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

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

MICHIGAN

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
MALE EXPERIENCED CIVILIAN LABOR FORCE	2 388 949	150 406	251 818	220 606	366 533	456 281	399 183	481 810	62 312	$16 837	$18 403	1 543 671	$20 345
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	493 722	11 351	26 433	26 587	51 527	77 792	87 525	170 460	42 047	$22 690	$26 972	378 599	$25 019
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	248 257	4 669	11 001	12 139	26 006	38 453	41 598	90 772	23 619	$23 573	$28 119	210 642	$25 133
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	8 568	259	309	422	945	1 805	1 923	2 805	100	$21 078	$21 788	7 356	$22 062
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	10 531	73	350	263	545	1 018	2 202	5 897	183	$26 115	$25 740	6 756	$26 736
MANAGERS, MEDICINE AND HEALTH	2 028	32	49	98	205	288	372	747	237	$24 483	$28 864	1 807	$25 493
OTHER SPECIFIED MANAGERS	44 780	605	1 508	1 798	4 024	6 839	7 908	18 173	3 925	$24 762	$28 077	39 705	$25 787
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	109 436	1 640	4 582	5 623	11 091	15 181	16 023	39 847	15 449	$25 185	$31 826	94 418	$26 863
MANUFACTURING	37 954	256	443	639	1 832	3 519	5 317	17 921	8 027	$32 078	$40 315	34 928	$32 771
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	7 498	51	145	169	569	872	1 508	3 534	650	$26 200	$29 745	6 807	$26 748
WHOLESALE AND RETAIL TRADE	30 305	543	2 103	3 116	5 197	5 406	4 164	6 513	3 263	$18 588	$25 678	24 716	$20 612
ALL OTHER INDUSTRIES	33 679	790	1 891	1 699	3 493	5 384	5 034	11 879	3 509	$23 285	$28 255	27 967	$25 436
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	13 204	1 069	1 410	1 290	2 420	1 783	1 535	2 607	1 090	$15 920	$22 034	10 088	$17 649
CONSTRUCTION	1 904	129	216	218	370	290	250	291	140	$15 242	$22 347	1 104	$18 301
MANUFACTURING	1 797	150	175	144	334	212	209	378	195	$16 932	$22 862	1 469	$18 980
WHOLESALE AND RETAIL TRADE	5 411	505	617	483	989	831	623	1 053	310	$15 507	$19 723	4 270	$16 380
ALL OTHER INDUSTRIES	4 092	285	402	445	727	450	453	885	445	$16 774	$24 580	3 245	$19 514
MANAGEMENT RELATED OCCUPATIONS	59 710	991	2 793	2 645	6 776	11 539	11 635	20 696	2 635	$21 821	$24 007	50 512	$23 251
ACCOUNTANTS AND AUDITORS	24 366	301	1 118	1 211	2 622	4 700	4 771	8 464	1 179	$21 957	$24 013	20 716	$23 440
BUYERS AND PURCHASING AGENTS	9 010	125	319	391	1 236	2 095	1 749	2 834	261	$20 736	$22 550	7 941	$21 604
PROFESSIONAL SPECIALTY OCCUPATIONS	245 465	6 682	15 432	14 448	25 521	39 339	45 927	79 688	18 428	$21 950	$25 811	167 957	$24 851
ENGINEERS, ARCHITECTS, AND SURVEYORS	65 747	457	1 460	1 530	3 372	7 125	12 827	36 618	2 358	$26 993	$27 712	57 639	$27 896
ARCHITECTS	2 912	95	143	159	365	465	481	1 009	195	$22 037	$24 350	2 278	$24 125
ENGINEERS	62 005	351	1 243	1 289	2 788	6 473	12 207	35 516	2 138	$27 301	$28 006	54 703	$28 165
ELECTRICAL AND ELECTRONIC ENGINEERS	7 421	44	169	202	475	933	1 728	3 752	118	$25 375	$25 468	6 536	$26 208
MECHANICAL ENGINEERS	25 819	113	418	464	798	1 641	4 170	17 213	1 002	$30 159	$30 099	23 038	$30 571
OTHER ENGINEERS	28 765	194	656	623	1 515	3 899	6 309	14 551	1 018	$25 767	$26 782	25 129	$26 509
SURVEYORS AND MAPPING SCIENTISTS	830	11	74	82	219	187	139	93	25	$15 543	$17 492	658	$17 052
MATHEMATICAL AND COMPUTER SCIENTISTS	9 025	67	224	270	491	1 429	2 256	4 191	97	$24 336	$24 387	8 066	$25 144
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	5 952	49	108	170	315	976	1 541	2 755	38	$24 207	$24 175	5 396	$24 911
NATURAL SCIENTISTS	7 048	112	393	428	921	1 228	1 612	2 117	237	$21 037	$22 928	5 818	$22 234
HEALTH DIAGNOSING OCCUPATIONS	22 402	327	561	989	1 070	1 733	1 203	5 898	10 621	$47 147	$55 927	15 098	$51 300
PHYSICIANS	14 305	159	296	767	627	1 204	608	3 080	7 564	$52 246	$60 568	10 331	$55 866
DENTISTS	5 112	93	141	82	227	257	301	1 742	2 269	$45 662	$53 239	2 639	$48 052
OTHER HEALTH DIAGNOSING PRACTITIONERS	2 985	75	124	140	216	272	294	1 076	788	$31 140	$38 290	2 128	$33 912
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	9 617	246	671	892	1 572	1 929	1 912	2 176	219	$18 359	$19 316	7 082	$20 853
REGISTERED NURSES	1 843	38	106	171	391	544	255	309	29	$16 460	$17 932	1 379	$17 694
PHARMACISTS	4 489	104	269	298	329	524	1 222	1 594	149	$22 481	$22 767	3 467	$24 454
THERAPISTS	2 390	72	238	330	596	599	304	210	41	$14 633	$15 518	1 596	$16 340
TEACHERS, LIBRARIANS, AND COUNSELORS	66 557	2 320	5 318	3 900	8 308	15 456	18 016	12 735	504	$19 122	$18 589	26 130	$20 678
TEACHERS, POSTSECONDARY	15 450	573	1 864	1 116	1 105	2 000	2 982	5 437	373	$21 444	$21 356	7 821	$25 310
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	26 986	605	1 291	1 312	3 868	7 627	8 339	3 862	82	$18 912	$18 332	9 201	$19 324
TEACHERS, SECONDARY	15 453	314	708	768	2 301	4 428	4 868	2 046	20	$18 778	$18 193	5 291	$19 336
SOCIAL SCIENTISTS AND URBAN PLANNERS	4 581	62	266	240	393	762	862	1 739	257	$22 950	$25 111	3 527	$25 413
SOCIAL AND RECREATION WORKERS	7 700	446	747	618	1 439	2 401	1 361	662	26	$15 828	$15 316	5 570	$17 034
RELIGIOUS WORKERS	9 887	346	1 261	2 083	3 103	1 857	804	393	40	$12 003	$12 459	8 205	$12 546
LAWYERS AND JUDGES	15 031	331	919	702	1 069	1 491	1 507	5 591	3 421	$29 904	$37 980	12 246	$32 597
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	27 870	1 968	3 612	2 796	3 783	3 928	3 567	7 568	648	$16 912	$18 985	18 576	$21 551
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	388 812	21 522	43 186	36 869	61 404	77 010	62 152	75 325	11 344	$16 633	$18 342	279 087	$19 670
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	62 244	2 219	5 779	5 292	9 838	12 028	11 231	15 244	613	$17 940	$18 622	46 166	$20 776
HEALTH TECHNOLOGISTS AND TECHNICIANS	6 335	236	824	782	1 631	1 636	813	390	23	$13 965	$13 943	4 487	$15 938
LICENSED PRACTICAL NURSES	678	32	96	77	275	122	46	30	-	$12 639	$12 229	483	$13 538
ENGINEERING AND SCIENCE TECHNICIANS	38 629	1 326	3 055	3 072	5 691	7 428	7 001	10 745	311	$18 907	$19 400	29 275	$21 354
ELECTRICAL AND ELECTRONIC TECHNICIANS	5 472	120	362	414	913	1 223	1 436	1 004	-	$18 443	$17 965	4 360	$20 259
DRAFTING AND SURVEYING TECHNICIANS	17 828	678	1 574	1 815	2 981	3 266	2 392	5 010	112	$17 454	$18 684	12 981	$20 764
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	17 280	657	1 900	1 438	2 516	2 964	3 417	4 109	279	$18 263	$18 597	12 404	$21 241
AIRPLANE PILOTS AND NAVIGATORS	1 228	17	40	93	141	146	223	441	127	$23 722	$27 058	743	$26 031
COMPUTER PROGRAMMERS	6 936	161	634	386	989	1 524	1 522	1 663	57	$19 019	$18 867	5 388	$21 138
SALES OCCUPATIONS	184 323	11 827	22 077	18 646	29 870	31 104	24 068	36 842	9 889	$16 239	$19 558	130 906	$19 635
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	39 170	1 334	2 816	3 945	7 312	7 781	5 968	8 129	1 885	$17 258	$20 748	32 248	$18 757
SELF-EMPLOYED	9 379	715	932	1 122	1 518	1 410	1 120	2 039	523	$16 137	$19 683	7 820	$17 140
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	39 541	1 269	3 273	3 351	6 239	6 117	5 418	10 032	3 842	$19 495	$24 278	30 326	$21 703
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	40 775	804	1 784	2 440	5 589	7 489	7 042	12 509	3 118	$21 314	$24 977	33 643	$22 608
SALES WORKERS, RETAIL AND PERSONAL SERVICES	64 385	8 383	14 130	8 867	10 675	9 653	5 583	6 062	1 032	$10 364	$12 523	34 379	$16 065
CASHIERS	10 229	1 866	3 247	1 600	1 202	1 474	532	253	55	$6 003	$8 631	3 611	$15 296
SALES RELATED OCCUPATIONS	452	37	74	43	55	64	57	110	12	$16 060	$16 940	310	$21 584

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MICHIGAN

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	142 245	7 476	15 330	12 931	21 696	33 878	26 853	23 239	842	$16 566	$16 643	102 015	$19 073
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	22 157	220	626	965	1 996	4 322	5 202	8 518	308	$22 408	$22 994	19 895	$23 182
COMPUTER EQUIPMENT OPERATORS	5 808	166	520	553	1 358	1 197	963	1 006	45	$15 959	$16 719	4 395	$17 960
SECRETARIES, STENOGRAPHERS, AND TYPISTS	2 329	250	392	336	387	322	211	369	62	$12 460	$15 245	1 432	$17 667
SECRETARIES	1 438	170	226	228	236	170	113	243	52	$11 696	$15 808	878	$17 672
RECEPTIONISTS	1 009	274	489	103	61	20	36	26	-	$3 168	$5 483	229	$11 708
FILE CLERKS	2 552	291	427	255	393	423	369	387	7	$13 719	$14 118	1 401	$19 525
FINANCIAL RECORDS PROCESSING OCCUPATIONS	8 453	413	938	1 079	1 337	1 730	1 498	1 375	83	$15 998	$16 375	6 116	$18 853
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	5 426	323	749	808	853	897	831	893	72	$14 871	$15 736	3 823	$18 538
TELEPHONE OPERATORS	786	64	190	132	177	85	101	37	-	$10 189	$10 950	437	$14 930
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	15 846	884	1 639	1 022	1 419	7 084	3 043	712	43	$16 359	$15 627	11 578	$17 378
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	31 887	1 542	3 859	3 738	6 559	8 010	5 463	2 694	22	$15 097	$14 507	21 176	$16 922
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	2 346	33	122	197	494	692	533	268	7	$16 817	$17 083	1 964	$17 983
BANK TELLERS	1 134	48	401	315	214	91	38	27	-	$7 396	$8 591	540	$10 989
DATA-ENTRY KEYERS	669	27	82	81	131	124	101	123	-	$15 393	$15 971	477	$17 837
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	47 269	3 264	5 645	4 155	7 170	9 778	9 295	7 697	265	$16 349	$16 204	32 375	$19 598
SERVICE OCCUPATIONS	216 090	42 482	50 215	27 487	34 467	25 224	20 436	15 221	558	$8 191	$10 270	101 864	$15 387
PRIVATE HOUSEHOLD OCCUPATIONS	723	291	221	103	50	48	7	3	-	$2 698	$4 538	192	$9 077
PROTECTIVE SERVICE OCCUPATIONS	50 419	2 724	5 565	4 144	5 959	9 198	12 318	10 400	111	$18 383	$17 334	36 861	$20 829
FIREFIGHTING OCCUPATIONS	5 884	46	69	160	346	1 095	2 246	1 910	12	$22 113	$22 124	5 272	$22 418
POLICE AND DETECTIVES, PUBLIC SERVICE	15 258	102	319	387	1 311	3 215	6 082	3 821	21	$21 276	$21 169	13 488	$21 531
GUARDS	21 059	2 443	4 917	3 221	3 058	2 591	2 376	2 395	58	$9 931	$11 982	10 973	$16 963
OTHER PROTECTIVE SERVICE OCCUPATIONS	8 218	133	260	376	1 244	2 297	1 614	2 274	20	$19 385	$20 501	7 128	$20 288
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	164 948	39 467	44 429	23 240	28 458	15 978	8 111	4 818	447	$5 818	$8 136	64 811	$12 781
FOOD PREPARATION AND SERVICE OCCUPATIONS	60 670	22 393	22 618	7 376	4 513	1 921	979	744	126	$2 993	$4 808	12 506	$9 824
WAITERS AND FOOD COUNTER WORKERS	4 919	1 497	2 091	753	313	145	71	45	4	$3 439	$4 861	810	$9 496
COOKS	25 161	8 366	10 140	3 365	1 941	722	369	242	16	$3 204	$4 747	5 360	$9 308
HEALTH SERVICE OCCUPATIONS	8 664	986	1 937	1 901	2 401	877	275	217	70	$9 038	$9 930	4 681	$12 529
NURSING AIDES, ORDERLIES, AND ATTENDANTS	6 903	680	1 437	1 580	2 129	702	174	138	63	$9 424	$10 116	3 851	$12 442
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	82 989	13 632	16 531	11 920	19 450	12 019	6 103	3 187	147	$9 814	$10 146	42 130	$13 550
PERSONAL SERVICE OCCUPATIONS	12 625	2 456	3 343	2 043	2 094	1 161	754	670	104	$7 039	$9 689	5 494	$12 912
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	5 050	277	914	878	1 276	752	456	418	79	$11 412	$13 499	3 328	$13 428
FARMING, FORESTRY, AND FISHING OCCUPATIONS	55 631	11 643	13 883	9 111	8 654	5 173	2 958	3 277	932	$6 925	$9 744	31 993	$10 662
FARM OPERATORS AND MANAGERS	26 312	5 052	5 141	3 766	4 297	2 712	1 892	2 612	840	$9 091	$12 109	20 714	$10 211
FARM OCCUPATIONS, EXCEPT MANAGERIAL	13 272	3 655	4 419	2 594	1 628	588	201	161	26	$4 400	$5 911	5 036	$8 669
RELATED AGRICULTURAL OCCUPATIONS	11 894	2 284	3 120	1 960	2 092	1 429	657	329	23	$7 058	$8 694	4 608	$14 074
FORESTRY AND FISHING OCCUPATIONS	4 153	652	1 203	791	637	444	208	175	43	$6 965	$10 018	1 635	$11 840
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	514 862	17 016	38 507	42 268	76 260	96 611	99 822	139 113	5 265	$19 110	$19 291	355 728	$21 364
MECHANICS AND REPAIRERS	166 253	5 883	12 404	14 820	27 444	34 385	34 767	35 899	651	$17 880	$17 877	120 106	$20 098
AUTOMOBILE MECHANICS, INCLUDING BODY	49 638	2 537	5 227	6 512	10 241	10 097	8 180	6 589	255	$15 102	$15 265	33 423	$16 858
AIRCRAFT MECHANICS	1 591	65	91	125	166	304	443	393	4	$20 327	$18 867	1 276	$21 282
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	5 538	236	482	601	1 174	1 309	747	961	28	$15 748	$16 423	3 692	$17 497
OTHER MECHANICS AND REPAIRERS	109 486	3 045	6 604	7 582	15 863	22 675	25 397	27 956	364	$19 693	$19 120	81 715	$20 892
CONSTRUCTION TRADES	158 193	7 087	16 082	17 921	26 632	27 485	26 369	34 624	1 993	$16 690	$17 574	84 515	$21 157
CARPENTERS	36 570	2 157	5 390	6 299	8 129	6 551	4 496	3 322	226	$12 491	$13 469	14 907	$16 532
ELECTRICIANS	26 486	505	1 059	1 449	3 156	4 632	5 900	9 645	140	$21 666	$21 441	18 753	$23 505
PAINTERS, CONSTRUCTION AND MAINTENANCE	11 360	1 392	2 316	1 846	1 988	1 563	1 212	971	72	$10 354	$11 963	4 302	$16 808
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	21 579	480	1 257	1 286	2 762	3 511	4 541	7 601	141	$21 294	$20 792	14 495	$22 931
OTHER CONSTRUCTION TRADES	62 198	2 553	6 060	7 041	10 597	11 228	10 220	13 085	1 414	$16 766	$18 250	32 058	$21 410
EXTRACTIVE OCCUPATIONS	3 163	165	295	240	407	655	705	654	42	$18 262	$18 204	2 074	$20 841
PRECISION PRODUCTION OCCUPATIONS	187 253	3 881	9 726	9 287	21 777	34 086	37 981	67 936	2 579	$21 586	$22 015	149 033	$22 960
SUPERVISORS, PRODUCTION OCCUPATIONS	80 982	891	2 360	2 181	6 814	13 662	15 954	37 086	2 034	$24 444	$25 397	70 430	$25 295
MANUFACTURING	66 392	629	1 671	1 400	4 956	10 531	12 522	33 010	1 673	$25 495	$26 150	57 887	$26 204
PRECISION METALWORKING OCCUPATIONS	69 134	1 399	3 694	3 540	8 522	12 799	15 303	23 639	238	$21 161	$20 648	51 991	$22 436
TOOL AND DIE MAKERS	34 673	403	1 390	1 102	3 317	5 401	8 419	14 492	149	$23 009	$22 408	27 457	$24 265
MACHINISTS	18 884	691	1 402	1 583	3 403	4 792	3 510	3 461	42	$16 970	$17 222	13 776	$18 614
SHEET METAL WORKERS	5 956	109	333	346	793	1 101	1 416	1 848	10	$20 761	$19 954	3 898	$22 557
OTHER PRECISION METAL WORKERS	9 621	196	569	509	1 009	1 505	1 958	3 838	37	$22 218	$21 458	6 860	$23 747
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	2 642	201	485	384	670	501	226	175	-	$11 635	$12 018	1 666	$13 518
PLANT AND SYSTEM OPERATORS	8 209	141	217	348	922	1 830	2 135	2 530	86	$21 124	$21 362	6 818	$21 839
OTHER PRECISION PRODUCTION OCCUPATIONS	26 286	1 249	2 970	2 834	4 849	5 294	4 363	4 506	221	$15 873	$16 399	18 128	$18 307

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MICHIGAN

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
OPERATORS, FABRICATORS, AND LABORERS	717 962	46 201	78 791	77 601	134 111	174 424	126 271	78 397	2 166	$15 431	$15 058	395 728	$18 023
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	405 686	16 364	30 150	39 932	79 101	113 318	80 192	45 824	805	$16 185	$16 090	238 307	$18 324
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	226 236	9 330	18 361	23 575	44 983	58 526	44 214	26 807	440	$16 037	$15 976	141 780	$18 127
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	81 254	2 585	5 297	7 132	14 797	21 984	17 867	11 465	127	$16 943	$16 969	51 644	$19 271
PRINTING MACHINE OPERATORS	10 450	505	914	1 267	2 101	2 737	1 739	1 169	18	$15 535	$15 449	7 583	$16 952
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	4 608	489	863	880	1 018	778	357	181	42	$10 327	$11 226	2 264	$13 547
TEXTILE MACHINE OPERATORS	823	37	100	137	172	250	91	36	-	$13 939	$13 225	491	$16 338
TEXTILE SEWING MACHINE OPERATORS	994	60	130	94	194	286	180	39	11	$15 202	$14 546	418	$16 689
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	2 234	304	510	525	518	197	67	82	31	$8 397	$9 576	1 083	$11 411
OTHER SPECIFIED MACHINE OPERATORS	58 665	2 864	5 710	7 083	12 567	13 915	9 999	6 386	141	$15 264	$15 179	35 946	$17 304
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	71 259	2 887	5 577	7 213	14 500	19 112	14 252	7 606	112	$16 015	$15 883	44 343	$18 046
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	20 405	698	1 423	1 885	4 097	5 622	4 509	2 144	27	$16 382	$16 341	13 222	$18 398
MACHINE OPERATORS, NOT SPECIFIED	50 854	2 189	4 154	5 328	10 403	13 490	9 743	5 462	85	$15 869	$15 699	31 121	$17 899
INDUSTRY:													
MANUFACTURING	65 921	2 468	4 808	6 465	13 357	17 951	13 628	7 159	85	$16 183	$16 064	41 346	$18 214
NONDURABLE GOODS	13 606	576	1 122	1 287	2 986	3 582	2 843	1 184	26	$15 807	$15 621	9 204	$17 651
FOOD AND KINDRED PRODUCTS	2 822	158	242	259	656	677	519	307	4	$15 484	$15 248	1 869	$17 205
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	338	1	57	58	99	76	35	12	-	$12 718	$13 136	190	$12 364
PAPER AND ALLIED PRODUCTS	4 203	77	163	280	777	1 398	1 119	383	6	$17 291	$17 270	3 276	$18 510
OTHER NONDURABLE GOODS	6 243	340	660	690	1 454	1 431	1 170	482	16	$14 904	$14 814	3 869	$17 287
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	52 315	1 892	3 686	5 178	10 371	14 369	10 785	5 975	59	$16 281	$16 179	32 142	$18 383
METAL INDUSTRIES	11 515	454	899	1 382	3 052	3 059	1 638	1 022	9	$14 941	$15 004	6 854	$16 624
MACHINERY, INCLUDING ELECTRICAL	12 124	531	1 179	1 579	2 412	3 151	2 090	1 156	26	$15 375	$15 063	7 565	$17 418
TRANSPORTATION EQUIPMENT	23 166	611	1 071	1 308	3 494	6 857	6 333	3 482	10	$18 289	$17 965	14 337	$20 421
OTHER DURABLE GOODS	5 510	296	537	909	1 413	1 302	724	315	14	$13 441	$13 582	3 386	$15 610
NONMANUFACTURING INDUSTRIES	5 338	419	769	748	1 143	1 161	624	447	27	$13 052	$13 646	2 997	$16 077
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	1 077	53	43	96	205	345	222	113	-	$16 492	$16 460	789	$17 702
WHOLESALE AND RETAIL TRADE	1 808	138	283	237	429	474	159	81	7	$12 725	$13 202	1 167	$15 392
ALL OTHER INDUSTRIES	2 453	228	443	415	509	342	243	253	20	$11 412	$12 738	1 041	$15 794
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	141 746	5 896	10 378	14 542	28 596	43 042	25 706	13 270	316	$15 900	$15 689	71 528	$18 032
WELDERS AND CUTTERS	41 839	1 562	3 072	4 384	8 391	10 910	7 196	6 149	175	$16 175	$16 513	23 465	$18 756
ASSEMBLERS	97 041	4 145	6 837	9 778	19 645	31 522	18 191	6 803	120	$15 844	$15 393	46 478	$17 791
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	2 866	189	469	380	560	610	319	318	21	$13 138	$13 689	1 585	$16 320
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	37 704	1 138	1 411	1 815	5 522	11 750	10 272	5 747	49	$18 393	$18 280	24 999	$20 226
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	173 572	7 395	15 652	16 922	32 049	38 991	34 094	27 331	1 138	$16 467	$16 687	104 202	$19 020
MOTOR VEHICLE OPERATORS	107 730	5 515	11 829	11 679	19 385	21 960	19 551	16 864	947	$15 928	$16 183	63 707	$18 813
TRUCK DRIVERS AND DRIVER-SALES WORKERS	94 434	4 318	8 954	9 513	17 460	19 876	17 728	15 699	886	$16 359	$16 708	57 534	$19 052
BUS DRIVERS	5 523	425	1 016	1 119	931	1 018	578	398	38	$10 878	$12 319	2 532	$16 311
RAIL AND WATER TRANSPORTATION OCCUPATIONS	8 307	142	290	442	786	1 702	2 285	2 620	40	$21 296	$21 106	5 540	$22 971
MATERIAL MOVING EQUIPMENT OPERATORS	57 535	1 738	3 533	4 801	11 878	15 329	12 258	7 847	151	$16 720	$16 992	34 955	$18 460
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	4 571	149	364	354	981	1 157	925	583	58	$16 430	$17 185	2 331	$17 581
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	138 704	22 442	32 989	20 747	22 961	22 115	11 985	5 242	223	$8 619	$10 001	53 219	$15 598
CONSTRUCTION LABORERS	22 887	2 050	4 384	4 504	5 273	3 692	1 881	1 049	54	$10 472	$11 179	6 652	$15 729
FREIGHT, STOCK, AND MATERIAL HANDLERS	46 286	9 229	12 599	5 904	6 176	7 398	3 576	1 348	56	$6 824	$9 090	17 504	$15 683
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	12 980	3 781	5 194	2 060	1 116	437	217	155	20	$3 635	$5 321	3 178	$9 440
HAND PACKERS AND PACKAGERS	6 979	821	1 334	1 041	1 243	1 452	822	255	11	$11 146	$11 481	3 312	$16 149
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	13 575	2 715	3 454	2 125	1 850	1 696	1 132	593	10	$7 011	$9 308	4 699	$15 431
LABORERS, EXCEPT CONSTRUCTION	35 997	3 846	6 024	5 113	7 303	7 440	4 357	1 842	72	$11 963	$12 087	17 874	$16 046
MANUFACTURING	19 790	1 316	2 634	2 660	4 199	4 495	3 069	1 368	49	$13 689	$13 629	10 584	$16 697
NONDURABLE GOODS	3 990	351	791	593	882	796	443	127	7	$11 323	$11 411	2 046	$15 742
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	15 800	965	1 843	2 067	3 317	3 699	2 626	1 241	42	$14 447	$14 189	8 538	$16 995
METAL INDUSTRIES	5 520	362	690	782	1 142	1 190	817	511	26	$13 917	$14 175	2 807	$16 800
NONMANUFACTURING INDUSTRIES	16 207	2 530	3 390	2 453	3 104	2 945	1 288	474	23	$9 520	$10 204	7 290	$15 367
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	3 651	243	491	514	743	1 106	382	158	14	$13 796	$13 175	1 918	$16 256
WHOLESALE AND RETAIL TRADE	7 743	1 045	1 766	1 213	1 527	1 268	697	227	-	$9 456	$10 228	3 819	$15 055
ALL OTHER INDUSTRIES	4 813	1 242	1 133	726	834	571	209	89	9	$6 143	$7 911	1 553	$14 217
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	1 870	191	803	683	110	47	19	17	-	$5 781	$6 068	672	$6 896

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

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

MICHIGAN

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
FEMALE EXPERIENCED CIVILIAN LABOR FORCE	1 626 993	248 780	417 039	366 871	322 484	175 946	67 360	26 210	2 303	$7 601	$8 542	697 251	$11 442
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	315 937	26 977	49 673	48 567	73 117	68 233	34 473	13 786	1 111	$12 212	$12 309	139 777	$14 982
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	101 060	6 428	15 471	19 140	28 104	16 712	8 626	6 151	428	$11 545	$12 268	67 104	$13 518
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	4 238	287	719	683	1 000	826	444	272	7	$12 137	$12 501	2 700	$15 268
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	5 280	484	717	629	986	651	866	936	11	$13 849	$14 839	2 361	$15 671
MANAGERS, MEDICINE AND HEALTH	1 877	93	134	217	486	415	311	206	15	$15 068	$15 552	1 449	$16 157
OTHER SPECIFIED MANAGERS	15 364	745	1 947	2 955	4 819	2 804	1 164	852	78	$12 000	$12 568	11 289	$13 346
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	38 604	2 209	6 616	8 439	10 778	5 630	2 598	2 102	232	$10 835	$11 871	25 160	$13 001
MANUFACTURING	3 707	86	354	453	1 029	753	443	529	60	$14 583	$16 484	2 885	$16 078
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	1 884	25	116	203	401	430	379	330	-	$16 832	$17 344	1 531	$18 267
WHOLESALE AND RETAIL TRADE	13 742	876	3 046	3 722	3 650	1 471	505	391	81	$9 182	$10 214	8 743	$11 365
ALL OTHER INDUSTRIES	19 271	1 222	3 100	4 061	5 698	2 976	1 271	852	91	$10 986	$11 630	12 001	$13 252
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	3 763	858	1 083	602	475	283	197	221	44	$5 695	$8 222	2 127	$7 018
CONSTRUCTION	33	12	2	11	6	-	2	-	-	$7 667	$5 796	5	$1,000-
MANUFACTURING	199	17	42	28	54	4	14	27	13	$11 087	$14 734	115	$12 564
WHOLESALE AND RETAIL TRADE	2 111	586	637	287	224	159	103	104	11	$4 710	$6 989	1 223	$5 693
ALL OTHER INDUSTRIES	1 420	243	402	276	191	120	78	90	20	$6 699	$9 200	784	$7 889
MANAGEMENT RELATED OCCUPATIONS	31 934	1 752	4 255	5 615	9 560	6 103	3 046	1 562	41	$12 109	$12 432	22 018	$14 015
ACCOUNTANTS AND AUDITORS	13 020	528	1 605	2 381	4 057	2 554	1 296	592	7	$12 352	$12 703	9 133	$14 112
BUYERS AND PURCHASING AGENTS	4 297	124	533	1 079	1 333	696	330	181	21	$11 337	$12 201	3 147	$12 496
PROFESSIONAL SPECIALTY OCCUPATIONS	214 877	20 549	34 202	29 427	45 013	51 521	25 847	7 635	683	$12 586	$12 328	72 673	$15 638
ENGINEERS, ARCHITECTS, AND SURVEYORS	2 896	87	243	302	499	669	609	481	6	$16 904	$16 641	2 079	$19 907
ARCHITECTS	203	8	38	13	52	41	36	15	-	$13 846	$14 087	115	$18 774
ENGINEERS	2 631	62	194	283	439	608	573	466	6	$17 311	$17 030	1 933	$20 085
ELECTRICAL AND ELECTRONIC ENGINEERS	451	10	7	40	83	108	102	101	-	$18 631	$17 978	360	$20 351
MECHANICAL ENGINEERS	722	-	52	76	112	150	179	153	-	$18 748	$18 309	510	$21 319
OTHER ENGINEERS	1 458	52	135	167	244	350	292	212	6	$16 429	$16 103	1 065	$18 723
SURVEYORS AND MAPPING SCIENTISTS	62	17	11	6	8	20	-	-	-	$9 000	$8 507	31	$10 875
MATHEMATICAL AND COMPUTER SCIENTISTS	2 892	60	180	283	539	736	654	440	-	$17 111	$17 070	2 222	$18 890
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	1 604	48	86	145	324	399	372	230	-	$17 004	$16 896	1 225	$18 833
NATURAL SCIENTISTS	1 895	120	307	221	498	399	180	149	21	$13 020	$13 848	1 146	$16 208
HEALTH DIAGNOSING OCCUPATIONS	2 804	93	248	356	379	574	213	539	402	$17 410	$25 118	1 483	$20 062
PHYSICIANS	2 303	44	146	262	321	493	174	492	371	$18 509	$27 320	1 274	$23 146
DENTISTS	230	9	39	48	25	29	22	30	28	$13 871	$18 800	84	$13 632
OTHER HEALTH DIAGNOSING PRACTITIONERS	271	40	63	46	33	52	17	17	3	$9 100	$11 761	125	$13 889
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	54 671	2 627	7 165	10 141	14 474	14 831	3 974	1 420	39	$12 501	$12 242	26 818	$15 794
REGISTERED NURSES	44 839	1 982	5 596	8 362	11 622	12 848	3 292	1 104	33	$12 707	$12 396	21 894	$15 975
PHARMACISTS	1 542	117	216	303	284	228	266	122	6	$12 138	$13 274	761	$19 256
THERAPISTS	5 703	337	899	1 007	1 753	1 286	273	148	-	$11 953	$11 435	2 616	$14 099
TEACHERS, LIBRARIANS, AND COUNSELORS	112 584	12 787	18 738	11 810	20 664	27 250	17 953	3 339	43	$13 118	$12 339	19 704	$15 513
TEACHERS, POSTSECONDARY	8 133	1 062	1 972	1 028	1 090	1 202	1 077	700	2	$10 021	$11 655	1 921	$17 707
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	69 542	6 192	10 012	6 914	13 355	19 352	11 951	1 747	19	$14 308	$13 046	10 590	$15 610
TEACHERS, SECONDARY	17 550	1 640	2 355	1 608	3 984	4 411	3 139	413	-	$13 911	$13 064	3 006	$15 568
SOCIAL SCIENTISTS AND URBAN PLANNERS	2 495	80	258	338	544	675	391	196	13	$15 125	$14 729	1 303	$16 913
SOCIAL AND RECREATION WORKERS	14 449	927	1 600	2 143	3 984	4 548	933	291	23	$13 169	$12 506	9 383	$15 150
RELIGIOUS WORKERS	1 803	339	732	360	244	87	17	24	-	$5 148	$6 208	643	$7 971
LAWYERS AND JUDGES	2 205	188	345	241	446	321	271	317	76	$13 587	$15 967	1 368	$18 465
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	16 183	3 241	4 386	3 232	2 742	1 431	652	439	60	$6 590	$8 182	6 524	$12 161
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	731 387	98 769	186 132	188 922	165 826	63 809	20 180	6 988	761	$7 782	$8 241	358 125	$11 143
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	50 912	3 664	9 149	11 625	16 759	7 115	1 993	584	23	$10 279	$10 114	26 521	$12 896
HEALTH TECHNOLOGISTS AND TECHNICIANS	36 011	2 202	6 313	8 913	12 749	4 709	921	186	18	$10 208	$9 903	18 136	$12 635
LICENSED PRACTICAL NURSES	19 022	1 288	3 762	5 034	7 320	1 312	243	52	11	$9 592	$9 077	8 854	$12 163
ENGINEERING AND SCIENCE TECHNICIANS	6 414	728	1 237	1 145	1 753	1 061	359	131	-	$10 259	$10 203	3 565	$13 332
ELECTRICAL AND ELECTRONIC TECHNICIANS	562	35	89	109	175	125	24	5	-	$11 811	$11 081	372	$13 498
DRAFTING AND SURVEYING TECHNICIANS	2 011	160	402	396	587	327	72	67	-	$10 313	$10 340	1 181	$12 651
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	8 487	734	1 599	1 567	2 257	1 345	713	267	5	$10 684	$10 943	4 820	$14 131
AIRPLANE PILOTS AND NAVIGATORS	9	4	-	-	5	-	-	-	-	$10 200	$6 005	-	-
COMPUTER PROGRAMMERS	3 068	136	316	412	850	748	455	151	-	$13 696	$13 742	2 151	$15 907
SALES OCCUPATIONS	184 793	43 643	67 624	37 025	21 612	9 507	2 938	2 065	379	$4 684	$6 152	59 319	$9 619
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	14 685	1 487	3 201	4 242	3 611	1 161	428	450	105	$8 512	$9 537	9 427	$10 426
SELF-EMPLOYED	3 000	820	696	508	471	116	113	205	71	$5 905	$9 651	1 928	$7 884
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	19 642	2 219	4 687	4 154	4 275	2 267	976	926	138	$8 911	$10 210	9 963	$12 125
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	5 744	796	1 124	1 124	1 359	753	331	224	33	$9 440	$10 230	3 007	$12 867
SALES WORKERS, RETAIL AND PERSONAL SERVICES	144 251	38 967	58 453	27 400	12 336	5 324	1 203	465	103	$3 946	$5 100	36 838	$8 626
CASHIERS	63 581	16 507	24 430	11 382	6 541	3 926	604	165	26	$4 155	$5 554	16 681	$9 550
SALES RELATED OCCUPATIONS	471	174	159	105	31	2	-	-	-	$3 164	$4 074	84	$8 815

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

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MICHIGAN

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	495 682	51 462	109 359	140 272	127 455	47 187	15 249	4 339	359	$8 606	$8 827	272 285	$11 200
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	18 877	510	1 336	3 397	6 295	4 595	1 890	834	20	$13 163	$13 532	15 184	$14 161
COMPUTER EQUIPMENT OPERATORS	9 064	640	1 249	2 462	3 222	916	437	138	-	$10 226	$10 197	6 139	$11 660
SECRETARIES, STENOGRAPHERS, AND TYPISTS	177 649	16 772	35 794	52 013	50 896	15 575	4 972	1 481	146	$8 926	$8 968	100 571	$11 224
SECRETARIES	146 913	12 398	28 564	43 709	43 033	13 394	4 484	1 218	113	$9 093	$9 156	84 914	$11 274
RECEPTIONISTS	22 243	3 797	7 175	7 486	3 249	430	50	49	7	$6 080	$6 164	8 559	$9 197
FILE CLERKS	8 703	2 262	2 779	2 077	1 090	338	120	33	4	$4 633	$5 757	2 967	$9 377
FINANCIAL RECORDS PROCESSING OCCUPATIONS	69 257	5 255	14 584	20 926	20 128	5 739	1 896	640	89	$8 976	$9 081	41 201	$10 971
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	53 710	4 214	11 627	16 075	15 427	4 367	1 411	515	74	$8 881	$8 996	31 396	$10 986
TELEPHONE OPERATORS	9 934	1 123	2 133	2 707	3 154	665	119	33	-	$8 650	$8 338	5 302	$11 038
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	11 551	951	1 911	1 782	1 820	4 031	1 005	51	-	$12 883	$11 897	6 659	$15 825
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	11 826	1 045	2 109	3 425	3 071	1 564	529	83	-	$9 285	$9 600	7 074	$11 245
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	3 714	81	266	1 175	1 597	492	103	-	-	$10 834	$10 854	2 989	$11 514
BANK TELLERS	20 312	1 521	6 468	8 948	2 985	300	62	21	7	$6 932	$6 815	10 233	$8 797
DATA-ENTRY KEYERS	12 745	825	2 528	3 839	3 885	1 271	359	38	-	$9 284	$9 220	7 709	$11 272
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	119 807	16 680	31 027	30 035	26 063	11 271	3 707	938	86	$7 654	$8 249	57 698	$11 339
SERVICE OCCUPATIONS	323 436	93 985	125 623	64 443	28 310	7 099	2 431	1 327	218	$3 856	$4 913	87 328	$8 337
PRIVATE HOUSEHOLD OCCUPATIONS	15 635	9 123	5 338	778	220	86	46	38	6	$1 587	$2 366	2 176	$3 874
PROTECTIVE SERVICE OCCUPATIONS	7 399	1 588	1 967	1 122	990	717	750	263	2	$6 471	$8 755	3 011	$14 755
FIREFIGHTING OCCUPATIONS	45	-	3	6	14	8	-	14	-	$14 828	$16 465	37	$16 749
POLICE AND DETECTIVES, PUBLIC SERVICE	1 347	45	80	83	212	329	514	84	-	$18 499	$16 789	975	$20 211
GUARDS	5 220	1 470	1 779	953	513	188	168	149	-	$3 957	$6 126	1 491	$10 990
OTHER PROTECTIVE SERVICE OCCUPATIONS	787	73	105	80	251	192	68	16	2	$12 690	$12 000	508	$14 937
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	300 402	83 274	118 318	62 543	27 100	6 296	1 635	1 026	210	$3 979	$4 951	82 141	$8 318
FOOD PREPARATION AND SERVICE OCCUPATIONS	139 654	46 843	63 285	21 256	6 086	1 369	458	286	71	$3 159	$3 895	25 347	$7 127
WAITERS AND FOOD COUNTER WORKERS	71 165	25 383	34 211	8 764	2 150	410	133	79	35	$2 949	$3 488	10 442	$6 151
COOKS	29 404	7 475	13 465	6 076	1 831	341	135	74	7	$3 903	$4 585	7 284	$7 619
HEALTH SERVICE OCCUPATIONS	69 827	10 526	23 287	22 152	11 441	1 698	388	285	50	$6 184	$6 486	30 091	$8 950
NURSING AIDES, ORDERLIES, AND ATTENDANTS	47 770	7 765	16 545	13 969	7 717	1 201	312	224	37	$5 902	$6 383	20 498	$8 851
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	41 617	9 594	13 303	10 444	5 698	1 884	456	197	41	$5 307	$6 201	15 325	$9 237
PERSONAL SERVICE OCCUPATIONS	49 304	16 311	18 443	8 691	3 875	1 345	333	258	48	$3 560	$4 712	11 378	$7 949
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	18 004	3 022	6 928	4 440	2 463	811	165	162	13	$5 518	$6 320	5 988	$8 880
FARMING, FORESTRY, AND FISHING OCCUPATIONS	9 674	3 783	3 450	1 429	597	210	75	115	15	$2 860	$4 301	2 953	$6 385
FARM OPERATORS AND MANAGERS	2 709	1 078	847	321	216	86	58	92	11	$2 892	$5 261	1 453	$4 299
FARM OCCUPATIONS, EXCEPT MANAGERIAL	3 813	1 720	1 343	516	151	65	2	16	-	$2 390	$3 496	762	$6 774
RELATED AGRICULTURAL OCCUPATIONS	2 959	909	1 216	566	202	47	9	6	4	$3 442	$4 365	697	$8 084
FORESTRY AND FISHING OCCUPATIONS	193	76	44	26	28	12	6	1	-	$3 357	$5 761	41	$14 114
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	30 662	3 214	6 614	6 909	6 420	3 770	2 033	1 660	42	$9 187	$10 423	16 486	$12 477
MECHANICS AND REPAIRERS	4 627	353	596	895	1 037	936	521	287	2	$12 167	$12 570	2 817	$15 340
AUTOMOBILE MECHANICS, INCLUDING BODY	804	83	121	143	176	142	94	45	-	$11 325	$12 052	393	$15 046
AIRCRAFT MECHANICS	25	2	-	4	12	-	7	-	-	$11 083	$12 412	19	$11 583
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	51	-	12	9	20	-	5	5	-	$11 125	$11 744	39	$12 098
OTHER MECHANICS AND REPAIRERS	3 747	268	463	739	829	794	415	237	2	$12 382	$12 694	2 366	$15 440
CONSTRUCTION TRADES	2 876	481	646	515	554	357	208	108	7	$8 406	$9 517	1 209	$13 190
CARPENTERS	424	139	74	59	101	27	16	8	-	$5 889	$6 992	144	$11 074
ELECTRICIANS	496	26	60	101	85	87	79	58	-	$12 929	$14 015	331	$16 252
PAINTERS, CONSTRUCTION AND MAINTENANCE	721	208	193	150	104	42	18	6	-	$5 012	$6 126	155	$10 841
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	148	10	34	12	42	24	13	13	-	$12 452	$12 446	93	$13 766
OTHER CONSTRUCTION TRADES	1 087	98	285	193	222	177	82	23	7	$9 356	$10 300	486	$14 109
EXTRACTIVE OCCUPATIONS	79	-	7	26	9	24	13	-	-	$13 789	$13 015	52	$16 529
PRECISION PRODUCTION OCCUPATIONS	23 080	2 380	5 365	5 473	4 820	2 453	1 291	1 265	33	$8 763	$10 096	12 408	$11 886
SUPERVISORS, PRODUCTION OCCUPATIONS	8 056	348	884	1 609	2 091	1 234	837	1 034	19	$12 367	$13 929	5 756	$14 523
MANUFACTURING	4 902	177	337	776	1 165	875	654	899	19	$14 975	$15 998	3 767	$16 489
PRECISION METALWORKING OCCUPATIONS	2 200	191	364	517	504	310	232	76	6	$10 218	$11 103	1 251	$12 283
TOOL AND DIE MAKERS	486	28	21	85	90	73	137	52	-	$16 028	$15 623	345	$16 245
MACHINISTS	926	64	186	269	215	132	42	12	6	$9 082	$9 930	519	$11 392
SHEET METAL WORKERS	67	-	-	21	26	12	2	6	-	$11 786	$13 565	53	$10 786
OTHER PRECISION METAL WORKERS	721	99	157	142	173	93	51	6	-	$9 013	$9 335	334	$11 647
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	4 299	843	1 523	1 069	553	244	26	39	2	$5 481	$6 341	1 521	$8 916
PLANT AND SYSTEM OPERATORS	315	40	63	32	65	64	27	24	-	$11 667	$11 612	202	$15 705
OTHER PRECISION PRODUCTION OCCUPATIONS	8 210	958	2 531	2 246	1 607	601	169	92	6	$7 105	$7 973	3 678	$10 047

