIGHT, STOCK, AND MATERIAL HANDLERS	3 147	3 005	134	61	21	52	8	-	240	920	1 481	317
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	895	854	11	-	-	11	30	-	64	349	294	154
HAND PACKERS AND PACKAGERS	423	423	-	-	-	-	-	-	14	39	265	72
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	1 059	1 016	33	4	7	22	5	5	50	193	628	137
LABORERS, EXCEPT CONSTRUCTION	3 614	3 356	211	40	34	137	47	-	68	320	2 476	543
MANUFACTURING	2 447	2 403	36	19	12	5	8	-	13	126	1 837	298
NONDURABLE GOODS	120	120	-	-	-	-	-	-	4	-	93	9
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	2 327	2 283	36	19	12	5	8	-	9	126	1 744	289
METAL INDUSTRIES	1 902	1 858	36	19	12	5	8	-	9	101	1 422	222
NONMANUFACTURING INDUSTRIES	1 167	953	175	21	22	132	39	-	55	194	639	245
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	289	188	95	14	7	74	6	-	11	36	221	21
WHOLESALE AND RETAIL TRADE	608	591	4	-	-	4	13	-	13	93	310	165
ALL OTHER INDUSTRIES	270	174	76	7	15	54	20	-	31	65	108	59

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

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

YOUNGSTOWN-WARREN, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
FEMALES 16 YEARS AND OVER	83 728	68 584	12 422	1 046	2 392	8 984	2 184	538	6 088	22 710	43 079	8 058
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	16 759	10 271	5 804	196	913	4 695	590	94	1 081	3 419	9 413	2 348
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	4 518	3 543	602	91	167	344	288	85	157	719	2 410	1 116
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	102	-	102	15	13	74	-	-	13	21	62	6
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	275	84	171	-	67	104	20	-	10	37	167	61
MANAGERS, MEDICINE AND HEALTH	98	81	17	-	5	12	-	-	-	5	56	31
OTHER SPECIFIED MANAGERS	626	584	11	11	-	-	15	16	33	80	360	134
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	2 025	1 872	153	27	22	104	-	-	61	363	991	548
MANUFACTURING	122	122	-	-	-	-	-	-	-	13	62	47
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	79	79	-	-	-	-	-	-	5	5	37	32
WHOLESALE AND RETAIL TRADE	872	872	-	-	-	-	-	-	27	181	351	268
ALL OTHER INDUSTRIES	952	799	153	27	22	104	-	-	29	164	541	201
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	281	-	-	-	-	-	222	59	20	66	67	126
CONSTRUCTION	19	-	-	-	-	-	12	7	7	7	-	5
MANUFACTURING	12	-	-	-	-	-	12	-	-	-	7	5
WHOLESALE AND RETAIL TRADE	164	-	-	-	-	-	150	14	13	40	26	83
ALL OTHER INDUSTRIES	86	-	-	-	-	-	48	38	-	19	34	33
MANAGEMENT RELATED OCCUPATIONS	1 111	922	148	38	60	50	31	10	20	147	707	210
ACCOUNTANTS AND AUDITORS	346	281	63	15	19	29	2	-	6	33	224	77
BUYERS AND PURCHASING AGENTS	245	226	12	7	5	-	7	-	-	30	146	59
PROFESSIONAL SPECIALTY OCCUPATIONS	12 241	6 728	5 202	105	746	4 351	302	9	924	2 700	7 003	1 232
ENGINEERS, ARCHITECTS, AND SURVEYORS	130	125	5	-	5	-	-	-	-	10	90	30
ARCHITECTS	-	-	-	-	-	-	-	-	-	-	-	-
ENGINEERS	130	125	5	-	5	-	-	-	-	10	90	30