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

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MICHIGAN

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
OPERATORS, FABRICATORS, AND LABORERS	215 653	21 952	45 476	56 533	48 214	32 820	8 168	2 334	156	$8 859	$9 417	92 530	$11 636
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	162 573	13 688	28 911	43 096	39 717	28 240	6 949	1 869	103	$9 604	$10 057	75 420	$11 796
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	84 875	7 993	17 607	24 760	19 891	11 029	2 799	754	42	$8 727	$9 194	39 856	$10 947
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	17 560	1 210	2 994	4 700	4 797	2 769	903	185	2	$9 907	$10 230	8 446	$11 977
PRINTING MACHINE OPERATORS	4 039	495	1 050	1 039	1 012	328	77	38	-	$7 994	$8 173	1 991	$11 011
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	18 684	2 132	4 787	5 429	3 135	2 701	353	135	12	$7 509	$8 464	7 765	$9 444
TEXTILE MACHINE OPERATORS	557	70	127	207	109	38	6	-	-	$7 430	$7 666	265	$8 986
TEXTILE SEWING MACHINE OPERATORS	11 149	897	2 075	2 716	2 511	2 517	298	123	12	$9 807	$10 235	4 482	$12 522
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	4 794	954	1 608	1 696	377	124	25	10	-	$5 644	$5 656	2 054	$7 770
OTHER SPECIFIED MACHINE OPERATORS	17 214	1 906	3 766	5 707	3 649	1 589	490	95	12	$8 088	$8 452	8 130	$10 274
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	27 378	2 250	5 010	7 885	7 298	3 642	976	301	16	$9 292	$9 644	13 524	$11 318
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	7 033	552	1 310	1 999	2 047	804	204	117	-	$9 298	$9 623	3 507	$11 273
MACHINE OPERATORS, NOT SPECIFIED	20 345	1 698	3 700	5 886	5 251	2 838	772	184	16	$9 291	$9 651	10 017	$11 333
INDUSTRY:													
MANUFACTURING	25 043	1 816	4 453	7 212	6 828	3 511	924	283	16	$9 503	$9 860	12 547	$11 394
NONDURABLE GOODS	8 556	833	1 969	2 909	2 125	537	110	73	-	$8 147	$8 198	3 754	$10 238
FOOD AND KINDRED PRODUCTS	1 322	104	327	312	422	123	5	29	-	$9 137	$8 938	531	$12 297
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	671	33	126	330	145	21	14	2	-	$8 401	$8 243	321	$9 465
PAPER AND ALLIED PRODUCTS	918	77	151	260	295	118	12	5	-	$9 699	$9 534	525	$11 292
OTHER NONDURABLE GOODS	5 645	619	1 365	2 007	1 263	275	79	37	-	$7 620	$7 802	2 377	$9 685
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	16 487	983	2 484	4 303	4 703	2 974	814	210	16	$10 389	$10 722	8 793	$11 911
METAL INDUSTRIES	3 487	201	584	1 191	1 026	370	81	21	13	$9 300	$9 758	1 803	$10 453
MACHINERY, INCLUDING ELECTRICAL	3 331	241	686	870	965	455	86	28	-	$9 386	$9 520	1 816	$11 157
TRANSPORTATION EQUIPMENT	6 780	319	741	1 256	1 776	1 927	619	142	-	$12 719	$12 550	3 544	$15 303
OTHER DURABLE GOODS	2 889	222	473	986	936	222	28	19	3	$9 082	$8 984	1 630	$10 758
NONMANUFACTURING INDUSTRIES	2 335	434	557	673	470	131	52	18	-	$6 849	$7 329	977	$10 440
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	212	21	42	63	27	53	6	-	-	$7 911	$9 515	110	$15 133
WHOLESALE AND RETAIL TRADE	803	208	196	215	126	31	15	12	-	$5 965	$6 568	294	$9 421
ALL OTHER INDUSTRIES	1 320	205	319	395	317	47	31	6	-	$7 193	$7 441	573	$10 429
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	58 651	4 341	8 800	14 137	14 671	12 914	2 954	789	45	$10 634	$10 890	25 481	$12 944
WELDERS AND CUTTERS	4 019	261	586	1 049	1 050	800	208	65	-	$10 483	$10 886	1 679	$12 849
ASSEMBLERS	53 268	3 850	7 839	12 737	13 380	11 993	2 708	716	45	$10 757	$10 975	23 250	$13 054
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	1 364	230	375	351	241	121	38	8	-	$6 945	$7 584	552	$9 781
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	19 047	1 354	2 504	4 199	5 155	4 297	1 196	326	16	$11 240	$11 336	10 083	$13 150
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	18 797	2 059	7 311	5 166	2 165	1 202	577	301	16	$6 018	$7 327	4 143	$11 797
MOTOR VEHICLE OPERATORS	15 853	1 901	6 977	4 460	1 342	623	328	206	16	$5 477	$6 493	2 664	$10 914
TRUCK DRIVERS AND DRIVER-SALES WORKERS	3 451	527	946	797	520	342	201	111	7	$7 125	$8 843	1 263	$12 599
BUS DRIVERS	11 202	1 163	5 584	3 432	698	188	52	76	9	$5 254	$5 687	1 022	$9 818
RAIL AND WATER TRANSPORTATION OCCUPATIONS	105	12	9	27	19	10	28	-	-	$10 818	$12 183	65	$14 168
MATERIAL MOVING EQUIPMENT OPERATORS	2 839	146	325	679	804	569	221	95	-	$11 331	$11 806	1 414	$13 235
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	73	-	23	3	6	31	2	8	-	$15 360	$13 779	25	$16 108
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	34 283	6 205	9 254	8 271	6 332	3 378	642	164	37	$6 796	$7 526	12 967	$10 680
CONSTRUCTION LABORERS	621	149	188	172	74	29	6	3	-	$5 509	$6 255	139	$9 341
FREIGHT, STOCK, AND MATERIAL HANDLERS	9 268	2 021	2 877	1 999	1 294	823	213	36	5	$5 603	$6 826	3 114	$10 413
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	1 268	493	506	183	59	25	2	-	-	$3 153	$3 738	297	$7 167
HAND PACKERS AND PACKAGERS	13 932	1 984	3 442	3 665	3 184	1 406	166	53	32	$7 649	$8 073	5 702	$10 716
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	1 857	360	381	441	373	211	70	21	-	$7 777	$8 254	742	$11 609
LABORERS, EXCEPT CONSTRUCTION	7 337	1 198	1 860	1 811	1 348	884	185	51	-	$7 473	$7 949	2 973	$11 023
MANUFACTURING	4 671	490	1 003	1 261	1 030	678	169	40	-	$8 833	$9 130	2 060	$11 607
NONDURABLE GOODS	1 627	195	428	462	349	177	11	5	-	$8 153	$7 956	700	$10 861
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	3 044	295	575	799	681	501	158	35	-	$9 305	$9 757	1 360	$12 210
METAL INDUSTRIES	914	63	202	291	154	149	40	15	-	$8 747	$9 471	369	$10 257
NONMANUFACTURING INDUSTRIES	2 666	708	857	550	318	206	16	11	-	$4 552	$5 881	913	$10 103
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	294	65	61	82	48	32	6	-	-	$6 977	$7 173	111	$10 917
WHOLESALE AND RETAIL TRADE	1 307	291	366	309	226	115	-	-	-	$5 900	$6 511	513	$10 524
ALL OTHER INDUSTRIES	1 065	352	430	159	44	59	10	11	-	$3 512	$4 750	289	$8 614
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	244	100	71	68	-	5	-	-	-	$3 500	$3 662	52	$6 632

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

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MICHIGAN

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
WHITE													
MALE EXPERIENCED CIVILIAN LABOR FORCE	2 135 308	127 262	220 643	192 480	324 177	401 987	360 471	448 940	59 348	$17 112	$18 762	1 412 490	$20 494
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	460 274	9 734	23 577	24 197	47 600	72 332	81 543	161 412	39 879	$22 897	$27 231	356 508	$25 164
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	234 152	4 010	9 828	11 064	24 187	35 911	39 124	86 788	23 240	$23 887	$28 586	200 323	$25 343
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	7 654	212	299	381	865	1 627	1 696	2 492	82	$20 989	$21 757	6 587	$21 971
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	9 453	63	295	205	489	905	1 993	5 324	179	$26 166	$25 904	6 201	$26 712
MANAGERS, MEDICINE AND HEALTH	1 829	14	49	71	158	270	342	714	211	$25 180	$29 403	1 657	$25 939
OTHER SPECIFIED MANAGERS	42 902	490	1 358	1 615	3 798	6 572	7 539	17 674	3 856	$25 053	$28 428	38 284	$25 975
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	104 325	1 420	4 065	5 113	10 442	14 263	15 288	38 470	15 264	$25 528	$32 375	90 593	$27 133
MANUFACTURING	36 971	251	412	607	1 783	3 405	5 114	17 441	7 958	$32 206	$40 567	34 092	$32 882
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	7 134	51	125	162	533	806	1 402	3 410	645	$26 423	$30 130	6 511	$26 935
WHOLESALE AND RETAIL TRADE	28 787	443	1 908	2 804	4 842	5 085	4 047	6 422	3 236	$19 126	$26 330	23 670	$20 970
ALL OTHER INDUSTRIES	31 433	675	1 620	1 540	3 284	4 967	4 725	11 197	3 425	$23 602	$28 785	26 320	$25 601
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	12 561	1 021	1 297	1 250	2 249	1 683	1 475	2 531	1 055	$16 109	$22 255	9 654	$17 853
CONSTRUCTION	1 816	114	186	218	348	285	250	284	131	$15 557	$22 792	1 059	$18 536
MANUFACTURING	1 764	144	164	141	321	212	209	378	195	$17 312	$23 170	1 453	$19 267
WHOLESALE AND RETAIL TRADE	5 064	484	555	456	912	759	603	994	301	$15 631	$19 944	4 033	$16 544
ALL OTHER INDUSTRIES	3 917	279	392	435	668	427	413	875	428	$16 854	$24 582	3 109	$19 626
MANAGEMENT RELATED OCCUPATIONS	55 428	790	2 465	2 429	6 186	10 591	10 791	19 583	2 593	$22 052	$24 384	47 347	$23 468
ACCOUNTANTS AND AUDITORS	22 911	251	1 038	1 116	2 418	4 372	4 442	8 110	1 164	$22 163	$24 298	19 644	$23 635
BUYERS AND PURCHASING AGENTS	8 709	119	263	370	1 193	2 044	1 686	2 773	261	$20 831	$22 760	7 720	$21 652
PROFESSIONAL SPECIALTY OCCUPATIONS	226 122	5 724	13 749	13 133	23 413	36 421	42 419	74 624	16 639	$22 058	$25 829	156 185	$24 946
ENGINEERS, ARCHITECTS, AND SURVEYORS	61 477	414	1 333	1 350	3 178	6 664	11 880	34 400	2 258	$27 099	$27 831	54 226	$28 000
ARCHITECTS	2 768	95	137	153	360	429	453	946	195	$21 977	$24 443	2 155	$24 179
ENGINEERS	57 890	308	1 122	1 115	2 599	6 053	11 294	33 361	2 038	$27 430	$28 140	51 424	$28 285
ELECTRICAL AND ELECTRONIC ENGINEERS	6 935	33	163	180	465	884	1 535	3 546	109	$25 476	$25 535	6 138	$26 290
MECHANICAL ENGINEERS	24 089	102	379	360	755	1 480	3 898	16 139	976	$30 268	$30 323	21 653	$30 682
OTHER ENGINEERS	26 866	173	580	575	1 379	3 689	5 841	13 676	953	$25 837	$26 855	23 633	$26 556
SURVEYORS AND MAPPING SCIENTISTS	819	11	74	82	219	182	133	93	25	$15 448	$17 450	647	$16 961
MATHEMATICAL AND COMPUTER SCIENTISTS	8 301	46	202	205	445	1 265	2 042	3 999	97	$24 818	$24 759	7 495	$25 407
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	5 502	28	100	113	292	899	1 395	2 637	38	$24 630	$24 561	5 039	$25 178
NATURAL SCIENTISTS	6 387	104	373	404	770	1 065	1 473	1 993	205	$21 250	$23 132	5 327	$22 453
HEALTH DIAGNOSING OCCUPATIONS	19 485	298	480	907	958	1 442	1 022	5 169	9 209	$47 007	$55 337	13 000	$51 395
PHYSICIANS	11 639	148	228	689	540	928	449	2 420	6 237	$52 706	$60 604	8 350	$56 761
DENTISTS	4 893	75	128	78	209	242	290	1 679	2 192	$46 013	$53 066	2 542	$47 912
OTHER HEALTH DIAGNOSING PRACTITIONERS	2 953	75	124	140	209	272	283	1 070	780	$31 280	$38 337	2 108	$34 087
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	8 802	229	576	815	1 400	1 760	1 768	2 041	213	$18 622	$19 540	6 591	$20 940
REGISTERED NURSES	1 579	28	74	148	356	498	204	248	23	$16 312	$17 828	1 224	$17 218
PHARMACISTS	4 326	104	251	270	301	511	1 172	1 568	149	$22 643	$22 992	3 373	$24 569
THERAPISTS	2 139	72	200	309	526	540	283	168	41	$14 626	$15 488	1 430	$16 353
TEACHERS, LIBRARIANS, AND COUNSELORS	61 521	1 944	4 756	3 563	7 720	14 554	16 726	11 778	480	$19 176	$18 716	24 404	$20 675
TEACHERS, POSTSECONDARY	14 224	493	1 672	994	1 035	1 852	2 794	5 017	367	$21 548	$21 601	7 242	$25 275
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	25 042	500	1 147	1 220	3 628	7 249	7 687	3 542	69	$18 842	$18 357	8 637	$19 321
TEACHERS, SECONDARY	14 553	259	651	720	2 180	4 204	4 572	1 947	20	$18 799	$18 285	5 084	$19 240
SOCIAL SCIENTISTS AND URBAN PLANNERS	4 253	56	224	223	367	716	808	1 616	243	$23 006	$25 232	3 268	$25 475
SOCIAL AND RECREATION WORKERS	6 253	270	547	513	1 135	2 090	1 143	529	26	$16 069	$15 802	4 639	$17 132
RELIGIOUS WORKERS	9 261	302	1 168	1 958	2 902	1 754	775	371	31	$12 043	$12 504	7 746	$12 592
LAWYERS AND JUDGES	14 380	318	875	673	1 031	1 397	1 433	5 372	3 281	$30 039	$38 216	11 738	$32 702
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	26 002	1 743	3 215	2 522	3 507	3 714	3 349	7 356	596	$17 355	$19 346	17 751	$21 747
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	357 811	18 656	38 622	33 204	56 043	70 672	57 812	71 709	11 093	$16 871	$18 688	260 683	$19 885
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	57 578	2 010	5 284	4 799	8 991	11 059	10 492	14 347	596	$18 120	$18 779	43 090	$20 842
HEALTH TECHNOLOGISTS AND TECHNICIANS	5 365	206	713	663	1 316	1 421	696	332	18	$14 088	$13 879	3 833	$15 981
LICENSED PRACTICAL NURSES	553	30	80	64	203	100	46	30	-	$12 905	$12 428	402	$13 715
ENGINEERING AND SCIENCE TECHNICIANS	36 150	1 218	2 815	2 802	5 356	6 882	6 570	10 208	299	$19 058	$19 537	27 679	$21 390
ELECTRICAL AND ELECTRONIC TECHNICIANS	5 191	111	318	385	880	1 158	1 394	945	-	$18 565	$18 052	4 159	$20 264
DRAFTING AND SURVEYING TECHNICIANS	16 852	640	1 496	1 688	2 793	3 059	2 278	4 786	112	$17 560	$18 810	12 358	$20 825
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	16 063	586	1 756	1 334	2 319	2 756	3 226	3 807	279	$18 381	$18 709	11 578	$21 246
AIRPLANE PILOTS AND NAVIGATORS	1 228	17	40	93	141	146	223	441	127	$23 722	$27 058	743	$26 031
COMPUTER PROGRAMMERS	6 479	154	599	368	902	1 409	1 442	1 548	57	$19 094	$18 888	5 044	$21 146
SALES OCCUPATIONS	175 009	10 702	20 300	17 337	28 185	29 790	23 094	35 925	9 676	$16 485	$19 875	125 599	$19 832
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	37 281	1 219	2 530	3 638	7 006	7 534	5 652	7 864	1 838	$17 391	$20 954	30 918	$18 813
SELF-EMPLOYED	8 923	692	870	1 016	1 465	1 375	1 033	1 969	503	$16 216	$19 790	7 449	$17 184
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	37 605	1 142	3 047	3 148	5 731	5 806	5 241	9 727	3 763	$19 919	$24 682	28 997	$21 960
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	39 591	763	1 691	2 332	5 341	7 209	6 876	12 313	3 066	$21 465	$25 166	32 780	$22 724
SALES WORKERS, RETAIL AND PERSONAL SERVICES	60 108	7 547	12 958	8 186	10 052	9 186	5 271	5 911	997	$10 653	$12 730	32 606	$16 180
CASHIERS	8 995	1 567	2 912	1 430	1 003	1 358	476	211	38	$6 047	$8 627	3 129	$15 494
SALES RELATED OCCUPATIONS	424	31	74	33	55	55	54	110	12	$16 426	$17 369	298	$21 953

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

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

MICHIGAN

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
WHITE													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	125 224	5 944	13 038	11 068	18 867	29 823	24 226	21 437	821	$16 825	$16 989	91 994	$19 306
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	20 289	161	574	803	1 782	4 027	4 734	7 905	303	$22 535	$23 258	18 410	$23 287
COMPUTER EQUIPMENT OPERATORS	5 197	142	477	503	1 230	1 060	836	904	45	$15 863	$16 734	3 943	$17 949
SECRETARIES, STENOGRAPHERS, AND TYPISTS	1 990	187	307	292	321	277	197	347	62	$13 057	$16 175	1 277	$18 338
SECRETARIES	1 301	143	183	209	212	159	111	232	52	$12 224	$16 570	831	$18 115
RECEPTIONISTS	785	181	427	87	15	20	36	19	-	$3 344	$5 417	165	$9 963
FILE CLERKS	2 161	231	324	198	313	386	326	376	7	$15 133	$14 972	1 256	$20 224
FINANCIAL RECORDS PROCESSING OCCUPATIONS	7 738	400	872	917	1 188	1 591	1 389	1 305	76	$16 182	$16 533	5 687	$18 987
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	4 923	312	696	690	752	817	748	843	65	$15 050	$15 844	3 521	$18 619
TELEPHONE OPERATORS	583	27	141	110	146	46	76	37	-	$10 365	$11 452	342	$13 818
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	13 019	714	1 344	842	1 178	5 850	2 570	487	34	$16 346	$15 565	9 655	$17 370
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	28 507	1 349	3 318	3 380	5 941	7 111	4 971	2 415	22	$15 119	$14 579	19 403	$16 926
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	2 175	27	114	186	390	659	524	268	7	$17 258	$17 481	1 840	$18 446
BANK TELLERS	977	28	340	264	189	91	38	27	-	$7 759	$9 080	490	$11 341
DATA-ENTRY KEYERS	582	27	61	68	111	117	89	109	-	$15 755	$16 279	432	$17 943
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	41 221	2 470	4 739	3 418	6 063	8 588	8 440	7 238	265	$16 849	$16 752	29 094	$20 033
SERVICE OCCUPATIONS	180 675	35 053	42 652	22 318	28 702	20 909	17 310	13 290	441	$8 229	$10 329	86 234	$15 570
PRIVATE HOUSEHOLD OCCUPATIONS	534	244	114	76	50	40	7	3	-	$2 390	$4 824	141	$10 846
PROTECTIVE SERVICE OCCUPATIONS	42 570	1 964	4 499	3 268	4 923	7 996	10 686	9 178	56	$18 901	$17 627	32 191	$20 894
FIREFIGHTING OCCUPATIONS	5 321	46	51	131	274	1 013	2 045	1 749	12	$22 185	$22 317	4 857	$22 454
POLICE AND DETECTIVES, PUBLIC SERVICE	13 121	79	270	328	1 150	2 807	5 130	3 341	16	$21 278	$21 171	11 804	$21 489
GUARDS	16 788	1 736	3 967	2 484	2 392	2 084	2 016	2 089	20	$10 397	$12 342	9 098	$17 384
OTHER PROTECTIVE SERVICE OCCUPATIONS	7 340	103	211	325	1 107	2 092	1 495	1 999	8	$19 433	$19 982	6 432	$20 304
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	137 571	32 845	38 039	18 974	23 729	12 873	6 617	4 109	385	$5 678	$8 093	53 902	$12 848
FOOD PREPARATION AND SERVICE OCCUPATIONS	53 131	19 570	20 205	6 223	3 915	1 596	837	667	118	$2 978	$4 772	10 564	$9 911
WAITERS AND FOOD COUNTER WORKERS	4 182	1 243	1 797	645	274	126	60	33	4	$3 546	$4 900	670	$9 825
COOKS	21 721	7 157	9 121	2 709	1 647	566	300	205	16	$3 185	$4 653	4 314	$9 323
HEALTH SERVICE OCCUPATIONS	6 270	664	1 428	1 376	1 789	572	222	163	56	$9 049	$10 147	3 428	$12 598
NURSING AIDES, ORDERLIES, AND ATTENDANTS	4 981	419	1 099	1 153	1 588	439	141	93	49	$9 392	$10 254	2 793	$12 464
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	67 519	10 565	13 649	9 794	16 167	9 666	4 898	2 661	119	$9 904	$10 211	35 216	$13 556
PERSONAL SERVICE OCCUPATIONS	10 651	2 046	2 757	1 581	1 858	1 039	660	618	92	$7 408	$10 022	4 694	$13 418
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	4 622	221	781	788	1 206	711	436	400	79	$11 748	$13 901	3 094	$13 796
FARMING, FORESTRY, AND FISHING OCCUPATIONS	53 190	11 019	13 165	8 569	8 375	5 030	2 882	3 234	916	$7 038	$9 867	31 139	$10 677
FARM OPERATORS AND MANAGERS	26 116	5 007	5 076	3 729	4 274	2 712	1 890	2 595	833	$9 137	$12 130	20 631	$10 205
FARM OCCUPATIONS, EXCEPT MANAGERIAL	12 573	3 469	4 182	2 391	1 586	577	189	153	26	$4 366	$5 940	4 805	$8 777
RELATED AGRICULTURAL OCCUPATIONS	10 598	1 915	2 786	1 718	1 918	1 315	610	313	23	$7 323	$8 903	4 145	$14 298
FORESTRY AND FISHING OCCUPATIONS	3 903	628	1 121	731	597	426	193	173	34	$6 978	$10 001	1 558	$11 761
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	478 607	15 030	34 936	39 099	71 109	89 889	93 108	130 340	5 096	$19 218	$19 404	334 459	$21 376
MECHANICS AND REPAIRERS	152 804	5 323	11 331	13 678	25 418	31 482	31 658	33 315	599	$17 878	$17 904	111 823	$20 074
AUTOMOBILE MECHANICS, INCLUDING BODY	44 957	2 264	4 689	6 008	9 414	9 023	7 258	6 075	226	$15 039	$15 257	30 868	$16 831
AIRCRAFT MECHANICS	1 533	65	88	118	166	304	410	378	4	$20 201	$18 800	1 228	$21 205
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	5 238	228	449	567	1 096	1 264	687	919	28	$15 782	$16 462	3 502	$17 428
OTHER MECHANICS AND REPAIRERS	101 076	2 766	6 105	6 985	14 742	20 891	23 303	25 943	341	$19 692	$19 143	76 225	$20 870
CONSTRUCTION TRADES	148 274	6 207	14 638	16 761	25 060	25 771	25 125	32 779	1 933	$16 837	$17 729	80 115	$21 198
CARPENTERS	35 131	1 942	5 012	6 118	7 865	6 330	4 395	3 243	226	$12 601	$13 608	14 520	$16 555
ELECTRICIANS	24 567	414	974	1 353	2 909	4 308	5 548	8 921	140	$21 687	$21 507	17 538	$23 478
PAINTERS, CONSTRUCTION AND MAINTENANCE	9 991	1 138	2 042	1 571	1 788	1 388	1 096	896	72	$10 766	$12 258	3 853	$16 946
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	20 166	426	1 153	1 215	2 590	3 233	4 309	7 108	132	$21 340	$20 824	13 681	$22 908
OTHER CONSTRUCTION TRADES	58 419	2 287	5 457	6 504	9 908	10 512	9 777	12 611	1 363	$17 002	$18 485	30 523	$21 537
EXTRACTIVE OCCUPATIONS	3 083	139	286	237	407	641	701	630	42	$18 335	$18 331	2 048	$20 815
PRECISION PRODUCTION OCCUPATIONS	174 446	3 361	8 681	8 423	20 224	31 995	35 624	63 616	2 522	$21 662	$22 160	140 473	$22 960
SUPERVISORS, PRODUCTION OCCUPATIONS	74 916	763	2 106	2 001	6 338	12 808	14 861	34 052	1 987	$24 384	$25 484	65 806	$25 232
MANUFACTURING	61 265	532	1 449	1 278	4 636	9 833	11 659	30 242	1 636	$25 458	$26 238	54 003	$26 145
PRECISION METALWORKING OCCUPATIONS	65 899	1 269	3 405	3 313	8 204	12 213	14 452	22 805	238	$21 220	$20 743	49 993	$22 454
TOOL AND DIE MAKERS	33 069	366	1 267	1 046	3 197	5 155	7 889	14 000	149	$23 114	$22 492	26 469	$24 317
MACHINISTS	17 920	640	1 295	1 479	3 272	4 569	3 335	3 288	42	$16 991	$17 286	13 186	$18 586
SHEET METAL WORKERS	5 673	94	306	339	756	1 046	1 333	1 789	10	$20 814	$20 022	3 736	$22 560
OTHER PRECISION METAL WORKERS	9 237	169	537	449	979	1 443	1 895	3 728	37	$22 355	$21 634	6 602	$23 820
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	2 303	163	397	343	576	463	212	149	-	$12 058	$12 346	1 504	$13 810
PLANT AND SYSTEM OPERATORS	7 414	121	182	290	834	1 590	2 002	2 315	80	$21 294	$21 550	6 253	$21 944
OTHER PRECISION PRODUCTION OCCUPATIONS	23 914	1 045	2 591	2 476	4 272	4 921	4 097	4 295	217	$16 227	$16 782	16 917	$18 527

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

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MICHIGAN

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
WHITE													
OPERATORS, FABRICATORS, AND LABORERS	603 313	37 625	67 135	64 491	112 268	143 120	107 807	68 944	1 923	$15 482	$15 175	342 899	$18 119
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	331 386	12 275	24 199	31 878	64 188	90 995	67 479	39 687	685	$16 343	$16 317	204 181	$18 459
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	192 846	7 359	15 542	20 062	38 723	48 956	38 086	23 693	425	$16 095	$16 121	124 891	$18 196
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	69 584	2 032	4 396	6 249	12 657	18 445	15 444	10 234	127	$17 053	$17 141	45 654	$19 394
PRINTING MACHINE OPERATORS	9 825	459	817	1 135	1 965	2 603	1 703	1 132	11	$15 705	$15 657	7 225	$17 139
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	3 702	340	638	655	838	667	346	176	42	$11 389	$12 071	1 867	$14 444
TEXTILE MACHINE OPERATORS	745	31	81	116	167	223	91	36	-	$14 284	$13 537	454	$16 553
TEXTILE SEWING MACHINE OPERATORS	891	60	99	73	175	265	169	39	11	$15 458	$15 007	371	$16 971
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	1 708	200	390	381	405	157	67	77	31	$8 700	$10 344	844	$12 072
OTHER SPECIFIED MACHINE OPERATORS	49 583	2 281	4 920	6 038	10 870	11 333	8 477	5 523	141	$15 200	$15 229	31 497	$17 302
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	60 152	2 247	4 771	5 985	12 393	15 908	12 116	6 628	104	$16 055	$15 999	38 648	$18 064
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	17 656	515	1 245	1 621	3 549	4 835	3 926	1 938	27	$16 470	$16 507	11 771	$18 420
MACHINE OPERATORS, NOT SPECIFIED	42 496	1 732	3 526	4 364	8 844	11 073	8 190	4 690	77	$15 885	$15 789	26 877	$17 913
INDUSTRY:													
MANUFACTURING	55 500	1 928	4 107	5 304	11 350	14 907	11 602	6 225	77	$16 242	$16 183	35 939	$18 262
NONDURABLE GOODS	12 063	461	962	1 019	2 594	3 199	2 675	1 127	26	$16 125	$16 020	8 464	$17 910
FOOD AND KINDRED PRODUCTS	2 269	110	190	174	482	558	483	268	4	$16 184	$15 920	1 561	$17 876
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	276	1	51	42	79	64	27	12	-	$13 012	$13 323	152	$13 001
PAPER AND ALLIED PRODUCTS	3 970	56	158	242	712	1 320	1 097	379	6	$17 527	$17 501	3 150	$18 746
OTHER NONDURABLE GOODS	5 548	294	563	561	1 321	1 257	1 068	468	16	$15 091	$15 135	3 601	$17 327
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	43 437	1 467	3 145	4 285	8 756	11 708	8 927	5 098	51	$16 275	$16 229	27 475	$18 373
METAL INDUSTRIES	9 603	353	816	1 117	2 565	2 566	1 337	840	9	$14 881	$14 982	5 801	$16 658
MACHINERY, INCLUDING ELECTRICAL	11 315	481	1 100	1 439	2 261	2 935	1 962	1 111	26	$15 423	$15 168	7 162	$17 463
TRANSPORTATION EQUIPMENT	17 835	392	722	965	2 684	5 140	5 039	2 891	2	$18 696	$18 308	11 587	$20 522
OTHER DURABLE GOODS	4 684	241	507	764	1 246	1 067	589	256	14	$13 252	$13 430	2 925	$15 486
NONMANUFACTURING INDUSTRIES	4 652	319	664	681	1 043	1 001	514	403	27	$13 036	$13 805	2 709	$15 873
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	927	53	36	89	164	290	194	101	-	$16 542	$16 488	682	$17 834
WHOLESALE AND RETAIL TRADE	1 552	109	238	220	396	406	107	69	7	$12 576	$13 215	1 036	$15 079
ALL OTHER INDUSTRIES	2 173	157	390	372	483	305	213	233	20	$11 727	$13 083	991	$15 687
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	107 435	4 050	7 571	10 377	21 095	32 405	20 619	11 098	220	$16 154	$16 038	57 605	$18 242
WELDERS AND CUTTERS	34 016	1 106	2 416	3 407	6 808	8 504	6 168	5 485	122	$16 463	$16 846	20 182	$19 048
ASSEMBLERS	70 870	2 773	4 745	6 657	13 784	23 362	14 161	5 311	77	$16 088	$15 725	36 045	$17 951
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	2 549	171	410	313	503	539	290	302	21	$13 432	$13 932	1 378	$16 515
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	31 105	866	1 086	1 439	4 370	9 634	8 774	4 896	40	$18 682	$18 503	21 685	$20 304
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	152 237	6 055	13 499	14 546	28 268	33 591	30 294	24 944	1 040	$16 612	$16 878	92 598	$19 212
MOTOR VEHICLE OPERATORS	95 423	4 705	10 251	10 104	17 385	19 265	17 399	15 459	855	$16 034	$16 344	57 228	$18 957
TRUCK DRIVERS AND DRIVER-SALES WORKERS	86 036	3 804	8 168	8 557	15 981	17 910	16 138	14 648	830	$16 417	$16 809	52 920	$19 165
BUS DRIVERS	3 798	364	815	889	654	599	280	179	18	$9 279	$10 754	1 572	$15 104
RAIL AND WATER TRANSPORTATION OCCUPATIONS	7 838	121	273	390	666	1 626	2 180	2 542	40	$21 472	$21 367	5 321	$23 098
MATERIAL MOVING EQUIPMENT OPERATORS	48 976	1 229	2 975	4 052	10 217	12 700	10 715	6 943	145	$16 868	$17 199	30 049	$18 605
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	4 423	136	364	336	964	1 112	889	564	58	$16 396	$17 190	2 249	$17 599
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	119 690	19 295	29 437	18 067	19 812	18 534	10 034	4 313	198	$8 376	$9 847	46 120	$15 496
CONSTRUCTION LABORERS	19 775	1 686	3 867	3 928	4 572	3 180	1 599	889	54	$10 434	$11 184	5 885	$15 656
FREIGHT, STOCK, AND MATERIAL HANDLERS	41 029	8 095	11 391	5 380	5 518	6 420	3 065	1 111	49	$6 711	$8 977	15 578	$15 584
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	11 920	3 441	4 885	1 814	1 035	392	184	149	20	$3 599	$5 299	2 908	$9 540
HAND PACKERS AND PACKAGERS	5 765	657	1 103	807	1 085	1 183	698	221	11	$11 393	$11 633	2 848	$16 158
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	11 477	2 256	3 075	1 861	1 494	1 393	955	439	4	$6 753	$8 987	3 928	$15 316
LABORERS, EXCEPT CONSTRUCTION	29 724	3 160	5 116	4 277	6 108	5 966	3 533	1 504	60	$11 820	$11 966	14 973	$15 949
MANUFACTURING	15 608	1 023	2 144	2 159	3 412	3 405	2 368	1 060	37	$13 400	$13 449	8 517	$16 487
NONDURABLE GOODS	3 400	298	650	490	762	702	397	94	7	$11 602	$11 520	1 785	$15 676
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	12 208	725	1 494	1 669	2 650	2 703	1 971	966	30	$14 004	$13 986	6 732	$16 764
METAL INDUSTRIES	4 360	264	542	626	945	934	611	424	14	$13 819	$14 126	2 212	$16 629
NONMANUFACTURING INDUSTRIES	14 116	2 137	2 972	2 118	2 696	2 561	1 165	444	23	$9 647	$10 327	6 456	$15 419
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	3 076	183	407	429	643	916	335	149	14	$13 946	$13 453	1 625	$16 408
WHOLESALE AND RETAIL TRADE	6 935	934	1 585	1 070	1 338	1 147	646	215	-	$9 491	$10 291	3 494	$15 064
ALL OTHER INDUSTRIES	4 105	1 020	980	619	715	498	184	80	9	$6 281	$8 046	1 337	$14 418
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	1 438	145	556	602	80	35	9	11	-	$6 077	$6 126	568	$7 037

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

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

MICHIGAN

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
WHITE													
FEMALE EXPERIENCED CIVILIAN LABOR FORCE	1 407 914	218 513	372 609	321 246	275 618	142 298	54 189	21 521	1 920	$7 393	$8 346	601 187	$11 297
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	278 528	24 685	45 495	44 284	64 940	58 311	28 414	11 508	891	$11 903	$12 031	122 503	$14 721
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	90 214	5 826	14 166	17 733	25 271	14 354	7 193	5 257	414	$11 303	$12 085	60 213	$13 308
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	3 539	272	657	640	819	621	317	206	7	$11 281	$11 912	2 134	$14 816
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	4 367	409	591	554	859	566	662	715	11	$13 290	$14 475	2 060	$15 506
MANAGERS, MEDICINE AND HEALTH	1 575	87	116	184	412	362	239	160	15	$14 834	$15 335	1 236	$15 916
OTHER SPECIFIED MANAGERS	14 089	694	1 762	2 723	4 464	2 543	1 053	772	78	$11 908	$12 543	10 396	$13 297
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	35 561	1 945	6 130	7 989	10 008	5 097	2 299	1 866	227	$10 748	$11 819	23 445	$12 887
MANUFACTURING	3 565	86	327	441	1 011	720	414	506	60	$14 485	$16 510	2 801	$15 989
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	1 681	25	97	197	362	390	339	271	-	$16 596	$17 145	1 379	$18 068
WHOLESALE AND RETAIL TRADE	13 036	804	2 875	3 550	3 463	1 389	499	375	81	$9 199	$10 283	8 431	$11 381
ALL OTHER INDUSTRIES	17 279	1 030	2 831	3 801	5 172	2 598	1 047	714	86	$10 837	$11 493	10 834	$13 087
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	3 563	834	1 044	561	447	261	176	205	35	$5 467	$7 974	2 038	$6 833
CONSTRUCTION	27	12	2	11	-	-	2	-	-	$5 750	$4 305	5	$1,000-
MANUFACTURING	183	14	42	28	48	4	7	27	13	$10 882	$14 946	99	$12 684
WHOLESALE AND RETAIL TRADE	1 992	565	615	261	208	141	97	94	11	$4 540	$6 791	1 179	$5 536
ALL OTHER INDUSTRIES	1 361	243	385	261	191	116	70	84	11	$6 590	$8 841	755	$7 713
MANAGEMENT RELATED OCCUPATIONS	27 520	1 585	3 866	5 082	8 262	4 904	2 447	1 333	41	$11 771	$12 182	18 904	$13 710
ACCOUNTANTS AND AUDITORS	11 198	454	1 443	2 181	3 455	2 089	1 046	523	7	$12 101	$12 509	7 848	$13 867
BUYERS AND PURCHASING AGENTS	3 993	122	493	1 018	1 258	634	290	157	21	$11 236	$12 107	2 942	$12 430
PROFESSIONAL SPECIALTY OCCUPATIONS	188 314	18 859	31 329	26 551	39 669	43 957	21 221	6 251	477	$12 256	$12 005	62 290	$15 551
ENGINEERS, ARCHITECTS, AND SURVEYORS	2 472	87	215	272	456	554	491	391	6	$16 437	$16 261	1 751	$19 524
ARCHITECTS	199	8	38	13	52	37	36	15	-	$13 624	$14 069	115	$18 774
ENGINEERS	2 217	62	166	259	396	497	455	376	6	$16 816	$16 655	1 611	$19 778
ELECTRICAL AND ELECTRONIC ENGINEERS	372	10	7	40	68	70	85	92	-	$19 162	$17 966	288	$20 991
MECHANICAL ENGINEERS	593	-	41	66	98	128	144	116	-	$18 198	$18 022	416	$21 135
OTHER ENGINEERS	1 252	52	118	153	230	299	226	168	6	$15 877	$15 619	907	$18 115
SURVEYORS AND MAPPING SCIENTISTS	56	17	11	-	8	20	-	-	-	$8 000	$8 453	25	$11 625
MATHEMATICAL AND COMPUTER SCIENTISTS	2 576	47	160	236	489	662	582	400	-	$17 189	$17 167	1 969	$19 033
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	1 429	41	86	130	290	364	322	196	-	$16 809	$16 622	1 074	$18 738
NATURAL SCIENTISTS	1 637	105	291	196	461	301	163	108	12	$12 538	$13 218	964	$15 807
HEALTH DIAGNOSING OCCUPATIONS	1 944	81	196	296	302	374	137	324	234	$15 984	$22 944	1 017	$19 006
PHYSICIANS	1 476	32	98	210	244	300	104	285	203	$17 134	$25 512	816	$21 045
DENTISTS	201	9	39	40	25	22	16	22	28	$12 792	$18 822	76	$15 000
OTHER HEALTH DIAGNOSING PRACTITIONERS	267	40	59	46	33	52	17	17	3	$9 233	$11 855	125	$13 889
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	48 601	2 372	6 660	9 356	13 159	12 857	3 025	1 139	33	$12 248	$11 968	23 231	$15 711
REGISTERED NURSES	39 981	1 787	5 261	7 840	10 621	11 141	2 444	860	27	$12 378	$12 066	18 946	$15 867
PHARMACISTS	1 389	112	194	235	255	222	243	122	6	$12 741	$13 666	699	$19 931
THERAPISTS	5 133	303	810	917	1 610	1 120	256	117	-	$11 879	$11 359	2 324	$14 062
TEACHERS, LIBRARIANS, AND COUNSELORS	99 537	11 883	17 052	10 641	18 458	23 631	15 017	2 814	41	$12 779	$12 084	17 509	$15 443
TEACHERS, POSTSECONDARY	7 390	968	1 808	971	990	1 070	971	612	-	$9 756	$11 463	1 711	$17 521
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	61 061	5 788	8 980	6 125	11 879	16 769	9 976	1 525	19	$13 983	$12 838	9 559	$15 570
TEACHERS, SECONDARY	15 791	1 541	2 175	1 501	3 667	3 908	2 682	317	-	$13 569	$12 794	2 702	$15 546
SOCIAL SCIENTISTS AND URBAN PLANNERS	2 200	67	218	312	472	587	365	166	13	$15 165	$14 864	1 168	$16 923
SOCIAL AND RECREATION WORKERS	10 598	704	1 368	1 628	2 745	3 292	614	224	23	$12 928	$12 253	6 775	$15 147
RELIGIOUS WORKERS	1 726	314	721	342	226	82	17	24	-	$5 113	$6 223	626	$7 808
LAWYERS AND JUDGES	1 950	170	290	225	399	295	247	262	62	$13 489	$15 844	1 246	$18 010
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	15 073	3 029	4 158	3 047	2 502	1 322	563	399	53	$6 470	$8 061	6 034	$12 002
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	647 828	87 182	169 440	170 193	144 736	52 497	16 937	6 168	675	$7 642	$8 115	317 137	$11 004
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	43 525	3 182	8 313	10 312	13 953	5 727	1 560	468	10	$9 985	$9 864	22 409	$12 751
HEALTH TECHNOLOGISTS AND TECHNICIANS	30 386	1 981	5 768	7 816	10 388	3 662	642	124	5	$9 830	$9 560	14 955	$12 480
LICENSED PRACTICAL NURSES	15 944	1 168	3 471	4 411	5 886	864	122	17	5	$9 120	$8 605	7 170	$11 964
ENGINEERING AND SCIENCE TECHNICIANS	5 559	586	1 063	1 025	1 574	885	312	114	-	$10 304	$10 223	3 172	$13 148
ELECTRICAL AND ELECTRONIC TECHNICIANS	439	26	52	95	137	104	20	5	-	$12 078	$11 531	308	$13 499
DRAFTING AND SURVEYING TECHNICIANS	1 775	121	356	328	547	302	54	67	-	$10 571	$10 540	1 061	$12 638
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	7 580	615	1 482	1 471	1 991	1 180	606	230	5	$10 495	$10 820	4 282	$13 991
AIRPLANE PILOTS AND NAVIGATORS	9	4	-	-	5	-	-	-	-	$10 200	$6 005	-	-
COMPUTER PROGRAMMERS	2 713	92	294	366	776	655	398	132	-	$13 572	$13 763	1 912	$15 775
SALES OCCUPATIONS	170 010	39 578	62 664	34 250	19 980	8 622	2 615	1 954	347	$4 700	$6 158	54 961	$9 623
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	13 863	1 426	3 022	4 031	3 409	1 093	348	436	98	$8 465	$9 485	8 964	$10 384
SELF-EMPLOYED	2 828	805	656	482	418	108	91	197	71	$5 712	$9 624	1 832	$7 627
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	18 487	2 125	4 403	3 965	3 980	2 088	878	916	132	$8 844	$10 186	9 315	$12 099
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	5 380	737	1 062	1 054	1 316	665	326	187	33	$9 432	$10 158	2 838	$12 799
SALES WORKERS, RETAIL AND PERSONAL SERVICES	131 827	35 130	54 018	25 099	11 244	4 774	1 063	415	84	$3 949	$5 086	33 760	$8 617
CASHIERS	56 839	14 269	22 112	10 292	5 970	3 529	523	126	18	$4 218	$5 583	15 150	$9 619
SALES RELATED OCCUPATIONS	453	160	159	101	31	2	-	-	-	$3 236	$4 146	84	$8 815

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

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MICHIGAN

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
WHITE													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	434 293	44 422	98 463	125 631	110 803	38 148	12 762	3 746	318	$8 498	$8 706	239 767	$11 060
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	16 323	429	1 211	3 164	5 511	3 784	1 508	696	20	$12 890	$13 305	13 244	$13 853
COMPUTER EQUIPMENT OPERATORS	7 580	586	1 117	2 119	2 674	682	290	112	-	$9 949	$9 868	5 077	$11 482
SECRETARIES, STENOGRAPHERS, AND TYPISTS	160 906	14 782	33 202	47 630	45 686	13 540	4 583	1 342	141	$8 869	$8 931	91 583	$11 160
SECRETARIES	135 813	11 161	26 973	40 729	39 521	12 013	4 155	1 148	113	$9 049	$9 127	78 953	$11 223
RECEPTIONISTS	19 867	3 322	6 577	6 780	2 764	330	46	41	7	$6 021	$6 107	7 599	$9 131
FILE CLERKS	6 852	1 694	2 235	1 692	867	243	100	21	-	$4 626	$5 713	2 465	$9 428
FINANCIAL RECORDS PROCESSING OCCUPATIONS	64 261	4 874	13 854	19 426	18 707	5 069	1 647	601	83	$8 912	$9 001	38 139	$10 907
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	50 655	3 980	11 166	15 154	14 533	4 011	1 243	496	72	$8 833	$8 941	29 621	$10 931
TELEPHONE OPERATORS	8 107	919	1 807	2 316	2 461	491	103	10	-	$8 397	$8 144	4 322	$10 785
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	8 205	696	1 572	1 430	1 294	2 604	592	17	-	$11 412	$11 215	4 556	$15 628
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	10 175	943	1 867	3 070	2 572	1 255	396	72	-	$9 043	$9 350	6 060	$11 023
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	2 990	65	240	1 014	1 211	384	76	-	-	$10 570	$10 652	2 417	$11 290
BANK TELLERS	18 304	1 361	5 853	8 176	2 607	230	54	16	7	$6 905	$6 776	9 376	$8 717
DATA-ENTRY KEYERS	10 246	657	2 061	3 265	2 999	926	306	32	-	$9 100	$9 130	6 319	$11 128
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	100 477	14 094	26 867	25 549	21 450	8 610	3 061	786	60	$7 491	$8 065	48 610	$11 156
SERVICE OCCUPATIONS	271 777	82 202	109 138	51 523	21 450	4 801	1 586	897	180	$3 663	$4 652	68 532	$8 142
PRIVATE HOUSEHOLD OCCUPATIONS	12 081	7 719	3 601	497	129	62	37	30	6	$1 317	$2 125	1 478	$3 533
PROTECTIVE SERVICE OCCUPATIONS	5 629	1 355	1 609	886	756	445	406	170	2	$5 541	$7 829	2 093	$13 693
FIREFIGHTING OCCUPATIONS	25	-	3	-	7	8	-	7	-	$16 069	$17 097	17	$18 587
POLICE AND DETECTIVES, PUBLIC SERVICE	725	13	35	50	148	198	233	48	-	$17 433	$16 787	562	$18 684
GUARDS	4 271	1 287	1 498	767	391	105	124	99	-	$3 689	$5 655	1 097	$10 638
OTHER PROTECTIVE SERVICE OCCUPATIONS	608	55	73	69	210	134	49	16	2	$12 620	$12 044	417	$14 418
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	254 067	73 128	103 928	50 140	20 565	4 294	1 143	697	172	$3 783	$4 702	64 961	$8 126
FOOD PREPARATION AND SERVICE OCCUPATIONS	127 209	42 827	58 886	18 789	4 958	1 105	360	225	59	$3 116	$3 801	22 268	$7 001
WAITERS AND FOOD COUNTER WORKERS	67 234	23 737	32 656	8 253	1 973	378	133	75	29	$2 964	$3 485	9 719	$6 153
COOKS	25 656	6 691	12 217	5 012	1 343	234	92	60	7	$3 767	$4 398	6 057	$7 466
HEALTH SERVICE OCCUPATIONS	53 977	8 475	19 064	16 852	8 135	987	240	183	41	$5 891	$6 219	22 163	$8 839
NURSING AIDES, ORDERLIES, AND ATTENDANTS	35 253	6 088	13 321	9 777	5 088	639	184	128	28	$5 482	$6 008	14 188	$8 640
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	30 939	7 855	10 087	7 376	4 061	1 126	300	100	34	$4 845	$5 844	10 754	$9 217
PERSONAL SERVICE OCCUPATIONS	41 942	13 971	15 891	7 123	3 411	1 076	243	189	38	$3 483	$4 638	9 776	$7 923
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	16 666	2 782	6 432	4 138	2 326	718	141	116	13	$5 507	$6 265	5 610	$8 869
FARMING, FORESTRY, AND FISHING OCCUPATIONS	9 185	3 529	3 354	1 326	571	204	75	111	15	$2 897	$4 323	2 876	$6 311
FARM OPERATORS AND MANAGERS	2 690	1 063	847	319	214	86	58	92	11	$2 910	$5 279	1 440	$4 348
FARM OCCUPATIONS, EXCEPT MANAGERIAL	3 568	1 606	1 286	461	136	65	2	12	-	$2 395	$3 457	739	$6 687
RELATED AGRICULTURAL OCCUPATIONS	2 744	784	1 177	525	193	46	9	6	4	$3 531	$4 446	661	$7 961
FORESTRY AND FISHING OCCUPATIONS	183	76	44	21	28	7	6	1	-	$2 861	$5 331	36	$13 325
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	26 214	2 773	5 816	6 104	5 411	3 182	1 557	1 335	36	$8 977	$10 213	14 284	$12 293
MECHANICS AND REPAIRERS	3 770	285	461	755	804	788	441	234	2	$12 144	$12 682	2 394	$15 517
AUTOMOBILE MECHANICS, INCLUDING BODY	642	53	94	130	119	136	76	34	-	$11 492	$12 243	335	$15 772
AIRCRAFT MECHANICS	25	2	-	4	12	-	7	-	-	$11 083	$12 412	19	$11 583
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	51	-	12	9	20	-	5	5	-	$11 125	$11 744	39	$12 098
OTHER MECHANICS AND REPAIRERS	3 052	230	355	612	653	652	353	195	2	$12 329	$12 792	2 001	$15 540
CONSTRUCTION TRADES	2 503	406	603	489	457	284	161	96	7	$7 932	$9 230	997	$13 037
CARPENTERS	351	104	70	59	74	27	9	8	-	$6 091	$7 009	97	$11 270
ELECTRICIANS	417	21	55	101	51	63	74	52	-	$12 655	$13 988	267	$17 334
PAINTERS, CONSTRUCTION AND MAINTENANCE	641	191	185	135	84	35	5	6	-	$3 990	$5 661	137	$11 000
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	141	10	27	12	42	24	13	13	-	$12 742	$12 789	86	$14 176
OTHER CONSTRUCTION TRADES	953	80	266	182	206	135	60	17	7	$8 856	$9 839	410	$12 904
EXTRACTIVE OCCUPATIONS	66	-	7	20	9	24	6	-	-	$13 553	$12 911	39	$16 201
PRECISION PRODUCTION OCCUPATIONS	19 875	2 082	4 745	4 840	4 141	2 086	949	1 005	27	$8 571	$9 860	10 854	$11 708
SUPERVISORS, PRODUCTION OCCUPATIONS	6 841	308	792	1 427	1 827	1 098	584	786	19	$12 075	$13 530	4 943	$14 033
MANUFACTURING	4 081	151	304	668	1 023	786	437	693	19	$14 322	$15 637	3 191	$15 899
PRECISION METALWORKING OCCUPATIONS	1 856	159	313	454	423	259	172	76	-	$10 018	$10 874	1 083	$12 527
TOOL AND DIE MAKERS	409	23	15	67	90	62	100	52	-	$15 584	$15 587	328	$16 622
MACHINISTS	742	37	141	238	177	105	32	12	-	$9 159	$9 792	428	$11 424
SHEET METAL WORKERS	62	-	-	21	26	7	2	6	-	$11 429	$13 287	48	$10 429
OTHER PRECISION METAL WORKERS	643	99	157	128	130	85	38	6	-	$8 311	$8 894	279	$11 780
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	3 625	727	1 300	917	419	206	15	39	2	$5 391	$6 246	1 310	$8 625
PLANT AND SYSTEM OPERATORS	252	31	55	29	53	47	19	18	-	$11 000	$11 200	158	$15 326
OTHER PRECISION PRODUCTION OCCUPATIONS	7 301	857	2 285	2 013	1 419	476	159	86	6	$7 036	$7 912	3 360	$9 965

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MICHIGAN

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
WHITE													
OPERATORS, FABRICATORS, AND LABORERS	174 205	18 077	39 317	47 753	38 510	23 303	5 620	1 502	123	$8 473	$9 014	75 803	$11 295
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	127 952	10 901	24 215	35 782	31 210	19 837	4 768	1 163	76	$9 249	$9 676	61 152	$11 438
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	68 857	6 500	15 047	20 893	16 051	7 757	2 025	542	42	$8 474	$8 911	32 869	$10 724
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	14 003	856	2 572	4 056	3 841	1 881	642	153	2	$9 573	$9 923	7 039	$11 625
PRINTING MACHINE OPERATORS	3 697	454	965	985	911	276	71	35	-	$7 952	$8 111	1 825	$10 897
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	14 155	1 646	3 799	4 101	2 292	1 959	253	93	12	$7 326	$8 315	5 811	$9 383
TEXTILE MACHINE OPERATORS	500	61	112	207	88	32	-	-	-	$7 351	$7 434	265	$8 986
TEXTILE SEWING MACHINE OPERATORS	8 788	717	1 756	2 236	1 892	1 866	228	81	12	$9 342	$9 986	3 554	$12 145
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	3 343	710	1 253	1 060	243	55	12	10	-	$5 229	$5 305	1 349	$7 642
OTHER SPECIFIED MACHINE OPERATORS	14 751	1 686	3 297	5 099	3 128	1 128	340	61	12	$7 935	$8 173	6 990	$9 999
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	22 251	1 858	4 414	6 652	5 879	2 513	719	200	16	$8 951	$9 276	11 204	$11 042
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	5 700	517	1 153	1 642	1 595	549	160	84	-	$8 826	$9 161	2 883	$11 140
MACHINE OPERATORS, NOT SPECIFIED	16 551	1 341	3 261	5 010	4 284	1 964	559	116	16	$8 989	$9 316	8 321	$11 011
INDUSTRY:													
MANUFACTURING	20 524	1 512	3 949	6 211	5 538	2 431	678	189	16	$9 135	$9 470	10 495	$11 073
NONDURABLE GOODS	7 238	746	1 757	2 503	1 678	421	87	46	-	$7 848	$7 917	3 240	$10 060
FOOD AND KINDRED PRODUCTS	985	98	220	246	312	99	-	10	-	$9 014	$8 683	393	$12 057
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	574	20	120	259	143	21	9	2	-	$8 555	$8 379	305	$9 595
PAPER AND ALLIED PRODUCTS	761	64	131	208	246	95	12	5	-	$9 681	$9 505	461	$11 331
OTHER NONDURABLE GOODS	4 918	564	1 286	1 790	977	206	66	29	-	$7 301	$7 465	2 081	$9 562
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	13 286	766	2 192	3 708	3 860	2 010	591	143	16	$9 977	$10 316	7 255	$11 523
METAL INDUSTRIES	2 968	169	529	1 016	889	268	71	13	13	$9 211	$9 604	1 599	$10 381
MACHINERY, INCLUDING ELECTRICAL	2 898	190	641	791	862	304	86	24	-	$9 115	$9 284	1 602	$10 951
TRANSPORTATION EQUIPMENT	4 861	219	612	1 037	1 248	1 249	406	90	-	$11 794	$12 021	2 568	$15 032
OTHER DURABLE GOODS	2 559	188	410	864	861	189	28	16	3	$9 182	$9 073	1 486	$10 739
NONMANUFACTURING INDUSTRIES	1 727	346	465	441	341	82	41	11	-	$6 385	$6 974	709	$10 609
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	89	10	28	18	17	10	6	-	-	$6 867	$8 658	36	$14 142
WHOLESALE AND RETAIL TRADE	686	178	172	171	114	31	15	5	-	$5 865	$6 441	266	$10 113
ALL OTHER INDUSTRIES	952	158	265	252	210	41	20	6	-	$6 667	$7 201	407	$10 703
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	43 834	3 361	7 042	11 476	10 792	8 917	1 802	418	26	$10 015	$10 385	19 933	$12 261
WELDERS AND CUTTERS	2 645	187	360	685	727	529	113	44	-	$10 522	$10 871	1 224	$12 209
ASSEMBLERS	40 062	2 958	6 383	10 474	9 879	8 301	1 675	366	26	$10 097	$10 445	18 265	$12 354
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	1 127	216	299	317	186	87	14	8	-	$6 647	$7 147	444	$9 635
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	15 261	1 040	2 126	3 413	4 367	3 163	941	203	8	$11 047	$11 091	8 350	$12 825
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	16 666	1 797	6 842	4 640	1 850	865	417	239	16	$5 828	$7 025	3 437	$11 552
MOTOR VEHICLE OPERATORS	14 292	1 662	6 538	4 039	1 144	463	254	176	16	$5 387	$6 327	2 213	$10 707
TRUCK DRIVERS AND DRIVER-SALES WORKERS	3 069	490	880	694	462	278	173	85	7	$6 835	$8 597	1 074	$12 505
BUS DRIVERS	10 242	1 031	5 276	3 142	580	108	24	72	9	$5 195	$5 545	836	$9 465
RAIL AND WATER TRANSPORTATION OCCUPATIONS	90	12	4	27	19	10	18	-	-	$10 364	$11 531	50	$11 000
MATERIAL MOVING EQUIPMENT OPERATORS	2 284	123	300	574	687	392	145	63	-	$10 850	$11 216	1 174	$12 630
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	73	-	23	3	6	31	2	8	-	$15 360	$13 779	25	$16 108
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	29 587	5 379	8 260	7 331	5 450	2 601	435	100	31	$6 609	$7 270	11 214	$10 442
CONSTRUCTION LABORERS	505	124	139	159	63	14	6	-	-	$5 724	$6 128	111	$8 977
FREIGHT, STOCK, AND MATERIAL HANDLERS	8 208	1 758	2 662	1 814	1 143	651	155	20	5	$5 468	$6 610	2 770	$10 087
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	1 200	472	473	174	54	25	2	-	-	$3 136	$3 711	283	$7 011
HAND PACKERS AND PACKAGERS	12 330	1 746	3 121	3 297	2 814	1 157	122	47	26	$7 566	$7 907	5 075	$10 613
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	1 530	306	347	369	290	174	38	6	-	$7 211	$7 736	586	$11 327
LABORERS, EXCEPT CONSTRUCTION	5 814	973	1 518	1 518	1 086	580	112	27	-	$7 199	$7 563	2 389	$10 694
MANUFACTURING	3 643	371	821	1 092	801	431	100	27	-	$8 489	$8 710	1 663	$11 012
NONDURABLE GOODS	1 395	154	363	416	308	138	11	5	-	$8 243	$8 057	627	$10 798
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	2 248	217	458	676	493	293	89	22	-	$8 680	$9 114	1 036	$11 206
METAL INDUSTRIES	696	33	160	279	111	76	22	15	-	$8 368	$8 977	300	$9 461
NONMANUFACTURING INDUSTRIES	2 171	602	697	426	285	149	12	-	-	$4 238	$5 640	726	$10 194
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	238	59	44	61	48	20	6	-	-	$7 032	$7 000	104	$10 722
WHOLESALE AND RETAIL TRADE	1 184	291	337	261	200	95	-	-	-	$4 988	$6 270	450	$10 455
ALL OTHER INDUSTRIES	749	252	316	104	37	34	6	-	-	$3 114	$4 210	172	$8 483
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	177	65	49	63	-	-	-	-	-	$4 688	$3 760	52	$6 632

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

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

MICHIGAN

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
BLACK													
MALE EXPERIENCED CIVILIAN LABOR FORCE	214 467	19 704	26 115	23 307	35 915	47 703	33 525	26 743	1 455	$15 153	$14 955	109 265	$18 158
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	23 676	1 324	2 284	1 727	3 013	4 227	4 478	5 824	799	$18 886	$20 157	14 965	$21 131
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	11 498	560	1 014	892	1 448	2 075	2 065	3 191	253	$19 247	$19 874	8 247	$21 133
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	777	32	-	36	55	158	194	290	12	$22 323	$22 801	666	$23 316
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	967	10	55	43	43	93	198	525	-	$25 660	$24 323	489	$27 091
MANAGERS, MEDICINE AND HEALTH	177	18	-	27	38	11	30	33	20	$17 243	$23 719	134	$22 248
OTHER SPECIFIED MANAGERS	1 532	108	144	167	188	215	301	365	44	$18 415	$18 629	1 132	$21 048
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	3 913	154	444	396	525	740	583	963	108	$17 550	$19 420	2 871	$20 268
MANUFACTURING	667	-	26	25	36	92	129	321	38	$26 274	$28 532	545	$27 689
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	282	-	11	7	25	44	104	86	5	$21 992	$22 463	235	$22 353
WHOLESALE AND RETAIL TRADE	1 152	55	166	237	277	241	112	59	5	$11 844	$12 743	769	$14 431
ALL OTHER INDUSTRIES	1 812	99	241	127	187	363	238	497	60	$18 097	$19 837	1 322	$21 073
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	474	37	98	24	127	66	43	44	35	$11 950	$18 583	302	$14 372
CONSTRUCTION	84	15	27	-	21	5	-	7	9	$9 000	$13 550	44	$13 781
MANUFACTURING	30	6	11	-	13	-	-	-	-	$3 818	$6 078	13	$11 857
WHOLESALE AND RETAIL TRADE	205	12	50	14	40	44	9	27	9	$12 090	$16 967	127	$13 228
ALL OTHER INDUSTRIES	155	4	10	10	53	17	34	10	17	$15 113	$25 866	118	$18 222
MANAGEMENT RELATED OCCUPATIONS	3 658	201	273	199	472	792	716	971	34	$19 096	$19 065	2 653	$20 874
ACCOUNTANTS AND AUDITORS	1 105	50	59	90	154	242	249	246	15	$18 849	$19 063	780	$20 867
BUYERS AND PURCHASING AGENTS	251	6	49	21	22	38	57	58	-	$18 314	$16 992	171	$21 749
PROFESSIONAL SPECIALTY OCCUPATIONS	12 178	764	1 270	835	1 565	2 152	2 413	2 633	546	$18 551	$20 424	6 718	$21 128
ENGINEERS, ARCHITECTS, AND SURVEYORS	1 928	27	79	136	84	265	437	869	31	$24 050	$23 481	1 464	$25 201
ARCHITECTS	69	-	6	-	-	30	5	28	-	$19 608	$21 032	54	$19 182
ENGINEERS	1 853	27	73	136	84	235	426	841	31	$24 164	$23 571	1 404	$25 329
ELECTRICAL AND ELECTRONIC ENGINEERS	215	-	6	22	5	37	94	46	5	$21 320	$21 787	166	$22 140
MECHANICAL ENGINEERS	833	6	34	82	24	90	105	487	5	$26 266	$24 406	655	$26 748
OTHER ENGINEERS	805	21	33	32	55	108	227	308	21	$22 946	$23 183	583	$24 312
SURVEYORS AND MAPPING SCIENTISTS	6	-	-	-	-	-	6	-	-	$20 453	$24 005	6	$20 453
MATHEMATICAL AND COMPUTER SCIENTISTS	393	-	7	-	26	102	138	120	-	$21 652	$22 182	326	$21 654
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	211	-	-	-	16	43	81	71	-	$22 260	$22 263	189	$22 137
NATURAL SCIENTISTS	294	8	3	18	78	83	48	56	-	$16 879	$17 805	212	$19 051
HEALTH DIAGNOSING OCCUPATIONS	780	17	48	25	19	64	58	245	304	$37 628	$53 622	517	$40 971
PHYSICIANS	606	6	35	25	5	49	55	193	238	$37 226	$50 217	444	$38 972
DENTISTS	156	11	13	-	7	15	-	52	58	$40 000	$68 251	67	$48 611
OTHER HEALTH DIAGNOSING PRACTITIONERS	18	-	-	-	7	-	3	-	8	$23 020	$41 483	6	$42 500
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	601	17	90	55	118	150	79	92	-	$15 459	$15 691	367	$17 862
REGISTERED NURSES	199	10	27	19	12	46	39	46	-	$18 011	$17 651	115	$21 001
PHARMACISTS	102	-	18	17	23	11	11	22	-	$13 870	$15 541	62	$20 700
THERAPISTS	214	-	38	14	68	54	16	24	-	$13 849	$14 517	146	$15 600
TEACHERS, LIBRARIANS, AND COUNSELORS	3 903	285	413	191	448	790	1 118	640	18	$18 580	$16 982	1 198	$20 083
TEACHERS, POSTSECONDARY	553	16	94	47	34	110	89	163	-	$18 579	$18 022	222	$25 400
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	1 691	98	134	47	158	339	607	295	13	$20 326	$18 368	464	$20 317
TEACHERS, SECONDARY	809	45	57	39	109	196	275	88	-	$18 608	$16 824	170	$20 554
SOCIAL SCIENTISTS AND URBAN PLANNERS	219	6	12	-	21	35	50	81	14	$23 195	$25 627	181	$24 144
SOCIAL AND RECREATION WORKERS	1 391	165	193	91	292	303	218	129	-	$13 983	$13 340	900	$16 466
RELIGIOUS WORKERS	561	44	68	104	187	103	24	22	9	$11 675	$12 176	406	$12 197
LAWYERS AND JUDGES	594	6	44	22	38	87	68	203	126	$26 994	$32 915	458	$29 530
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	1 514	189	313	193	254	170	175	176	44	$11 305	$14 143	689	$17 992
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	26 192	2 407	3 903	2 993	4 521	5 562	3 699	2 938	169	$14 076	$14 235	15 648	$17 194
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	3 205	117	332	323	606	739	562	520	6	$16 132	$16 303	2 198	$18 759
HEALTH TECHNOLOGISTS AND TECHNICIANS	691	18	79	104	234	161	67	28	-	$13 033	$13 505	503	$14 688
LICENSED PRACTICAL NURSES	117	2	16	5	72	22	-	-	-	$11 821	$11 688	81	$12 707
ENGINEERING AND SCIENCE TECHNICIANS	1 831	74	179	184	252	453	377	306	6	$17 012	$16 638	1 189	$20 076
ELECTRICAL AND ELECTRONIC TECHNICIANS	225	9	44	17	23	41	37	54	-	$16 974	$16 578	145	$22 041
DRAFTING AND SURVEYING TECHNICIANS	678	20	35	85	157	173	93	115	-	$15 856	$15 976	474	$17 492
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	683	25	74	35	120	125	118	186	-	$18 148	$18 234	506	$21 275
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	333	-	30	18	64	80	50	91	-	$17 981	$18 667	255	$21 052
SALES OCCUPATIONS	7 856	998	1 526	1 076	1 447	1 074	838	748	149	$11 095	$13 298	4 423	$15 699
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 489	82	223	225	249	194	266	208	42	$14 267	$17 327	1 064	$17 851
SELF-EMPLOYED	352	12	44	76	41	22	77	60	20	$15 567	$19 515	286	$20 041
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	1 662	121	203	157	463	276	139	259	44	$13 444	$15 267	1 108	$15 318
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	972	33	77	97	193	249	145	150	28	$16 282	$17 977	704	$18 393
SALES WORKERS, RETAIL AND PERSONAL SERVICES	3 712	756	1 023	587	542	350	288	131	35	$6 546	$9 606	1 542	$13 134
CASHIERS	1 079	263	302	135	186	96	51	29	17	$5 292	$8 583	421	$12 407
SALES RELATED OCCUPATIONS	21	6	-	10	-	5	-	-	-	$6 900	$7 651	5	$15 439

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MICHIGAN

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
BLACK													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	15 131	1 292	2 045	1 594	2 468	3 749	2 299	1 670	14	$15 142	$14 283	9 027	$17 402
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	1 701	50	35	118	199	284	428	582	5	$21 494	$20 619	1 393	$22 204
COMPUTER EQUIPMENT OPERATORS	545	17	40	46	113	122	123	84	-	$16 862	$16 621	407	$17 841
SECRETARIES, STENOGRAPHERS, AND TYPISTS	305	56	63	44	61	45	14	22	-	$8 600	$10 373	148	$15 063
SECRETARIES	124	24	35	19	22	11	2	11	-	$6 500	$8 925	43	$13 945
RECEPTIONISTS	180	60	56	11	46	-	-	7	-	$2 714	$6 617	64	$11 750
FILE CLERKS	359	55	103	47	78	37	28	11	-	$8 786	$9 050	137	$11 542
FINANCIAL RECORDS PROCESSING OCCUPATIONS	574	13	46	124	100	129	94	68	-	$15 102	$14 977	348	$17 773
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	407	11	36	98	70	70	74	48	-	$14 027	$14 689	233	$19 011
TELEPHONE OPERATORS	188	31	49	22	28	33	25	-	-	$7 400	$9 440	86	$16 616
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	2 667	151	284	164	216	1 184	446	213	9	$16 456	$16 012	1 840	$17 469
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	2 898	174	465	296	495	801	398	269	-	$15 071	$14 098	1 482	$17 123
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	149	6	-	11	90	33	9	-	-	$12 850	$12 502	110	$12 686
BANK TELLERS	141	20	54	51	16	-	-	-	-	$5 611	$5 347	47	$8 789
DATA-ENTRY KEYERS	85	-	21	13	18	7	12	14	-	$12 655	$13 945	43	$17 118
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	5 339	659	829	647	1 008	1 074	722	400	-	$12 561	$12 484	2 922	$16 267
SERVICE OCCUPATIONS	30 975	6 491	6 489	4 295	4 991	3 939	2 934	1 731	105	$8 314	$10 174	13 628	$14 663
PRIVATE HOUSEHOLD OCCUPATIONS	181	39	107	27	-	8	-	-	-	$3 328	$3 845	51	$3 208
PROTECTIVE SERVICE OCCUPATIONS	7 154	667	973	815	910	1 044	1 563	1 127	55	$15 791	$15 960	4 219	$20 645
FIREFIGHTING OCCUPATIONS	500	-	18	20	53	69	196	144	-	$21 663	$20 541	352	$22 360
POLICE AND DETECTIVES, PUBLIC SERVICE	1 944	23	31	56	130	358	897	444	5	$21 368	$21 387	1 533	$21 911
GUARDS	3 939	621	875	704	611	462	351	277	38	$8 463	$10 693	1 732	$15 414
OTHER PROTECTIVE SERVICE OCCUPATIONS	771	23	49	35	116	155	119	262	12	$20 240	$26 217	602	$21 387
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	23 640	5 785	5 409	3 453	4 081	2 887	1 371	604	50	$6 742	$8 472	9 358	$12 709
FOOD PREPARATION AND SERVICE OCCUPATIONS	5 761	2 397	1 849	671	395	282	119	40	8	$2 772	$4 761	1 251	$9 953
WAITERS AND FOOD COUNTER WORKERS	589	226	224	72	25	19	11	12	-	$2 585	$4 622	87	$7 063
COOKS	2 492	1 088	710	312	195	129	58	-	-	$2 549	$4 608	639	$10 188
HEALTH SERVICE OCCUPATIONS	2 136	311	437	468	553	285	33	40	9	$9 003	$9 188	1 134	$12 317
NURSING AIDES, ORDERLIES, AND ATTENDANTS	1 738	250	308	380	497	243	20	31	9	$9 415	$9 487	971	$12 320
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	13 992	2 694	2 595	1 906	2 951	2 208	1 134	483	21	$9 608	$9 980	6 295	$13 642
PERSONAL SERVICE OCCUPATIONS	1 751	383	528	408	182	112	85	41	12	$5 638	$7 750	678	$9 800
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	380	56	121	80	50	37	18	18	-	$6 813	$9 032	204	$9 125
FARMING, FORESTRY, AND FISHING OCCUPATIONS	1 459	412	374	268	176	120	61	39	9	$4 830	$7 629	546	$12 208
FARM OPERATORS AND MANAGERS	152	37	46	35	19	-	-	15	-	$5 125	$7 447	53	$12 489
FARM OCCUPATIONS, EXCEPT MANAGERIAL	212	83	61	41	10	-	9	8	-	$3 605	$5 398	70	$4 750
RELATED AGRICULTURAL OCCUPATIONS	1 038	288	253	180	142	112	47	16	-	$4 929	$7 479	397	$12 970
FORESTRY AND FISHING OCCUPATIONS	57	4	14	12	5	8	5	-	9	$9 571	$19 143	26	$15 000
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	30 422	1 639	2 710	2 548	4 225	5 712	5 824	7 620	144	$18 233	$18 151	17 865	$21 472
MECHANICS AND REPAIRERS	11 384	485	791	900	1 662	2 526	2 733	2 251	36	$18 303	$17 829	7 018	$20 572
AUTOMOBILE MECHANICS, INCLUDING BODY	4 040	237	427	390	707	966	822	470	21	$15 974	$15 644	2 194	$17 610
AIRCRAFT MECHANICS	42	-	3	-	-	-	30	9	-	$21 976	$22 077	32	$22 594
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	249	8	25	22	78	33	47	36	-	$14 033	$15 561	153	$19 135
OTHER MECHANICS AND REPAIRERS	7 053	240	336	488	877	1 527	1 834	1 736	15	$20 103	$19 136	4 639	$21 382
CONSTRUCTION TRADES	8 106	707	1 105	936	1 279	1 407	1 042	1 579	51	$15 065	$15 532	3 620	$20 699
CARPENTERS	1 098	150	243	133	237	182	83	70	-	$10 582	$10 892	310	$16 559
ELECTRICIANS	1 599	72	73	80	184	279	312	599	-	$21 439	$20 757	985	$24 282
PAINTERS, CONSTRUCTION AND MAINTENANCE	1 165	232	225	235	174	135	98	66	-	$7 859	$9 687	379	$15 574
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	1 247	54	96	62	163	213	197	462	-	$20 708	$19 931	684	$24 174
OTHER CONSTRUCTION TRADES	2 997	199	468	426	521	598	352	382	51	$13 662	$14 885	1 262	$18 722
EXTRACTIVE OCCUPATIONS	37	7	5	-	-	12	-	13	-	$17 125	$15 598	6	$25 462
PRECISION PRODUCTION OCCUPATIONS	10 895	440	809	712	1 284	1 767	2 049	3 777	57	$20 818	$20 443	7 221	$23 334
SUPERVISORS, PRODUCTION OCCUPATIONS	5 467	117	216	161	414	737	996	2 779	47	$25 296	$24 606	4 132	$26 160
MANUFACTURING	4 642	86	186	114	267	603	805	2 544	37	$26 009	$25 403	3 480	$26 990
PRECISION METALWORKING OCCUPATIONS	2 472	108	166	177	246	440	705	630	-	$20 463	$19 032	1 510	$22 292
TOOL AND DIE MAKERS	1 292	18	75	54	100	196	467	382	-	$21 587	$20 929	790	$23 230
MACHINISTS	674	48	41	69	88	163	140	125	-	$17 314	$16 670	388	$20 646
SHEET METAL WORKERS	225	15	27	7	37	47	48	44	-	$17 383	$17 815	134	$21 785
OTHER PRECISION METAL WORKERS	281	27	23	47	21	34	50	79	-	$18 006	$16 947	198	$21 703
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	297	29	78	41	77	32	14	26	-	$10 018	$10 033	139	$11 196
PLANT AND SYSTEM OPERATORS	703	20	29	58	76	228	117	169	6	$18 234	$19 241	497	$19 662
OTHER PRECISION PRODUCTION OCCUPATIONS	1 956	166	320	275	471	330	217	173	4	$12 178	$12 604	943	$15 773

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

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

MICHIGAN

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
BLACK													
OPERATORS, FABRICATORS, AND LABORERS	101 343	7 386	10 127	11 407	18 959	28 131	16 519	8 585	229	$15 313	$14 569	46 516	$17 601
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	66 312	3 627	5 345	7 127	13 060	20 083	11 401	5 556	113	$15 645	$15 124	30 065	$17 734
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	29 230	1 682	2 447	2 989	5 299	8 519	5 432	2 847	15	$15 880	$15 290	14 591	$17 851
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	10 289	501	748	745	1 806	3 174	2 223	1 092	-	$16 568	$16 090	5 216	$18 725
PRINTING MACHINE OPERATORS	523	17	81	119	117	115	30	37	7	$11 589	$12 802	312	$12 659
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	844	140	212	207	162	109	9	5	-	$7 628	$7 775	367	$10 082
TEXTILE MACHINE OPERATORS	67	-	19	21	-	27	-	-	-	$7 706	$11 016	32	$12 500
TEXTILE SEWING MACHINE OPERATORS	95	-	31	17	19	19	9	-	-	$9 941	$10 266	45	$12 754
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	500	104	111	135	105	40	-	5	-	$7 628	$7 088	226	$9 971
OTHER SPECIFIED MACHINE OPERATORS	7 923	496	679	871	1 396	2 365	1 307	809	-	$15 726	$15 126	3 821	$17 458
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	9 651	528	727	1 047	1 818	2 756	1 863	904	8	$15 878	$15 363	4 875	$18 081
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	2 465	146	163	237	508	707	517	187	-	$15 863	$15 316	1 299	$18 136
MACHINE OPERATORS, NOT SPECIFIED	7 186	382	564	810	1 310	2 049	1 346	717	8	$15 884	$15 380	3 576	$18 056
INDUSTRY:													
MANUFACTURING	9 076	432	633	1 006	1 733	2 622	1 769	873	8	$15 971	$15 561	4 630	$18 056
NONDURABLE GOODS	1 315	95	134	235	340	302	157	52	-	$12 604	$12 544	635	$15 712
FOOD AND KINDRED PRODUCTS	476	39	47	79	141	97	36	37	-	$12 736	$12 575	255	$15 365
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	47	-	-	14	20	5	8	-	-	$11 357	$12 813	36	$10 571
PAPER AND ALLIED PRODUCTS	198	21	5	29	58	59	22	4	-	$13 652	$13 157	110	$15 000
OTHER NONDURABLE GOODS	594	35	82	113	121	141	91	11	-	$11 971	$12 293	234	$17 095
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	7 761	337	499	771	1 393	2 320	1 612	821	8	$16 381	$16 072	3 995	$18 537
METAL INDUSTRIES	1 625	68	73	240	423	392	261	168	-	$15 069	$15 328	906	$16 336
MACHINERY, INCLUDING ELECTRICAL	633	41	71	83	113	169	111	45	-	$15 157	$14 106	297	$17 782
TRANSPORTATION EQUIPMENT	4 793	181	327	319	741	1 553	1 115	549	8	$17 083	$16 782	2 395	$20 002
OTHER DURABLE GOODS	710	47	28	129	116	206	125	59	-	$15 550	$14 736	397	$16 451
NONMANUFACTURING INDUSTRIES	575	96	94	41	85	134	94	31	-	$12 754	$12 243	245	$18 560
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	131	-	7	-	41	43	28	12	-	$16 467	$16 571	95	$17 075
WHOLESALE AND RETAIL TRADE	212	29	43	10	18	55	45	12	-	$15 356	$12 876	102	$20 321
ALL OTHER INDUSTRIES	232	67	44	31	26	36	21	7	-	$6 526	$9 219	48	$16 793
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	31 182	1 710	2 618	3 834	6 756	9 643	4 605	1 927	89	$15 204	$14 533	12 481	$17 332
WELDERS AND CUTTERS	7 004	414	600	898	1 387	2 157	936	559	53	$15 281	$15 040	2 900	$17 588
ASSEMBLERS	23 884	1 278	1 959	2 872	5 319	7 424	3 644	1 352	36	$15 202	$14 422	9 389	$17 297
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	294	18	59	64	50	62	25	16	-	$10 522	$11 466	192	$15 102
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	5 900	235	280	304	1 005	1 921	1 364	782	9	$17 357	$17 429	2 993	$19 259
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	18 937	1 168	1 883	2 096	3 246	4 898	3 378	2 177	91	$15 762	$15 405	10 289	$17 891
MOTOR VEHICLE OPERATORS	11 111	684	1 387	1 412	1 775	2 471	1 985	1 312	85	$15 416	$15 080	5 862	$17 914
TRUCK DRIVERS AND DRIVER-SALES WORKERS	7 402	417	649	806	1 293	1 775	1 442	971	49	$16 115	$15 888	4 082	$18 241
BUS DRIVERS	1 647	57	178	222	259	406	298	207	20	$15 953	$15 930	936	$19 376
RAIL AND WATER TRANSPORTATION OCCUPATIONS	324	21	17	45	93	47	59	42	-	$14 137	$15 356	113	$19 094
MATERIAL MOVING EQUIPMENT OPERATORS	7 502	463	479	639	1 378	2 380	1 334	823	6	$16 156	$15 888	4 314	$17 845
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	112	9	-	16	6	43	19	19	-	$17 259	$17 460	65	$16 314
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	16 094	2 591	2 899	2 184	2 653	3 150	1 740	852	25	$10 727	$11 298	6 162	$16 501
CONSTRUCTION LABORERS	2 670	310	430	443	617	472	260	138	-	$11 241	$11 397	679	$16 637
FREIGHT, STOCK, AND MATERIAL HANDLERS	4 413	922	952	440	558	867	459	208	7	$8 936	$10 332	1 675	$16 749
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	830	255	229	216	54	37	33	6	-	$5 000	$5 824	217	$8 467
HAND PACKERS AND PACKAGERS	1 021	162	198	183	127	218	99	34	-	$9 435	$10 579	375	$16 070
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	1 780	354	334	212	289	283	159	143	6	$9 806	$11 666	695	$16 232
LABORERS, EXCEPT CONSTRUCTION	5 380	588	756	690	1 008	1 273	730	323	12	$13 007	$12 902	2 521	$16 736
MANUFACTURING	3 649	264	422	411	681	950	607	302	12	$15 154	$14 511	1 800	$17 886
NONDURABLE GOODS	445	49	121	55	83	81	23	33	-	$9 762	$10 594	182	$16 485
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	3 204	215	301	356	598	869	584	269	12	$15 499	$15 055	1 618	$18 140
METAL INDUSTRIES	992	96	129	131	175	194	174	81	12	$13 803	$14 227	500	$17 810
NONMANUFACTURING INDUSTRIES	1 731	324	334	279	327	323	123	21	-	$8 971	$9 509	721	$15 085
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	494	60	79	71	92	145	47	-	-	$12 338	$11 120	250	$15 307
WHOLESALE AND RETAIL TRADE	632	83	134	109	136	107	51	12	-	$9 714	$10 178	279	$15 228
ALL OTHER INDUSTRIES	605	181	121	99	99	71	25	9	-	$6 015	$7 495	192	$13 861
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	400	45	228	69	30	12	10	6	-	$4 800	$5 960	97	$5 817