ELECTRICAL AND ELECTRONIC ENGINEERS	18	13	5	-	5	-	-	-	-	5	13	-
MECHANICAL ENGINEERS	17	17	-	-	-	-	-	-	-	-	17	-
OTHER ENGINEERS	95	95	-	-	-	-	-	-	-	5	60	30
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	31	31	-	-	-	-	-	-	-	-	31	-
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	11	11	-	-	-	-	-	-	-	-	11	-
NATURAL SCIENTISTS	58	28	30	10	-	20	-	-	-	6	28	18
HEALTH DIAGNOSING OCCUPATIONS	72	51	11	-	-	11	10	-	-	-	43	29
PHYSICIANS	57	36	11	-	-	11	10	-	-	-	28	29
DENTISTS	6	6	-	-	-	-	-	-	-	-	6	-
OTHER HEALTH DIAGNOSING PRACTITIONERS	9	9	-	-	-	-	-	-	-	-	9	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	3 894	3 440	380	13	105	262	74	-	135	1 241	2 170	255
REGISTERED NURSES	3 389	3 062	277	13	54	210	50	-	113	1 110	1 850	223
PHARMACISTS	55	55	-	-	-	-	-	-	10	7	25	13
THERAPISTS	285	182	85	-	44	41	18	-	4	90	177	14
TEACHERS, LIBRARIANS, AND COUNSELORS	6 331	2 040	4 213	43	492	3 678	78	-	569	1 122	3 750	662
TEACHERS, POSTSECONDARY	250	77	173	-	160	13	-	-	73	56	74	24
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	4 263	1 274	2 978	29	207	2 742	11	-	316	759	2 675	388
TEACHERS, SECONDARY	982	280	702	7	25	670	-	-	39	135	663	108
SOCIAL SCIENTISTS AND URBAN PLANNERS	65	27	32	-	12	20	6	-	-	6	54	-
SOCIAL AND RECREATION WORKERS	674	195	479	39	102	338	-	-	36	66	473	91
RELIGIOUS WORKERS	111	97	-	-	-	-	14	-	28	33	16	34
LAWYERS AND JUDGES	41	19	15	-	15	-	7	-	-	15	19	7
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	834	675	37	-	15	22	113	9	156	201	329	106
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	36 165	31 206	4 070	694	1 070	2 306	622	267	2 437	10 096	19 303	2 865
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	2 825	2 541	259	4	88	167	25	-	111	650	1 715	217
HEALTH TECHNOLOGISTS AND TECHNICIANS	2 258	2 150	90	-	29	61	18	-	76	582	1 360	145
LICENSED PRACTICAL NURSES	1 255	1 199	43	-	8	35	13	-	35	377	720	58
ENGINEERING AND SCIENCE TECHNICIANS	156	124	25	-	15	10	7	-	-	11	100	26
ELECTRICAL AND ELECTRONIC TECHNICIANS	14	14	-	-	-	-	-	-	-	-	14	-
DRAFTING AND SURVEYING TECHNICIANS	32	20	5	-	-	5	7	-	-	7	25	-
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	411	267	144	4	44	96	-	-	35	57	255	46
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	133	103	30	-	25	5	-	-	-	9	98	19
SALES OCCUPATIONS	10 865	10 200	162	-	64	98	451	52	1 301	4 781	3 420	845
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	969	857	4	-	4	-	108	-	11	171	449	319
SELF-EMPLOYED	108	-	-	-	-	-	108	-	11	39	18	40
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	933	774	-	-	-	-	159	-	130	278	330	122
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	316	296	-	-	-	-	14	6	45	73	141	50
SALES WORKERS, RETAIL AND PERSONAL SERVICES	8 632	8 265	158	-	60	98	163	46	1 106	4 253	2 500	354
CASHIERS	3 586	3 452	115	-	33	82	4	15	363	1 888	985	175
SALES RELATED OCCUPATIONS	15	8	-	-	-	-	7	-	9	6	-	-

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

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

YOUNGSTOWN-WARREN, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	22 475	18 465	3 649	690	918	2 041	146	215	1 025	4 665	14 168	1 803
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	775	653	116	21	33	62	-	6	13	88	555	109
COMPUTER EQUIPMENT OPERATORS	294	265	29	11	11	7	-	-	5	20	234	28
SECRETARIES, STENOGRAPHERS, AND TYPISTS	8 115	6 570	1 419	123	404	892	63	63	347	1 472	5 412	633
SECRETARIES	7 136	5 945	1 084	72	298	714	44	63	298	1 310	4 739	589
RECEPTIONISTS	804	691	98	9	22	67	-	15	64	319	367	54
FILE CLERKS	184	145	39	-	2	37	-	-	19	36	122	-
FINANCIAL RECORDS PROCESSING OCCUPATIONS	3 344	2 943	255	29	70	156	33	113	243	687	1 997	323
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	2 646	2 311	195	10	55	130	33	107	219	561	1 547	239
TELEPHONE OPERATORS	544	512	32	20	6	6	-	-	7	124	378	14
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	348	114	228	222	6	-	6	-	42	71	172	57
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	516	508	6	-	-	6	2	-	46	136	229	74
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	102	102	-	-	-	-	-	-	-	17	75	4
BANK TELLERS	1 143	1 090	48	34	-	14	5	-	15	242	828	18
DATA-ENTRY KEYERS	648	615	33	5	6	22	-	-	27	65	487	45
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	5 658	4 257	1 346	216	358	772	37	18	197	1 388	3 312	444
SERVICE OCCUPATIONS	16 132	13 540	1 826	104	289	1 433	685	81	2 134	6 547	5 729	1 034
PRIVATE HOUSEHOLD OCCUPATIONS	901	901	-	-	-	-	-	-	250	301	227	53
PROTECTIVE SERVICE OCCUPATIONS	285	120	156	-	-	156	9	-	59	80	95	45
FIREFIGHTING OCCUPATIONS	15	-	15	-	-	15	-	-	-	-	-	15
POLICE AND DETECTIVES, PUBLIC SERVICE	31	-	31	-	-	31	-	-	8	-	17	-
GUARDS	228	115	104	-	-	104	9	-	51	80	67	30
OTHER PROTECTIVE SERVICE OCCUPATIONS	11	5	6	-	-	6	-	-	-	-	11	-
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	14 946	12 519	1 670	104	289	1 277	676	81	1 825	6 166	5 407	936
FOOD PREPARATION AND SERVICE OCCUPATIONS	7 440	6 547	751	36	130	585	95	47	948	3 582	2 107	467
WAITERS AND FOOD COUNTER WORKERS	3 779	3 698	28	11	-	17	32	21	486	1 937	963	245
COOKS	1 791	1 432	302	8	64	230	43	14	142	814	631	106
HEALTH SERVICE OCCUPATIONS	3 157	2 867	271	11	64	196	2	17	123	783	1 869	232
NURSING AIDES, ORDERLIES, AND ATTENDANTS	2 061	1 846	211	-	55	156	2	2	71	460	1 251	163
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	2 194	1 845	306	16	70	220	41	2	387	804	823	106
PERSONAL SERVICE OCCUPATIONS	2 155	1 260	342	41	25	276	538	15	367	997	608	131
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	1 172	680	-	-	-	-	477	15	152	584	358	45
FARMING, FORESTRY, AND FISHING OCCUPATIONS	428	234	18	-	-	18	129	47	48	115	134	87
FARM OPERATORS AND MANAGERS	105	11	-	-	-	-	94	-	15	12	28	45
FARM OCCUPATIONS, EXCEPT MANAGERIAL	185	135	5	-	-	5	-	45	2	53	78	33
RELATED AGRICULTURAL OCCUPATIONS	136	88	13	-	-	13	35	-	31	48	28	9
FORESTRY AND FISHING OCCUPATIONS	2	-	-	-	-	-	-	2	-	2	-	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	1 504	1 404	19	-	16	3	74	7	30	318	805	259
MECHANICS AND REPAIRERS	206	195	11	-	8	3	-	-	4	18	109	55
AUTOMOBILE MECHANICS, INCLUDING BODY	23	23	-	-	-	-	-	-	-	-	12	11
AIRCRAFT MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER MECHANICS AND REPAIRERS	183	172	11	-	8	3	-	-	4	18	97	44
CONSTRUCTION TRADES	116	87	-	-	-	-	29	-	-	41	62	13
CARPENTERS	16	12	-	-	-	-	4	-	-	7	9	-
ELECTRICIANS	9	9	-	-	-	-	-	-	-	-	3	6
PAINTERS, CONSTRUCTION AND MAINTENANCE	23	23	-	-	-	-	-	-	-	-	21	2
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	13	6	-	-	-	-	7	-	-	7	6	-
OTHER CONSTRUCTION TRADES	55	37	-	-	-	-	18	-	-	27	23	5
EXTRACTIVE OCCUPATIONS	10	10	-	-	-	-	-	-	-	-	5	5
PRECISION PRODUCTION OCCUPATIONS	1 172	1 112	8	-	8	-	45	7	26	259	629	186
SUPERVISORS, PRODUCTION OCCUPATIONS	390	382	2	-	2	-	-	6	-	38	240	96
MANUFACTURING	211	203	2	-	2	-	-	6	-	7	141	57
PRECISION METALWORKING OCCUPATIONS	70	70	-	-	-	-	-	-	-	11	47	12
TOOL AND DIE MAKERS	14	14	-	-	-	-	-	-	-	6	2	6
MACHINISTS	18	18	-	-	-	-	-	-	-	-	14	4
SHEET METAL WORKERS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER PRECISION METAL WORKERS	38	38	-	-	-	-	-	-	-	5	31	2
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	249	203	-	-	-	-	45	1	17	113	87	16
PLANT AND SYSTEM OPERATORS	7	7	-	-	-	-	-	-	-	-	-	-
OTHER PRECISION PRODUCTION OCCUPATIONS	456	450	6	-	6	-	-	-	9	97	255	62