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

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MICHIGAN

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
BLACK													
FEMALE EXPERIENCED CIVILIAN LABOR FORCE	193 840	26 189	38 106	40 156	42 462	30 727	12 028	3 963	209	$9 268	$9 890	86 029	$12 521
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	31 613	1 826	3 390	3 522	7 083	8 571	5 362	1 789	70	$14 988	$14 273	14 491	$15 799
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	9 689	485	1 114	1 182	2 521	2 204	1 334	835	14	$13 993	$14 107	6 200	$15 559
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	660	14	53	35	169	201	122	66	-	$16 009	$15 790	537	$16 920
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	860	66	110	75	123	75	196	215	-	$18 507	$16 832	287	$16 725
MANAGERS, MEDICINE AND HEALTH	260	6	14	22	64	51	68	35	-	$16 932	$16 670	182	$20 041
OTHER SPECIFIED MANAGERS	1 163	35	168	209	322	242	107	80	-	$12 939	$13 203	813	$14 054
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	2 632	204	416	371	655	488	283	210	5	$12 321	$12 794	1 490	$15 300
MANUFACTURING	126	-	27	12	12	30	29	16	-	$16 548	$15 158	77	$17 636
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	190	-	19	6	32	40	34	59	-	$19 661	$19 214	139	$20 480
WHOLESALE AND RETAIL TRADE	590	72	137	146	163	62	-	10	-	$8 824	$8 498	250	$10 813
ALL OTHER INDUSTRIES	1 726	132	233	207	448	356	220	125	5	$13 033	$13 383	1 024	$15 547
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	143	20	34	32	-	22	14	12	9	$7 944	$13 161	57	$8 429
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING	3	3	-	-	-	-	-	-	-	$1,000-	$-3 005	3	$1,000-
WHOLESALE AND RETAIL TRADE	81	17	17	17	-	18	6	6	-	$7 300	$10 612	25	$6 700
ALL OTHER INDUSTRIES	59	-	17	15	-	4	8	6	9	$9 286	$17 483	29	$21 148
MANAGEMENT RELATED OCCUPATIONS	3 971	140	319	438	1 188	1 125	544	217	-	$14 516	$14 238	2 834	$15 613
ACCOUNTANTS AND AUDITORS	1 587	57	127	160	564	423	199	57	-	$13 894	$14 017	1 142	$15 195
BUYERS AND PURCHASING AGENTS	262	2	40	29	73	54	40	24	-	$13 974	$13 975	169	$14 188
PROFESSIONAL SPECIALTY OCCUPATIONS	21 924	1 341	2 276	2 340	4 562	6 367	4 028	954	56	$15 211	$14 347	8 291	$15 936
ENGINEERS, ARCHITECTS, AND SURVEYORS	347	-	18	24	43	110	92	60	-	$18 650	$18 293	273	$20 086
ARCHITECTS	4	-	-	-	-	4	-	-	-	$15 439	$15 005	-	-
ENGINEERS	337	-	18	18	43	106	92	60	-	$18 910	$18 498	267	$20 191
ELECTRICAL AND ELECTRONIC ENGINEERS	79	-	-	-	15	38	17	9	-	$17 499	$18 036	72	$18 026
MECHANICAL ENGINEERS	94	-	11	4	14	22	30	13	-	$18 799	$17 862	71	$20 728
OTHER ENGINEERS	164	-	7	14	14	46	45	38	-	$20 069	$19 085	124	$20 704
SURVEYORS AND MAPPING SCIENTISTS	6	-	-	6	-	-	-	-	-	$9 000	$9 005	6	$9 000
MATHEMATICAL AND COMPUTER SCIENTISTS	262	-	7	31	50	68	66	40	-	$17 687	$18 066	231	$18 109
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	168	-	-	15	34	35	50	34	-	$20 000	$19 905	151	$19 704
NATURAL SCIENTISTS	143	13	7	19	20	62	17	5	-	$15 528	$13 858	93	$16 714
HEALTH DIAGNOSING OCCUPATIONS	236	8	12	42	28	44	35	34	33	$17 794	$24 146	126	$18 537
PHYSICIANS	210	8	8	34	28	44	29	26	33	$17 644	$24 956	118	$19 230
DENTISTS	22	-	-	8	-	-	6	8	-	$22 019	$19 809	8	$7 000
OTHER HEALTH DIAGNOSING PRACTITIONERS	4	-	4	-	-	-	-	-	-	$5 500	$5 505	-	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	4 116	184	342	563	941	1 376	555	155	-	$15 054	$14 054	2 528	$16 109
REGISTERED NURSES	3 134	129	224	327	660	1 160	491	143	-	$15 572	$14 925	1 996	$16 585
PHARMACISTS	124	5	9	68	27	-	15	-	-	$8 750	$9 325	48	$12 680
THERAPISTS	468	29	72	70	131	149	5	12	-	$12 320	$11 687	237	$13 339
TEACHERS, LIBRARIANS, AND COUNSELORS	11 759	705	1 428	991	2 009	3 323	2 811	490	2	$15 760	$14 681	1 915	$16 224
TEACHERS, POSTSECONDARY	513	64	99	29	57	84	101	77	2	$15 328	$15 048	138	$21 229
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	7 865	347	898	703	1 398	2 417	1 897	205	-	$15 805	$14 770	900	$16 081
TEACHERS, SECONDARY	1 602	77	164	92	281	454	438	96	-	$16 546	$15 807	282	$16 092
SOCIAL SCIENTISTS AND URBAN PLANNERS	234	13	34	20	59	66	26	16	-	$14 312	$13 050	103	$16 384
SOCIAL AND RECREATION WORKERS	3 608	219	200	476	1 157	1 178	319	59	-	$13 836	$13 287	2 453	$15 166
RELIGIOUS WORKERS	72	25	11	18	13	5	-	-	-	$6 000	$5 571	12	$11 714
LAWYERS AND JUDGES	250	18	50	16	47	26	24	55	14	$14 442	$17 175	122	$24 651
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	897	156	167	140	195	109	83	40	7	$9 603	$10 721	435	$15 185
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	75 237	10 251	14 604	16 606	19 335	10 616	3 022	726	77	$9 133	$9 359	37 288	$12 397
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	6 321	385	650	1 121	2 554	1 184	348	66	13	$11 991	$11 616	3 586	$13 488
HEALTH TECHNOLOGISTS AND TECHNICIANS	4 966	179	447	981	2 196	895	213	42	13	$11 980	$11 729	2 836	$13 229
LICENSED PRACTICAL NURSES	2 853	110	252	565	1 344	436	110	30	6	$12 115	$11 650	1 580	$13 256
ENGINEERING AND SCIENCE TECHNICIANS	665	127	112	87	142	145	40	12	-	$10 333	$10 270	315	$14 927
ELECTRICAL AND ELECTRONIC TECHNICIANS	120	9	37	14	35	21	4	-	-	$10 000	$9 370	61	$13 489
DRAFTING AND SURVEYING TECHNICIANS	170	39	30	47	18	18	18	-	-	$8 278	$8 741	86	$13 069
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	690	79	91	53	216	144	95	12	-	$12 667	$12 101	435	$15 076
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	269	33	15	35	59	76	45	6	-	$14 505	$13 244	188	$16 378
SALES OCCUPATIONS	12 999	3 563	4 326	2 442	1 452	787	294	103	32	$4 544	$6 170	3 803	$9 667
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	688	55	144	171	182	49	68	12	7	$9 422	$10 512	377	$11 047
SELF-EMPLOYED	133	15	30	19	45	8	10	6	-	$10 217	$9 512	74	$11 529
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	1 027	80	242	167	269	166	87	10	6	$10 389	$10 869	596	$12 789
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	339	46	56	70	43	88	5	31	-	$9 875	$11 536	165	$14 907
SALES WORKERS, RETAIL AND PERSONAL SERVICES	10 939	3 376	3 884	2 034	958	484	134	50	19	$3 944	$5 292	2 665	$8 774
CASHIERS	6 009	1 994	2 071	983	495	344	75	39	8	$3 737	$5 324	1 335	$8 843
SALES RELATED OCCUPATIONS	6	6	-	-	-	-	-	-	-	$1 500	$1 575	-	-

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MICHIGAN	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
BLACK													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	55 917	6 303	9 628	13 043	15 329	8 645	2 380	557	32	$9 715	$9 846	29 899	$12 469
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	2 415	72	115	189	749	777	382	131	-	$15 312	$15 213	1 845	$16 002
COMPUTER EQUIPMENT OPERATORS	1 356	52	105	299	513	218	143	26	-	$11 991	$12 065	979	$12 729
SECRETARIES, STENOGRAPHERS, AND TYPISTS	15 068	1 768	2 238	3 792	4 834	1 920	372	139	5	$9 757	$9 498	8 155	$12 077
SECRETARIES	9 782	1 073	1 332	2 512	3 202	1 281	312	70	-	$9 964	$9 691	5 277	$12 178
RECEPTIONISTS	2 145	440	534	614	458	87	4	8	-	$6 593	$6 650	861	$10 059
FILE CLERKS	1 666	527	507	344	190	75	13	6	4	$4 130	$5 641	418	$9 075
FINANCIAL RECORDS PROCESSING OCCUPATIONS	4 416	323	561	1 326	1 298	638	234	32	4	$9 995	$10 382	2 816	$12 088
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	2 629	193	330	795	811	324	157	19	-	$9 984	$10 238	1 608	$12 220
TELEPHONE OPERATORS	1 755	198	316	381	660	161	16	23	-	$9 850	$9 142	933	$12 080
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	3 227	243	323	340	487	1 399	401	34	-	$15 389	$13 636	2 030	$16 317
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	1 534	89	217	313	462	309	133	11	-	$11 321	$11 426	940	$12 857
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	688	16	26	161	354	108	23	-	-	$11 602	$11 595	540	$12 232
BANK TELLERS	1 801	140	554	665	362	67	8	5	-	$7 291	$7 262	761	$9 907
DATA-ENTRY KEYERS	2 210	132	386	496	796	341	53	6	-	$10 447	$9 922	1 261	$11 880
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	17 636	2 303	3 746	4 123	4 166	2 545	598	136	19	$8 658	$9 314	8 360	$12 388
SERVICE OCCUPATIONS	45 675	10 157	14 152	11 707	6 306	2 157	789	374	33	$5 576	$6 436	17 183	$9 114
PRIVATE HOUSEHOLD OCCUPATIONS	3 304	1 299	1 629	254	91	16	9	6	-	$2 619	$3 171	636	$5 029
PROTECTIVE SERVICE OCCUPATIONS	1 656	209	315	206	226	270	337	93	-	$11 867	$12 080	893	$17 705
FIREFIGHTING OCCUPATIONS	20	-	-	6	7	-	-	7	-	$13 373	$15 676	20	$13 373
POLICE AND DETECTIVES, PUBLIC SERVICE	596	26	36	33	60	131	274	36	-	$20 082	$17 127	402	$20 728
GUARDS	884	176	247	162	122	83	44	50	-	$6 585	$8 479	386	$12 226
OTHER PROTECTIVE SERVICE OCCUPATIONS	156	7	32	5	37	56	19	-	-	$14 498	$12 748	85	$16 303
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	40 715	8 649	12 208	11 247	5 989	1 871	443	275	33	$5 840	$6 471	15 654	$9 074
FOOD PREPARATION AND SERVICE OCCUPATIONS	9 984	3 256	3 220	2 111	1 005	244	92	44	12	$3 960	$5 071	2 611	$8 439
WAITERS AND FOOD COUNTER WORKERS	2 777	1 257	958	392	147	17	-	-	6	$2 420	$3 548	527	$6 405
COOKS	3 253	685	1 028	937	444	102	43	14	-	$5 624	$6 018	1 081	$8 668
HEALTH SERVICE OCCUPATIONS	14 425	1 813	3 833	4 833	3 063	655	133	91	4	$7 302	$7 438	7 322	$9 291
NURSING AIDES, ORDERLIES, AND ATTENDANTS	11 413	1 469	2 926	3 856	2 432	522	113	91	4	$7 382	$7 494	5 871	$9 245
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	9 802	1 517	2 907	2 906	1 509	735	139	82	7	$6 629	$7 348	4 267	$9 271
PERSONAL SERVICE OCCUPATIONS	6 504	2 063	2 248	1 397	412	237	79	58	10	$4 163	$5 154	1 454	$8 108
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	1 140	201	442	249	118	66	24	40	-	$5 538	$6 921	327	$9 022
FARMING, FORESTRY, AND FISHING OCCUPATIONS	253	143	42	43	16	5	-	4	-	$1 716	$4 188	58	$8 952
FARM OPERATORS AND MANAGERS	15	13	-	2	-	-	-	-	-	$1 500	$2 020	11	$1 389
FARM OCCUPATIONS, EXCEPT MANAGERIAL	66	31	12	12	7	-	-	4	-	$2 167	$5 762	15	$9 222
RELATED AGRICULTURAL OCCUPATIONS	167	99	30	29	9	-	-	-	-	$1 603	$3 309	27	$9 250
FORESTRY AND FISHING OCCUPATIONS	5	-	-	-	-	5	-	-	-	$15 439	$19 245	5	$15 439
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	3 935	381	662	668	912	533	454	319	6	$11 236	$12 070	1 990	$14 076
MECHANICS AND REPAIRERS	756	64	111	103	218	132	75	53	-	$12 475	$12 469	373	$14 023
AUTOMOBILE MECHANICS, INCLUDING BODY	162	30	27	13	57	6	18	11	-	$10 917	$11 291	58	$12 000
AIRCRAFT MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER MECHANICS AND REPAIRERS	594	34	84	90	161	126	57	42	-	$12 924	$12 791	315	$14 819
CONSTRUCTION TRADES	332	63	28	26	97	65	47	6	-	$11 508	$11 758	198	$13 295
CARPENTERS	71	33	4	-	27	-	7	-	-	$2 625	$7 067	47	$10 647
ELECTRICIANS	60	5	-	-	34	16	5	-	-	$12 417	$13 400	50	$12 400
PAINTERS, CONSTRUCTION AND MAINTENANCE	73	10	8	15	20	7	13	-	-	$10 350	$10 736	18	$10 364
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	7	-	7	-	-	-	-	-	-	$5 500	$5 535	7	$5 500
OTHER CONSTRUCTION TRADES	121	15	9	11	16	42	22	6	-	$15 703	$14 674	76	$17 822
EXTRACTIVE OCCUPATIONS	13	-	-	6	-	-	7	-	-	$20 053	$13 543	13	$20 053
PRECISION PRODUCTION OCCUPATIONS	2 834	254	523	533	597	336	325	260	6	$10 762	$11 994	1 406	$14 224
SUPERVISORS, PRODUCTION OCCUPATIONS	1 099	34	85	145	231	116	240	248	-	$17 041	$16 699	752	$20 345
MANUFACTURING	726	26	31	75	109	75	204	206	-	$20 805	$18 546	530	$21 417
PRECISION METALWORKING OCCUPATIONS	327	27	51	55	81	51	56	-	6	$11 743	$12 504	160	$11 543
TOOL AND DIE MAKERS	66	-	6	12	-	11	37	-	-	$20 081	$17 655	11	$2 917
MACHINISTS	180	27	45	31	38	27	6	-	6	$8 267	$10 254	91	$11 125
SHEET METAL WORKERS	5	-	-	-	-	5	-	-	-	$15 439	$17 005	5	$15 439
OTHER PRECISION METAL WORKERS	76	-	-	12	43	8	13	-	-	$11 926	$13 062	53	$11 519
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	581	90	197	128	117	38	11	-	-	$6 101	$7 024	196	$10 368
PLANT AND SYSTEM OPERATORS	58	9	8	3	7	17	8	6	-	$15 366	$13 497	39	$17 740
OTHER PRECISION PRODUCTION OCCUPATIONS	769	94	182	202	161	114	10	6	-	$7 991	$8 694	259	$12 017

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

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

MICHIGAN

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
BLACK													
OPERATORS, FABRICATORS, AND LABORERS	37 065	3 401	5 234	7 605	8 810	8 840	2 401	751	23	$11 261	$11 304	15 019	$14 381
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	30 953	2 480	3 994	6 298	7 683	7 794	2 049	638	17	$11 738	$11 645	12 783	$14 652
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	14 111	1 328	2 169	3 295	3 459	2 980	715	165	-	$10 366	$10 537	6 219	$12 695
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	3 275	328	383	579	888	820	252	25	-	$12 030	$11 491	1 295	$14 503
PRINTING MACHINE OPERATORS	305	34	80	52	81	52	6	-	-	$8 500	$8 630	141	$12 156
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	3 939	413	877	1 161	777	614	73	24	-	$8 074	$8 792	1 721	$9 632
TEXTILE MACHINE OPERATORS	48	9	15	-	12	6	6	-	-	$8 000	$9 074	-	-
TEXTILE SEWING MACHINE OPERATORS	1 953	147	248	384	572	535	43	24	-	$11 626	$11 111	771	$14 907
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	1 316	214	322	584	126	57	13	-	-	$6 755	$6 485	635	$7 969
OTHER SPECIFIED MACHINE OPERATORS	2 087	194	366	457	468	433	150	19	-	$10 218	$10 562	994	$13 102
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	4 505	359	463	1 046	1 245	1 061	234	97	-	$11 690	$11 486	2 068	$13 761
OCCUPATION: MISCELLANEOUS MACHINE OPERATORS, N.E.C.	1 150	35	121	296	383	243	39	33	-	$11 697	$11 864	542	$12 176
MACHINE OPERATORS, NOT SPECIFIED	3 355	324	342	750	862	818	195	64	-	$11 687	$11 357	1 526	$14 408
INDUSTRY: MANUFACTURING	3 964	271	376	839	1 131	1 029	228	90	-	$12 338	$11 974	1 848	$14 473
NONDURABLE GOODS	1 074	79	149	331	361	104	23	27	-	$9 784	$9 967	438	$12 281
FOOD AND KINDRED PRODUCTS	241	6	63	39	85	24	5	19	-	$11 563	$10 761	118	$13 380
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	87	13	6	63	-	-	5	-	-	$7 690	$7 324	13	$6 143
PAPER AND ALLIED PRODUCTS	130	13	20	52	28	17	-	-	-	$9 231	$8 920	50	$10 500
OTHER NONDURABLE GOODS	616	47	60	177	248	63	13	8	-	$10 593	$10 250	257	$12 167
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	2 890	192	227	508	770	925	205	63	-	$13 304	$12 720	1 410	$15 268
METAL INDUSTRIES	428	29	47	127	111	96	10	8	-	$10 458	$11 054	173	$11 522
MACHINERY, INCLUDING ELECTRICAL	395	45	29	76	90	151	-	4	-	$12 854	$11 497	201	$14 620
TRANSPORTATION EQUIPMENT	1 783	84	110	200	501	645	195	48	-	$14 961	$14 035	913	$15 922
OTHER DURABLE GOODS	284	34	41	105	68	33	-	3	-	$8 794	$8 676	123	$11 650
NONMANUFACTURING INDUSTRIES	541	88	87	207	114	32	6	7	-	$7 447	$7 911	220	$8 571
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	106	11	14	45	10	26	-	-	-	$7 867	$9 128	57	$13 351
WHOLESALE AND RETAIL TRADE	114	30	24	41	12	-	-	7	-	$6 146	$7 319	28	$6 000
ALL OTHER INDUSTRIES	321	47	49	121	92	6	6	-	-	$8 117	$7 719	135	$8 867
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	13 496	864	1 512	2 386	3 540	3 742	1 085	350	17	$12 694	$12 578	5 034	$15 499
WELDERS AND CUTTERS	1 289	68	197	344	305	265	95	15	-	$10 676	$11 073	417	$15 426
ASSEMBLERS	11 983	786	1 243	2 008	3 185	3 443	966	335	17	$12 918	$12 791	4 514	$15 548
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	224	10	72	34	50	34	24	-	-	$9 619	$9 886	103	$10 900
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	3 346	288	313	617	684	1 072	249	123	-	$13 020	$12 557	1 530	$15 632
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	1 973	228	433	483	294	313	160	62	-	$8 816	$9 861	647	$13 894
MOTOR VEHICLE OPERATORS	1 436	205	403	389	184	151	74	30	-	$7 183	$8 177	414	$11 681
TRUCK DRIVERS AND DRIVER-SALES WORKERS	325	20	58	94	44	55	28	26	-	$9 513	$11 370	159	$13 986
BUS DRIVERS	907	120	290	267	118	80	28	4	-	$6 696	$7 338	183	$11 000
RAIL AND WATER TRANSPORTATION OCCUPATIONS	15	-	5	-	-	-	10	-	-	$20 198	$16 095	15	$20 198
MATERIAL MOVING EQUIPMENT OPERATORS	522	23	25	94	110	162	76	32	-	$15 161	$14 314	218	$16 715
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	4 139	693	807	824	833	733	192	51	6	$8 841	$9 437	1 589	$12 718
CONSTRUCTION LABORERS	77	15	22	11	11	15	-	3	-	$6 500	$8 715	28	$15 047
FREIGHT, STOCK, AND MATERIAL HANDLERS	939	225	190	152	146	159	51	16	-	$7 946	$8 711	306	$15 000
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	65	18	33	9	5	-	-	-	-	$3 406	$4 388	14	$9 556
HAND PACKERS AND PACKAGERS	1 364	198	226	306	344	240	44	-	6	$9 273	$9 825	562	$11 712
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	276	25	20	64	83	37	32	15	-	$11 657	$12 096	154	$12 735
LABORERS, EXCEPT CONSTRUCTION	1 418	212	316	282	244	282	65	17	-	$8 662	$9 297	525	$12 969
MANUFACTURING	964	111	170	163	213	240	61	6	-	$11 086	$10 483	360	$14 316
NONDURABLE GOODS	223	36	65	44	39	39	-	-	-	$7 167	$7 449	71	$11 308
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	741	75	105	119	174	201	61	6	-	$12 388	$11 396	289	$15 093
METAL INDUSTRIES	208	27	42	12	43	66	18	-	-	$12 991	$11 018	62	$16 242
NONMANUFACTURING INDUSTRIES	454	101	146	119	31	42	4	11	-	$5 583	$6 780	165	$9 364
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	50	6	11	21	-	12	-	-	-	$7 333	$8 460	7	$15 439
WHOLESALE AND RETAIL TRADE	103	-	24	43	26	10	-	-	-	$7 719	$8 355	46	$10 857
ALL OTHER INDUSTRIES	301	95	111	55	5	20	4	11	-	$4 591	$5 962	112	$8 571
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	62	30	22	5	-	5	-	-	-	$2 333	$3 638	-	-

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

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MICHIGAN

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
AMERICAN INDIAN, ESKIMO, ALEUT													
MALE EXPERIENCED CIVILIAN LABOR FORCE	10 167	1 094	1 632	1 332	1 842	1 765	1 294	1 106	102	$12 707	$13 705	5 165	$17 194
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	1 027	56	93	96	172	170	126	260	54	$17 456	$20 099	717	$21 622
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	556	18	62	12	90	94	74	177	29	$20 105	$21 935	447	$22 629
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	76	1	10	5	13	18	22	7	-	$17 025	$15 680	64	$18 861
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	25	-	-	-	-	8	-	17	-	$30 410	$27 346	18	$30 144
MANAGERS, MEDICINE AND HEALTH	9	-	-	-	9	-	-	-	-	$11 000	$11 905	9	$11 000
OTHER SPECIFIED MANAGERS	58	7	-	2	9	13	7	14	6	$18 981	$28 373	35	$25 511
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	223	10	34	2	35	26	9	92	15	$22 310	$22 537	171	$27 886
MANUFACTURING	51	-	-	-	13	3	-	27	8	$30 651	$29 481	51	$30 651
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	30	-	9	-	-	6	2	13	-	$20 000	$20 834	23	$28 579
WHOLESALE AND RETAIL TRADE	44	-	16	-	11	15	-	2	-	$13 367	$11 823	34	$15 000
ALL OTHER INDUSTRIES	98	10	9	2	11	2	7	50	7	$26 884	$24 254	63	$32 026
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	28	-	11	3	4	-	-	10	-	$10 000	$13 331	17	$25 465
CONSTRUCTION	3	-	3	-	-	-	-	-	-	$3 500	$3 465	-	-
MANUFACTURING	3	-	-	3	-	-	-	-	-	$9 000	$9 505	3	$9 000
WHOLESALE AND RETAIL TRADE	20	-	8	-	2	-	-	10	-	$18 500	$15 317	12	$26 489
ALL OTHER INDUSTRIES	2	-	-	-	2	-	-	-	-	$12 272	$14 005	2	$12 272
MANAGEMENT RELATED OCCUPATIONS	137	-	7	-	20	29	36	37	8	$21 314	$23 130	133	$21 555
ACCOUNTANTS AND AUDITORS	46	-	-	-	4	-	14	28	-	$25 803	$25 545	46	$25 803
BUYERS AND PURCHASING AGENTS	15	-	7	-	-	8	-	-	-	$15 044	$9 472	15	$15 044
PROFESSIONAL SPECIALTY OCCUPATIONS	471	38	31	84	82	76	52	83	25	$15 024	$17 931	270	$20 264
ENGINEERS, ARCHITECTS, AND SURVEYORS	103	-	-	-	12	16	17	56	2	$26 162	$25 991	95	$26 983
ARCHITECTS	-	-	-	-	-	-	-	-	-	-	-	-	-
ENGINEERS	103	-	-	-	12	16	17	56	2	$26 162	$25 991	95	$26 983
ELECTRICAL AND ELECTRONIC ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-	-
MECHANICAL ENGINEERS	46	-	-	-	-	7	10	27	2	$28 012	$29 092	46	$28 012
OTHER ENGINEERS	57	-	-	-	12	9	7	29	-	$25 134	$23 490	49	$26 326
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	21	-	-	-	-	7	14	-	-	$20 198	$20 688	21	$20 198
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	8	-	-	-	-	-	8	-	-	$20 453	$23 005	8	$20 453
NATURAL SCIENTISTS	13	-	-	-	9	-	4	-	-	$13 683	$15 610	10	$14 207
HEALTH DIAGNOSING OCCUPATIONS	20	7	-	-	-	10	-	-	3	$15 792	$19 070	11	$16 301
PHYSICIANS	13	-	-	-	-	10	-	-	3	$17 185	$29 024	11	$16 301
DENTISTS	7	7	-	-	-	-	-	-	-	$1,000-	$585	-	-
OTHER HEALTH DIAGNOSING PRACTITIONERS	-	-	-	-	-	-	-	-	-	-	-	-	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	23	-	-	7	14	2	-	-	-	$12 433	$11 796	4	$15 000
REGISTERED NURSES	12	-	-	-	12	-	-	-	-	$12 272	$13 755	-	-
PHARMACISTS	2	-	-	-	-	2	-	-	-	$15 439	$15 605	2	$15 439
THERAPISTS	9	-	-	7	2	-	-	-	-	$7 286	$8 338	2	$12 272
TEACHERS, LIBRARIANS, AND COUNSELORS	147	10	9	37	27	29	17	18	-	$13 320	$13 688	52	$15 918
TEACHERS, POSTSECONDARY	39	-	6	-	2	5	8	18	-	$23 815	$20 902	15	$24 386
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	59	-	3	20	21	8	7	-	-	$12 291	$12 162	15	$13 317
TEACHERS, SECONDARY	29	-	-	9	2	16	2	-	-	$15 431	$13 414	22	$15 390
SOCIAL SCIENTISTS AND URBAN PLANNERS	-	-	-	-	-	-	-	-	-	-	-	-	-
SOCIAL AND RECREATION WORKERS	19	-	-	7	12	-	-	-	-	$12 097	$10 584	7	$12 216
RELIGIOUS WORKERS	10	-	2	8	-	-	-	-	-	$7 000	$6 925	6	$7 000
LAWYERS AND JUDGES	18	-	-	-	-	-	-	4	14	$57 741	$57 201	18	$57 741
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	97	21	20	25	8	12	-	5	6	$7 500	$12 022	46	$10 333
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1 042	85	137	140	160	208	154	124	34	$14 965	$16 385	647	$18 338
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	165	5	7	12	22	35	26	52	6	$20 218	$25 061	131	$23 234
HEALTH TECHNOLOGISTS AND TECHNICIANS	17	-	-	12	5	-	-	-	-	$9 000	$9 737	5	$9 000
LICENSED PRACTICAL NURSES	5	-	-	5	-	-	-	-	-	$7 000	$6 485	-	-
ENGINEERING AND SCIENCE TECHNICIANS	126	5	2	-	17	28	18	50	6	$22 750	$28 315	109	$25 120
ELECTRICAL AND ELECTRONIC TECHNICIANS	17	-	-	-	-	7	5	5	-	$21 074	$20 579	17	$21 074
DRAFTING AND SURVEYING TECHNICIANS	51	5	2	-	-	7	8	29	-	$25 818	$22 772	41	$27 268
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	22	-	5	-	-	7	8	2	-	$18 993	$18 266	17	$20 456
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	15	-	5	-	-	2	8	-	-	$20 046	$17 114	10	$20 316
SALES OCCUPATIONS	442	43	51	78	76	86	44	43	21	$13 325	$15 882	272	$16 799
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	80	10	15	14	7	9	6	19	-	$11 000	$14 409	52	$19 279
SELF-EMPLOYED	12	5	2	-	-	-	-	5	-	$3 500	$14 459	7	$30 472
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	108	6	9	16	22	16	20	6	13	$15 232	$19 541	74	$18 042
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	92	8	4	5	33	13	10	11	8	$14 381	$20 461	66	$18 090
SALES WORKERS, RETAIL AND PERSONAL SERVICES	155	19	23	43	14	44	5	7	-	$9 167	$11 240	73	$11 750
CASHIERS	38	14	-	12	-	7	5	-	-	$6 833	$8 542	24	$11 500
SALES RELATED OCCUPATIONS	7	-	-	-	-	4	3	-	-	$18 980	$18 862	7	$18 980

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

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

MICHIGAN

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
AMERICAN INDIAN, ESKIMO, ALEUT													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	435	37	79	50	62	87	84	29	7	$13 750	$13 604	244	$17 816
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	44	9	-	6	2	11	10	6	-	$16 788	$14 788	35	$19 039
COMPUTER EQUIPMENT OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
SECRETARIES, STENOGRAPHERS, AND TYPISTS	17	6	9	-	2	-	-	-	-	$3 357	$3 983	4	$8 500
SECRETARIES	7	3	2	-	2	-	-	-	-	$4 250	$5 691	4	$8 500
RECEPTIONISTS	6	-	6	-	-	-	-	-	-	$5 500	$5 005	-	-
FILE CLERKS	9	-	-	7	2	-	-	-	-	$9 286	$9 269	2	$9 000
FINANCIAL RECORDS PROCESSING OCCUPATIONS	36	-	5	-	9	-	15	-	7	$20 798	$22 716	28	$21 841
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	24	-	2	-	6	-	9	-	7	$21 615	$26 147	22	$22 129
TELEPHONE OPERATORS	3	-	-	-	3	-	-	-	-	$12 272	$12 005	3	$12 272
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	33	-	-	-	9	14	10	-	-	$16 965	$16 849	12	$18 837
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	140	-	28	21	35	38	18	-	-	$11 500	$12 154	81	$15 043
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
BANK TELLERS	7	-	7	-	-	-	-	-	-	$3 500	$3 005	-	-
DATA-ENTRY KEYERS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	140	22	24	16	-	24	31	23	-	$16 325	$13 954	79	$20 299
SERVICE OCCUPATIONS	1 176	303	289	111	237	158	65	13	-	$5 930	$8 120	514	$13 046
PRIVATE HOUSEHOLD OCCUPATIONS	3	3	-	-	-	-	-	-	-	$1,000-	$155	-	-
PROTECTIVE SERVICE OCCUPATIONS	364	57	60	36	68	88	42	13	-	$11 526	$11 454	236	$15 306
FIREFIGHTING OCCUPATIONS	39	-	-	9	12	13	5	-	-	$14 485	$14 528	39	$14 485
POLICE AND DETECTIVES, PUBLIC SERVICE	80	-	6	3	17	19	35	-	-	$18 304	$17 089	74	$19 276
GUARDS	181	57	54	15	26	21	2	6	-	$4 036	$6 740	66	$10 348
OTHER PROTECTIVE SERVICE OCCUPATIONS	64	-	-	9	13	35	-	7	-	$15 669	$15 867	57	$15 964
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	809	243	229	75	169	70	23	-	-	$4 527	$6 650	278	$12 276
FOOD PREPARATION AND SERVICE OCCUPATIONS	287	103	124	28	25	7	-	-	-	$3 080	$3 921	48	$8 222
WAITERS AND FOOD COUNTER WORKERS	22	10	12	-	-	-	-	-	-	$3 083	$2 223	-	-
COOKS	120	24	64	10	16	6	-	-	-	$3 478	$4 816	10	$12 077
HEALTH SERVICE OCCUPATIONS	30	5	6	4	13	-	2	-	-	$9 000	$8 046	15	$11 833
NURSING AIDES, ORDERLIES, AND ATTENDANTS	21	5	-	4	10	-	2	-	-	$11 000	$9 307	12	$12 065
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	468	135	93	35	121	63	21	-	-	$6 750	$8 145	203	$12 856
PERSONAL SERVICE OCCUPATIONS	24	-	6	8	10	-	-	-	-	$8 000	$8 387	12	$12 065
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	-	-	-	-	-	-	-	-	-	-	-	-	-
FARMING, FORESTRY, AND FISHING OCCUPATIONS	437	100	141	115	50	12	10	2	7	$5 297	$6 863	130	$7 697
FARM OPERATORS AND MANAGERS	30	6	13	2	2	-	-	-	7	$4 500	$17 687	19	$5 167
FARM OCCUPATIONS, EXCEPT MANAGERIAL	93	30	19	42	-	2	-	-	-	$5 750	$5 288	33	$6 818
RELATED AGRICULTURAL OCCUPATIONS	131	47	46	23	15	-	-	-	-	$3 500	$4 181	30	$7 636
FORESTRY AND FISHING OCCUPATIONS	183	17	63	48	33	10	10	2	-	$6 575	$7 809	48	$12 313
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	2 337	141	386	280	360	403	352	415	-	$15 013	$15 113	1 284	$18 909
MECHANICS AND REPAIRERS	734	27	106	129	125	113	140	94	-	$13 797	$14 679	448	$17 799
AUTOMOBILE MECHANICS, INCLUDING BODY	199	5	36	68	45	18	17	10	-	$9 406	$10 939	108	$10 333
AIRCRAFT MECHANICS	3	-	-	-	-	-	3	-	-	$20 453	$24 060	3	$20 453
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	48	-	8	12	-	9	13	6	-	$16 817	$16 577	34	$20 435
OTHER MECHANICS AND REPAIRERS	484	22	62	49	80	86	107	78	-	$16 335	$15 970	303	$20 095
CONSTRUCTION TRADES	962	79	200	128	183	157	86	129	-	$11 805	$13 265	383	$16 853
CARPENTERS	205	26	101	32	24	12	1	9	-	$4 946	$6 806	57	$6 250
ELECTRICIANS	112	5	6	4	31	22	8	36	-	$16 855	$18 239	81	$18 983
PAINTERS, CONSTRUCTION AND MAINTENANCE	104	17	25	21	9	12	15	5	-	$8 167	$10 262	24	$20 155
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	84	-	6	7	9	37	13	12	-	$16 969	$17 537	53	$17 685
OTHER CONSTRUCTION TRADES	457	31	62	64	110	74	49	67	-	$13 235	$14 841	168	$17 383
EXTRACTIVE OCCUPATIONS	35	17	4	3	-	2	2	7	-	$2 125	$8 909	14	$8 500
PRECISION PRODUCTION OCCUPATIONS	606	18	76	20	52	131	124	185	-	$20 171	$18 929	439	$21 752
SUPERVISORS, PRODUCTION OCCUPATIONS	197	11	24	-	5	34	45	78	-	$22 299	$20 824	152	$24 172
MANUFACTURING	150	11	24	-	5	27	19	64	-	$21 818	$20 202	111	$26 688
PRECISION METALWORKING OCCUPATIONS	308	5	35	15	24	80	69	80	-	$19 563	$18 510	219	$21 293
TOOL AND DIE MAKERS	138	2	26	2	10	35	28	35	-	$18 850	$18 272	93	$21 953
MACHINISTS	83	3	9	7	14	18	14	18	-	$16 914	$16 482	69	$18 360
SHEET METAL WORKERS	43	-	-	-	-	8	27	8	-	$21 529	$21 419	21	$23 477
OTHER PRECISION METAL WORKERS	44	-	-	6	-	19	-	19	-	$18 819	$20 241	36	$19 566
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	-	-	-	-	-	-	-	-	-	-	-	-	-
PLANT AND SYSTEM OPERATORS	30	-	-	-	5	9	2	14	-	$22 278	$20 952	19	$18 730
OTHER PRECISION PRODUCTION OCCUPATIONS	71	2	17	5	18	8	8	13	-	$12 881	$14 635	49	$17 433

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

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

MICHIGAN

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
AMERICAN INDIAN, ESKIMO, ALEUT													
OPERATORS, FABRICATORS, AND LABORERS	4 138	408	584	583	863	814	587	292	7	$12 851	$12 977	1 866	$16 734
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	2 033	128	175	292	520	463	289	166	-	$13 818	$13 888	958	$16 845
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	1 064	80	93	173	287	213	123	95	-	$12 781	$13 520	548	$16 123
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	406	17	35	50	129	90	52	33	-	$13 594	$14 562	242	$15 000
PRINTING MACHINE OPERATORS	27	6	2	7	6	6	-	-	-	$9 571	$8 879	12	$15 000
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	23	6	-	8	5	2	2	-	-	$9 375	$9 258	12	$10 400
TEXTILE MACHINE OPERATORS	6	6	-	-	-	-	-	-	-	$1 500	$1 475	-	-
TEXTILE SEWING MACHINE OPERATORS	4	-	-	-	-	2	2	-	-	$20 000	$20 505	2	$15 439
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	3	-	-	3	-	-	-	-	-	$9 000	$9 005	-	-
OTHER SPECIFIED MACHINE OPERATORS	276	20	35	52	64	52	22	31	-	$12 069	$12 708	131	$17 517
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	332	31	21	56	83	63	47	31	-	$12 829	$13 594	151	$16 998
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	58	7	2	2	13	21	7	6	-	$15 731	$15 816	43	$16 562
MACHINE OPERATORS, NOT SPECIFIED	274	24	19	54	70	42	40	25	-	$12 000	$13 124	108	$17 253
INDUSTRY:													
MANUFACTURING	284	27	12	49	81	55	40	20	-	$12 671	$13 510	144	$17 044
NONDURABLE GOODS	55	11	8	13	7	16	-	-	-	$9 100	$9 635	23	$13 187
FOOD AND KINDRED PRODUCTS	8	5	-	3	-	-	-	-	-	$1,000-	$2 674	-	-
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	-	-	-	-	-	-	-	-	-	-	-	-	-
PAPER AND ALLIED PRODUCTS	16	-	-	7	7	2	-	-	-	$12 212	$12 579	14	$12 456
OTHER NONDURABLE GOODS	31	6	8	3	-	14	-	-	-	$9 000	$9 912	9	$15 192
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	229	16	4	36	74	39	40	20	-	$13 269	$14 441	121	$18 791
METAL INDUSTRIES	51	6	2	2	27	6	-	8	-	$12 482	$12 804	26	$15 582
MACHINERY, INCLUDING ELECTRICAL	74	6	-	25	18	10	15	-	-	$10 667	$11 854	39	$15 184
TRANSPORTATION EQUIPMENT	86	1	-	-	29	19	25	12	-	$18 019	$18 901	56	$21 136
OTHER DURABLE GOODS	18	3	2	9	-	4	-	-	-	$8 571	$8 402	-	-
NONMANUFACTURING INDUSTRIES	48	4	9	7	2	8	7	11	-	$15 969	$14 093	7	$15 439
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	9	-	-	-	2	7	-	-	-	$15 289	$13 894	7	$15 439
ALL OTHER INDUSTRIES	39	4	9	7	-	1	7	11	-	$9 857	$14 139	-	-
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	774	40	75	77	173	227	130	52	-	$15 298	$14 300	318	$17 578
WELDERS AND CUTTERS	288	9	23	10	58	101	59	28	-	$16 570	$15 924	133	$18 893
ASSEMBLERS	479	31	52	67	115	119	71	24	-	$13 695	$13 284	178	$16 676
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	7	-	-	-	-	7	-	-	-	$15 439	$17 005	7	$15 439
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	195	8	7	42	60	23	36	19	-	$13 543	$14 258	92	$18 462
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	1 151	90	118	135	238	238	232	93	7	$14 890	$15 078	625	$17 464
MOTOR VEHICLE OPERATORS	662	64	90	88	97	134	114	68	7	$14 626	$15 215	362	$17 235
TRUCK DRIVERS AND DRIVER-SALES WORKERS	581	45	73	79	80	121	109	67	7	$15 391	$16 085	337	$17 873
BUS DRIVERS	38	4	15	8	5	6	-	-	-	$5 500	$7 437	5	$12 272
RAIL AND WATER TRANSPORTATION OCCUPATIONS	72	-	-	5	19	14	16	18	-	$19 069	$18 370	43	$19 737
MATERIAL MOVING EQUIPMENT OPERATORS	417	26	28	42	122	90	102	7	-	$14 605	$14 293	220	$17 342
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	29	4	-	2	9	2	12	-	-	$14 765	$14 951	12	$20 198
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	954	190	291	156	105	113	66	33	-	$5 956	$8 502	283	$15 256
CONSTRUCTION LABORERS	186	24	52	66	14	18	-	12	-	$6 944	$8 462	24	$11 750
FREIGHT, STOCK, AND MATERIAL HANDLERS	268	56	102	38	5	44	2	21	-	$5 500	$8 227	66	$15 782
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	107	40	40	18	9	-	-	-	-	$3 065	$3 936	13	$8 714
HAND PACKERS AND PACKAGERS	69	2	28	5	14	-	20	-	-	$9 500	$10 583	39	$20 018
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	51	33	7	-	4	7	-	-	-	$1 167	$4 264	7	$15 439
LABORERS, EXCEPT CONSTRUCTION	273	35	62	29	59	44	44	-	-	$11 400	$10 854	134	$15 205
MANUFACTURING	141	4	20	7	31	35	44	-	-	$15 863	$14 789	95	$17 237
NONDURABLE GOODS	45	2	2	5	13	2	21	-	-	$16 080	$16 017	38	$20 071
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	96	2	18	2	18	33	23	-	-	$15 766	$14 214	57	$16 406
METAL INDUSTRIES	45	2	7	-	13	12	11	-	-	$15 129	$14 468	28	$14 601
NONMANUFACTURING INDUSTRIES	132	31	42	22	28	9	-	-	-	$5 500	$6 650	39	$11 857
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	21	-	3	7	4	7	-	-	-	$10 250	$11 409	10	$15 223
WHOLESALE AND RETAIL TRADE	71	12	27	15	17	-	-	-	-	$5 611	$6 432	20	$10 000
ALL OTHER INDUSTRIES	40	19	12	-	7	2	-	-	-	$2 250	$4 538	9	$11 286
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	10	1	2	7	-	-	-	-	-	$6 571	$5 775	7	$6 600

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

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MICHIGAN

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
AMERICAN INDIAN, ESKIMO, ALEUT													
FEMALE EXPERIENCED CIVILIAN LABOR FORCE	6 293	1 329	1 686	1 450	1 014	532	208	65	9	$6 380	$7 384	2 374	$10 776
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	887	122	179	171	194	130	69	22	-	$9 424	$10 020	338	$13 341
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	344	34	78	53	99	43	20	17	-	$10 824	$10 819	180	$13 599
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	34	1	9	8	12	4	-	-	-	$9 000	$8 840	24	$12 569
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	27	-	8	-	-	5	8	6	-	$20 192	$17 886	9	$25 202
MANAGERS, MEDICINE AND HEALTH	13	-	-	5	8	-	-	-	-	$12 087	$12 082	8	$12 272
OTHER SPECIFIED MANAGERS	30	-	12	5	5	8	-	-	-	$7 200	$10 085	18	$14 210
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	156	29	28	19	42	15	12	11	-	$10 267	$10 812	77	$14 022
MANUFACTURING	-	-	-	-	-	-	-	-	-	-	-	-	-
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	11	-	-	-	5	-	6	-	-	$20 062	$16 732	11	$20 062
WHOLESALE AND RETAIL TRADE	21	-	6	9	-	-	6	-	-	$7 500	$11 082	3	$9 000
ALL OTHER INDUSTRIES	124	29	22	10	37	15	-	11	-	$10 133	$10 241	63	$13 988
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	2	2	-	-	-	-	-	-	-	$1,000-	$-9 575	-	-
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING	-	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	2	2	-	-	-	-	-	-	-	$1,000-	$-9 575	-	-
ALL OTHER INDUSTRIES	-	-	-	-	-	-	-	-	-	-	-	-	-
MANAGEMENT RELATED OCCUPATIONS	82	2	21	16	32	11	-	-	-	$12 000	$9 892	44	$13 079
ACCOUNTANTS AND AUDITORS	21	-	10	6	5	-	-	-	-	$6 167	$6 876	11	$7 833
BUYERS AND PURCHASING AGENTS	16	-	-	8	-	8	-	-	-	$12 500	$12 451	10	$15 306
PROFESSIONAL SPECIALTY OCCUPATIONS	543	88	101	118	95	87	49	5	-	$9 066	$9 514	158	$12 861
ENGINEERS, ARCHITECTS, AND SURVEYORS	7	-	-	-	-	-	7	-	-	$20 453	$22 685	7	$20 453
ARCHITECTS	-	-	-	-	-	-	-	-	-	-	-	-	-
ENGINEERS	7	-	-	-	-	-	7	-	-	$20 453	$22 685	7	$20 453
ELECTRICAL AND ELECTRONIC ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-	-
MECHANICAL ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER ENGINEERS	7	-	-	-	-	-	7	-	-	$20 453	$22 685	7	$20 453
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-	-
NATURAL SCIENTISTS	6	-	3	3	-	-	-	-	-	$6 000	$5 765	-	-
HEALTH DIAGNOSING OCCUPATIONS	12	-	-	-	5	7	-	-	-	$15 105	$14 720	5	$12 272
PHYSICIANS	5	-	-	-	5	-	-	-	-	$12 272	$14 315	5	$12 272
DENTISTS	7	-	-	-	-	7	-	-	-	$15 439	$15 010	-	-
OTHER HEALTH DIAGNOSING PRACTITIONERS	-	-	-	-	-	-	-	-	-	-	-	-	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	92	21	5	27	23	3	13	-	-	$9 000	$9 188	59	$12 072
REGISTERED NURSES	72	21	-	19	16	3	13	-	-	$9 333	$9 449	47	$11 889
PHARMACISTS	-	-	-	-	-	-	-	-	-	-	-	-	-
THERAPISTS	15	-	-	8	7	-	-	-	-	$9 500	$10 165	7	$12 272
TEACHERS, LIBRARIANS, AND COUNSELORS	277	54	49	48	32	60	29	5	-	$9 219	$9 960	28	$16 093
TEACHERS, POSTSECONDARY	24	8	-	-	-	16	-	-	-	$15 192	$11 204	10	$15 439
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	148	15	27	28	18	40	15	5	-	$10 727	$11 386	18	$15 881
TEACHERS, SECONDARY	34	-	11	6	6	4	7	-	-	$10 000	$10 895	-	-
SOCIAL SCIENTISTS AND URBAN PLANNERS	13	-	-	6	-	7	-	-	-	$15 051	$13 356	13	$15 051
SOCIAL AND RECREATION WORKERS	49	4	8	9	18	10	-	-	-	$11 167	$9 952	27	$12 333
RELIGIOUS WORKERS	5	-	-	-	5	-	-	-	-	$11 000	$10 005	5	$11 000
LAWYERS AND JUDGES	5	-	5	-	-	-	-	-	-	$3 500	$3 475	-	-
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	77	9	31	25	12	-	-	-	-	$5 500	$6 015	14	$12 000
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	2 149	373	571	533	422	169	66	6	9	$7 366	$7 775	964	$10 852
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	186	11	54	47	48	15	11	-	-	$8 348	$8 618	80	$12 350
HEALTH TECHNOLOGISTS AND TECHNICIANS	121	5	27	42	34	2	11	-	-	$8 826	$9 045	53	$10 333
LICENSED PRACTICAL NURSES	90	5	11	29	34	-	11	-	-	$10 000	$9 958	40	$11 333
ENGINEERING AND SCIENCE TECHNICIANS	47	-	27	-	7	13	-	-	-	$4 563	$8 099	22	$15 113
ELECTRICAL AND ELECTRONIC TECHNICIANS	-	-	-	-	-	-	-	-	-	-	-	-	-
DRAFTING AND SURVEYING TECHNICIANS	27	-	13	-	7	7	-	-	-	$12 141	$9 129	16	$14 369
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	18	6	-	5	7	-	-	-	-	$7 200	$7 104	5	$12 272
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	5	-	-	-	5	-	-	-	-	$12 272	$14 005	5	$12 272
SALES OCCUPATIONS	531	184	193	66	63	2	17	6	-	$3 467	$5 104	133	$8 619
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	27	6	11	8	-	-	-	2	-	$4 417	$6 421	14	$4 833
SELF-EMPLOYED	6	-	2	2	-	-	-	2	-	$9 000	$13 005	2	$3 500
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	48	-	9	17	11	-	11	-	-	$9 600	$10 655	25	$11 400
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	17	7	6	-	-	-	-	4	-	$3 250	$9 716	4	$30 879
SALES WORKERS, RETAIL AND PERSONAL SERVICES	437	169	167	41	52	2	6	-	-	$3 194	$4 255	90	$7 625
CASHIERS	237	83	83	17	46	2	6	-	-	$3 211	$5 178	36	$12 312
SALES RELATED OCCUPATIONS	2	2	-	-	-	-	-	-	-	$1,000-	$435	-	-

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

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

MICHIGAN

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
AMERICAN INDIAN, ESKIMO, ALEUT													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	1 432	178	324	420	311	152	38	-	9	$8 544	$8 655	751	$11 115
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	33	4	3	7	18	1	-	-	-	$12 081	$9 576	19	$12 607
COMPUTER EQUIPMENT OPERATORS	30	2	2	15	6	5	-	-	-	$9 333	$10 278	26	$9 667
SECRETARIES, STENOGRAPHERS, AND TYPISTS	427	39	98	177	75	38	-	-	-	$8 454	$8 064	260	$9 573
SECRETARIES	361	34	88	154	47	38	-	-	-	$8 295	$8 039	212	$9 429
RECEPTIONISTS	78	10	22	33	-	13	-	-	-	$8 143	$7 717	35	$9 000
FILE CLERKS	41	13	-	9	11	8	-	-	-	$9 250	$7 755	15	$15 044
FINANCIAL RECORDS PROCESSING OCCUPATIONS	159	15	23	76	33	6	4	-	2	$8 620	$8 775	78	$9 769
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	132	15	15	61	33	6	-	-	2	$8 649	$8 728	61	$10 143
TELEPHONE OPERATORS	34	6	6	-	15	7	-	-	-	$12 000	$9 732	17	$14 285
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	37	-	-	1	14	17	5	-	-	$15 513	$16 115	18	$17 419
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	41	7	17	4	13	-	-	-	-	$4 417	$6 368	29	$9 250
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	18	-	-	-	14	-	4	-	-	$13 300	$15 411	18	$13 300
BANK TELLERS	25	-	2	16	7	-	-	-	-	$9 214	$8 339	11	$8 778
DATA-ENTRY KEYERS	51	4	21	7	19	-	-	-	-	$8 143	$6 756	17	$10 600
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	458	78	130	75	86	57	25	-	7	$7 000	$8 718	208	$13 245
SERVICE OCCUPATIONS	1 802	584	684	336	121	41	14	22	-	$3 362	$4 578	443	$8 011
PRIVATE HOUSEHOLD OCCUPATIONS	107	35	53	9	-	8	-	2	-	$3 435	$4 536	23	$4 929
PROTECTIVE SERVICE OCCUPATIONS	92	24	35	23	8	2	-	-	-	$3 824	$4 938	18	$10 500
FIREFIGHTING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
POLICE AND DETECTIVES, PUBLIC SERVICE	19	6	9	-	4	-	-	-	-	$3 389	$4 402	4	$12 272
GUARDS	50	7	26	17	-	-	-	-	-	$4 400	$4 766	8	$4 800
OTHER PROTECTIVE SERVICE OCCUPATIONS	23	11	-	6	4	2	-	-	-	$6 167	$5 756	6	$11 500
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	1 603	525	596	304	113	31	14	20	-	$3 303	$4 560	402	$8 047
FOOD PREPARATION AND SERVICE OCCUPATIONS	705	264	294	100	34	6	-	7	-	$2 686	$3 600	106	$7 349
WAITERS AND FOOD COUNTER WORKERS	335	151	143	28	7	6	-	-	-	$2 275	$2 806	36	$5 333
COOKS	146	41	47	45	13	-	-	-	-	$3 643	$4 494	41	$7 269
HEALTH SERVICE OCCUPATIONS	381	92	142	118	24	-	-	5	-	$4 543	$5 036	146	$8 078
NURSING AIDES, ORDERLIES, AND ATTENDANTS	319	91	123	82	18	-	-	5	-	$4 309	$4 792	93	$8 674
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	254	78	89	29	37	11	7	3	-	$3 645	$5 649	88	$9 846
PERSONAL SERVICE OCCUPATIONS	263	91	71	57	18	14	7	5	-	$3 188	$5 394	62	$8 500
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	71	26	22	8	6	9	-	-	-	$2 452	$4 826	16	$9 667
FARMING, FORESTRY, AND FISHING OCCUPATIONS	25	19	1	5	-	-	-	-	-	$1 278	$2 413	-	-
FARM OPERATORS AND MANAGERS	-	-	-	-	-	-	-	-	-	-	-	-	-
FARM OCCUPATIONS, EXCEPT MANAGERIAL	9	9	-	-	-	-	-	-	-	$1,000-	$983	-	-
RELATED AGRICULTURAL OCCUPATIONS	11	10	1	-	-	-	-	-	-	$1 100	$1 040	-	-
FORESTRY AND FISHING OCCUPATIONS	5	-	-	5	-	-	-	-	-	$9 000	$8 005	-	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	170	19	36	54	38	16	7	-	-	$7 622	$8 702	80	$11 125
MECHANICS AND REPAIRERS	34	4	12	14	4	-	-	-	-	$6 250	$6 083	8	$9 000
AUTOMOBILE MECHANICS, INCLUDING BODY	-	-	-	-	-	-	-	-	-	-	-	-	-
AIRCRAFT MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER MECHANICS AND REPAIRERS	34	4	12	14	4	-	-	-	-	$6 250	$6 083	8	$9 000
CONSTRUCTION TRADES	15	5	10	-	-	-	-	-	-	$2 833	$3 147	-	-
CARPENTERS	2	2	-	-	-	-	-	-	-	$1 500	$1 505	-	-
ELECTRICIANS	-	-	-	-	-	-	-	-	-	-	-	-	-
PAINTERS, CONSTRUCTION AND MAINTENANCE	-	-	-	-	-	-	-	-	-	-	-	-	-
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER CONSTRUCTION TRADES	13	3	10	-	-	-	-	-	-	$5 071	$3 400	-	-
EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	121	10	14	40	34	16	7	-	-	$9 364	$10 126	72	$11 125
SUPERVISORS, PRODUCTION OCCUPATIONS	51	-	2	14	16	12	7	-	-	$11 188	$13 235	31	$10 938
MANUFACTURING	51	-	2	14	16	12	7	-	-	$11 188	$13 235	31	$10 938
PRECISION METALWORKING OCCUPATIONS	11	5	-	6	-	-	-	-	-	$6 167	$4 769	6	$7 000
TOOL AND DIE MAKERS	11	5	-	6	-	-	-	-	-	$6 167	$4 769	6	$7 000
MACHINISTS	-	-	-	-	-	-	-	-	-	-	-	-	-
SHEET METAL WORKERS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER PRECISION METAL WORKERS	-	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	13	-	-	7	6	-	-	-	-	$9 857	$11 205	6	$12 272
PLANT AND SYSTEM OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER PRECISION PRODUCTION OCCUPATIONS	46	5	12	13	12	4	-	-	-	$7 091	$7 656	29	$12 192

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

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

MICHIGAN

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
AMERICAN INDIAN, ESKIMO, ALEUT													
OPERATORS, FABRICATORS, AND LABORERS	1 260	212	215	351	239	176	52	15	-	$8 228	$8 797	549	$11 244
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	1 001	122	169	305	216	129	45	15	-	$8 799	$9 253	456	$10 597
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	521	69	90	179	109	50	24	-	-	$8 402	$8 608	243	$10 433
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	110	11	29	25	33	12	-	-	-	$8 750	$8 444	47	$12 275
PRINTING MACHINE OPERATORS	18	-	-	2	16	-	-	-	-	$12 084	$11 699	18	$12 084
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	124	22	11	56	9	7	19	-	-	$8 615	$9 432	53	$8 607
TEXTILE MACHINE OPERATORS	9	-	-	-	9	-	-	-	-	$12 272	$13 005	-	-
TEXTILE SEWING MACHINE OPERATORS	67	3	8	30	-	7	19	-	-	$9 464	$12 262	27	$9 235
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	37	16	3	18	-	-	-	-	-	$4 750	$4 641	20	$8 182
OTHER SPECIFIED MACHINE OPERATORS	126	24	28	43	16	15	-	-	-	$6 786	$6 851	34	$7 500
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	143	12	22	53	35	16	5	-	-	$8 852	$9 177	91	$11 615
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	29	-	2	8	14	-	5	-	-	$11 286	$11 339	24	$12 000
MACHINE OPERATORS, NOT SPECIFIED	114	12	20	45	21	16	-	-	-	$8 462	$8 627	67	$11 167
INDUSTRY:													
MANUFACTURING	107	12	17	48	24	6	-	-	-	$8 259	$7 981	60	$10 000
NONDURABLE GOODS	36	-	2	28	6	-	-	-	-	$8 400	$8 036	18	$9 250
FOOD AND KINDRED PRODUCTS	11	-	-	11	-	-	-	-	-	$8 429	$7 914	-	-
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	5	-	-	5	-	-	-	-	-	$7 000	$6 765	-	-
PAPER AND ALLIED PRODUCTS	5	-	-	-	5	-	-	-	-	$12 272	$12 045	5	$12 272
OTHER NONDURABLE GOODS	15	-	2	12	1	-	-	-	-	$8 375	$7 212	13	$8 625
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	71	12	15	20	18	6	-	-	-	$8 083	$7 954	42	$10 857
METAL INDUSTRIES	32	-	6	11	9	6	-	-	-	$9 818	$10 612	17	$13 565
MACHINERY, INCLUDING ELECTRICAL	6	-	4	-	2	-	-	-	-	$5 500	$7 038	2	$12 272
TRANSPORTATION EQUIPMENT	17	12	5	-	-	-	-	-	-	$1 300	$2 093	7	$1 700
OTHER DURABLE GOODS	16	-	-	9	7	-	-	-	-	$8 000	$9 208	16	$8 000
NONMANUFACTURING INDUSTRIES	36	-	5	5	11	10	5	-	-	$13 292	$12 732	31	$14 677
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	10	-	-	-	-	10	-	-	-	$15 439	$15 505	10	$15 439
WHOLESALE AND RETAIL TRADE	3	-	-	3	-	-	-	-	-	$7 000	$7 138	-	-
ALL OTHER INDUSTRIES	23	-	5	2	11	-	5	-	-	$11 800	$12 256	21	$12 159
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	328	41	48	83	75	45	21	15	-	$9 543	$10 239	134	$12 000
WELDERS AND CUTTERS	27	-	13	6	8	-	-	-	-	$6 167	$6 561	7	$2 700
ASSEMBLERS	288	37	31	77	62	45	21	15	-	$9 943	$10 787	122	$12 613
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	13	4	4	-	5	-	-	-	-	$5 625	$5 736	5	$11 000
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	152	12	31	43	32	34	-	-	-	$9 259	$9 336	79	$10 042
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	121	30	30	21	16	24	-	-	-	$6 059	$7 670	45	$15 044
MOTOR VEHICLE OPERATORS	104	30	30	21	14	9	-	-	-	$5 429	$6 221	28	$12 000
TRUCK DRIVERS AND DRIVER-SALES WORKERS	52	17	8	4	14	9	-	-	-	$8 500	$7 642	25	$12 707
BUS DRIVERS	41	8	16	17	-	-	-	-	-	$5 563	$5 041	3	$7 000
RAIL AND WATER TRANSPORTATION OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	17	-	-	-	2	15	-	-	-	$15 366	$16 534	17	$15 366
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	138	60	16	25	7	23	7	-	-	$3 692	$6 480	48	$15 676
CONSTRUCTION LABORERS	12	10	-	2	-	-	-	-	-	$1,000-	$1 755	-	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	47	27	5	2	-	6	7	-	-	$1 731	$6 432	15	$19 369
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	3	3	-	-	-	-	-	-	-	$1,000-	$645	-	-
HAND PACKERS AND PACKAGERS	24	5	-	14	5	-	-	-	-	$7 000	$7 215	14	$7 556
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	15	12	-	3	-	-	-	-	-	$1,000-	$1 997	-	-
LABORERS, EXCEPT CONSTRUCTION	37	3	11	4	2	17	-	-	-	$12 660	$9 888	19	$15 374
MANUFACTURING	13	-	2	4	-	7	-	-	-	$15 051	$11 783	9	$15 289
NONDURABLE GOODS	-	-	-	-	-	-	-	-	-	-	-	-	-
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	13	-	2	4	-	7	-	-	-	$15 051	$11 783	9	$15 289
METAL INDUSTRIES	7	-	-	-	-	7	-	-	-	$15 439	$16 005	7	$15 439
NONMANUFACTURING INDUSTRIES	24	3	9	-	2	10	-	-	-	$8 500	$8 861	10	$15 439
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	6	-	6	-	-	-	-	-	-	$3 500	$3 295	-	-
WHOLESALE AND RETAIL TRADE	8	-	3	-	-	5	-	-	-	$15 150	$11 118	5	$15 439
ALL OTHER INDUSTRIES	10	3	-	-	2	5	-	-	-	$15 000	$10 395	5	$15 439
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	-	-	-	-	-	-	-	-	-	-	-	-	-

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

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

MICHIGAN

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
ASIAN AND PACIFIC ISLANDER													
MALE EXPERIENCED CIVILIAN LABOR FORCE	14 725	1 011	1 606	1 577	1 795	1 775	1 931	3 695	1 335	$18 629	$24 127	9 333	$23 361
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	7 617	200	387	425	559	876	1 178	2 725	1 267	$25 818	$34 239	5 676	$28 071
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	1 550	69	71	98	201	248	264	502	97	$21 359	$24 173	1 254	$23 074
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	42	14	-	-	-	-	6	16	6	$25 675	$22 409	22	$28 911
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	55	-	-	-	13	11	4	23	4	$24 270	$27 380	35	$30 459
MANAGERS, MEDICINE AND HEALTH	13	-	-	-	-	7	-	-	6	$19 413	$34 713	7	$15 439
OTHER SPECIFIED MANAGERS	241	-	6	7	29	37	43	100	19	$24 774	$26 378	207	$26 282
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	708	46	28	68	66	69	119	250	62	$22 912	$27 120	591	$25 618
MANUFACTURING	242	5	5	7	-	8	74	120	23	$29 742	$37 164	217	$32 088
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	26	-	-	-	11	-	-	15	-	$25 103	$19 467	18	$13 834
WHOLESALE AND RETAIL TRADE	223	35	11	49	44	32	-	30	22	$12 042	$17 198	165	$13 236
ALL OTHER INDUSTRIES	217	6	12	12	11	29	45	85	17	$24 075	$27 032	191	$26 266
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	124	9	-	11	35	32	17	20	-	$15 759	$16 354	106	$15 386
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING	-	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	112	9	-	11	35	26	11	20	-	$15 126	$16 230	94	$14 397
ALL OTHER INDUSTRIES	12	-	-	-	-	6	6	-	-	$20 000	$17 505	12	$20 000
MANAGEMENT RELATED OCCUPATIONS	367	-	37	12	58	92	75	93	-	$18 870	$19 030	286	$21 069
ACCOUNTANTS AND AUDITORS	267	-	18	5	39	78	55	72	-	$19 409	$19 984	212	$21 226
BUYERS AND PURCHASING AGENTS	28	-	-	-	19	-	6	3	-	$11 647	$16 178	28	$11 647
PROFESSIONAL SPECIALTY OCCUPATIONS	6 067	131	316	327	358	628	914	2 223	1 170	$26 996	$36 811	4 422	$29 377
ENGINEERS, ARCHITECTS, AND SURVEYORS	2 114	16	48	44	98	153	444	1 244	67	$27 182	$28 375	1 746	$28 018
ARCHITECTS	62	-	-	6	5	6	15	30	-	$24 553	$23 562	56	$26 786
ENGINEERS	2 047	16	48	38	93	142	429	1 214	67	$27 239	$28 550	1 685	$28 059
ELECTRICAL AND ELECTRONIC ENGINEERS	245	11	-	-	5	12	72	141	4	$26 078	$26 562	206	$26 891
MECHANICAL ENGINEERS	835	5	5	22	19	57	155	553	19	$29 593	$29 481	668	$30 151
OTHER ENGINEERS	967	-	43	16	69	73	202	520	44	$26 256	$28 249	811	$27 037
SURVEYORS AND MAPPING SCIENTISTS	5	-	-	-	-	5	-	-	-	$15 439	$16 505	5	$15 439
MATHEMATICAL AND COMPUTER SCIENTISTS	289	21	13	65	15	42	61	72	-	$18 335	$17 656	205	$21 340
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	222	21	6	57	7	28	56	47	-	$18 288	$16 860	153	$21 078
NATURAL SCIENTISTS	336	-	17	6	51	75	87	68	32	$20 779	$24 334	256	$21 413
HEALTH DIAGNOSING OCCUPATIONS	2 019	5	33	51	86	207	123	457	1 057	$51 738	$62 678	1 509	$52 551
PHYSICIANS	1 949	5	33	47	75	207	104	440	1 038	$52 450	$63 804	1 465	$52 867
DENTISTS	56	-	-	4	11	-	11	11	19	$26 450	$33 114	30	$54 102
OTHER HEALTH DIAGNOSING PRACTITIONERS	14	-	-	-	-	-	8	6	-	$24 005	$24 292	14	$24 005
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	176	-	5	15	40	17	56	37	6	$20 640	$20 748	105	$23 302
REGISTERED NURSES	53	-	5	4	11	-	12	15	6	$22 288	$23 025	40	$25 178
PHARMACISTS	59	-	-	11	5	-	39	4	-	$20 721	$19 004	30	$21 596
THERAPISTS	28	-	-	-	-	5	5	18	-	$26 065	$27 808	18	$28 048
TEACHERS, LIBRARIANS, AND COUNSELORS	810	74	120	88	60	83	105	274	6	$18 562	$18 193	406	$24 538
TEACHERS, POSTSECONDARY	550	57	75	69	19	33	71	220	6	$21 298	$19 275	307	$26 184
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	139	7	4	13	33	31	26	25	-	$16 581	$17 813	64	$15 751
TEACHERS, SECONDARY	28	10	-	-	-	12	1	5	-	$16 020	$12 848	1	$20 453
SOCIAL SCIENTISTS AND URBAN PLANNERS	65	-	14	6	-	11	4	30	-	$21 675	$22 533	53	$30 821
SOCIAL AND RECREATION WORKERS	12	-	-	-	-	8	-	4	-	$17 985	$21 205	12	$17 985
RELIGIOUS WORKERS	37	-	23	9	-	-	5	-	-	$5 550	$7 009	29	$5 750
LAWYERS AND JUDGES	25	-	-	-	-	7	6	12	-	$24 445	$26 620	25	$24 445
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	184	15	43	43	8	25	23	25	2	$9 455	$13 534	76	$20 000
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	2 356	281	313	285	400	363	266	400	48	$13 643	$15 125	1 322	$18 787
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	1 038	82	131	118	181	169	108	244	5	$15 150	$16 187	577	$21 532
HEALTH TECHNOLOGISTS AND TECHNICIANS	204	12	24	3	57	42	31	30	5	$15 509	$17 021	110	$20 849
LICENSED PRACTICAL NURSES	3	-	-	3	-	-	-	-	-	$7 000	$6 305	-	-
ENGINEERING AND SCIENCE TECHNICIANS	399	29	48	57	49	65	20	131	-	$15 989	$17 079	222	$25 494
ELECTRICAL AND ELECTRONIC TECHNICIANS	33	-	-	12	4	17	-	-	-	$15 021	$13 260	33	$15 021
DRAFTING AND SURVEYING TECHNICIANS	180	13	37	13	31	27	11	48	-	$14 257	$15 866	74	$25 000
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	435	41	59	58	75	62	57	83	-	$13 841	$14 978	245	$20 500
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	88	2	-	-	21	33	14	18	-	$17 575	$18 630	66	$19 713
SALES OCCUPATIONS	627	67	94	79	77	87	72	108	43	$14 755	$17 622	390	$18 882
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	191	23	18	54	18	18	30	25	5	$10 143	$14 021	108	$14 428
SELF-EMPLOYED	59	6	-	30	7	8	3	5	-	$8 818	$9 930	45	$7 947
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	127	-	14	16	11	6	18	40	22	$24 482	$29 865	119	$25 810
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	98	-	12	-	17	12	11	30	16	$23 409	$24 328	71	$30 925
SALES WORKERS, RETAIL AND PERSONAL SERVICES	211	44	50	9	31	51	13	13	-	$10 263	$10 398	92	$16 026
CASHIERS	64	19	16	4	7	5	-	13	-	$3 813	$10 781	25	$30 054
SALES RELATED OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-

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

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

MICHIGAN

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
ASIAN AND PACIFIC ISLANDER													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	691	132	88	88	142	107	86	48	-	$11 293	$11 263	355	$15 827
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	84	-	11	28	7	-	19	19	-	$13 144	$15 491	40	$20 913
COMPUTER EQUIPMENT OPERATORS	64	7	3	4	15	15	4	16	-	$15 707	$16 074	43	$19 270
SECRETARIES, STENOGRAPHERS, AND TYPISTS	6	-	6	-	-	-	-	-	-	$4 500	$4 685	-	-
SECRETARIES	6	-	6	-	-	-	-	-	-	$4 500	$4 685	-	-
RECEPTIONISTS	28	28	-	-	-	-	-	-	-	$1,000-	$858	-	-
FILE CLERKS	5	5	-	-	-	-	-	-	-	$1,000-	$465	-	-
FINANCIAL RECORDS PROCESSING OCCUPATIONS	82	-	15	33	22	10	-	2	-	$9 125	$9 763	33	$13 341
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	58	-	15	15	16	10	-	2	-	$9 750	$10 464	33	$13 341
TELEPHONE OPERATORS	6	-	-	-	-	6	-	-	-	$15 439	$18 905	6	$15 439
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	24	4	5	5	-	5	5	-	-	$9 200	$10 947	15	$16 902
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	114	12	21	9	38	26	8	-	-	$11 200	$9 929	77	$13 769
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	7	-	-	-	7	-	-	-	-	$11 000	$11 005	7	$11 000
BANK TELLERS	3	-	-	-	3	-	-	-	-	$11 000	$10 005	3	$11 000
DATA-ENTRY KEYERS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	268	76	27	9	50	45	50	11	-	$12 739	$11 130	131	$16 237
SERVICE OCCUPATIONS	1 610	262	384	484	258	56	50	104	12	$7 060	$8 969	741	$9 754
PRIVATE HOUSEHOLD OCCUPATIONS	5	5	-	-	-	-	-	-	-	$1 500	$1 725	-	-
PROTECTIVE SERVICE OCCUPATIONS	78	11	17	1	4	8	8	29	-	$18 511	$16 173	48	$23 483
FIREFIGHTING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
POLICE AND DETECTIVES, PUBLIC SERVICE	36	-	12	-	-	-	8	16	-	$23 431	$18 710	29	$25 071
GUARDS	33	11	5	-	4	-	-	13	-	$10 500	$13 379	10	$25 130
OTHER PROTECTIVE SERVICE OCCUPATIONS	9	-	-	1	-	8	-	-	-	$15 370	$16 267	9	$15 370
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	1 527	246	367	483	254	48	42	75	12	$7 003	$8 625	693	$9 481
FOOD PREPARATION AND SERVICE OCCUPATIONS	988	126	260	391	136	15	23	37	-	$6 806	$7 733	514	$8 468
WAITERS AND FOOD COUNTER WORKERS	68	5	30	25	8	-	-	-	-	$5 800	$5 598	41	$7 923
COOKS	629	45	157	296	75	8	11	37	-	$7 047	$8 660	346	$8 069
HEALTH SERVICE OCCUPATIONS	144	-	43	16	36	19	11	14	5	$11 000	$13 155	69	$11 944
NURSING AIDES, ORDERLIES, AND ATTENDANTS	103	-	14	16	24	19	11	14	5	$14 129	$16 117	57	$13 436
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	291	100	39	42	57	14	8	24	7	$6 813	$10 060	68	$13 565
PERSONAL SERVICE OCCUPATIONS	104	20	25	34	25	-	-	-	-	$7 556	$6 808	42	$9 280
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	5	-	-	-	5	-	-	-	-	$11 000	$10 645	5	$11 000
FARMING, FORESTRY, AND FISHING OCCUPATIONS	52	6	27	15	4	-	-	-	-	$5 222	$4 962	12	$8 667
FARM OPERATORS AND MANAGERS	3	-	3	-	-	-	-	-	-	$5 500	$5 705	3	$5 500
FARM OCCUPATIONS, EXCEPT MANAGERIAL	39	-	24	15	-	-	-	-	-	$5 250	$4 762	5	$8 333
RELATED AGRICULTURAL OCCUPATIONS	10	6	-	-	4	-	-	-	-	$1 833	$5 517	4	$11 000
FORESTRY AND FISHING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	1 154	72	213	113	148	110	206	284	8	$16 175	$16 411	708	$20 895
MECHANICS AND REPAIRERS	471	25	118	62	52	48	107	51	8	$12 363	$14 570	243	$17 827
AUTOMOBILE MECHANICS, INCLUDING BODY	189	16	48	22	25	16	50	4	8	$12 434	$14 291	86	$17 684
AIRCRAFT MECHANICS	13	-	-	7	-	-	-	6	-	$7 857	$15 183	13	$7 857
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER MECHANICS AND REPAIRERS	269	9	70	33	27	32	57	41	-	$12 266	$14 736	144	$17 958
CONSTRUCTION TRADES	145	9	44	11	20	10	23	28	-	$11 214	$13 402	70	$22 111
CARPENTERS	21	4	16	-	1	-	-	-	-	$2 650	$3 210	-	-
ELECTRICIANS	61	-	6	7	7	-	19	22	-	$22 237	$19 448	38	$25 520
PAINTERS, CONSTRUCTION AND MAINTENANCE	7	-	7	-	-	-	-	-	-	$3 583	$3 219	-	-
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	4	-	-	-	-	4	-	-	-	$15 439	$18 605	4	$15 439
OTHER CONSTRUCTION TRADES	52	5	15	4	12	6	4	6	-	$10 667	$11 397	28	$16 277
EXTRACTIVE OCCUPATIONS	4	-	-	-	-	-	-	4	-	$30 879	$34 005	4	$30 879
PRECISION PRODUCTION OCCUPATIONS	534	38	51	40	76	52	76	201	-	$20 518	$18 721	391	$23 002
SUPERVISORS, PRODUCTION OCCUPATIONS	159	-	4	-	17	17	24	97	-	$26 546	$25 454	140	$27 364
MANUFACTURING	119	-	4	-	8	11	11	85	-	$28 690	$27 361	109	$29 632
PRECISION METALWORKING OCCUPATIONS	156	7	37	6	6	13	32	55	-	$21 091	$17 842	88	$23 694
TOOL AND DIE MAKERS	61	7	6	-	6	2	13	27	-	$23 328	$21 836	30	$23 528
MACHINISTS	66	-	22	6	-	11	12	15	-	$16 891	$13 684	45	$17 577
SHEET METAL WORKERS	7	-	-	-	-	-	-	7	-	$25 462	$25 005	7	$25 462
OTHER PRECISION METAL WORKERS	22	-	9	-	-	-	7	6	-	$20 988	$16 961	6	$25 462
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	36	9	10	-	11	6	-	-	-	$4 833	$7 556	17	$13 565
PLANT AND SYSTEM OPERATORS	54	-	-	-	5	3	14	32	-	$25 736	$25 669	47	$26 353
OTHER PRECISION PRODUCTION OCCUPATIONS	129	22	-	34	37	13	6	17	-	$11 214	$11 693	99	$12 162

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

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MICHIGAN

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
ASIAN AND PACIFIC ISLANDER													
OPERATORS, FABRICATORS, AND LABORERS	1 934	190	280	255	426	370	231	182	-	$12 663	$13 026	874	$16 934
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	1 251	65	148	152	269	284	197	136	-	$14 791	$14 515	583	$18 082
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	687	58	98	99	127	162	97	46	-	$13 024	$12 920	344	$15 972
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	240	16	36	37	37	60	24	30	-	$14 058	$13 524	116	$15 945
PRINTING MACHINE OPERATORS	21	9	6	-	-	-	6	-	-	$3 250	$7 921	9	$1 500
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	22	-	13	4	5	-	-	-	-	$5 500	$6 077	10	$7 000
TEXTILE MACHINE OPERATORS	5	-	-	-	5	-	-	-	-	$11 000	$10 445	5	$11 000
TEXTILE SEWING MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	13	-	9	4	-	-	-	-	-	$3 722	$4 443	5	$3 500
OTHER SPECIFIED MACHINE OPERATORS	148	18	17	31	38	18	26	-	-	$11 600	$11 426	82	$15 187
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	256	15	26	27	47	84	41	16	-	$15 468	$14 215	127	$17 049
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	45	5	-	9	-	5	22	4	-	$20 348	$17 603	26	$21 333
MACHINE OPERATORS, NOT SPECIFIED	211	10	26	18	47	79	19	12	-	$15 143	$13 492	101	$15 957
INDUSTRY:													
MANUFACTURING	241	15	26	20	47	78	39	16	-	$15 490	$14 259	119	$16 998
NONDURABLE GOODS	41	5	13	2	-	15	6	-	-	$15 083	$11 322	7	$15 439
FOOD AND KINDRED PRODUCTS	-	-	-	-	-	-	-	-	-	-	-	-	-
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	6	-	6	-	-	-	-	-	-	$4 500	$4 805	-	-
PAPER AND ALLIED PRODUCTS	10	-	-	2	-	8	-	-	-	$15 306	$16 399	-	-
OTHER NONDURABLE GOODS	25	5	7	-	-	7	6	-	-	$15 220	$10 855	7	$15 439
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	200	10	13	18	47	63	33	16	-	$15 603	$14 861	112	$17 078
METAL INDUSTRIES	44	-	-	5	12	22	5	-	-	$15 533	$15 878	28	$16 376
MACHINERY, INCLUDING ELECTRICAL	37	-	8	13	8	8	-	-	-	$7 615	$9 032	21	$10 625
TRANSPORTATION EQUIPMENT	68	5	5	-	-	19	23	16	-	$20 699	$19 019	31	$25 023
OTHER DURABLE GOODS	51	5	-	-	27	14	5	-	-	$13 225	$12 670	32	$15 566
NONMANUFACTURING INDUSTRIES	15	-	-	7	-	6	2	-	-	$15 202	$13 498	8	$17 321
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	7	-	-	7	-	-	-	-	-	$9 000	$9 205	-	-
WHOLESALE AND RETAIL TRADE	6	-	-	-	-	6	-	-	-	$15 439	$16 005	6	$15 439
ALL OTHER INDUSTRIES	2	-	-	-	-	-	2	-	-	$20 453	$21 005	2	$20 453
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	423	-	28	41	102	112	78	62	-	$16 343	$16 835	179	$19 844
WELDERS AND CUTTERS	108	-	12	9	15	35	15	22	-	$16 986	$16 818	36	$17 127
ASSEMBLERS	315	-	16	32	87	77	63	40	-	$16 069	$16 841	143	$20 736
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	141	7	22	12	40	10	22	28	-	$13 305	$15 330	60	$24 345
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	238	25	32	41	64	41	11	24	-	$12 142	$12 631	148	$14 026
MOTOR VEHICLE OPERATORS	100	16	32	19	8	6	11	8	-	$6 571	$9 777	48	$15 656
TRUCK DRIVERS AND DRIVER-SALES WORKERS	54	12	9	19	8	6	-	-	-	$7 714	$7 498	22	$9 667
BUS DRIVERS	8	-	-	-	-	-	-	8	-	$25 462	$28 885	8	$25 462
RAIL AND WATER TRANSPORTATION OCCUPATIONS	15	-	-	-	-	10	-	5	-	$17 985	$22 898	15	$17 985
MATERIAL MOVING EQUIPMENT OPERATORS	123	9	-	22	56	25	-	11	-	$12 783	$13 698	85	$12 952
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	445	100	100	62	93	45	23	22	-	$7 154	$9 050	143	$15 186
CONSTRUCTION LABORERS	24	-	4	-	-	2	8	10	-	$23 328	$20 535	18	$25 076
FREIGHT, STOCK, AND MATERIAL HANDLERS	139	45	33	5	26	16	8	6	-	$3 719	$7 984	36	$16 734
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	39	4	28	7	-	-	-	-	-	$5 457	$4 742	17	$5 850
HAND PACKERS AND PACKAGERS	20	-	5	-	7	8	-	-	-	$13 858	$11 750	13	$15 140
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	103	36	6	31	10	13	7	-	-	$6 950	$7 743	32	$13 606
LABORERS, EXCEPT CONSTRUCTION	120	15	24	19	50	6	-	6	-	$10 160	$10 060	27	$11 727
MANUFACTURING	64	8	19	14	11	6	-	6	-	$7 429	$10 118	19	$16 527
NONDURABLE GOODS	13	-	6	7	-	-	-	-	-	$6 143	$5 453	-	-
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	51	8	13	7	11	6	-	6	-	$9 286	$11 307	19	$16 527
METAL INDUSTRIES	23	-	4	7	-	6	-	6	-	$15 267	$18 213	16	$17 749
NONMANUFACTURING INDUSTRIES	56	7	5	5	39	-	-	-	-	$11 571	$9 994	8	$11 000
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	36	-	-	5	31	-	-	-	-	$12 135	$11 875	-	-
ALL OTHER INDUSTRIES	20	7	5	-	8	-	-	-	-	$5 600	$6 608	8	$11 000
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	2	-	2	-	-	-	-	-	-	$4 500	$4 005	-	-