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

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

YOUNGSTOWN-WARREN, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
OPERATORS, FABRICATORS, AND LABORERS	12 740	11 929	685	52	104	529	84	42	358	2 215	7 695	1 465
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	9 474	9 278	127	32	32	63	59	10	148	1 133	6 187	1 170
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	4 751	4 613	69	12	22	35	59	10	84	634	3 068	608
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	1 007	999	3	-	-	3	-	5	-	76	667	157
PRINTING MACHINE OPERATORS	127	111	16	10	-	6	-	-	-	21	75	16
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	960	916	25	-	11	14	19	-	25	209	643	50
TEXTILE MACHINE OPERATORS	155	155	-	-	-	-	-	-	1	29	109	7
TEXTILE SEWING MACHINE OPERATORS	317	311	-	-	-	-	6	-	5	57	238	6
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	365	332	20	-	6	14	13	-	12	86	229	25
OTHER SPECIFIED MACHINE OPERATORS	1 203	1 196	7	-	-	7	-	-	22	121	822	182
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	1 454	1 391	18	2	11	5	40	5	37	207	861	203
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	500	461	6	2	4	-	33	-	20	63	297	78
MACHINE OPERATORS, NOT SPECIFIED	954	930	12	-	7	5	7	5	17	144	564	125
INDUSTRY:												
MANUFACTURING	1 297	1 283	9	-	4	5	-	5	24	151	788	197
NONDURABLE GOODS	288	279	4	-	4	-	-	5	4	40	190	14
FOOD AND KINDRED PRODUCTS	29	24	-	-	-	-	-	5	-	10	19	-
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	23	23	-	-	-	-	-	-	-	-	16	-
PAPER AND ALLIED PRODUCTS	24	24	-	-	-	-	-	-	-	-	15	1
OTHER NONDURABLE GOODS	212	208	4	-	4	-	-	-	4	30	140	13
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	1 009	1 004	5	-	-	5	-	-	20	111	598	183
METAL INDUSTRIES	309	309	-	-	-	-	-	-	6	34	201	40
MACHINERY, INCLUDING ELECTRICAL	464	459	5	-	-	5	-	-	14	34	270	116
TRANSPORTATION EQUIPMENT	132	132	-	-	-	-	-	-	-	21	66	13
OTHER DURABLE GOODS	104	104	-	-	-	-	-	-	-	22	61	14
NONMANUFACTURING INDUSTRIES	157	108	9	2	7	-	40	-	13	56	73	6
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	2	-	2	2	-	-	-	-	-	-	2	-
WHOLESALE AND RETAIL TRADE	53	13	-	-	-	-	40	-	13	33	7	-
ALL OTHER INDUSTRIES	102	95	7	-	7	-	-	-	-	23	64	6
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	3 387	3 348	39	13	5	21	-	-	53	375	2 286	332
WELDERS AND CUTTERS	211	203	8	8	-	-	-	-	6	35	120	25
ASSEMBLERS	3 053	3 032	21	-	-	21	-	-	47	324	2 076	290
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	123	113	10	5	5	-	-	-	-	16	90	17
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 336	1 317	19	7	5	7	-	-	11	124	833	230
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	1 260	734	509	-	65	444	17	-	89	600	400	126
MOTOR VEHICLE OPERATORS	899	373	509	-	65	444	17	-	89	564	135	88
TRUCK DRIVERS AND DRIVER-SALES WORKERS	241	220	21	-	6	15	-	-	27	108	58	38
BUS DRIVERS	608	120	481	-	59	422	7	-	57	440	58	40
RAIL AND WATER TRANSPORTATION OCCUPATIONS	7	7	-	-	-	-	-	-	-	-	7	-
MATERIAL MOVING EQUIPMENT OPERATORS	354	354	-	-	-	-	-	-	-	36	258	38
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	2 006	1 917	49	20	7	22	8	32	121	482	1 108	169
CONSTRUCTION LABORERS	22	16	6	6	-	-	-	-	16	-	-	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	583	565	-	-	-	-	-	18	24	209	273	43
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	89	83	-	-	-	-	2	4	13	15	43	18
HAND PACKERS AND PACKAGERS	633	623	-	-	-	-	-	10	21	146	390	43
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	124	120	4	-	-	4	-	-	6	27	70	8
LABORERS, EXCEPT CONSTRUCTION	555	510	39	14	7	18	6	-	41	85	332	57
MANUFACTURING	293	271	22	7	6	9	-	-	5	26	201	37
NONDURABLE GOODS	29	23	6	-	6	-	-	-	3	4	22	-
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	264	248	16	7	-	9	-	-	2	22	179	37
METAL INDUSTRIES	186	170	16	7	-	9	-	-	2	22	123	20
NONMANUFACTURING INDUSTRIES	262	239	17	7	1	9	6	-	36	59	131	20
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	38	38	-	-	-	-	-	-	7	8	17	-
WHOLESALE AND RETAIL TRADE	112	112	-	-	-	-	-	-	7	13	68	14
ALL OTHER INDUSTRIES	112	89	17	7	1	9	6	-	22	38	46	6