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

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

MICHIGAN

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
ASIAN AND PACIFIC ISLANDER													
FEMALE EXPERIENCED CIVILIAN LABOR FORCE	10 549	1 304	2 354	1 874	1 837	1 665	757	608	150	$9 368	$11 392	4 485	$14 753
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	3 944	255	419	355	714	1 035	564	457	145	$15 765	$17 155	1 997	$18 305
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	481	43	70	71	135	60	62	40	-	$12 308	$12 479	295	$14 511
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	-	-	-	-	-	-	-	-	-	-	-	-	-
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	4	-	-	-	4	-	-	-	-	$12 272	$14 135	-	-
MANAGERS, MEDICINE AND HEALTH	25	-	4	6	-	-	4	11	-	$22 803	$19 219	19	$9 833
OTHER SPECIFIED MANAGERS	33	5	5	7	16	-	-	-	-	$9 000	$6 666	20	$12 138
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	143	19	24	17	50	16	4	13	-	$12 157	$11 259	81	$13 335
MANUFACTURING	16	-	-	-	6	3	-	7	-	$17 958	$20 974	7	$25 462
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	2	-	-	-	2	-	-	-	-	$11 000	$10 405	2	$11 000
WHOLESALE AND RETAIL TRADE	68	-	19	11	19	13	-	6	-	$12 437	$11 865	41	$14 101
ALL OTHER INDUSTRIES	57	19	5	6	23	-	4	-	-	$7 500	$7 839	31	$12 501
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	40	2	5	9	13	-	7	4	-	$10 727	$12 312	26	$11 273
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING	7	-	-	-	-	-	7	-	-	$20 453	$20 505	7	$20 453
WHOLESALE AND RETAIL TRADE	33	2	5	9	13	-	-	4	-	$10 091	$10 574	19	$10 636
ALL OTHER INDUSTRIES	-	-	-	-	-	-	-	-	-	-	-	-	-
MANAGEMENT RELATED OCCUPATIONS	236	17	32	32	52	44	47	12	-	$13 273	$13 318	149	$17 372
ACCOUNTANTS AND AUDITORS	152	12	15	17	22	31	43	12	-	$16 242	$14 746	101	$20 252
BUYERS AND PURCHASING AGENTS	11	-	-	11	-	-	-	-	-	$9 000	$8 178	11	$9 000
PROFESSIONAL SPECIALTY OCCUPATIONS	3 463	212	349	284	579	975	502	417	145	$16 125	$17 804	1 702	$18 765
ENGINEERS, ARCHITECTS, AND SURVEYORS	70	-	10	6	-	5	19	30	-	$23 307	$21 255	48	$25 000
ARCHITECTS	-	-	-	-	-	-	-	-	-	-	-	-	-
ENGINEERS	70	-	10	6	-	5	19	30	-	$23 307	$21 255	48	$25 000
ELECTRICAL AND ELECTRONIC ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-	-
MECHANICAL ENGINEERS	35	-	-	6	-	-	5	24	-	$26 345	$24 372	23	$27 649
OTHER ENGINEERS	35	-	10	-	-	5	14	6	-	$20 501	$18 139	25	$21 820
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	38	13	7	6	-	6	6	-	-	$4 857	$7 796	12	$20 000
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	7	7	-	-	-	-	-	-	-	$1,000-	$505	-	-
NATURAL SCIENTISTS	93	2	6	-	17	23	-	36	9	$19 548	$25 216	76	$25 169
HEALTH DIAGNOSING OCCUPATIONS	597	4	34	18	44	149	37	181	130	$26 396	$32 558	328	$31 145
PHYSICIANS	597	4	34	18	44	149	37	181	130	$26 396	$32 558	328	$31 145
DENTISTS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER HEALTH DIAGNOSING PRACTITIONERS	-	-	-	-	-	-	-	-	-	-	-	-	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	1 755	50	126	167	341	574	365	126	6	$16 163	$15 820	961	$17 911
REGISTERED NURSES	1 564	45	89	150	315	523	335	101	6	$16 208	$15 971	873	$17 872
PHARMACISTS	29	-	13	-	2	6	8	-	-	$14 146	$11 355	14	$13 310
THERAPISTS	75	5	12	12	5	17	5	19	-	$15 737	$14 916	41	$19 327
TEACHERS, LIBRARIANS, AND COUNSELORS	697	110	140	62	110	176	69	30	-	$12 079	$11 504	186	$16 329
TEACHERS, POSTSECONDARY	175	17	58	23	36	25	5	11	-	$8 091	$10 518	55	$15 974
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	315	30	69	34	20	102	48	12	-	$15 123	$12 639	72	$18 342
TEACHERS, SECONDARY	63	18	-	-	26	19	-	-	-	$13 160	$11 381	22	$13 517
SOCIAL SCIENTISTS AND URBAN PLANNERS	42	-	-	-	13	15	-	14	-	$17 040	$19 005	19	$25 269
SOCIAL AND RECREATION WORKERS	63	-	-	9	27	27	-	-	-	$11 800	$13 052	33	$15 320
RELIGIOUS WORKERS	-	-	-	-	-	-	-	-	-	-	-	-	-
LAWYERS AND JUDGES	-	-	-	-	-	-	-	-	-	-	-	-	-
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	108	33	26	16	27	-	6	-	-	$5 375	$6 355	39	$10 929
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	3 182	449	762	723	671	376	130	71	-	$8 051	$8 786	1 413	$12 450
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	680	44	78	97	156	181	74	50	-	$13 106	$13 607	380	$16 984
HEALTH TECHNOLOGISTS AND TECHNICIANS	449	18	49	50	107	150	55	20	-	$15 009	$13 905	257	$17 076
LICENSED PRACTICAL NURSES	76	3	11	13	32	12	-	5	-	$11 294	$11 548	29	$15 572
ENGINEERING AND SCIENCE TECHNICIANS	88	6	19	14	21	16	7	5	-	$10 667	$11 892	42	$15 000
ELECTRICAL AND ELECTRONIC TECHNICIANS	-	-	-	-	-	-	-	-	-	-	-	-	-
DRAFTING AND SURVEYING TECHNICIANS	29	-	-	14	15	-	-	-	-	$10 111	$9 946	15	$11 667
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	143	20	10	33	28	15	12	25	-	$10 850	$13 727	81	$18 529
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	68	11	-	11	10	11	12	13	-	$15 692	$15 826	40	$21 582
SALES OCCUPATIONS	672	149	277	119	64	49	12	2	-	$5 043	$5 780	210	$9 375
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	75	-	20	12	12	19	12	-	-	$11 571	$11 471	44	$16 643
SELF-EMPLOYED	25	-	8	5	-	-	12	-	-	$7 800	$12 336	12	$20 453
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	62	12	25	3	9	13	-	-	-	$5 250	$7 194	13	$11 444
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	8	6	-	-	-	-	-	2	-	$1,000-	$3 898	-	-
SALES WORKERS, RETAIL AND PERSONAL SERVICES	521	125	232	104	43	17	-	-	-	$4 394	$4 887	153	$7 970
CASHIERS	240	70	93	49	19	9	-	-	-	$3 857	$4 671	63	$7 409
SALES RELATED OCCUPATIONS	6	6	-	-	-	-	-	-	-	$1,000-	$145	-	-

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

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

MICHIGAN

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS		MEDIAN TOTAL EARNINGS
ASIAN AND PACIFIC ISLANDER													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	1 830	256	407	507	451	146	44	19	-	$7 946	$8 098	823	$11 570
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	61	5	-	18	15	16	-	7	-	$11 500	$12 361	50	$13 646
COMPUTER EQUIPMENT OPERATORS	74	-	25	20	16	9	4	-	-	$8 769	$9 695	42	$13 127
SECRETARIES, STENOGRAPHERS, AND TYPISTS	539	73	98	173	118	60	17	-	-	$8 065	$8 412	236	$11 677
SECRETARIES	410	48	45	143	112	45	17	-	-	$9 046	$9 257	193	$11 710
RECEPTIONISTS	68	9	27	11	21	-	-	-	-	$5 714	$6 136	28	$10 667
FILE CLERKS	32	-	7	4	9	12	-	-	-	$13 374	$12 730	20	$9 500
FINANCIAL RECORDS PROCESSING OCCUPATIONS	225	19	87	49	40	17	6	7	-	$6 650	$7 766	76	$12 477
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	190	19	73	41	34	17	6	-	-	$6 500	$7 343	63	$11 923
TELEPHONE OPERATORS	4	-	4	-	-	-	-	-	-	$3 500	$3 005	4	$3 500
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	28	6	-	-	22	-	-	-	-	$11 333	$9 841	14	$11 556
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	26	6	-	13	7	-	-	-	-	$8 500	$7 225	12	$10 500
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	18	-	-	-	18	-	-	-	-	$12 000	$11 559	14	$11 556
BANK TELLERS	47	-	21	19	4	3	-	-	-	$6 714	$7 143	13	$10 250
DATA-ENTRY KEYERS	192	32	46	62	48	4	-	-	-	$7 200	$6 668	80	$11 043
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	516	106	92	138	133	25	17	5	-	$7 519	$7 641	234	$11 565
SERVICE OCCUPATIONS	2 052	447	865	414	207	54	32	28	5	$4 568	$5 797	575	$8 654
PRIVATE HOUSEHOLD OCCUPATIONS	47	23	19	5	-	-	-	-	-	$2 045	$2 588	11	$5 917
PROTECTIVE SERVICE OCCUPATIONS	14	-	7	-	-	-	7	-	-	$12 000	$12 345	7	$20 453
FIREFIGHTING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
POLICE AND DETECTIVES, PUBLIC SERVICE	7	-	-	-	-	-	7	-	-	$20 453	$21 685	7	$20 453
GUARDS	7	-	7	-	-	-	-	-	-	$3 500	$3 005	-	-
OTHER PROTECTIVE SERVICE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	1 991	424	839	409	207	54	25	28	5	$4 658	$5 827	557	$8 704
FOOD PREPARATION AND SERVICE OCCUPATIONS	1 051	228	595	143	55	14	6	10	-	$3 782	$4 575	239	$7 000
WAITERS AND FOOD COUNTER WORKERS	550	132	322	68	15	9	-	4	-	$3 565	$4 143	129	$5 712
COOKS	174	14	99	36	20	5	-	-	-	$5 422	$5 741	49	$9 308
HEALTH SERVICE OCCUPATIONS	558	65	123	172	132	40	15	6	5	$8 180	$8 662	240	$10 388
NURSING AIDES, ORDERLIES, AND ATTENDANTS	440	59	85	129	119	28	15	-	5	$8 605	$8 730	179	$10 576
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	152	42	51	40	13	-	-	6	-	$3 818	$5 703	44	$7 600
PERSONAL SERVICE OCCUPATIONS	230	89	70	54	7	-	4	6	-	$3 552	$4 750	34	$6 889
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	72	13	30	16	7	-	-	6	-	$5 682	$7 637	6	$3 500
FARMING, FORESTRY, AND FISHING OCCUPATIONS	41	24	2	12	2	1	-	-	-	$1 806	$4 223	9	$9 500
FARM OPERATORS AND MANAGERS	2	-	-	-	2	-	-	-	-	$12 272	$13 140	2	$12 272
FARM OCCUPATIONS, EXCEPT MANAGERIAL	20	18	2	-	-	-	-	-	-	$1 556	$1 703	-	-
RELATED AGRICULTURAL OCCUPATIONS	19	6	-	12	-	1	-	-	-	$7 167	$5 938	7	$9 167
FORESTRY AND FISHING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	162	18	49	34	18	27	10	6	-	$6 933	$9 355	65	$15 683
MECHANICS AND REPAIRERS	21	-	-	7	-	14	-	-	-	$15 192	$12 885	21	$15 192
AUTOMOBILE MECHANICS, INCLUDING BODY	-	-	-	-	-	-	-	-	-	-	-	-	-
AIRCRAFT MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER MECHANICS AND REPAIRERS	21	-	-	7	-	14	-	-	-	$15 192	$12 885	21	$15 192
CONSTRUCTION TRADES	16	5	5	-	-	-	-	6	-	$3 600	$12 401	6	$25 462
CARPENTERS	-	-	-	-	-	-	-	-	-	-	-	-	-
ELECTRICIANS	11	-	5	-	-	-	-	6	-	$25 063	$17 672	6	$25 462
PAINTERS, CONSTRUCTION AND MAINTENANCE	5	5	-	-	-	-	-	-	-	$1,000-	$805	-	-
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER CONSTRUCTION TRADES	-	-	-	-	-	-	-	-	-	-	-	-	-
EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	125	13	44	27	18	13	10	-	-	$6 478	$8 373	38	$15 000
SUPERVISORS, PRODUCTION OCCUPATIONS	20	-	-	5	3	6	6	-	-	$16 179	$14 774	15	$18 231
MANUFACTURING	14	-	-	5	3	-	6	-	-	$13 780	$14 675	9	$20 198
PRECISION METALWORKING OCCUPATIONS	4	-	-	-	-	-	4	-	-	$20 453	$21 005	-	-
TOOL AND DIE MAKERS	-	-	-	-	-	-	-	-	-	-	-	-	-
MACHINISTS	4	-	-	-	-	-	4	-	-	$20 453	$21 005	-	-
SHEET METAL WORKERS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER PRECISION METAL WORKERS	-	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	56	12	24	14	6	-	-	-	-	$4 529	$4 928	2	$9 000
PLANT AND SYSTEM OPERATORS	5	-	-	-	5	-	-	-	-	$11 000	$10 505	5	$11 000
OTHER PRECISION PRODUCTION OCCUPATIONS	40	1	20	8	4	7	-	-	-	$5 929	$8 464	16	$9 000

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

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MICHIGAN

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
ASIAN AND PACIFIC ISLANDER													
OPERATORS, FABRICATORS, AND LABORERS	1 168	111	257	336	225	172	21	46	-	$8 080	$9 394	426	$12 000
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	1 033	87	205	317	206	166	13	39	-	$8 318	$9 545	379	$11 457
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	517	53	103	139	89	92	8	33	-	$8 741	$9 984	198	$11 238
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	58	12	8	13	11	14	-	-	-	$9 385	$9 003	19	$9 462
PRINTING MACHINE OPERATORS	11	4	-	-	4	-	-	3	-	$12 787	$14 171	7	$14 403
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	263	20	70	58	28	61	8	18	-	$8 429	$10 347	89	$15 421
TEXTILE MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
TEXTILE SEWING MACHINE OPERATORS	210	11	45	47	26	55	8	18	-	$10 667	$11 612	73	$15 835
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	42	7	18	11	-	6	-	-	-	$5 000	$5 645	16	$6 667
OTHER SPECIFIED MACHINE OPERATORS	78	-	18	33	14	5	-	8	-	$7 750	$9 404	40	$11 000
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	107	17	7	35	32	12	-	4	-	$9 267	$9 614	43	$10 143
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	13	-	-	13	-	-	-	-	-	$8 143	$7 766	7	$9 000
MACHINE OPERATORS, NOT SPECIFIED	94	17	7	22	32	12	-	4	-	$10 095	$9 870	36	$11 143
INDUSTRY:													
MANUFACTURING	101	17	7	29	32	12	-	4	-	$9 667	$9 740	37	$11 000
NONDURABLE GOODS	36	8	5	10	13	-	-	-	-	$8 750	$7 238	15	$9 875
FOOD AND KINDRED PRODUCTS	6	-	-	-	6	-	-	-	-	$11 000	$10 005	-	-
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	-	-	-	-	-	-	-	-	-	-	-	-	-
PAPER AND ALLIED PRODUCTS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER NONDURABLE GOODS	30	8	5	10	7	-	-	-	-	$8 000	$6 684	15	$9 875
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	65	9	2	19	19	12	-	4	-	$10 625	$11 125	22	$12 645
METAL INDUSTRIES	23	3	-	12	8	-	-	-	-	$7 417	$7 253	-	-
MACHINERY, INCLUDING ELECTRICAL	12	6	-	-	6	-	-	-	-	$6 500	$7 090	6	$12 272
TRANSPORTATION EQUIPMENT	30	-	2	7	5	12	-	4	-	$15 202	$15 708	16	$12 395
OTHER DURABLE GOODS	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING INDUSTRIES	6	-	-	6	-	-	-	-	-	$7 000	$7 505	6	$7 000
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER INDUSTRIES	6	-	-	6	-	-	-	-	-	$7 000	$7 505	6	$7 000
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	414	26	102	127	90	58	5	6	-	$7 859	$8 967	133	$9 435
WELDERS AND CUTTERS	32	-	6	14	-	6	-	6	-	$8 400	$12 794	20	$8 400
ASSEMBLERS	382	26	96	113	90	52	5	-	-	$7 816	$8 647	113	$9 722
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	102	8	-	51	27	16	-	-	-	$8 400	$9 666	48	$13 416
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	3	1	2	-	-	-	-	-	-	$2 250	$1 672	-	-
MOTOR VEHICLE OPERATORS	3	1	2	-	-	-	-	-	-	$2 250	$1 672	-	-
TRUCK DRIVERS AND DRIVER-SALES WORKERS	-	-	-	-	-	-	-	-	-	-	-	-	-
BUS DRIVERS	3	1	2	-	-	-	-	-	-	$2 250	$1 672	-	-
RAIL AND WATER TRANSPORTATION OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	132	23	50	19	19	6	8	7	-	$5 611	$8 384	47	$14 190
CONSTRUCTION LABORERS	-	-	-	-	-	-	-	-	-	-	-	-	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	23	6	14	3	-	-	-	-	-	$2 458	$2 931	3	$9 000
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
HAND PACKERS AND PACKAGERS	38	-	16	9	7	6	-	-	-	$8 286	$8 533	13	$14 657
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	33	17	14	2	-	-	-	-	-	$1 900	$3 074	2	$7 000
LABORERS, EXCEPT CONSTRUCTION	38	-	6	5	12	-	8	7	-	$13 713	$16 145	29	$20 200
MANUFACTURING	33	-	6	-	12	-	8	7	-	$14 467	$17 345	24	$21 350
NONDURABLE GOODS	-	-	-	-	-	-	-	-	-	-	-	-	-
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	33	-	6	-	12	-	8	7	-	$14 467	$17 345	24	$21 350
METAL INDUSTRIES	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING INDUSTRIES	5	-	-	5	-	-	-	-	-	$9 000	$8 225	5	$9 000
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	5	-	-	5	-	-	-	-	-	$9 000	$8 225	5	$9 000
ALL OTHER INDUSTRIES	-	-	-	-	-	-	-	-	-	-	-	-	-
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	-	-	-	-	-	-	-	-	-	-	-	-	-

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

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

MICHIGAN

SPANISH ORIGIN	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
MALE EXPERIENCED CIVILIAN LABOR FORCE	34 379	3 071	4 447	3 946	5 963	6 857	5 135	4 402	558	$14 760	$15 600	18 593	$18 288
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	3 965	158	319	288	483	605	637	1 063	412	$20 802	$27 268	2 788	$23 712
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	1 690	56	103	137	276	296	250	464	108	$19 490	$23 222	1 340	$21 863
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	57	8	-	-	19	7	3	20	-	$15 857	$20 373	48	$18 793
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	72	-	5	11	-	7	9	40	-	$25 530	$22 614	32	$27 427
MANAGERS, MEDICINE AND HEALTH	7	-	-	-	2	-	-	5	-	$25 249	$22 784	7	$25 249
OTHER SPECIFIED MANAGERS	215	-	6	18	37	12	69	56	17	$21 957	$26 371	169	$22 881
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	794	42	47	64	68	172	97	223	81	$20 162	$25 410	650	$23 227
MANUFACTURING	191	6	5	-	4	18	21	82	55	$31 595	$44 399	191	$31 595
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	55	-	-	-	-	16	5	34	-	$27 937	$27 245	49	$29 678
WHOLESALE AND RETAIL TRADE	242	15	12	44	58	67	26	14	6	$14 278	$14 657	198	$15 403
ALL OTHER INDUSTRIES	306	21	30	20	6	71	45	93	20	$20 433	$21 731	212	$24 852
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	82	6	9	2	13	9	8	30	5	$21 060	$22 224	74	$23 539
CONSTRUCTION	6	6	-	-	-	-	-	-	-	$1 500	$1 205	-	-
MANUFACTURING	7	-	7	-	-	-	-	-	-	$2 500	$2 105	7	$2 500
WHOLESALE AND RETAIL TRADE	29	-	-	2	9	2	-	11	5	$27 257	$29 852	27	$29 022
ALL OTHER INDUSTRIES	40	-	2	-	4	7	8	19	-	$24 199	$23 367	40	$24 199
MANAGEMENT RELATED OCCUPATIONS	463	-	36	42	137	89	64	90	5	$15 683	$18 637	360	$17 997
ACCOUNTANTS AND AUDITORS	200	-	9	31	47	27	32	54	-	$17 061	$19 496	161	$20 644
BUYERS AND PURCHASING AGENTS	69	-	-	8	15	14	2	25	5	$18 842	$27 421	61	$23 611
PROFESSIONAL SPECIALTY OCCUPATIONS	2 275	102	216	151	207	309	387	599	304	$21 638	$30 273	1 448	$25 652
ENGINEERS, ARCHITECTS, AND SURVEYORS	514	-	27	19	33	48	108	269	10	$25 836	$25 608	421	$27 500
ARCHITECTS	66	-	6	13	-	10	8	29	-	$22 210	$19 508	42	$26 724
ENGINEERS	435	-	21	6	25	33	100	240	10	$26 575	$26 925	366	$28 082
ELECTRICAL AND ELECTRONIC ENGINEERS	55	-	-	-	5	-	16	34	-	$26 114	$26 061	55	$26 114
MECHANICAL ENGINEERS	155	-	-	6	12	13	34	86	4	$27 185	$27 306	129	$30 024
OTHER ENGINEERS	225	-	21	-	8	20	50	120	6	$26 390	$26 873	182	$27 915
SURVEYORS AND MAPPING SCIENTISTS	13	-	-	-	8	5	-	-	-	$11 625	$12 505	13	$11 625
MATHEMATICAL AND COMPUTER SCIENTISTS	72	-	-	6	5	28	24	9	-	$19 202	$20 132	60	$20 330
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	46	-	-	6	-	15	18	7	-	$20 294	$21 408	40	$20 798
NATURAL SCIENTISTS	63	-	-	-	16	10	6	18	13	$24 501	$35 239	54	$25 409
HEALTH DIAGNOSING OCCUPATIONS	416	-	9	11	-	46	27	79	244	$64 554	$73 547	300	$66 013
PHYSICIANS	392	-	9	11	-	40	16	79	237	$66 330	$75 446	289	$68 379
DENTISTS	18	-	-	-	-	-	11	-	7	$23 559	$50 697	5	$20 453
OTHER HEALTH DIAGNOSING PRACTITIONERS	6	-	-	-	-	6	-	-	-	$15 439	$18 005	6	$15 439
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	127	6	16	-	12	30	25	38	-	$19 884	$20 035	89	$23 317
REGISTERED NURSES	33	6	-	-	-	12	-	15	-	$19 088	$22 711	27	$30 570
PHARMACISTS	7	-	-	-	-	-	7	-	-	$20 453	$23 715	7	$20 453
THERAPISTS	36	-	10	-	5	10	-	11	-	$16 065	$16 221	25	$18 894
TEACHERS, LIBRARIANS, AND COUNSELORS	512	40	62	44	64	55	148	99	-	$19 002	$17 079	210	$21 831
TEACHERS, POSTSECONDARY	227	11	47	20	-	24	69	56	-	$20 544	$18 378	106	$24 234
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	142	18	3	19	35	20	34	13	-	$14 242	$14 303	56	$14 673
TEACHERS, SECONDARY	86	11	-	2	22	11	27	13	-	$18 359	$16 648	26	$20 709
SOCIAL SCIENTISTS AND URBAN PLANNERS	84	5	29	17	7	6	-	20	-	$8 941	$12 907	41	$19 466
SOCIAL AND RECREATION WORKERS	113	18	13	12	11	42	17	-	-	$15 151	$12 405	69	$15 577
RELIGIOUS WORKERS	74	7	13	6	35	8	5	-	-	$12 187	$10 851	52	$12 305
LAWYERS AND JUDGES	88	7	9	7	-	7	-	34	24	$27 210	$36 210	63	$30 476
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	212	19	38	29	24	29	27	33	13	$13 552	$17 356	89	$18 906
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	3 894	303	621	481	645	690	587	511	56	$14 111	$14 923	2 317	$18 180
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	688	24	104	91	141	91	128	109	-	$14 254	$15 398	444	$20 188
HEALTH TECHNOLOGISTS AND TECHNICIANS	104	-	14	5	31	22	27	5	-	$15 314	$15 305	72	$18 538
LICENSED PRACTICAL NURSES	-	-	-	-	-	-	-	-	-	-	-	-	-
ENGINEERING AND SCIENCE TECHNICIANS	357	7	47	68	69	43	49	74	-	$14 039	$15 952	232	$20 521
ELECTRICAL AND ELECTRONIC TECHNICIANS	20	-	-	-	13	1	-	6	-	$13 190	$16 305	20	$13 190
DRAFTING AND SURVEYING TECHNICIANS	224	7	36	61	19	30	16	55	-	$13 121	$15 559	128	$21 899
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	227	17	43	18	41	26	52	30	-	$13 235	$14 568	140	$20 277
AIRPLANE PILOTS AND NAVIGATORS	13	-	-	-	-	8	5	-	-	$18 481	$19 697	-	-
COMPUTER PROGRAMMERS	70	11	-	-	12	5	30	12	-	$20 660	$17 809	50	$21 757
SALES OCCUPATIONS	1 365	129	318	179	171	226	126	182	34	$12 189	$14 459	776	$17 680
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	366	14	83	31	54	68	24	84	8	$15 051	$17 649	262	$17 497
SELF-EMPLOYED	83	7	39	9	7	17	-	4	-	$5 654	$8 521	57	$5 962
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	217	-	7	38	38	44	46	32	12	$17 472	$20 477	164	$20 000
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	137	-	19	9	10	35	32	32	-	$19 124	$19 261	104	$20 617
SALES WORKERS, RETAIL AND PERSONAL SERVICES	641	115	209	101	69	75	24	34	14	$5 917	$9 552	242	$15 584
CASHIERS	212	50	78	60	12	12	-	-	-	$4 250	$5 206	44	$7 692
SALES RELATED OCCUPATIONS	4	-	-	-	-	4	-	-	-	$15 439	$18 005	4	$15 439

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

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MICHIGAN

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
SPANISH ORIGIN													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	1 841	150	199	211	333	373	333	220	22	$15 256	$15 090	1 097	$17 912
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	143	-	17	17	37	2	25	45	-	$16 106	$17 013	100	$23 704
COMPUTER EQUIPMENT OPERATORS	50	7	5	-	14	16	-	8	-	$14 532	$12 926	20	$15 446
SECRETARIES, STENOGRAPHERS, AND TYPISTS	89	6	8	13	18	5	21	8	10	$14 437	$20 156	62	$21 370
SECRETARIES	36	-	2	6	15	5	-	8	-	$11 333	$15 686	28	$11 867
RECEPTIONISTS	10	5	-	5	-	-	-	-	-	$3 500	$3 490	-	-
FILE CLERKS	44	2	-	3	5	9	15	10	-	$20 632	$19 455	25	$22 487
FINANCIAL RECORDS PROCESSING OCCUPATIONS	81	6	7	11	29	14	-	11	3	$13 075	$14 761	65	$14 102
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	69	6	7	11	20	14	-	11	-	$13 274	$13 110	56	$14 368
TELEPHONE OPERATORS	6	6	-	-	-	-	-	-	-	$1 500	$1 005	-	-
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	202	35	16	7	31	60	25	19	9	$15 654	$15 515	103	$17 102
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	501	18	73	57	74	138	107	34	-	$15 697	$14 381	311	$16 715
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	18	-	-	11	7	-	-	-	-	$9 636	$9 949	7	$12 272
BANK TELLERS	12	-	6	-	6	-	-	-	-	$8 000	$8 005	-	-
DATA-ENTRY KEYERS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	685	65	67	87	112	129	140	85	-	$15 318	$14 893	404	$18 952
SERVICE OCCUPATIONS	3 915	882	903	589	579	448	290	219	5	$7 386	$9 442	1 768	$13 743
PRIVATE HOUSEHOLD OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
PROTECTIVE SERVICE OCCUPATIONS	690	83	73	86	81	109	139	119	-	$15 776	$15 124	421	$20 202
FIREFIGHTING OCCUPATIONS	70	-	-	6	7	5	22	30	-	$23 484	$22 262	56	$25 346
POLICE AND DETECTIVES, PUBLIC SERVICE	230	-	14	15	24	49	78	50	-	$20 515	$19 562	172	$20 724
GUARDS	327	76	59	59	44	33	35	21	-	$7 583	$9 786	136	$15 867
OTHER PROTECTIVE SERVICE OCCUPATIONS	63	7	-	6	6	22	4	18	-	$17 232	$18 702	57	$17 963
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	3 225	799	830	503	498	339	151	100	5	$5 870	$8 227	1 347	$12 039
FOOD PREPARATION AND SERVICE OCCUPATIONS	1 170	457	427	117	98	61	5	5	-	$2 634	$4 413	318	$8 519
WAITERS AND FOOD COUNTER WORKERS	93	29	36	17	11	-	-	-	-	$3 250	$4 738	23	$8 167
COOKS	415	122	193	44	34	22	-	-	-	$2 737	$4 198	122	$8 333
HEALTH SERVICE OCCUPATIONS	191	16	49	56	34	18	6	7	5	$7 968	$13 575	83	$12 809
NURSING AIDES, ORDERLIES, AND ATTENDANTS	144	6	32	46	28	18	2	7	5	$8 857	$15 869	63	$13 022
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	1 660	300	297	315	340	233	125	50	-	$9 188	$9 618	828	$13 029
PERSONAL SERVICE OCCUPATIONS	204	26	57	15	26	27	15	38	-	$10 381	$13 768	118	$15 766
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	107	-	25	7	22	18	8	27	-	$14 655	$18 329	75	$15 473
FARMING, FORESTRY, AND FISHING OCCUPATIONS	912	208	306	252	111	28	5	2	-	$5 318	$5 692	279	$8 850
FARM OPERATORS AND MANAGERS	44	6	24	8	2	-	2	2	-	$4 143	$5 789	32	$2 833
FARM OCCUPATIONS, EXCEPT MANAGERIAL	612	139	210	174	69	17	3	-	-	$5 218	$5 452	193	$8 325
RELATED AGRICULTURAL OCCUPATIONS	232	52	68	63	38	11	-	-	-	$5 857	$6 472	54	$12 285
FORESTRY AND FISHING OCCUPATIONS	24	11	4	7	2	-	-	-	-	$3 250	$4 098	-	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	6 165	301	595	525	974	1 177	1 061	1 475	57	$17 511	$17 899	3 908	$20 784
MECHANICS AND REPAIRERS	2 355	87	189	171	402	439	432	610	25	$18 421	$18 539	1 570	$21 003
AUTOMOBILE MECHANICS, INCLUDING BODY	595	49	106	55	113	143	49	80	-	$13 987	$13 366	353	$16 098
AIRCRAFT MECHANICS	9	-	3	-	-	-	-	6	-	$25 202	$17 842	6	$25 462
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	51	-	-	18	-	8	7	18	-	$19 594	$18 216	22	$21 615
OTHER MECHANICS AND REPAIRERS	1 700	38	80	98	289	288	376	506	25	$20 548	$20 364	1 189	$22 280
CONSTRUCTION TRADES	1 785	154	236	197	289	368	248	273	20	$15 153	$15 430	823	$19 249
CARPENTERS	375	74	64	71	32	88	32	14	-	$8 208	$10 191	95	$16 242
ELECTRICIANS	356	23	24	12	49	57	54	137	-	$20 969	$20 003	274	$21 165
PAINTERS, CONSTRUCTION AND MAINTENANCE	179	15	35	23	32	40	25	9	-	$12 217	$12 353	66	$15 495
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	152	2	2	8	13	44	27	47	9	$21 025	$25 167	129	$20 332
OTHER CONSTRUCTION TRADES	723	40	111	83	163	139	110	66	11	$13 695	$14 611	259	$20 678
EXTRACTIVE OCCUPATIONS	4	2	-	-	-	-	2	-	-	$10 500	$10 600	2	$20 453
PRECISION PRODUCTION OCCUPATIONS	2 021	58	170	157	283	370	379	592	12	$19 509	$19 349	1 513	$21 371
SUPERVISORS, PRODUCTION OCCUPATIONS	838	-	32	38	87	156	171	348	6	$22 724	$23 061	707	$23 734
MANUFACTURING	705	-	24	13	71	124	154	313	6	$23 625	$23 946	616	$24 645
PRECISION METALWORKING OCCUPATIONS	699	15	70	43	95	156	134	186	-	$18 762	$18 352	487	$20 716
TOOL AND DIE MAKERS	300	10	16	-	36	53	69	116	-	$22 109	$21 197	222	$23 988
MACHINISTS	248	5	43	30	48	70	29	23	-	$14 805	$14 839	182	$15 622
SHEET METAL WORKERS	37	-	-	-	-	6	15	16	-	$23 805	$22 662	18	$26 544
OTHER PRECISION METAL WORKERS	114	-	11	13	11	27	21	31	-	$18 776	$17 106	65	$24 496
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	34	9	-	10	13	-	-	2	-	$9 429	$8 013	22	$10 615
PLANT AND SYSTEM OPERATORS	40	-	-	-	2	13	7	18	-	$23 273	$22 846	40	$23 273
OTHER PRECISION PRODUCTION OCCUPATIONS	410	34	68	66	86	45	67	38	6	$11 850	$14 060	257	$16 215

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MICHIGAN

SPANISH ORIGIN	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
OPERATORS, FABRICATORS, AND LABORERS	15 470	1 219	1 678	1 786	3 171	3 901	2 555	1 132	28	$14 773	$14 039	7 522	$17 259
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	9 898	479	816	985	2 146	2 872	1 871	712	17	$15 594	$15 112	5 147	$17 439
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	5 020	275	510	572	1 106	1 312	997	244	4	$15 112	$14 295	2 746	$17 055
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	1 540	62	134	136	344	439	307	118	-	$15 717	$15 207	866	$17 863
PRINTING MACHINE OPERATORS	126	23	35	10	34	17	2	5	-	$9 000	$8 892	64	$13 142
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	64	3	16	18	18	9	-	-	-	$7 625	$8 728	33	$10 929
TEXTILE MACHINE OPERATORS	4	-	-	-	4	-	-	-	-	$12 272	$12 505	4	$12 272
TEXTILE SEWING MACHINE OPERATORS	15	-	2	4	-	9	-	-	-	$15 123	$13 792	5	$15 439
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	30	-	14	2	14	-	-	-	-	$9 000	$7 524	24	$10 286
OTHER SPECIFIED MACHINE OPERATORS	1 492	78	209	185	350	323	297	50	-	$13 595	$13 457	736	$16 124
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	1 798	109	116	223	360	524	391	71	4	$15 562	$14 786	1 047	$17 513
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	346	31	36	37	57	120	56	9	-	$15 279	$13 410	156	$17 542
MACHINE OPERATORS, NOT SPECIFIED	1 452	78	80	186	303	404	335	62	4	$15 653	$15 114	891	$17 500
INDUSTRY:													
MANUFACTURING	1 687	109	93	211	330	499	376	69	-	$15 660	$14 748	985	$17 560
NONDURABLE GOODS	310	21	24	51	83	70	48	13	-	$12 851	$12 903	175	$16 145
FOOD AND KINDRED PRODUCTS	111	10	5	17	38	29	2	10	-	$11 808	$12 701	79	$14 241
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	17	-	-	2	7	8	-	-	-	$14 681	$14 816	10	$12 621
PAPER AND ALLIED PRODUCTS	36	6	-	5	6	9	10	-	-	$15 368	$12 865	20	$20 000
OTHER NONDURABLE GOODS	146	5	19	27	32	24	36	3	-	$12 229	$12 843	66	$20 062
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	1 377	88	69	160	247	429	328	56	-	$15 987	$15 164	810	$17 835
METAL INDUSTRIES	375	27	22	66	66	115	73	6	-	$15 165	$13 620	178	$17 011
MACHINERY, INCLUDING ELECTRICAL	197	5	13	43	52	54	12	18	-	$13 808	$14 000	135	$15 446
TRANSPORTATION EQUIPMENT	679	51	18	30	94	232	222	32	-	$17 586	$16 866	427	$19 353
OTHER DURABLE GOODS	126	5	16	21	35	28	21	-	-	$13 032	$12 409	70	$16 815
NONMANUFACTURING INDUSTRIES	111	-	23	12	30	25	15	2	4	$13 475	$15 362	62	$16 912
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	18	-	-	-	-	18	-	-	-	$15 439	$16 894	18	$15 439
WHOLESALE AND RETAIL TRADE	46	-	10	-	14	7	15	-	-	$14 701	$14 298	32	$19 054
ALL OTHER INDUSTRIES	47	-	13	12	16	-	-	2	4	$9 571	$15 816	12	$12 761
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	4 160	166	278	384	924	1 318	668	409	13	$15 819	$15 797	2 016	$17 549
WELDERS AND CUTTERS	1 028	47	73	85	239	248	142	194	-	$16 031	$16 815	566	$19 535
ASSEMBLERS	3 080	113	191	296	668	1 062	522	215	13	$15 817	$15 562	1 432	$17 091
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	52	6	14	3	17	8	4	-	-	$10 500	$9 572	18	$12 920
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	718	38	28	29	116	242	206	59	-	$17 481	$16 848	385	$20 023
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	2 474	203	253	250	481	506	438	332	11	$15 346	$15 092	1 346	$18 868
MOTOR VEHICLE OPERATORS	1 281	129	174	123	240	264	192	152	7	$14 272	$14 053	662	$18 262
TRUCK DRIVERS AND DRIVER-SALES WORKERS	1 063	95	121	104	194	221	179	148	1	$15 274	$14 712	590	$19 323
BUS DRIVERS	80	6	8	15	22	19	-	4	6	$13 210	$14 891	25	$15 946
RAIL AND WATER TRANSPORTATION OCCUPATIONS	127	11	-	6	31	24	35	20	-	$17 842	$16 946	80	$20 633
MATERIAL MOVING EQUIPMENT OPERATORS	1 066	63	79	121	210	218	211	160	4	$16 039	$16 119	604	$19 116
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	27	6	10	-	2	-	5	-	4	$3 938	$14 840	9	$24 203
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	3 098	537	609	551	544	523	246	88	-	$8 756	$9 772	1 029	$15 254
CONSTRUCTION LABORERS	495	57	71	126	147	44	38	12	-	$9 780	$10 271	111	$13 352
FREIGHT, STOCK, AND MATERIAL HANDLERS	862	246	214	98	109	117	59	19	-	$5 442	$7 842	252	$15 354
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	174	68	42	34	20	8	-	2	-	$2 613	$5 056	43	$10 050
HAND PACKERS AND PACKAGERS	259	18	34	65	39	68	29	6	-	$12 283	$11 774	102	$16 798
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	290	63	78	54	53	16	15	11	-	$6 348	$8 047	73	$15 321
LABORERS, EXCEPT CONSTRUCTION	1 018	85	170	174	176	270	105	38	-	$11 649	$11 952	448	$15 574
MANUFACTURING	674	34	80	114	126	200	91	29	-	$13 873	$13 230	303	$16 002
NONDURABLE GOODS	160	9	32	36	44	25	8	6	-	$10 316	$11 125	90	$14 064
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	514	25	48	78	82	175	83	23	-	$15 400	$13 885	213	$16 784
METAL INDUSTRIES	201	-	21	47	27	68	21	17	-	$15 226	$14 282	71	$16 240
NONMANUFACTURING INDUSTRIES	344	51	90	60	50	70	14	9	-	$7 632	$9 447	145	$14 495
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	101	-	16	7	24	45	-	9	-	$15 162	$13 884	51	$16 361
WHOLESALE AND RETAIL TRADE	156	33	44	28	12	25	14	-	-	$6 167	$8 854	77	$11 400
ALL OTHER INDUSTRIES	87	18	30	25	14	-	-	-	-	$4 750	$5 358	17	$10 455
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	58	-	25	25	-	8	-	-	-	$6 320	$6 571	11	$7 000

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

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

MICHIGAN

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
SPANISH ORIGIN													
FEMALE EXPERIENCED CIVILIAN LABOR FORCE	21 947	3 621	6 003	4 926	4 141	2 202	709	310	35	$7 061	$8 047	8 553	$11 163
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	3 009	262	502	540	689	594	252	157	13	$11 306	$11 826	1 381	$14 451
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	884	85	133	212	256	118	51	29	-	$10 189	$10 336	571	$11 672
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	36	-	2	6	18	-	10	-	-	$12 569	$13 867	28	$13 556
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	80	17	23	8	-	12	7	13	-	$7 000	$10 580	20	$16 533
MANAGERS, MEDICINE AND HEALTH	14	-	-	-	2	12	-	-	-	$15 348	$16 723	14	$15 348
OTHER SPECIFIED MANAGERS	111	11	7	25	28	26	8	6	-	$11 667	$12 106	97	$12 875
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	335	25	73	83	108	32	6	8	-	$9 308	$9 140	198	$11 246
MANUFACTURING	17	-	-	5	-	6	6	-	-	$17 308	$15 047	11	$20 062
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	14	-	2	-	6	6	-	-	-	$11 667	$12 719	12	$13 500
WHOLESALE AND RETAIL TRADE	131	2	48	33	41	7	-	-	-	$7 632	$7 724	61	$11 944
ALL OTHER INDUSTRIES	173	23	23	45	61	13	-	8	-	$9 591	$9 343	114	$10 757
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	32	7	3	9	13	-	-	-	-	$7 714	$6 713	18	$7 714
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING	6	-	-	-	6	-	-	-	-	$11 000	$10 405	6	$11 000
WHOLESALE AND RETAIL TRADE	14	7	-	4	3	-	-	-	-	$4 000	$5 255	4	$8 000
ALL OTHER INDUSTRIES	12	-	3	5	4	-	-	-	-	$7 200	$6 568	8	$6 400
MANAGEMENT RELATED OCCUPATIONS	276	25	25	81	87	36	20	2	-	$10 412	$10 640	196	$11 467
ACCOUNTANTS AND AUDITORS	103	15	12	42	10	16	8	-	-	$8 906	$9 380	74	$9 786
BUYERS AND PURCHASING AGENTS	32	-	-	13	13	-	6	-	-	$10 600	$11 994	26	$10 000
PROFESSIONAL SPECIALTY OCCUPATIONS	2 125	177	369	328	433	476	201	128	13	$12 079	$12 446	810	$15 856
ENGINEERS, ARCHITECTS, AND SURVEYORS	43	-	-	6	24	7	-	6	-	$13 116	$14 329	13	$19 413
ARCHITECTS	14	-	-	-	14	-	-	-	-	$12 000	$12 208	-	-
ENGINEERS	29	-	-	6	10	7	-	6	-	$14 373	$15 353	13	$19 413
ELECTRICAL AND ELECTRONIC ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-	-
MECHANICAL ENGINEERS	12	-	-	6	-	-	-	6	-	$16 500	$17 035	6	$25 462
OTHER ENGINEERS	17	-	-	-	10	7	-	-	-	$14 285	$14 165	7	$15 439
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	35	-	6	10	-	-	19	-	-	$20 058	$15 425	29	$20 187
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	19	-	-	-	-	-	19	-	-	$20 453	$22 311	19	$20 453
NATURAL SCIENTISTS	24	-	-	3	-	21	-	-	-	$15 361	$15 755	21	$15 439
HEALTH DIAGNOSING OCCUPATIONS	61	2	6	7	-	18	6	15	7	$19 033	$22 132	32	$23 522
PHYSICIANS	59	-	6	7	-	18	6	15	7	$19 404	$22 877	32	$23 522
DENTISTS	2	2	-	-	-	-	-	-	-	$1,000-	$145	-	-
OTHER HEALTH DIAGNOSING PRACTITIONERS	-	-	-	-	-	-	-	-	-	-	-	-	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	552	20	69	93	136	144	49	35	6	$12 765	$13 659	251	$17 118
REGISTERED NURSES	495	20	50	79	134	135	42	35	-	$13 003	$13 372	231	$16 808
PHARMACISTS	12	-	-	6	-	-	-	-	6	$35 000	$38 505	6	$61 359
THERAPISTS	26	-	11	6	2	-	7	-	-	$6 667	$10 015	7	$20 453
TEACHERS, LIBRARIANS, AND COUNSELORS	980	105	211	122	188	194	121	39	-	$11 733	$11 341	253	$14 210
TEACHERS, POSTSECONDARY	167	16	52	14	14	26	26	19	-	$10 429	$11 908	34	$16 722
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	470	34	85	49	126	93	66	17	-	$12 884	$12 329	169	$13 446
TEACHERS, SECONDARY	171	17	13	20	38	51	29	3	-	$14 583	$13 238	18	$15 192
SOCIAL SCIENTISTS AND URBAN PLANNERS	28	-	6	7	-	8	-	7	-	$15 396	$19 123	8	$15 439
SOCIAL AND RECREATION WORKERS	228	13	24	49	58	84	-	-	-	$12 275	$11 118	137	$14 940
RELIGIOUS WORKERS	-	-	-	-	-	-	-	-	-	-	-	-	-
LAWYERS AND JUDGES	13	-	-	-	-	-	-	13	-	$40 906	$42 505	13	$40 906
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	161	37	47	31	27	-	6	13	-	$5 500	$7 988	53	$12 143
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	8 438	1 433	2 175	2 185	1 809	556	214	59	7	$7 200	$7 581	3 630	$10 761
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	582	62	138	132	143	39	50	18	-	$9 188	$9 846	269	$13 462
HEALTH TECHNOLOGISTS AND TECHNICIANS	349	22	87	76	100	27	37	-	-	$9 656	$9 877	165	$13 261
LICENSED PRACTICAL NURSES	167	5	49	26	71	7	9	-	-	$10 171	$9 715	84	$12 233
ENGINEERING AND SCIENCE TECHNICIANS	115	9	36	39	17	7	7	-	-	$8 107	$7 765	48	$12 190
ELECTRICAL AND ELECTRONIC TECHNICIANS	18	-	7	-	11	-	-	-	-	$12 084	$8 429	11	$12 272
DRAFTING AND SURVEYING TECHNICIANS	28	-	3	25	-	-	-	-	-	$8 600	$7 894	8	$6 400
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	118	31	15	17	26	5	6	18	-	$9 333	$11 781	56	$15 822
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	36	-	-	7	-	5	6	18	-	$27 500	$24 307	29	$30 292
SALES OCCUPATIONS	2 087	619	665	389	267	135	5	-	7	$4 135	$5 564	635	$10 071
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	140	9	34	21	47	29	-	-	-	$10 308	$8 853	101	$11 100
SELF-EMPLOYED	24	9	7	-	8	-	-	-	-	$3 200	$568	22	$3 400
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	175	42	49	29	35	20	-	-	-	$5 767	$6 942	91	$10 550
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	31	11	-	5	12	3	-	-	-	$7 800	$6 820	26	$10 400
SALES WORKERS, RETAIL AND PERSONAL SERVICES	1 735	555	582	330	173	83	5	-	7	$3 668	$5 140	417	$9 519
CASHIERS	871	273	314	108	86	78	5	-	7	$3 577	$5 736	239	$11 182
SALES RELATED OCCUPATIONS	6	2	-	4	-	-	-	-	-	$6 500	$4 948	-	-

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

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MICHIGAN

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
SPANISH ORIGIN													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	5 769	752	1 372	1 664	1 399	382	159	41	-	$7 908	$8 081	2 726	$10 679
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	147	2	18	44	17	47	13	6	-	$11 583	$12 983	109	$11 750
COMPUTER EQUIPMENT OPERATORS	96	9	2	25	37	23	-	-	-	$10 649	$10 221	55	$11 276
SECRETARIES, STENOGRAPHERS, AND TYPISTS	1 966	228	430	588	520	143	52	5	-	$8 377	$8 284	976	$10 771
SECRETARIES	1 533	167	343	442	419	105	52	5	-	$8 467	$8 407	804	$10 786
RECEPTIONISTS	233	44	41	122	26	-	-	-	-	$6 969	$6 094	86	$8 188
FILE CLERKS	198	72	23	53	26	5	13	6	-	$6 216	$7 032	97	$8 563
FINANCIAL RECORDS PROCESSING OCCUPATIONS	638	55	178	155	172	49	16	13	-	$8 296	$8 753	314	$11 036
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	400	34	114	94	118	21	6	13	-	$7 825	$8 830	186	$11 294
TELEPHONE OPERATORS	92	-	12	39	35	6	-	-	-	$9 677	$9 979	48	$9 810
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	122	17	31	16	15	36	7	-	-	$9 143	$9 711	75	$15 329
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	124	9	47	32	34	2	-	-	-	$6 667	$7 056	58	$10 700
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	34	-	7	6	21	-	-	-	-	$11 000	$10 642	27	$11 875
BANK TELLERS	238	20	63	120	35	-	-	-	-	$7 333	$6 679	132	$8 754
DATA-ENTRY KEYERS	138	-	29	32	56	7	14	-	-	$10 842	$10 687	81	$12 551
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	1 743	296	491	432	405	64	44	11	-	$6 761	$7 254	668	$10 989
SERVICE OCCUPATIONS	4 996	1 324	2 064	955	461	137	30	20	5	$3 859	$4 957	1 389	$8 598
PRIVATE HOUSEHOLD OCCUPATIONS	231	116	83	32	-	-	-	-	-	$1 987	$2 398	68	$3 571
PROTECTIVE SERVICE OCCUPATIONS	83	5	40	13	8	10	7	-	-	$4 417	$7 919	27	$10 500
FIREFIGHTING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
POLICE AND DETECTIVES, PUBLIC SERVICE	18	-	-	-	6	5	7	-	-	$17 489	$17 485	13	$20 053
GUARDS	63	5	40	13	-	5	-	-	-	$3 063	$5 056	12	$6 500
OTHER PROTECTIVE SERVICE OCCUPATIONS	2	-	-	-	2	-	-	-	-	$12 272	$12 005	2	$12 272
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	4 682	1 203	1 941	910	453	127	23	20	5	$3 962	$5 031	1 294	$8 815
FOOD PREPARATION AND SERVICE OCCUPATIONS	1 833	619	860	252	76	21	5	-	-	$3 052	$3 593	364	$6 795
WAITERS AND FOOD COUNTER WORKERS	884	329	443	81	26	5	-	-	-	$2 693	$3 014	136	$3 886
COOKS	328	79	152	86	11	-	-	-	-	$4 056	$4 226	87	$6 744
HEALTH SERVICE OCCUPATIONS	1 072	166	331	369	179	22	-	-	5	$6 347	$6 561	442	$8 881
NURSING AIDES, ORDERLIES, AND ATTENDANTS	775	132	233	247	136	22	-	-	5	$6 319	$6 718	350	$9 039
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	940	201	354	177	130	40	18	20	-	$5 198	$6 321	346	$9 814
PERSONAL SERVICE OCCUPATIONS	837	217	396	112	68	44	-	-	-	$3 809	$4 770	142	$11 158
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	174	13	52	44	32	33	-	-	-	$7 760	$8 508	70	$13 086
FARMING, FORESTRY, AND FISHING OCCUPATIONS	316	125	120	57	12	2	-	-	-	$3 400	$3 577	48	$5 455
FARM OPERATORS AND MANAGERS	8	4	2	2	-	-	-	-	-	$1 500	$2 085	6	$2 500
FARM OCCUPATIONS, EXCEPT MANAGERIAL	271	104	102	55	8	2	-	-	-	$3 833	$3 645	36	$5 455
RELATED AGRICULTURAL OCCUPATIONS	37	17	16	-	4	-	-	-	-	$2 375	$3 398	6	$12 119
FORESTRY AND FISHING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	408	33	133	86	72	51	21	12	-	$7 357	$9 215	145	$12 628
MECHANICS AND REPAIRERS	88	-	12	29	23	10	5	9	-	$11 200	$12 982	38	$13 784
AUTOMOBILE MECHANICS, INCLUDING BODY	-	-	-	-	-	-	-	-	-	-	-	-	-
AIRCRAFT MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER MECHANICS AND REPAIRERS	88	-	12	29	23	10	5	9	-	$11 200	$12 982	38	$13 784
CONSTRUCTION TRADES	15	3	2	2	-	8	-	-	-	$15 044	$9 561	10	$15 306
CARPENTERS	2	-	-	2	-	-	-	-	-	$9 000	$9 005	2	$9 000
ELECTRICIANS	8	-	-	-	-	8	-	-	-	$15 439	$15 005	8	$15 439
PAINTERS, CONSTRUCTION AND MAINTENANCE	3	3	-	-	-	-	-	-	-	$1,000-	$118	-	-
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER CONSTRUCTION TRADES	2	-	2	-	-	-	-	-	-	$2 500	$2 505	-	-
EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	305	30	119	55	49	33	16	3	-	$6 250	$8 111	97	$11 100
SUPERVISORS, PRODUCTION OCCUPATIONS	102	6	35	14	14	14	16	3	-	$8 000	$9 970	36	$20 131
MANUFACTURING	59	-	8	10	14	8	16	3	-	$11 643	$13 430	21	$21 487
PRECISION METALWORKING OCCUPATIONS	12	-	1	2	-	9	-	-	-	$15 267	$14 845	4	$12 500
TOOL AND DIE MAKERS	-	-	-	-	-	-	-	-	-	-	-	-	-
MACHINISTS	3	-	1	-	-	2	-	-	-	$15 192	$11 005	2	$15 439
SHEET METAL WORKERS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER PRECISION METAL WORKERS	9	-	-	2	-	7	-	-	-	$15 289	$16 125	2	$9 000
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	62	14	17	12	9	10	-	-	-	$6 000	$7 844	22	$9 000
PLANT AND SYSTEM OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER PRECISION PRODUCTION OCCUPATIONS	129	10	66	27	26	-	-	-	-	$5 425	$6 143	35	$7 571

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

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

MICHIGAN

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
SPANISH ORIGIN													
OPERATORS, FABRICATORS, AND LABORERS	4 775	439	1 009	1 103	1 098	862	192	62	10	$9 364	$9 929	1 960	$12 703
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	3 826	297	677	882	960	780	164	56	10	$10 243	$10 562	1 674	$12 883
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	2 093	156	408	569	512	352	54	42	-	$9 345	$9 805	920	$11 770
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	408	21	35	77	129	115	19	12	-	$12 503	$12 320	185	$14 851
PRINTING MACHINE OPERATORS	60	8	32	6	14	-	-	-	-	$4 000	$5 235	13	$10 143
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	437	64	92	99	66	114	2	-	-	$7 838	$9 220	217	$12 037
TEXTILE MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
TEXTILE SEWING MACHINE OPERATORS	314	37	65	54	48	108	2	-	-	$10 143	$10 217	154	$13 705
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	106	22	27	33	18	6	-	-	-	$6 364	$6 821	62	$8 727
OTHER SPECIFIED MACHINE OPERATORS	374	31	73	141	100	22	-	7	-	$7 747	$8 172	155	$9 848
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	814	32	176	246	203	101	33	23	-	$9 333	$9 947	350	$11 867
OCCUPATION: MISCELLANEOUS MACHINE OPERATORS, N.E.C.	248	2	62	56	82	31	10	5	-	$10 200	$10 372	105	$11 857
MACHINE OPERATORS, NOT SPECIFIED	566	30	114	190	121	70	23	18	-	$9 136	$9 761	245	$11 868
INDUSTRY: MANUFACTURING	761	32	175	225	184	94	33	18	-	$9 189	$9 821	322	$11 782
NONDURABLE GOODS	347	13	83	101	103	27	15	5	-	$9 130	$9 394	150	$10 938
FOOD AND KINDRED PRODUCTS	132	4	52	36	27	8	-	5	-	$7 250	$7 865	50	$11 000
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	28	-	-	11	17	-	-	-	-	$10 600	$9 838	18	$11 500
PAPER AND ALLIED PRODUCTS	36	-	-	14	16	6	-	-	-	$11 143	$11 436	23	$9 286
OTHER NONDURABLE GOODS	151	9	31	40	43	13	15	-	-	$9 625	$10 161	59	$10 900
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	414	19	92	124	81	67	18	13	-	$9 233	$10 178	172	$14 463
METAL INDUSTRIES	123	7	30	51	25	10	-	-	-	$7 690	$7 826	49	$9 300
MACHINERY, INCLUDING ELECTRICAL	46	-	9	27	10	-	-	-	-	$8 556	$7 500	17	$10 600
TRANSPORTATION EQUIPMENT	191	12	24	30	44	55	18	8	-	$13 201	$12 860	92	$17 095
OTHER DURABLE GOODS	54	-	29	16	2	2	-	5	-	$4 833	$8 335	14	$13 500
NONMANUFACTURING INDUSTRIES	53	-	1	21	19	7	-	5	-	$10 600	$11 761	28	$13 310
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	7	-	-	-	-	7	-	-	-	$15 439	$17 725	7	$15 439
WHOLESALE AND RETAIL TRADE	6	-	1	-	-	-	-	5	-	$25 349	$21 338	5	$25 462
ALL OTHER INDUSTRIES	40	-	-	21	19	-	-	-	-	$9 857	$9 281	16	$10 400
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	1 279	112	198	163	344	374	79	7	2	$12 196	$11 540	548	$15 400
WELDERS AND CUTTERS	50	6	10	-	25	7	2	-	-	$11 500	$9 943	13	$10 200
ASSEMBLERS	1 223	106	188	163	313	367	77	7	2	$12 220	$11 603	535	$15 450
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	6	-	-	-	6	-	-	-	-	$12 272	$12 005	-	-
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	454	29	71	150	104	54	31	7	8	$9 526	$11 291	206	$11 267
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	187	16	34	64	33	24	16	-	-	$7 500	$9 757	78	$15 120
MOTOR VEHICLE OPERATORS	111	6	34	43	20	8	-	-	-	$6 795	$7 450	39	$11 571
TRUCK DRIVERS AND DRIVER-SALES WORKERS	35	-	7	3	17	8	-	-	-	$12 093	$11 838	25	$13 267
BUS DRIVERS	61	6	12	40	3	-	-	-	-	$6 641	$5 643	4	$5 500
RAIL AND WATER TRANSPORTATION OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	76	10	-	21	13	16	16	-	-	$13 298	$13 128	39	$18 424
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	762	126	298	157	105	58	12	6	-	$5 469	$6 797	208	$9 944
CONSTRUCTION LABORERS	38	-	38	-	-	-	-	-	-	$4 222	$3 905	-	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	123	12	56	34	7	14	-	-	-	$4 458	$6 543	24	$12 611
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	8	5	-	3	-	-	-	-	-	$1,000-	$2 943	-	-
HAND PACKERS AND PACKAGERS	430	83	158	83	76	24	-	6	-	$5 618	$6 674	119	$9 381
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	8	-	-	3	5	-	-	-	-	$12 093	$10 755	5	$12 272
LABORERS, EXCEPT CONSTRUCTION	155	26	46	34	17	20	12	-	-	$6 786	$8 046	60	$12 653
MANUFACTURING	101	17	17	31	9	15	12	-	-	$8 550	$9 268	45	$14 556
NONDURABLE GOODS	39	12	-	20	7	-	-	-	-	$8 611	$6 693	9	$9 286
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	62	5	17	11	2	15	12	-	-	$8 000	$10 888	36	$16 499
METAL INDUSTRIES	22	5	-	2	-	15	-	-	-	$15 207	$13 540	10	$15 439
NONMANUFACTURING INDUSTRIES	54	9	29	3	8	5	-	-	-	$3 538	$5 758	15	$6 333
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	13	-	8	-	-	5	-	-	-	$2 813	$8 270	7	$15 236
ALL OTHER INDUSTRIES	41	9	21	3	8	-	-	-	-	$3 654	$4 962	8	$3 800
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	5	5	-	-	-	-	-	-	-	$1,000-	$505	-	-

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

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

ANN ARBOR, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
MALE EXPERIENCED CIVILIAN LABOR FORCE	74 206	4 824	10 192	7 470	10 359	12 114	11 396	15 374	2 477	$16 416	$18 452	44 998	$21 036
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	24 239	603	2 150	1 855	2 472	3 351	3 741	8 167	1 900	$21 930	$25 275	17 024	$25 551
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	8 320	136	439	497	926	1 083	1 231	3 176	832	$24 237	$28 464	6 864	$26 331
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	222	14	18	26	20	22	54	63	5	$20 735	$19 237	147	$23 649
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	738	15	18	34	50	86	133	354	48	$26 137	$27 223	600	$27 523
MANAGERS, MEDICINE AND HEALTH	137	-	-	-	20	18	24	62	13	$27 746	$31 765	118	$31 309
OTHER SPECIFIED MANAGERS	1 384	12	67	59	162	150	232	587	115	$25 237	$27 802	1 176	$27 118
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	3 530	48	151	271	340	461	427	1 319	513	$25 689	$31 962	3 032	$27 592
MANUFACTURING	1 061	-	23	21	61	64	131	484	277	$35 638	$44 451	965	$36 958
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	174	-	2	-	12	16	38	100	6	$27 188	$31 220	163	$27 514
WHOLESALE AND RETAIL TRADE	752	11	44	145	141	125	50	153	83	$16 098	$23 393	586	$18 603
ALL OTHER INDUSTRIES	1 543	37	82	105	126	256	208	582	147	$23 772	$27 635	1 318	$25 695
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	393	24	47	36	91	42	29	92	32	$14 918	$20 771	252	$21 159
CONSTRUCTION	18	2	7	9	-	-	-	-	-	$7 000	$5 844	4	$3 000
MANUFACTURING	70	-	-	16	14	12	8	11	9	$16 706	$23 244	48	$22 153
WHOLESALE AND RETAIL TRADE	172	7	33	5	31	22	15	43	16	$16 939	$22 013	121	$18 977
ALL OTHER INDUSTRIES	133	15	7	6	46	8	6	38	7	$14 260	$19 883	79	$26 506
MANAGEMENT RELATED OCCUPATIONS	1 916	23	138	71	243	304	332	699	106	$22 341	$25 386	1 539	$24 490
ACCOUNTANTS AND AUDITORS	819	7	54	36	107	113	173	314	15	$22 271	$22 061	665	$24 847
BUYERS AND PURCHASING AGENTS	276	10	11	1	37	70	50	95	2	$20 690	$21 957	229	$22 259
PROFESSIONAL SPECIALTY OCCUPATIONS	15 919	467	1 711	1 358	1 546	2 268	2 510	4 991	1 068	$20 973	$23 609	10 160	$25 129
ENGINEERS, ARCHITECTS, AND SURVEYORS	3 577	15	161	97	224	390	654	1 922	114	$26 355	$26 631	2 958	$27 691
ARCHITECTS	275	15	17	27	42	37	24	97	16	$19 913	$23 660	190	$24 240
ENGINEERS	3 272	-	144	70	174	348	627	1 819	90	$26 579	$26 857	2 740	$27 832
ELECTRICAL AND ELECTRONIC ENGINEERS	558	-	22	25	54	60	99	298	-	$25 603	$24 872	441	$26 981
MECHANICAL ENGINEERS	1 158	-	19	18	59	85	191	734	52	$28 592	$29 691	1 004	$29 974
OTHER ENGINEERS	1 556	-	103	27	61	203	337	787	38	$25 555	$25 459	1 295	$26 632
SURVEYORS AND MAPPING SCIENTISTS	30	-	-	-	8	5	3	6	8	$23 094	$29 226	28	$27 500
MATHEMATICAL AND COMPUTER SCIENTISTS	716	7	63	52	94	151	137	212	-	$19 597	$19 275	546	$21 877
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	506	-	26	32	66	103	115	164	-	$20 839	$20 454	405	$22 357
NATURAL SCIENTISTS	644	-	52	40	142	133	110	148	19	$17 909	$20 807	554	$19 579
HEALTH DIAGNOSING OCCUPATIONS	1 595	19	64	145	67	288	97	374	541	$32 177	$43 586	1 103	$35 797
PHYSICIANS	1 179	8	42	125	49	257	37	249	412	$32 181	$43 597	850	$36 385
DENTISTS	328	11	20	20	15	10	27	105	120	$40 644	$45 749	184	$44 627
OTHER HEALTH DIAGNOSING PRACTITIONERS	88	-	2	-	3	21	33	20	9	$22 119	$35 374	69	$22 107
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	527	-	60	111	48	126	102	80	-	$16 336	$15 931	338	$19 326
REGISTERED NURSES	131	-	7	18	28	57	7	14	-	$15 586	$15 549	105	$16 360
PHARMACISTS	204	-	40	37	-	8	68	51	-	$20 829	$17 222	114	$23 402
THERAPISTS	167	-	6	51	20	48	27	15	-	$15 431	$15 242	101	$17 774
TEACHERS, LIBRARIANS, AND COUNSELORS	5 507	243	689	509	551	611	1 019	1 668	217	$20 557	$20 716	2 587	$25 923
TEACHERS, POSTSECONDARY	3 432	148	462	353	218	195	454	1 396	206	$23 509	$23 263	1 787	$30 090
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	922	5	32	74	151	206	338	116	-	$19 766	$18 299	366	$19 430
TEACHERS, SECONDARY	547	39	22	41	117	89	163	76	-	$17 693	$16 547	175	$17 199
SOCIAL SCIENTISTS AND URBAN PLANNERS	423	10	53	33	18	103	57	116	33	$19 630	$23 619	292	$25 618
SOCIAL AND RECREATION WORKERS	410	7	69	48	73	74	99	40	-	$15 392	$14 901	263	$18 506
RELIGIOUS WORKERS	312	-	56	62	64	53	28	49	-	$13 265	$13 843	233	$14 276
LAWYERS AND JUDGES	640	31	62	56	64	100	20	184	123	$21 590	$29 949	475	$31 079
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	1 568	135	382	205	201	239	187	198	21	$11 797	$13 895	811	$17 730
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	14 829	1 287	2 848	1 760	2 352	2 131	1 734	2 356	361	$12 973	$15 649	8 558	$19 195
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	4 143	278	779	525	784	607	409	691	70	$12 757	$15 123	2 279	$18 492
HEALTH TECHNOLOGISTS AND TECHNICIANS	496	19	109	59	127	136	26	20	-	$12 068	$11 980	294	$15 480
LICENSED PRACTICAL NURSES	29	6	-	6	10	7	-	-	-	$12 490	$10 676	17	$14 285
ENGINEERING AND SCIENCE TECHNICIANS	1 399	77	257	127	266	198	181	287	6	$14 356	$15 637	840	$19 884
ELECTRICAL AND ELECTRONIC TECHNICIANS	326	-	43	58	90	53	40	42	-	$13 095	$14 424	233	$15 780
DRAFTING AND SURVEYING TECHNICIANS	401	23	69	15	63	58	53	114	6	$17 270	$17 707	256	$22 837
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	2 248	182	413	339	391	273	202	384	64	$11 969	$15 495	1 145	$19 527
AIRPLANE PILOTS AND NAVIGATORS	237	-	12	18	31	25	19	98	34	$27 244	$29 750	103	$32 913
COMPUTER PROGRAMMERS	724	39	109	93	126	128	98	126	5	$14 742	$15 345	414	$20 531
SALES OCCUPATIONS	5 609	414	959	627	882	784	612	1 070	261	$14 501	$18 265	3 539	$20 110
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 285	44	106	98	275	223	219	257	63	$17 284	$22 341	1 006	$19 467
SELF-EMPLOYED	169	12	4	6	56	35	11	45	-	$15 673	$17 397	149	$16 751
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	1 110	26	103	95	178	156	108	332	112	$19 875	$25 380	792	$24 541
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	964	23	30	71	120	184	149	331	56	$21 509	$23 695	778	$23 783
SALES WORKERS, RETAIL AND PERSONAL SERVICES	2 228	315	707	363	309	221	136	150	27	$6 868	$10 114	960	$15 088
CASHIERS	508	124	245	63	18	45	6	7	-	$3 866	$5 627	89	$15 114
SALES RELATED OCCUPATIONS	22	6	13	-	-	-	-	-	3	$2 714	$8 844	3	$50 923

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

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ANN ARBOR, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	5 077	595	1 110	608	686	740	713	595	30	$11 346	$13 188	2 740	$18 792
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	672	14	27	48	98	114	164	204	3	$20 772	$21 346	570	$21 780
COMPUTER EQUIPMENT OPERATORS	237	19	59	6	88	10	18	37	-	$11 643	$12 734	146	$14 196
SECRETARIES, STENOGRAPHERS, AND TYPISTS	106	12	39	17	20	-	-	13	5	$8 235	$11 732	45	$11 357
SECRETARIES	52	7	20	6	8	-	-	6	5	$5 800	$13 677	30	$11 000
RECEPTIONISTS	81	40	28	-	7	6	-	-	-	$2 083	$4 046	28	$3 933
FILE CLERKS	133	24	52	14	12	4	4	23	-	$5 604	$9 617	39	$25 723
FINANCIAL RECORDS PROCESSING OCCUPATIONS	272	18	73	30	30	33	15	63	10	$11 579	$16 511	163	$21 397
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	207	18	53	30	30	20	15	34	7	$10 263	$14 695	118	$18 447
TELEPHONE OPERATORS	57	12	12	14	5	2	12	-	-	$6 750	$9 117	16	$20 275
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	424	53	61	37	24	123	116	10	-	$16 055	$13 868	263	$19 227
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	946	42	149	141	202	207	131	74	-	$13 209	$13 414	637	$16 127
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	59	-	-	7	11	21	20	-	-	$17 115	$17 257	33	$18 611
BANK TELLERS	53	-	40	7	-	-	6	-	-	$4 063	$6 545	13	$9 857
DATA-ENTRY KEYERS	17	11	6	-	-	-	-	-	-	$1 773	$2 151	-	-
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	2 020	350	564	287	189	220	227	171	12	$7 263	$10 772	787	$18 989
SERVICE OCCUPATIONS	7 509	1 334	2 349	1 114	1 382	564	434	322	10	$6 246	$8 507	2 833	$13 351
PRIVATE HOUSEHOLD OCCUPATIONS	20	6	-	6	-	8	-	-	-	$7 333	$8 955	14	$15 091
PROTECTIVE SERVICE OCCUPATIONS	1 258	88	290	138	170	117	241	210	4	$13 624	$14 391	698	$21 061
FIREFIGHTING OCCUPATIONS	103	-	-	-	10	13	52	28	-	$21 963	$22 439	95	$22 143
POLICE AND DETECTIVES, PUBLIC SERVICE	277	-	8	9	8	42	111	99	-	$22 629	$22 583	236	$23 119
GUARDS	644	88	238	103	110	32	32	37	4	$5 917	$8 666	214	$14 849
OTHER PROTECTIVE SERVICE OCCUPATIONS	234	-	44	26	42	30	46	46	-	$15 654	$16 906	153	$19 887
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	6 231	1 240	2 059	970	1 212	439	193	112	6	$5 446	$7 318	2 121	$12 092
FOOD PREPARATION AND SERVICE OCCUPATIONS	2 727	833	1 131	358	299	64	27	15	-	$3 299	$4 723	463	$10 602
WAITERS AND FOOD COUNTER WORKERS	323	99	200	19	-	-	5	-	-	$2 744	$3 197	15	$9 167
COOKS	867	226	291	178	122	38	5	7	-	$4 430	$5 585	209	$10 390
HEALTH SERVICE OCCUPATIONS	479	27	105	70	179	80	12	-	6	$11 027	$10 699	251	$13 190
NURSING AIDES, ORDERLIES, AND ATTENDANTS	393	15	60	63	163	74	12	-	6	$11 773	$11 544	229	$13 215
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	2 546	282	634	488	667	258	137	80	-	$9 047	$9 451	1 268	$12 267
PERSONAL SERVICE OCCUPATIONS	479	98	189	54	67	37	17	17	-	$4 689	$7 372	139	$13 822
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	84	10	12	6	30	13	5	8	-	$12 239	$11 679	49	$12 083
FARMING, FORESTRY, AND FISHING OCCUPATIONS	1 324	288	288	208	225	136	98	69	12	$7 830	$9 555	864	$10 837
FARM OPERATORS AND MANAGERS	636	143	117	96	101	44	56	67	12	$8 273	$11 047	517	$9 606
FARM OCCUPATIONS, EXCEPT MANAGERIAL	245	59	92	18	45	23	8	-	-	$3 854	$6 229	119	$10 714
RELATED AGRICULTURAL OCCUPATIONS	433	86	77	94	79	61	34	2	-	$8 694	$9 162	220	$13 014
FORESTRY AND FISHING OCCUPATIONS	10	-	2	-	-	8	-	-	-	$15 306	$13 129	8	$15 439
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	11 340	313	981	901	1 541	2 003	2 247	3 200	154	$19 771	$19 666	7 732	$22 222
MECHANICS AND REPAIRERS	3 854	119	312	367	578	797	848	813	20	$18 074	$17 872	2 791	$20 425
AUTOMOBILE MECHANICS, INCLUDING BODY	1 240	61	143	183	226	242	223	154	8	$15 100	$15 075	819	$17 519
AIRCRAFT MECHANICS	203	-	-	19	-	53	61	70	-	$21 902	$21 884	170	$23 330
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	145	-	10	7	11	67	21	29	-	$17 637	$18 690	105	$19 587
OTHER MECHANICS AND REPAIRERS	2 266	58	159	158	341	435	543	560	12	$19 722	$18 991	1 697	$20 933
CONSTRUCTION TRADES	3 698	132	432	391	589	630	574	904	46	$17 030	$17 705	1 916	$22 386
CARPENTERS	872	69	99	176	176	156	120	74	2	$12 832	$12 896	362	$17 484
ELECTRICIANS	578	13	11	18	57	95	112	264	8	$24 038	$23 475	416	$25 045
PAINTERS, CONSTRUCTION AND MAINTENANCE	431	38	134	45	73	54	56	14	17	$9 897	$12 143	153	$17 516
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	482	3	42	7	56	60	91	223	-	$23 766	$21 879	316	$25 400
OTHER CONSTRUCTION TRADES	1 335	9	146	145	227	265	195	329	19	$17 224	$18 638	669	$23 372
EXTRACTIVE OCCUPATIONS	41	-	1	-	13	16	-	11	-	$16 384	$17 868	18	$15 072
PRECISION PRODUCTION OCCUPATIONS	3 747	62	236	143	361	560	825	1 472	88	$22 706	$23 465	3 007	$24 659
SUPERVISORS, PRODUCTION OCCUPATIONS	2 070	7	62	59	153	227	391	1 091	80	$26 375	$27 356	1 796	$27 481
MANUFACTURING	1 677	7	42	33	94	161	264	1 012	64	$28 018	$28 403	1 465	$29 154
PRECISION METALWORKING OCCUPATIONS	939	9	61	29	81	186	320	251	2	$21 118	$20 357	729	$21 689
TOOL AND DIE MAKERS	473	-	14	2	24	61	205	165	2	$22 690	$23 148	392	$23 210
MACHINISTS	298	-	28	10	45	98	63	54	-	$17 840	$17 995	239	$18 210
SHEET METAL WORKERS	66	-	12	5	4	7	24	14	-	$20 641	$16 914	42	$21 815
OTHER PRECISION METAL WORKERS	102	9	7	12	8	20	28	18	-	$18 421	$16 544	56	$20 484
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	13	5	8	-	-	-	-	-	-	$2 188	$1 524	-	-
PLANT AND SYSTEM OPERATORS	202	6	-	6	27	61	23	73	6	$20 173	$24 295	173	$23 096
OTHER PRECISION PRODUCTION OCCUPATIONS	523	35	105	49	100	86	91	57	-	$13 644	$13 874	309	$18 494

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

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

ANN ARBOR, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
OPERATORS, FABRICATORS, AND LABORERS	14 939	999	1 567	1 625	2 384	3 929	3 135	1 260	40	$15 789	$15 046	7 987	$18 559
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	9 253	325	671	845	1 464	2 874	2 282	782	10	$16 736	$16 311	5 193	$18 890
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	4 731	189	441	393	702	1 304	1 248	454	-	$16 933	$16 181	2 763	$19 263
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	1 888	31	95	110	209	554	649	240	-	$19 300	$18 329	1 159	$20 327
PRINTING MACHINE OPERATORS	386	21	66	52	55	68	85	39	-	$14 847	$14 120	261	$17 424
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	125	6	54	15	24	9	9	8	-	$6 333	$9 658	49	$15 616
TEXTILE MACHINE OPERATORS	12	-	6	-	-	2	4	-	-	$9 500	$11 467	6	$20 198
TEXTILE SEWING MACHINE OPERATORS	17	-	17	-	-	-	-	-	-	$5 500	$5 005	-	-
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	90	6	25	15	24	7	5	8	-	$7 867	$10 606	43	$14 494
OTHER SPECIFIED MACHINE OPERATORS	960	40	104	119	151	262	195	89	-	$15 875	$15 250	575	$18 510
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	1 372	91	122	97	263	411	310	78	-	$15 939	$15 050	719	$18 214
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	290	9	34	9	41	94	91	12	-	$17 185	$16 222	155	$19 928
MACHINE OPERATORS, NOT SPECIFIED	1 082	82	88	88	222	317	219	66	-	$15 629	$14 736	564	$17 811
INDUSTRY:													
MANUFACTURING	1 260	81	78	81	248	392	302	78	-	$16 290	$15 614	691	$18 493
NONDURABLE GOODS	142	14	15	19	54	28	10	2	-	$11 438	$11 176	79	$13 867
FOOD AND KINDRED PRODUCTS	31	-	7	10	6	8	-	-	-	$7 700	$8 866	18	$7 800
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	11	-	6	-	-	-	5	-	-	$4 917	$11 283	5	$20 453
PAPER AND ALLIED PRODUCTS	22	-	-	-	15	7	-	-	-	$12 969	$14 562	7	$12 272
OTHER NONDURABLE GOODS	78	14	2	9	33	13	5	2	-	$11 556	$11 125	49	$13 834
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	1 118	67	63	62	194	364	292	76	-	$16 791	$16 178	612	$19 209
METAL INDUSTRIES	101	13	-	13	11	42	16	6	-	$15 989	$15 445	39	$18 223
MACHINERY, INCLUDING ELECTRICAL	169	28	32	6	42	37	10	14	-	$12 222	$11 444	84	$16 258
TRANSPORTATION EQUIPMENT	763	13	21	32	128	271	250	48	-	$17 919	$17 715	444	$20 010
OTHER DURABLE GOODS	85	13	10	11	13	14	16	8	-	$13 479	$12 660	45	$20 264
NONMANUFACTURING INDUSTRIES	112	10	44	16	15	19	8	-	-	$6 444	$8 705	28	$15 047
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	17	-	2	-	-	15	-	-	-	$15 366	$14 104	15	$15 439
WHOLESALE AND RETAIL TRADE	17	8	2	7	-	-	-	-	-	$2 250	$4 740	5	$9 000
ALL OTHER INDUSTRIES	78	2	40	9	15	4	8	-	-	$5 500	$8 393	8	$7 600
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	3 484	104	194	393	630	1 238	701	224	-	$16 141	$15 712	1 752	$17 979
WELDERS AND CUTTERS	554	21	12	68	117	170	103	63	-	$16 229	$16 584	336	$17 518
ASSEMBLERS	2 909	83	178	320	513	1 064	590	161	-	$16 123	$15 559	1 399	$18 054
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	21	-	4	5	-	4	8	-	-	$16 491	$13 805	17	$19 158
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 038	32	36	59	132	332	333	104	10	$18 511	$18 917	678	$20 117
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	3 024	175	295	329	500	628	669	403	25	$16 311	$16 169	1 810	$19 985
MOTOR VEHICLE OPERATORS	2 152	148	257	265	404	441	383	231	23	$15 015	$14 959	1 216	$18 142
TRUCK DRIVERS AND DRIVER-SALES WORKERS	1 667	109	167	199	279	353	323	214	23	$15 826	$15 913	981	$18 954
BUS DRIVERS	245	15	33	31	86	65	8	7	-	$12 807	$11 836	122	$14 819
RAIL AND WATER TRANSPORTATION OCCUPATIONS	31	-	-	7	-	-	12	12	-	$23 023	$21 295	31	$23 023
MATERIAL MOVING EQUIPMENT OPERATORS	841	27	38	57	96	187	274	160	2	$20 164	$19 079	563	$21 201
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	26	8	3	5	2	3	-	5	-	$6 800	$11 879	8	$7 600
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	2 662	499	601	451	420	427	184	75	5	$7 604	$9 370	984	$15 724
CONSTRUCTION LABORERS	493	51	70	95	121	85	45	26	-	$11 130	$11 386	193	$16 208
FREIGHT, STOCK, AND MATERIAL HANDLERS	995	214	233	157	141	198	33	19	-	$7 063	$8 588	343	$15 625
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	358	87	140	69	28	3	31	-	-	$4 705	$6 329	121	$10 429
HAND PACKERS AND PACKAGERS	122	31	31	5	6	35	8	6	-	$4 833	$9 813	57	$16 988
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	272	75	43	43	58	20	22	11	-	$7 241	$8 791	84	$14 677
LABORERS, EXCEPT CONSTRUCTION	422	41	84	82	66	86	45	13	5	$10 178	$11 681	186	$16 329
MANUFACTURING	174	16	26	17	15	50	32	13	5	$15 893	$15 622	78	$20 507
NONDURABLE GOODS	25	-	7	14	-	4	-	-	-	$7 571	$7 713	11	$9 571
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	149	16	19	3	15	46	32	13	5	$16 775	$16 949	67	$21 321
METAL INDUSTRIES	41	8	15	3	3	7	5	-	-	$4 643	$8 365	15	$17 505
NONMANUFACTURING INDUSTRIES	248	25	58	65	51	36	13	-	-	$7 491	$8 916	108	$13 213
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	60	-	6	30	2	14	8	-	-	$8 800	$11 614	40	$15 412
WHOLESALE AND RETAIL TRADE	98	6	24	26	21	16	5	-	-	$7 462	$9 485	45	$13 073
ALL OTHER INDUSTRIES	90	19	28	9	28	6	-	-	-	$4 600	$6 497	23	$12 432
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	26	-	9	7	3	-	7	-	-	$7 143	$9 797	-	-