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

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

YOUNGSTOWN-WARREN, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS TOTAL	GOVERNMENT WORKERS FEDERAL	GOVERNMENT WORKERS STATE	GOVERNMENT WORKERS LOCAL	SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
WHITE												
MALES 16 YEARS AND OVER	116 850	99 089	10 463	1 884	1 968	6 611	7 118	180	3 171	10 336	62 404	36 718
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	21 052	14 513	4 176	254	1 108	2 814	2 329	34	398	937	9 733	9 554
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	11 595	9 175	1 378	215	386	777	1 008	34	128	349	4 879	6 020
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	312	-	312	50	33	229	-	-	8	10	198	96
MANAGEMENT RELATED OCCUPATIONS	2 446	1 890	384	93	152	139	172	-	43	106	1 395	865
PROFESSIONAL SPECIALTY OCCUPATIONS	9 457	5 338	2 798	39	722	2 037	1 321	-	270	588	4 854	3 534
ENGINEERS AND NATURAL SCIENTISTS	2 813	2 601	133	29	41	63	79	-	30	72	1 768	874
ENGINEERS	2 417	2 293	76	14	17	45	48	-	25	67	1 520	736
HEALTH DIAGNOSING OCCUPATIONS	1 077	513	26	-	14	12	538	-	18	106	317	607
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	545	472	38	-	12	26	35	-	5	41	206	281
TEACHERS, LIBRARIANS, AND COUNSELORS	2 763	443	2 303	2	532	1 769	17	-	127	216	1 646	718
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	2 066	283	1 783	2	174	1 607	-	-	67	103	1 363	527
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	17 834	14 989	1 607	959	265	383	1 230	8	588	1 462	9 152	6 136
HEALTH TECHNOLOGISTS AND TECHNICIANS	244	197	39	2	-	37	8	-	-	15	119	110
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	1 918	1 690	203	50	51	102	25	-	45	102	1 126	552
SALES OCCUPATIONS	8 793	7 524	94	2	79	13	1 167	8	399	776	3 585	3 827
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	2 011	1 524	38	-	38	-	449	-	30	99	632	1 193
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	3 720	3 265	6	-	-	6	449	-	62	198	1 861	1 494
OTHER SALES OCCUPATIONS	3 062	2 735	50	2	41	7	269	8	307	479	1 092	1 140
CASHIERS	261	218	26	-	26	-	9	8	11	70	141	37
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	6 879	5 578	1 271	905	135	231	30	-	144	569	4 322	1 647
COMPUTER EQUIPMENT OPERATORS	118	107	11	-	5	6	-	-	-	7	82	22
SECRETARIES, STENOGRAPHERS, AND TYPISTS	63	58	5	-	-	5	-	-	-	-	35	28
FINANCIAL RECORDS PROCESSING OCCUPATIONS	380	333	42	20	11	11	5	-	17	51	238	69
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	842	174	668	652	-	16	-	-	28	91	543	157
SERVICE OCCUPATIONS	9 242	6 586	2 277	128	286	1 863	353	26	760	2 126	4 058	2 010
PRIVATE HOUSEHOLD OCCUPATIONS	6	6	-	-	-	-	-	-	-	-	-	6
PROTECTIVE SERVICE OCCUPATIONS	2 422	1 032	1 383	91	140	1 152	7	-	39	311	1 150	846
POLICE AND FIREFIGHTERS	975	-	975	65	80	830	-	-	3	-	431	522
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	6 814	5 548	894	37	146	711	346	26	721	1 815	2 908	1 158
FOOD SERVICE OCCUPATIONS	2 565	2 448	17	-	6	11	83	17	384	1 165	552	382
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	3 403	2 520	825	37	123	665	49	9	239	558	1 949	563
FARMING, FORESTRY, AND FISHING OCCUPATIONS	1 615	792	112	3	19	90	637	74	140	269	503	658
FARM OPERATORS AND MANAGERS	699	94	-	-	-	-	605	-	54	66	136	433
FARM WORKERS AND RELATED OCCUPATIONS	825	634	100	3	12	85	17	74	86	181	321	202
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	26 451	23 505	960	161	152	647	1 960	26	409	1 642	14 948	8 507
MECHANICS AND REPAIRERS	9 494	8 278	496	114	65	317	710	10	142	505	5 407	3 134
CONSTRUCTION TRADES	7 010	5 658	328	30	69	229	1 016	8	216	768	4 079	1 668
PRECISION PRODUCTION OCCUPATIONS	9 824	9 446	136	17	18	101	234	8	51	360	5 425	3 633
OPERATORS, FABRICATORS, AND LABORERS	40 656	38 704	1 331	379	138	814	609	12	876	3 900	24 010	9 853
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	11 771	11 578	120	24	17	79	73	-	105	687	7 643	2 756
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	9 240	9 037	137	54	19	64	66	-	108	549	6 084	2 126
TRANSPORTATION OCCUPATIONS	6 751	5 858	543	223	48	272	343	7	185	580	2 798	2 767
MOTOR VEHICLE OPERATORS	5 850	5 157	343	28	48	267	343	7	172	544	2 329	2 492
MATERIAL MOVING EQUIPMENT OPERATORS	4 055	3 896	111	12	2	97	48	-	39	199	2 611	992
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	8 839	8 335	420	66	52	302	79	5	439	1 885	4 874	1 212
CONSTRUCTION LABORERS	803	634	169	7	2	160	-	-	47	164	510	53
FREIGHT, STOCK, AND MATERIAL HANDLERS	2 865	2 798	65	27	21	17	2	-	219	886	1 307	279

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

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

YOUNGSTOWN-WARREN, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
WHITE												
FEMALES 16 YEARS AND OVER	75 425	62 027	10 747	796	2 038	7 913	2 127	524	5 637	20 992	38 235	7 412
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	15 671	9 821	5 187	114	805	4 268	569	94	1 028	3 239	8 681	2 244
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	4 241	3 390	495	56	151	288	271	85	157	680	2 225	1 063
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	81	-	81	8	13	60	-	-	13	16	46	6
MANAGEMENT RELATED OCCUPATIONS	1 076	900	135	33	52	50	31	10	20	140	685	204
PROFESSIONAL SPECIALTY OCCUPATIONS	11 430	6 431	4 692	58	654	3 980	298	9	871	2 559	6 456	1 181
ENGINEERS AND NATURAL SCIENTISTS	200	165	35	10	5	20	-	-	-	16	136	48
ENGINEERS	123	118	5	-	5	-	-	-	-	10	83	30
HEALTH DIAGNOSING OCCUPATIONS	48	38	4	-	-	4	6	-	-	-	30	18
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	3 705	3 320	311	13	96	202	74	-	118	1 199	2 060	235
TEACHERS, LIBRARIANS, AND COUNSELORS	5 965	1 947	3 940	23	440	3 477	78	-	545	1 058	3 493	646
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	4 948	1 493	3 444	16	196	3 232	11	-	347	838	3 116	490
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	33 867	29 498	3 494	581	961	1 952	614	261	2 351	9 548	17 949	2 726
HEALTH TECHNOLOGISTS AND TECHNICIANS	1 985	1 908	59	-	22	37	18	-	76	555	1 151	128
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	525	349	169	4	59	106	7	-	29	59	334	72
SALES OCCUPATIONS	10 354	9 718	141	-	64	77	443	52	1 264	4 550	3 260	798
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	951	839	4	-	4	-	108	-	11	166	436	319
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	1 193	1 021	-	-	-	-	166	6	175	336	453	158
OTHER SALES OCCUPATIONS	8 210	7 858	137	-	60	77	169	46	1 078	4 048	2 371	321
CASHIERS	3 337	3 215	103	-	33	70	4	15	345	1 777	891	157
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	21 003	17 523	3 125	577	816	1 732	146	209	982	4 384	13 204	1 728
COMPUTER EQUIPMENT OPERATORS	289	260	29	11	11	7	-	-	5	20	229	28
SECRETARIES, STENOGRAPHERS, AND TYPISTS	7 718	6 347	1 251	109	369	773	63	57	339	1 435	5 108	603
FINANCIAL RECORDS PROCESSING OCCUPATIONS	3 218	2 847	225	20	70	135	33	113	243	672	1 909	300
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	311	91	214	208	6	-	6	-	42	61	151	57
SERVICE OCCUPATIONS	13 733	11 560	1 429	81	168	1 180	663	81	1 881	5 775	4 661	909
PRIVATE HOUSEHOLD OCCUPATIONS	603	603	-	-	-	-	-	-	198	173	159	45
PROTECTIVE SERVICE OCCUPATIONS	248	101	138	-	-	138	9	-	59	58	85	40
POLICE AND FIREFIGHTERS	40	-	40	-	-	40	-	-	8	-	11	15
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	12 882	10 856	1 291	81	168	1 042	654	81	1 624	5 544	4 417	824
FOOD SERVICE OCCUPATIONS	6 901	6 101	663	25	95	543	90	47	891	3 402	1 877	422
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	1 675	1 407	225	16	25	184	41	2	322	612	602	89
FARMING, FORESTRY, AND FISHING OCCUPATIONS	420	226	18	-	-	18	129	47	48	115	134	79
FARM OPERATORS AND MANAGERS	105	11	-	-	-	-	94	-	15	12	28	45
FARM WORKERS AND RELATED OCCUPATIONS	313	215	18	-	-	18	35	45	33	101	106	34
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	1 369	1 275	19	-	16	3	68	7	30	275	747	231
MECHANICS AND REPAIRERS	192	181	11	-	8	3	-	-	4	18	95	55
CONSTRUCTION TRADES	101	72	-	-	-	-	29	-	-	41	47	13
PRECISION PRODUCTION OCCUPATIONS	1 066	1 012	8	-	8	-	39	7	26	216	600	158
OPERATORS, FABRICATORS, AND LABORERS	10 365	9 647	600	20	88	492	84	34	299	2 040	6 063	1 223
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	3 873	3 756	48	2	18	28	59	10	71	596	2 397	538
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	3 700	3 657	43	12	10	21	-	-	38	422	2 458	442
TRANSPORTATION OCCUPATIONS	850	337	496	-	59	437	17	-	78	558	124	67
MOTOR VEHICLE OPERATORS	843	330	496	-	59	437	17	-	78	558	117	67
MATERIAL MOVING EQUIPMENT OPERATORS	255	255	-	-	-	-	-	-	-	19	188	32
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	1 687	1 642	13	6	1	6	8	24	112	445	896	144
CONSTRUCTION LABORERS	13	7	6	6	-	-	-	-	7	-	-	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	485	475	-	-	-	-	-	10	24	188	216	35

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

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YOUNGSTOWN-WARREN, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS				SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
			TOTAL	FEDERAL	STATE	LOCAL						
BLACK												
MALES 16 YEARS AND OVER	8 386	6 890	1 335	350	213	772	161	-	260	714	5 516	1 410
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	724	403	263	47	89	127	58	-	28	60	444	179
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	317	171	129	25	36	68	17	-	6	21	205	78
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	6	-	6	-	-	6	-	-	-	-	6	-
MANAGEMENT RELATED OCCUPATIONS	86	61	25	-	7	18	-	-	-	-	69	10
PROFESSIONAL SPECIALTY OCCUPATIONS	407	232	134	22	53	59	41	-	22	39	239	101
ENGINEERS AND NATURAL SCIENTISTS	96	84	12	-	12	-	-	-	-	-	83	7
ENGINEERS	80	68	12	-	12	-	-	-	-	-	67	7
HEALTH DIAGNOSING OCCUPATIONS	73	47	-	-	-	-	26	-	-	-	17	56
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	6	6	-	-	-	-	-	-	-	-	6	-
TEACHERS, LIBRARIANS, AND COUNSELORS	64	22	42	-	31	11	-	-	8	15	41	-
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	20	9	11	-	-	11	-	-	8	3	9	-
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	744	526	218	147	45	26	-	-	6	78	464	190
HEALTH TECHNOLOGISTS AND TECHNICIANS	15	-	15	8	7	-	-	-	-	-	15	-
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	99	90	9	5	4	-	-	-	-	8	76	15
SALES OCCUPATIONS	195	176	19	-	19	-	-	-	-	30	82	83
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	59	44	15	-	15	-	-	-	-	-	21	38
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	35	35	-	-	-	-	-	-	-	6	11	18
OTHER SALES OCCUPATIONS	101	97	4	-	4	-	-	-	-	24	50	27
CASHIERS	8	8	-	-	-	-	-	-	-	8	-	-
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	435	260	175	134	15	26	-	-	6	40	291	92
COMPUTER EQUIPMENT OPERATORS	3	3	-	-	-	-	-	-	-	-	3	-
SECRETARIES, STENOGRAPHERS, AND TYPISTS	7	-	7	-	-	7	-	-	-	-	7	-
FINANCIAL RECORDS PROCESSING OCCUPATIONS	8	8	-	-	-	-	-	-	-	-	8	-
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	106	26	80	80	-	-	-	-	-	9	83	14
SERVICE OCCUPATIONS	1 053	707	324	35	34	255	22	-	59	207	574	160
PRIVATE HOUSEHOLD OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
PROTECTIVE SERVICE OCCUPATIONS	235	122	113	-	-	113	-	-	17	46	133	39
POLICE AND FIREFIGHTERS	67	-	67	-	-	67	-	-	7	-	46	14
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	818	585	211	35	34	142	22	-	42	161	441	121
FOOD SERVICE OCCUPATIONS	179	150	22	-	17	5	7	-	23	56	40	31
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	488	344	144	20	4	120	-	-	12	91	308	53
FARMING, FORESTRY, AND FISHING OCCUPATIONS	53	42	11	6	-	5	-	-	-	18	28	5
FARM OPERATORS AND MANAGERS	-	-	-	-	-	-	-	-	-	-	-	-
FARM WORKERS AND RELATED OCCUPATIONS	30	19	11	6	-	5	-	-	-	12	16	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	1 404	1 197	150	24	20	106	57	-	49	64	901	304
MECHANICS AND REPAIRERS	476	397	59	17	7	35	20	-	17	15	324	107
CONSTRUCTION TRADES	384	301	58	7	-	51	25	-	12	27	255	35
PRECISION PRODUCTION OCCUPATIONS	534	489	33	-	13	20	12	-	20	22	322	152
OPERATORS, FABRICATORS, AND LABORERS	4 408	4 015	369	91	25	253	24	-	118	287	3 105	572
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	1 288	1 249	26	-	13	13	13	-	21	94	900	181
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	1 054	992	62	44	-	18	-	-	27	49	790	153
TRANSPORTATION OCCUPATIONS	437	342	95	7	-	88	-	-	8	10	276	119
MOTOR VEHICLE OPERATORS	384	296	88	-	-	88	-	-	8	10	236	119
MATERIAL MOVING EQUIPMENT OPERATORS	455	453	2	-	-	2	-	-	-	8	324	60
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	1 174	979	184	40	12	132	11	-	62	126	815	59
CONSTRUCTION LABORERS	156	93	63	-	-	63	-	-	18	26	101	7
FREIGHT, STOCK, AND MATERIAL HANDLERS	256	193	57	28	-	29	6	-	21	34	154	32

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

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YOUNGSTOWN-WARREN, OH SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
BLACK												
FEMALES 16 YEARS AND OVER	7 734	6 094	1 592	245	329	1 018	42	6	420	1 588	4 533	569
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	960	388	555	77	91	387	17	-	45	174	648	80
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	253	141	95	30	16	49	17	-	-	39	166	48
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	21	-	21	7	-	14	-	-	-	5	16	-
MANAGEMENT RELATED OCCUPATIONS	35	22	13	5	8	-	-	-	-	7	22	6
PROFESSIONAL SPECIALTY OCCUPATIONS	707	247	460	47	75	338	-	-	45	135	482	32
ENGINEERS AND NATURAL SCIENTISTS	13	13	-	-	-	-	-	-	-	-	13	-
ENGINEERS	7	7	-	-	-	-	-	-	-	-	7	-
HEALTH DIAGNOSING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	181	112	69	-	9	60	-	-	17	42	104	18
TEACHERS, LIBRARIANS, AND COUNSELORS	309	79	230	20	35	175	-	-	16	58	220	10
TEACHERS, ELEMENTARY AND SECONDARY SCHOOLS	272	61	211	20	31	160	-	-	8	56	203	-
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	2 123	1 550	560	113	101	346	7	6	72	496	1 277	107
HEALTH TECHNOLOGISTS AND TECHNICIANS	273	242	31	-	7	24	-	-	-	27	209	17
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	33	33	-	-	-	-	-	-	6	-	21	-
SALES OCCUPATIONS	425	397	21	-	-	21	7	-	31	194	141	23
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	12	12	-	-	-	-	-	-	-	5	7	-
SALES REPRESENTATIVES, COMMODITIES AND FINANCE	37	30	-	-	-	-	7	-	-	15	13	-
OTHER SALES OCCUPATIONS	376	355	21	-	-	21	-	-	31	174	121	23
CASHIERS	219	207	12	-	-	12	-	-	18	91	94	8
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	1 392	878	508	113	94	301	-	6	35	275	906	67
COMPUTER EQUIPMENT OPERATORS	5	5	-	-	-	-	-	-	-	-	5	-
SECRETARIES, STENOGRAPHERS, AND TYPISTS	363	197	160	14	27	119	-	6	-	37	278	30
FINANCIAL RECORDS PROCESSING OCCUPATIONS	110	80	30	9	-	21	-	-	-	9	86	15
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	37	23	14	14	-	-	-	-	-	10	21	-
SERVICE OCCUPATIONS	2 251	1 847	392	23	121	248	12	-	244	700	1 010	120
PRIVATE HOUSEHOLD OCCUPATIONS	298	298	-	-	-	-	-	-	52	128	68	8
PROTECTIVE SERVICE OCCUPATIONS	37	19	18	-	-	18	-	-	-	22	10	5
POLICE AND FIREFIGHTERS	6	-	6	-	-	6	-	-	-	-	6	-
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	1 916	1 530	374	23	121	230	12	-	192	550	932	107
FOOD SERVICE OCCUPATIONS	479	391	88	11	35	42	-	-	53	166	197	40
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	466	390	76	-	45	31	-	-	65	162	198	17
FARMING, FORESTRY, AND FISHING OCCUPATIONS	8	8	-	-	-	-	-	-	-	-	-	8
FARM OPERATORS AND MANAGERS	-	-	-	-	-	-	-	-	-	-	-	-
FARM WORKERS AND RELATED OCCUPATIONS	8	8	-	-	-	-	-	-	-	-	-	8
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	121	115	-	-	-	-	6	-	-	43	52	20
MECHANICS AND REPAIRERS	14	14	-	-	-	-	-	-	-	-	14	-
CONSTRUCTION TRADES	15	15	-	-	-	-	-	-	-	-	15	-
PRECISION PRODUCTION OCCUPATIONS	92	86	-	-	-	-	6	-	-	43	23	20
OPERATORS, FABRICATORS, AND LABORERS	2 271	2 186	85	32	16	37	-	-	59	175	1 546	234
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	831	810	21	10	4	7	-	-	13	38	624	70
FABRICATORS, ASSEMBLERS, INSPECTORS, AND SAMPLERS	1 000	985	15	8	-	7	-	-	26	77	643	120
TRANSPORTATION OCCUPATIONS	56	43	13	-	6	7	-	-	11	6	18	21
MOTOR VEHICLE OPERATORS	56	43	13	-	6	7	-	-	11	6	18	21
MATERIAL MOVING EQUIPMENT OPERATORS	94	94	-	-	-	-	-	-	-	17	65	6
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	290	254	36	14	6	16	-	-	9	37	196	17
CONSTRUCTION LABORERS	9	9	-	-	-	-	-	-	9	-	-	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	82	82	-	-	-	-	-	-	-	21	49	-