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

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ANN ARBOR, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
FEMALE EXPERIENCED CIVILIAN LABOR FORCE	59 388	8 730	14 994	11 676	12 506	7 246	2 905	1 215	116	$8 191	$9 017	24 453	$12 426
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	17 317	1 290	3 110	2 675	3 901	3 646	1 798	820	77	$12 042	$12 273	7 750	$15 424
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	4 464	222	720	821	1 372	713	328	280	8	$11 535	$12 209	2 876	$13 582
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	98	-	8	7	37	29	17	-	-	$14 448	$14 441	69	$15 765
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	532	17	104	81	124	74	75	57	-	$12 986	$13 668	311	$15 318
MANAGERS, MEDICINE AND HEALTH	164	13	14	10	55	47	9	16	-	$13 801	$13 745	125	$15 588
OTHER SPECIFIED MANAGERS	567	51	47	127	210	71	37	24	-	$11 444	$11 528	416	$12 526
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	1 686	77	358	336	508	199	97	103	8	$10 578	$11 613	1 027	$12 870
MANUFACTURING	134	-	11	16	58	29	4	16	-	$12 333	$15 125	106	$13 204
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	65	-	-	12	21	6	7	19	-	$11 952	$17 290	60	$16 403
WHOLESALE AND RETAIL TRADE	436	30	112	120	119	36	13	6	-	$9 043	$9 104	277	$10 964
ALL OTHER INDUSTRIES	1 051	47	235	188	310	128	73	62	8	$10 854	$11 855	584	$13 832
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	81	20	13	6	32	-	3	7	-	$10 120	$9 941	32	$11 429
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING	10	3	-	-	7	-	-	-	-	$10 571	$6 402	-	-
WHOLESALE AND RETAIL TRADE	37	10	13	-	7	-	-	7	-	$4 100	$11 564	15	$12 329
ALL OTHER INDUSTRIES	34	7	-	6	18	-	3	-	-	$10 444	$9 216	17	$11 214
MANAGEMENT RELATED OCCUPATIONS	1 336	44	176	254	406	293	90	73	-	$12 031	$12 456	896	$14 184
ACCOUNTANTS AND AUDITORS	548	17	65	119	149	137	26	35	-	$11 872	$12 780	382	$15 000
BUYERS AND PURCHASING AGENTS	184	-	16	46	56	37	11	18	-	$11 818	$12 791	111	$13 480
PROFESSIONAL SPECIALTY OCCUPATIONS	12 853	1 068	2 390	1 854	2 529	2 933	1 470	540	69	$12 277	$12 295	4 874	$16 040
ENGINEERS, ARCHITECTS, AND SURVEYORS	207	16	37	6	50	32	26	40	-	$14 464	$15 281	136	$19 570
ARCHITECTS	66	5	20	-	26	6	-	9	-	$11 455	$12 229	28	$15 594
ENGINEERS	135	11	17	-	24	26	26	31	-	$17 572	$17 051	102	$20 832
ELECTRICAL AND ELECTRONIC ENGINEERS	7	-	7	-	-	-	-	-	-	$4 500	$4 625	-	-
MECHANICAL ENGINEERS	39	-	-	-	-	14	20	5	-	$20 701	$22 549	39	$20 701
OTHER ENGINEERS	89	11	10	-	24	12	6	26	-	$14 913	$15 620	63	$20 341
SURVEYORS AND MAPPING SCIENTISTS	6	-	-	6	-	-	-	-	-	$9 000	$9 005	6	$9 000
MATHEMATICAL AND COMPUTER SCIENTISTS	212	6	38	29	54	38	41	6	-	$11 571	$13 046	141	$16 426
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	131	6	26	23	43	25	8	-	-	$10 677	$10 674	83	$12 720
NATURAL SCIENTISTS	248	15	61	26	103	13	17	13	-	$11 467	$11 084	126	$13 378
HEALTH DIAGNOSING OCCUPATIONS	309	7	13	68	12	64	41	75	29	$19 026	$22 549	164	$26 054
PHYSICIANS	273	7	13	55	12	59	30	75	22	$18 941	$22 411	151	$25 961
DENTISTS	30	-	-	7	-	5	11	-	7	$20 880	$26 512	7	$50 923
OTHER HEALTH DIAGNOSING PRACTITIONERS	6	-	-	6	-	-	-	-	-	$9 000	$9 005	6	$9 000
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	3 185	111	418	477	798	1 084	234	49	14	$13 678	$13 006	1 673	$16 058
REGISTERED NURSES	2 374	80	273	340	574	886	194	19	8	$14 301	$13 209	1 294	$16 177
PHARMACISTS	191	13	24	32	52	41	23	-	6	$12 281	$13 723	73	$17 450
THERAPISTS	449	18	77	85	114	116	9	30	-	$12 193	$12 343	224	$15 271
TEACHERS, LIBRARIANS, AND COUNSELORS	6 052	578	1 243	725	991	1 226	976	306	7	$12 279	$12 369	1 550	$16 524
TEACHERS, POSTSECONDARY	1 454	147	455	165	155	170	207	155	-	$8 904	$11 863	397	$19 895
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	2 377	169	318	315	450	590	450	85	-	$14 156	$13 335	550	$16 032
TEACHERS, SECONDARY	803	59	82	77	203	213	147	22	-	$14 398	$13 708	203	$15 273
SOCIAL SCIENTISTS AND URBAN PLANNERS	305	11	54	94	58	72	14	-	2	$9 606	$10 554	87	$13 683
SOCIAL AND RECREATION WORKERS	1 011	82	174	175	205	258	80	29	8	$12 291	$11 722	500	$15 477
RELIGIOUS WORKERS	69	16	33	-	7	13	-	-	-	$3 472	$5 890	13	$15 439
LAWYERS AND JUDGES	167	10	50	20	28	26	12	12	9	$10 636	$12 985	85	$17 042
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	1 088	216	269	234	223	107	29	10	-	$7 255	$7 765	399	$12 133
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	24 644	3 755	6 760	5 717	5 647	1 912	569	260	24	$7 466	$7 905	10 851	$11 422
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	2 936	299	665	504	943	386	107	32	-	$10 000	$9 536	1 375	$13 108
HEALTH TECHNOLOGISTS AND TECHNICIANS	1 390	75	258	250	541	216	46	4	-	$10 914	$10 467	720	$13 148
LICENSED PRACTICAL NURSES	537	41	105	91	266	28	2	4	-	$10 677	$9 672	237	$12 623
ENGINEERING AND SCIENCE TECHNICIANS	388	80	94	57	107	37	11	2	-	$7 429	$7 696	169	$11 614
ELECTRICAL AND ELECTRONIC TECHNICIANS	39	13	6	6	14	-	-	-	-	$8 167	$6 440	11	$11 000
DRAFTING AND SURVEYING TECHNICIANS	82	-	-	12	59	11	-	-	-	$11 450	$11 847	69	$11 364
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	1 158	144	313	197	295	133	50	26	-	$8 315	$9 034	486	$13 575
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	262	23	37	17	108	47	30	-	-	$12 301	$11 576	170	$13 728
SALES OCCUPATIONS	5 421	1 347	2 080	765	662	325	111	114	17	$4 077	$6 400	1 512	$11 840
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	483	24	89	111	114	65	39	41	-	$10 972	$11 885	300	$13 640
SELF-EMPLOYED	75	-	15	20	12	2	14	12	-	$11 000	$14 499	46	$20 720
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	635	87	169	82	164	65	29	22	17	$9 359	$10 302	354	$11 711
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	189	20	32	21	60	21	25	10	-	$12 306	$11 658	94	$14 546
SALES WORKERS, RETAIL AND PERSONAL SERVICES	4 106	1 210	1 788	551	324	174	18	41	-	$3 473	$4 919	764	$10 242
CASHIERS	1 840	572	668	277	192	116	10	5	-	$3 558	$5 239	360	$11 615
SALES RELATED OCCUPATIONS	8	6	2	-	-	-	-	-	-	$1,000-	$1 680	-	-

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

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

ANN ARBOR, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	16 287	2 109	4 015	4 448	4 042	1 201	351	114	7	$8 133	$8 112	7 964	$11 083
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	752	15	72	125	276	182	58	24	-	$13 020	$13 032	593	$13 956
COMPUTER EQUIPMENT OPERATORS	352	39	63	94	87	37	10	22	-	$9 322	$10 682	214	$11 778
SECRETARIES, STENOGRAPHERS, AND TYPISTS	6 251	717	1 480	1 802	1 775	356	95	26	-	$8 344	$8 082	3 085	$10 953
SECRETARIES	5 232	504	1 162	1 553	1 567	341	91	14	-	$8 651	$8 371	2 721	$11 042
RECEPTIONISTS	816	148	308	259	95	6	-	-	-	$4 948	$5 498	262	$9 304
FILE CLERKS	387	172	92	49	47	27	-	-	-	$2 860	$4 642	106	$9 742
FINANCIAL RECORDS PROCESSING OCCUPATIONS	1 572	144	346	438	435	156	37	16	-	$9 024	$8 877	886	$11 261
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	1 233	128	287	304	330	131	37	16	-	$8 970	$8 876	680	$11 491
TELEPHONE OPERATORS	273	38	46	68	84	34	3	-	-	$9 139	$8 804	165	$11 683
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	299	28	100	39	32	79	21	-	-	$7 103	$9 919	149	$15 836
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	370	12	35	118	124	38	43	-	-	$10 476	$10 843	219	$11 266
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	53	2	-	13	11	27	-	-	-	$15 013	$13 857	51	$15 039
BANK TELLERS	450	51	188	151	58	-	2	-	-	$5 176	$5 777	179	$8 864
DATA-ENTRY KEYERS	316	53	92	89	73	7	2	-	-	$6 765	$7 023	144	$9 902
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	4 396	690	1 193	1 203	945	252	80	26	7	$7 270	$7 478	1 911	$10 805
SERVICE OCCUPATIONS	10 490	3 001	3 966	1 822	1 298	299	66	34	4	$3 732	$5 115	2 652	$9 758
PRIVATE HOUSEHOLD OCCUPATIONS	513	262	199	29	15	8	-	-	-	$1 947	$2 644	50	$7 667
PROTECTIVE SERVICE OCCUPATIONS	320	65	89	45	38	50	26	7	-	$6 429	$8 874	102	$17 461
FIREFIGHTING OCCUPATIONS	5	-	-	-	5	-	-	-	-	$12 272	$12 765	-	-
POLICE AND DETECTIVES, PUBLIC SERVICE	28	-	-	-	2	6	13	7	-	$21 575	$23 368	28	$21 575
GUARDS	194	54	79	43	7	4	7	-	-	$3 037	$4 750	22	$12 500
OTHER PROTECTIVE SERVICE OCCUPATIONS	93	11	10	2	24	40	6	-	-	$14 885	$12 904	52	$16 259
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	9 657	2 674	3 678	1 748	1 245	241	40	27	4	$3 830	$5 122	2 500	$9 659
FOOD PREPARATION AND SERVICE OCCUPATIONS	4 813	1 591	2 169	707	242	96	8	-	-	$3 027	$3 939	696	$8 518
WAITERS AND FOOD COUNTER WORKERS	2 424	766	1 222	316	86	34	-	-	-	$3 214	$3 659	260	$6 711
COOKS	757	202	314	149	69	23	-	-	-	$3 414	$4 785	142	$9 238
HEALTH SERVICE OCCUPATIONS	1 897	283	617	424	494	60	13	6	-	$6 464	$6 924	808	$10 656
NURSING AIDES, ORDERLIES, AND ATTENDANTS	1 262	262	450	213	287	37	13	-	-	$5 138	$6 135	468	$10 783
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	1 305	218	344	361	319	37	5	21	-	$7 040	$7 165	619	$9 927
PERSONAL SERVICE OCCUPATIONS	1 642	582	548	256	190	48	14	-	4	$3 634	$4 883	377	$8 457
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	456	66	152	131	74	33	-	-	-	$6 227	$6 913	148	$9 529
FARMING, FORESTRY, AND FISHING OCCUPATIONS	280	88	113	46	20	1	7	5	-	$3 632	$4 557	96	$8 154
FARM OPERATORS AND MANAGERS	76	21	32	12	11	-	-	-	-	$3 000	$3 547	44	$2 846
FARM OCCUPATIONS, EXCEPT MANAGERIAL	105	41	41	13	5	-	-	5	-	$3 786	$4 482	30	$8 462
RELATED AGRICULTURAL OCCUPATIONS	99	26	40	21	4	1	7	-	-	$4 094	$5 412	22	$11 000
FORESTRY AND FISHING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	823	57	140	211	173	132	75	33	2	$10 082	$11 440	443	$14 008
MECHANICS AND REPAIRERS	146	-	17	29	34	26	24	16	-	$12 963	$14 749	85	$17 998
AUTOMOBILE MECHANICS, INCLUDING BODY	55	-	-	-	16	18	10	11	-	$17 644	$19 560	36	$20 000
AIRCRAFT MECHANICS	7	-	-	-	-	-	7	-	-	$20 453	$20 205	7	$20 453
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER MECHANICS AND REPAIRERS	84	-	17	29	18	8	7	5	-	$9 200	$11 145	42	$11 538
CONSTRUCTION TRADES	89	6	12	20	14	27	10	-	-	$12 415	$11 731	43	$15 306
CARPENTERS	19	6	6	-	-	7	-	-	-	$2 583	$6 662	-	-
ELECTRICIANS	30	-	-	5	9	6	10	-	-	$15 604	$16 585	25	$14 301
PAINTERS, CONSTRUCTION AND MAINTENANCE	8	-	-	8	-	-	-	-	-	$7 000	$6 005	-	-
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER CONSTRUCTION TRADES	32	-	6	7	5	14	-	-	-	$11 200	$11 622	18	$15 243
EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	588	51	111	162	125	79	41	17	2	$9 211	$10 574	315	$12 901
SUPERVISORS, PRODUCTION OCCUPATIONS	231	6	9	51	71	56	24	12	2	$13 576	$14 741	156	$15 633
MANUFACTURING	128	-	-	9	33	54	18	12	2	$16 347	$18 653	111	$16 825
PRECISION METALWORKING OCCUPATIONS	5	-	-	-	-	5	-	-	-	$15 439	$16 005	5	$15 439
TOOL AND DIE MAKERS	5	-	-	-	-	5	-	-	-	$15 439	$16 005	5	$15 439
MACHINISTS	-	-	-	-	-	-	-	-	-	-	-	-	-
SHEET METAL WORKERS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER PRECISION METAL WORKERS	-	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	89	13	53	23	-	-	-	-	-	$3 614	$4 100	18	$7 800
PLANT AND SYSTEM OPERATORS	18	11	-	-	7	-	-	-	-	$1 667	$5 101	7	$11 000
OTHER PRECISION PRODUCTION OCCUPATIONS	245	21	49	88	47	18	17	5	-	$8 422	$9 287	129	$10 406

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

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

ANN ARBOR, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
OPERATORS, FABRICATORS, AND LABORERS	5 828	539	899	1 205	1 467	1 256	390	63	9	$10 873	$10 944	2 661	$13 637
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	4 801	363	606	938	1 289	1 166	367	63	9	$11 798	$11 730	2 313	$14 143
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	1 563	180	267	409	416	198	79	14	-	$9 240	$9 596	776	$11 883
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	200	2	10	59	90	24	7	8	-	$11 611	$11 939	111	$12 451
PRINTING MACHINE OPERATORS	301	43	70	82	87	19	-	-	-	$7 744	$7 759	151	$11 047
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	195	28	59	62	40	6	-	-	-	$6 700	$6 627	100	$9 375
TEXTILE MACHINE OPERATORS	8	3	5	-	-	-	-	-	-	$3 200	$2 245	-	-
TEXTILE SEWING MACHINE OPERATORS	20	3	2	10	5	-	-	-	-	$7 429	$7 951	18	$7 714
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	100	17	37	17	23	6	-	-	-	$5 765	$6 643	46	$10 750
OTHER SPECIFIED MACHINE OPERATORS	413	63	74	97	113	43	23	-	-	$9 018	$8 791	188	$11 360
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	454	44	54	109	86	106	49	6	-	$11 250	$11 788	226	$15 786
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	228	26	27	71	38	32	28	6	-	$9 200	$11 157	110	$15 676
MACHINE OPERATORS, NOT SPECIFIED	226	18	27	38	48	74	21	-	-	$13 217	$12 424	116	$15 777
INDUSTRY:													
MANUFACTURING	405	36	35	101	79	105	43	6	-	$12 159	$12 365	212	$15 779
NONDURABLE GOODS	108	21	16	39	22	10	-	-	-	$7 619	$7 983	39	$11 000
FOOD AND KINDRED PRODUCTS	6	2	-	4	-	-	-	-	-	$6 500	$5 632	-	-
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	5	-	-	-	-	5	-	-	-	$15 439	$15 005	5	$15 439
PAPER AND ALLIED PRODUCTS	3	3	-	-	-	-	-	-	-	$1,000-	$225	-	-
OTHER NONDURABLE GOODS	94	16	16	35	22	5	-	-	-	$7 765	$8 007	34	$10 444
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	297	15	19	62	57	95	43	6	-	$14 576	$13 959	173	$16 512
METAL INDUSTRIES	41	-	-	10	14	17	-	-	-	$13 064	$13 298	28	$15 000
MACHINERY, INCLUDING ELECTRICAL	55	6	2	25	16	-	-	6	-	$8 900	$12 105	31	$12 240
TRANSPORTATION EQUIPMENT	192	9	15	27	20	78	43	-	-	$15 997	$14 788	112	$18 172
OTHER DURABLE GOODS	9	-	2	-	7	-	-	-	-	$12 179	$10 605	2	$5 500
NONMANUFACTURING INDUSTRIES	49	8	19	8	7	1	6	-	-	$2 971	$7 018	14	$15 000
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	6	-	-	-	-	-	6	-	-	$20 453	$22 365	6	$20 453
WHOLESALE AND RETAIL TRADE	14	8	5	-	-	1	-	-	-	$1 875	$2 962	1	$15 439
ALL OTHER INDUSTRIES	29	-	14	8	7	-	-	-	-	$6 125	$5 800	7	$11 400
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	2 641	143	315	442	674	785	237	36	9	$13 012	$12 718	1 174	$15 403
WELDERS AND CUTTERS	87	5	24	5	21	20	12	-	-	$11 357	$11 729	30	$15 784
ASSEMBLERS	2 517	126	281	429	646	765	225	36	9	$13 162	$12 846	1 137	$15 413
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	37	12	10	8	7	-	-	-	-	$5 650	$6 311	7	$12 272
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	597	40	24	87	199	183	51	13	-	$13 386	$12 946	363	$14 448
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	491	72	151	131	81	50	6	-	-	$6 511	$7 175	153	$11 138
MOTOR VEHICLE OPERATORS	445	65	149	125	68	38	-	-	-	$6 193	$6 723	119	$11 056
TRUCK DRIVERS AND DRIVER-SALES WORKERS	101	5	19	34	14	29	-	-	-	$8 929	$9 561	50	$10 500
BUS DRIVERS	263	38	96	73	49	7	-	-	-	$5 904	$6 356	49	$12 209
RAIL AND WATER TRANSPORTATION OCCUPATIONS	6	-	-	-	-	-	6	-	-	$20 453	$24 005	6	$20 453
MATERIAL MOVING EQUIPMENT OPERATORS	40	7	2	6	13	12	-	-	-	$10 909	$9 673	28	$10 727
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	536	104	142	136	97	40	17	-	-	$6 830	$7 360	195	$11 000
CONSTRUCTION LABORERS	5	-	-	5	-	-	-	-	-	$9 000	$9 010	-	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	184	33	90	22	26	5	8	-	-	$5 088	$6 046	48	$10 500
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	21	7	10	4	-	-	-	-	-	$3 071	$2 688	4	$7 000
HAND PACKERS AND PACKAGERS	171	44	22	49	29	18	9	-	-	$7 219	$7 873	79	$12 378
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	33	-	20	7	6	-	-	-	-	$3 563	$5 472	13	$9 857
LABORERS, EXCEPT CONSTRUCTION	122	20	-	49	36	17	-	-	-	$9 619	$9 871	51	$12 662
MANUFACTURING	75	1	-	27	36	11	-	-	-	$12 424	$11 669	31	$13 522
NONDURABLE GOODS	24	-	-	19	-	5	-	-	-	$9 000	$10 099	10	$11 500
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	51	1	-	8	36	6	-	-	-	$12 707	$12 408	21	$13 388
METAL INDUSTRIES	1	1	-	-	-	-	-	-	-	$1 500	$1 295	1	$1 500
NONMANUFACTURING INDUSTRIES	47	19	-	22	-	6	-	-	-	$8 409	$7 002	20	$9 429
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	8	-	-	8	-	-	-	-	-	$9 000	$9 805	-	-
WHOLESALE AND RETAIL TRADE	20	6	-	14	-	-	-	-	-	$8 571	$6 566	14	$9 000
ALL OTHER INDUSTRIES	19	13	-	-	-	6	-	-	-	$1 417	$6 280	6	$15 439
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	6	-	6	-	-	-	-	-	-	$3 500	$3 005	-	-

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

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DETROIT, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
MALE EXPERIENCED CIVILIAN LABOR FORCE	1 137 171	63 856	104 115	89 164	144 229	206 211	200 994	289 940	38 662	$18 795	$20 425	736 378	$22 107
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	249 197	4 742	10 536	10 581	20 092	30 621	41 200	104 735	26 690	$25 749	$30 353	196 322	$27 723
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	127 974	2 046	4 631	5 171	10 682	16 575	19 850	53 526	15 493	$26 178	$31 368	109 434	$27 593
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	3 186	61	53	93	254	516	780	1 400	29	$23 647	$24 882	2 810	$24 543
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	3 518	-	62	84	126	235	406	2 554	51	$29 607	$28 342	1 977	$30 315
MANAGERS, MEDICINE AND HEALTH	1 027	21	5	78	72	125	161	418	147	$26 464	$30 511	923	$27 326
OTHER SPECIFIED MANAGERS	24 277	308	714	848	1 759	2 947	3 745	11 208	2 748	$27 277	$30 815	21 647	$28 432
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	56 732	778	1 893	2 542	4 638	6 647	7 713	22 518	10 003	$27 909	$35 701	49 006	$30 018
MANUFACTURING	20 703	119	176	282	671	1 288	2 557	10 464	5 146	$34 739	$44 654	18 990	$35 541
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	3 629	19	38	61	202	337	660	1 885	427	$28 393	$32 979	3 303	$29 030
WHOLESALE AND RETAIL TRADE	15 516	267	964	1 505	2 284	2 621	2 113	3 537	2 225	$20 215	$29 278	12 549	$22 345
ALL OTHER INDUSTRIES	16 884	373	715	694	1 481	2 401	2 383	6 632	2 205	$25 772	$31 210	14 164	$27 657
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	5 521	407	596	368	932	758	654	1 178	628	$17 678	$25 542	4 216	$19 819
CONSTRUCTION	740	46	72	64	152	84	89	143	90	$16 832	$29 174	434	$21 676
MANUFACTURING	652	52	84	15	87	75	104	135	100	$20 482	$25 822	540	$21 747
WHOLESALE AND RETAIL TRADE	2 492	245	278	184	446	377	280	494	188	$15 969	$21 737	1 947	$16 740
ALL OTHER INDUSTRIES	1 637	64	162	105	247	222	181	406	250	$20 414	$29 582	1 295	$22 519
MANAGEMENT RELATED OCCUPATIONS	33 713	471	1 308	1 158	2 901	5 347	6 391	14 250	1 887	$24 281	$26 384	28 855	$25 649
ACCOUNTANTS AND AUDITORS	14 484	136	623	642	1 245	2 456	2 686	5 839	857	$23 737	$25 756	12 338	$25 370
BUYERS AND PURCHASING AGENTS	4 544	39	105	113	471	799	869	1 952	196	$24 095	$25 768	4 109	$25 101
PROFESSIONAL SPECIALTY OCCUPATIONS	121 223	2 696	5 905	5 410	9 410	14 046	21 350	51 209	11 197	$25 369	$29 282	86 888	$27 861
ENGINEERS, ARCHITECTS, AND SURVEYORS	39 452	202	660	684	1 368	2 889	6 282	25 624	1 743	$29 642	$29 906	34 933	$30 267
ARCHITECTS	1 642	24	77	50	182	281	252	644	132	$23 906	$26 149	1 326	$25 548
ENGINEERS	37 541	171	551	593	1 161	2 554	5 962	24 950	1 599	$29 983	$30 152	33 404	$30 396
ELECTRICAL AND ELECTRONIC ENGINEERS	3 845	11	93	62	150	368	749	2 302	110	$27 274	$27 587	3 418	$28 155
MECHANICAL ENGINEERS	18 427	80	216	268	403	828	2 464	13 421	747	$31 001	$31 487	16 580	$31 340
OTHER ENGINEERS	15 269	80	242	263	608	1 358	2 749	9 227	742	$28 151	$29 188	13 406	$29 042
SURVEYORS AND MAPPING SCIENTISTS	269	7	32	41	25	54	68	30	12	$17 303	$18 398	203	$20 103
MATHEMATICAL AND COMPUTER SCIENTISTS	5 719	36	78	126	179	688	1 389	3 147	76	$26 044	$26 165	5 234	$26 503
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	3 598	36	28	82	123	444	875	1 985	25	$25 983	$25 816	3 354	$26 353
NATURAL SCIENTISTS	2 398	26	74	112	282	409	551	811	133	$22 261	$26 067	2 011	$23 541
HEALTH DIAGNOSING OCCUPATIONS	11 793	154	250	488	560	876	591	2 972	5 902	$50 034	$59 792	7 854	$53 202
PHYSICIANS	7 997	60	138	421	341	651	404	1 762	4 220	$52 364	$63 301	5 714	$56 330
DENTISTS	2 568	54	59	34	116	160	98	773	1 274	$49 607	$55 889	1 237	$52 163
OTHER HEALTH DIAGNOSING PRACTITIONERS	1 228	40	53	33	103	65	89	437	408	$35 406	$45 107	903	$40 207
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	4 538	133	344	382	712	757	874	1 201	135	$19 492	$20 243	3 261	$22 242
REGISTERED NURSES	808	22	32	52	151	240	148	147	16	$17 534	$19 261	590	$19 036
PHARMACISTS	2 281	57	136	187	172	147	561	906	95	$23 417	$23 599	1 729	$25 813
THERAPISTS	1 027	22	142	82	292	227	102	136	24	$14 516	$16 235	697	$16 557
TEACHERS, LIBRARIANS, AND COUNSELORS	24 036	661	1 727	1 167	2 273	3 957	7 458	6 631	162	$21 053	$20 153	8 502	$22 052
TEACHERS, POSTSECONDARY	3 213	97	321	170	220	377	489	1 458	81	$24 147	$23 508	1 561	$28 084
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	11 259	208	594	448	944	2 127	4 052	2 825	61	$21 092	$20 302	3 444	$21 638
TEACHERS, SECONDARY	5 980	87	304	289	674	977	2 132	1 509	8	$21 039	$20 020	1 866	$21 395
SOCIAL SCIENTISTS AND URBAN PLANNERS	2 310	27	66	59	181	252	441	1 087	197	$26 245	$28 519	1 877	$27 677
SOCIAL AND RECREATION WORKERS	3 311	222	382	209	499	995	587	398	19	$16 229	$15 873	2 405	$17 724
RELIGIOUS WORKERS	3 346	169	390	635	1 008	640	320	159	25	$12 253	$13 026	2 773	$12 819
LAWYERS AND JUDGES	8 739	162	510	367	554	704	888	3 308	2 246	$31 373	$41 268	7 109	$34 381
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	15 581	904	1 424	1 181	1 794	1 879	1 969	5 871	559	$21 297	$22 698	10 929	$25 668
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	198 233	9 611	18 694	16 384	26 597	37 434	34 665	47 492	7 356	$18 390	$20 183	144 156	$21 175
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	33 357	915	2 340	2 383	4 040	5 436	6 823	11 107	313	$20 873	$20 788	25 605	$22 901
HEALTH TECHNOLOGISTS AND TECHNICIANS	2 909	100	343	295	726	710	490	229	16	$14 916	$14 928	2 049	$16 719
LICENSED PRACTICAL NURSES	299	13	68	22	128	36	19	13	-	$12 055	$11 459	186	$12 938
ENGINEERING AND SCIENCE TECHNICIANS	22 240	596	1 490	1 665	2 355	3 468	4 269	8 204	193	$21 465	$21 423	17 031	$23 940
ELECTRICAL AND ELECTRONIC TECHNICIANS	3 148	55	196	194	406	617	968	712	-	$20 342	$19 230	2 500	$21 221
DRAFTING AND SURVEYING TECHNICIANS	11 423	430	926	1 146	1 365	1 598	1 654	4 218	86	$20 588	$20 565	8 224	$24 370
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	8 208	219	507	423	959	1 258	2 064	2 674	104	$21 373	$21 142	6 525	$22 745
AIRPLANE PILOTS AND NAVIGATORS	506	6	11	50	42	48	102	210	37	$24 616	$26 065	290	$26 963
COMPUTER PROGRAMMERS	3 822	61	275	189	462	723	916	1 155	41	$20 800	$20 445	3 099	$22 301
SALES OCCUPATIONS	88 307	5 293	9 254	7 550	12 114	14 231	12 396	20 993	6 476	$18 164	$22 021	62 913	$21 595
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	17 089	550	1 184	1 515	2 523	3 264	2 925	4 042	1 086	$19 023	$22 823	13 709	$20 742
SELF-EMPLOYED	3 829	243	330	331	499	560	544	1 006	316	$19 445	$23 088	3 104	$20 795
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	19 562	612	1 356	1 363	2 670	2 916	2 754	5 507	2 384	$21 303	$26 668	15 180	$23 600
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	22 044	370	788	1 029	2 430	3 617	3 770	7 780	2 260	$23 419	$27 876	18 208	$25 006
SALES WORKERS, RETAIL AND PERSONAL SERVICES	29 413	3 749	5 903	3 628	4 474	4 413	2 919	3 581	746	$11 478	$14 095	15 669	$17 526
CASHIERS	4 478	786	1 182	642	640	663	350	166	49	$7 465	$10 027	1 789	$15 752
SALES RELATED OCCUPATIONS	199	12	23	15	17	21	28	83	-	$21 752	$19 405	147	$25 695

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

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DETROIT, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	76 569	3 403	7 100	6 451	10 443	17 767	15 446	15 392	567	$17 613	$17 799	55 638	$20 256
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	11 491	95	285	426	903	1 896	2 454	5 209	223	$24 174	$24 529	10 276	$25 161
COMPUTER EQUIPMENT OPERATORS	3 126	63	192	295	614	634	649	638	41	$17 737	$18 270	2 502	$19 574
SECRETARIES, STENOGRAPHERS, AND TYPISTS	1 267	121	185	178	205	176	123	241	38	$13 624	$16 710	796	$18 952
SECRETARIES	760	74	114	112	108	89	57	178	28	$13 280	$17 860	477	$19 886
RECEPTIONISTS	315	80	92	37	46	6	36	18	-	$3 472	$8 859	126	$14 486
FILE CLERKS	1 444	133	167	157	208	242	228	302	7	$15 908	$16 163	881	$20 978
FINANCIAL RECORDS PROCESSING OCCUPATIONS	4 018	138	328	460	555	772	811	911	43	$18 049	$18 148	3 059	$20 697
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	2 587	108	278	337	361	403	467	596	37	$17 226	$17 709	1 913	$20 833
TELEPHONE OPERATORS	424	28	109	69	106	49	51	12	-	$10 235	$10 523	227	$14 410
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	8 328	464	821	483	727	3 884	1 480	445	24	$16 387	$15 846	6 072	$17 317
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	17 341	877	2 166	1 926	2 968	4 325	3 268	1 797	14	$15 580	$14 972	11 096	$17 935
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	1 265	13	77	82	269	340	311	168	5	$17 306	$17 738	1 108	$18 399
BANK TELLERS	605	20	173	194	114	65	14	25	-	$8 276	$9 304	303	$11 146
DATA-ENTRY KEYERS	371	13	31	57	74	36	69	91	-	$16 218	$17 218	265	$20 419
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	26 574	1 358	2 474	2 087	3 654	5 342	5 952	5 535	172	$18 102	$17 805	18 927	$20 739
SERVICE OCCUPATIONS	105 215	19 294	22 052	12 508	15 666	12 506	12 098	10 747	344	$9 590	$11 507	51 359	$16 975
PRIVATE HOUSEHOLD OCCUPATIONS	316	91	127	43	25	23	7	-	-	$3 000	$5 068	94	$10 333
PROTECTIVE SERVICE OCCUPATIONS	27 649	1 270	2 444	2 066	2 554	3 684	7 645	7 906	80	$20 833	$19 211	20 703	$22 336
FIREFIGHTING OCCUPATIONS	3 518	21	45	70	121	339	1 382	1 535	5	$23 868	$23 797	3 138	$24 248
POLICE AND DETECTIVES, PUBLIC SERVICE	9 134	23	164	144	339	1 243	3 922	3 284	15	$22 788	$23 056	8 086	$23 053
GUARDS	11 807	1 176	2 164	1 741	1 859	1 630	1 726	1 463	48	$11 980	$13 264	6 680	$17 968
OTHER PROTECTIVE SERVICE OCCUPATIONS	3 190	50	71	111	235	472	615	1 624	12	$25 165	$25 157	2 799	$25 582
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	77 250	17 933	19 481	10 399	13 087	8 799	4 446	2 841	264	$6 451	$8 775	30 562	$13 621
FOOD PREPARATION AND SERVICE OCCUPATIONS	28 898	10 417	10 033	3 836	2 372	1 138	579	434	89	$3 168	$5 282	6 347	$10 364
WAITERS AND FOOD COUNTER WORKERS	2 446	634	899	457	247	126	43	36	4	$4 201	$6 068	552	$10 213
COOKS	12 442	4 046	4 659	1 854	1 050	433	242	148	10	$3 357	$5 171	2 767	$9 907
HEALTH SERVICE OCCUPATIONS	4 142	558	920	879	1 025	455	144	128	33	$8 950	$10 002	2 129	$12 539
NURSING AIDES, ORDERLIES, AND ATTENDANTS	3 210	388	672	717	866	382	88	71	26	$9 242	$10 019	1 668	$12 433
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	37 771	5 865	6 921	4 614	8 596	6 549	3 330	1 819	77	$10 901	$10 994	19 208	$14 756
PERSONAL SERVICE OCCUPATIONS	6 439	1 093	1 607	1 070	1 094	657	393	460	65	$7 869	$10 647	2 878	$13 598
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	2 608	131	432	449	628	431	215	282	40	$11 802	$14 071	1 680	$14 479
FARMING, FORESTRY, AND FISHING OCCUPATIONS	8 905	1 625	2 095	1 264	1 372	1 257	604	534	154	$8 234	$11 031	4 491	$14 173
FARM OPERATORS AND MANAGERS	2 631	485	549	323	415	281	162	291	125	$9 435	$14 222	1 864	$10 932
FARM OCCUPATIONS, EXCEPT MANAGERIAL	1 498	395	442	285	196	94	40	46	-	$4 936	$6 636	548	$9 270
RELATED AGRICULTURAL OCCUPATIONS	4 516	709	1 074	630	724	810	368	181	20	$9 019	$10 349	1 926	$16 155
FORESTRY AND FISHING OCCUPATIONS	260	36	30	26	37	72	34	16	9	$15 042	$15 928	153	$17 155
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	239 278	6 768	15 109	15 282	26 820	39 694	49 921	82 548	3 136	$21 256	$21 227	164 895	$23 596
MECHANICS AND REPAIRERS	78 709	2 336	5 107	5 605	9 938	15 463	18 593	21 248	419	$20 165	$19 409	55 593	$21 525
AUTOMOBILE MECHANICS, INCLUDING BODY	24 155	1 102	2 035	2 397	4 153	5 109	5 033	4 174	152	$16 900	$16 895	16 082	$19 478
AIRCRAFT MECHANICS	810	34	27	46	57	119	260	263	4	$21 805	$20 910	649	$22 695
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	2 575	73	239	223	387	621	352	666	14	$17 473	$18 199	1 634	$19 909
OTHER MECHANICS AND REPAIRERS	51 169	1 127	2 806	2 939	5 341	9 614	12 948	16 145	249	$21 079	$20 633	37 228	$22 427
CONSTRUCTION TRADES	67 932	2 680	5 742	5 817	9 024	11 106	12 568	19 910	1 085	$19 761	$19 747	36 555	$23 789
CARPENTERS	13 763	757	1 596	1 736	2 575	2 531	2 409	2 046	113	$15 308	$15 636	5 471	$20 458
ELECTRICIANS	12 188	219	450	534	1 161	1 873	2 610	5 260	81	$23 218	$22 759	8 305	$25 559
PAINTERS, CONSTRUCTION AND MAINTENANCE	5 033	600	923	835	689	679	719	562	26	$11 258	$12 985	1 810	$19 629
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	10 380	190	501	488	1 021	1 501	2 073	4 492	114	$23 271	$22 595	6 988	$25 300
OTHER CONSTRUCTION TRADES	26 568	914	2 272	2 224	3 578	4 522	4 757	7 550	751	$19 671	$20 662	13 981	$24 143
EXTRACTIVE OCCUPATIONS	331	56	20	31	53	36	49	78	8	$15 609	$16 881	189	$21 032
PRECISION PRODUCTION OCCUPATIONS	92 306	1 696	4 240	3 829	7 805	13 089	18 711	41 312	1 624	$23 910	$23 881	72 558	$25 493
SUPERVISORS, PRODUCTION OCCUPATIONS	38 563	312	1 040	865	2 192	4 542	6 488	21 824	1 300	$27 277	$27 848	33 177	$28 213
MANUFACTURING	31 724	212	761	522	1 488	3 302	4 865	19 505	1 069	$28 564	$28 804	27 293	$29 664
PRECISION METALWORKING OCCUPATIONS	34 455	638	1 543	1 479	3 050	5 224	8 303	14 081	137	$22 776	$22 079	25 568	$24 435
TOOL AND DIE MAKERS	18 337	197	636	533	1 237	2 377	4 789	8 474	94	$24 163	$23 428	14 168	$25 307
MACHINISTS	7 459	283	455	557	1 045	1 627	1 594	1 885	13	$19 034	$18 714	5 237	$20 891
SHEET METAL WORKERS	2 918	60	120	139	304	482	742	1 061	10	$21 929	$21 140	1 943	$23 633
OTHER PRECISION METAL WORKERS	5 741	98	332	250	464	738	1 178	2 661	20	$23 976	$22 621	4 220	$25 427
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	1 292	63	226	173	374	236	131	89	-	$12 146	$12 590	770	$13 640
PLANT AND SYSTEM OPERATORS	4 195	59	85	156	323	696	1 063	1 774	39	$23 298	$23 111	3 532	$24 295
OTHER PRECISION PRODUCTION OCCUPATIONS	13 801	624	1 346	1 156	1 866	2 391	2 726	3 544	148	$18 725	$18 590	9 511	$21 258

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DETROIT, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
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TOTAL													
OPERATORS, FABRICATORS, AND LABORERS	335 510	21 742	35 257	32 866	53 621	84 674	62 496	43 872	982	$16 037	$15 703	174 875	$19 406
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	194 401	7 991	14 214	17 580	33 256	55 357	39 415	26 149	439	$16 658	$16 649	105 340	$19 658
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	102 894	4 316	8 106	9 129	16 775	26 815	21 455	16 005	293	$16 943	$16 973	61 942	$19 827
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	39 994	1 322	2 563	3 070	5 846	10 798	9 282	7 025	88	$17 864	$17 867	24 753	$20 471
PRINTING MACHINE OPERATORS	4 854	196	347	499	714	1 259	939	882	18	$17 162	$17 418	3 555	$18 929
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	2 218	239	421	367	465	421	186	89	30	$10 832	$11 821	1 008	$14 336
TEXTILE MACHINE OPERATORS	310	17	46	37	48	98	34	30	-	$15 207	$14 070	176	$17 550
TEXTILE SEWING MACHINE OPERATORS	584	27	50	38	126	174	123	35	11	$16 014	$16 437	274	$17 425
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	1 066	142	252	250	242	121	22	18	19	$8 500	$9 593	460	$11 312
OTHER SPECIFIED MACHINE OPERATORS	24 981	1 255	2 330	2 244	4 288	6 140	4 653	3 992	79	$16 477	$16 530	14 600	$19 301
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	30 847	1 304	2 445	2 949	5 462	8 197	6 395	4 017	78	$16 505	$16 472	18 026	$19 190
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	8 604	296	585	754	1 458	2 327	2 042	1 123	19	$17 080	$17 154	5 175	$19 888
MACHINE OPERATORS, NOT SPECIFIED	22 243	1 008	1 860	2 195	4 004	5 870	4 353	2 894	59	$16 293	$16 209	12 851	$18 919
INDUSTRY:													
MANUFACTURING	28 368	1 138	2 157	2 622	4 965	7 624	6 054	3 757	51	$16 663	$16 578	16 614	$19 387
NONDURABLE GOODS	3 979	239	360	371	853	1 086	725	345	-	$15 503	$15 038	2 355	$17 408
FOOD AND KINDRED PRODUCTS	824	83	63	46	197	236	119	80	-	$15 303	$14 633	508	$16 787
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	158	-	18	17	45	53	13	12	-	$14 822	$14 813	92	$13 032
PAPER AND ALLIED PRODUCTS	656	19	39	51	145	173	172	57	-	$16 644	$16 496	472	$18 890
OTHER NONDURABLE GOODS	2 341	137	240	257	466	624	421	196	-	$15 366	$14 787	1 283	$17 488
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	24 389	899	1 797	2 251	4 112	6 538	5 329	3 412	51	$16 885	$16 830	14 259	$19 786
METAL INDUSTRIES	5 426	249	448	607	1 155	1 402	844	716	5	$15 616	$15 907	3 185	$18 031
MACHINERY, INCLUDING ELECTRICAL	5 935	217	599	692	1 030	1 364	1 190	819	24	$16 180	$16 174	3 558	$19 399
TRANSPORTATION EQUIPMENT	11 324	348	584	716	1 624	3 314	3 016	1 714	8	$18 157	$17 841	6 521	$20 574
OTHER DURABLE GOODS	1 704	85	166	236	303	458	279	163	14	$15 442	$15 328	995	$17 182
NONMANUFACTURING INDUSTRIES	2 479	166	288	327	497	573	341	260	27	$14 544	$15 260	1 412	$17 212
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	419	14	13	58	80	115	87	52	-	$16 444	$16 670	308	$18 016
WHOLESALE AND RETAIL TRADE	903	54	111	73	218	269	108	63	7	$14 868	$15 552	600	$16 505
ALL OTHER INDUSTRIES	1 157	98	164	196	199	189	146	145	20	$13 114	$14 522	504	$17 859
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	72 821	3 115	5 457	7 754	14 323	22 664	12 572	6 811	125	$15 845	$15 595	31 652	$18 604
WELDERS AND CUTTERS	20 923	802	1 507	2 149	3 895	5 606	3 707	3 176	81	$16 403	$16 762	10 602	$19 931
ASSEMBLERS	50 334	2 240	3 695	5 426	10 210	16 724	8 629	3 381	29	$15 677	$15 121	20 167	$18 080
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	1 564	73	255	179	218	334	236	254	15	$15 610	$15 249	883	$18 438
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	18 686	560	651	697	2 158	5 878	5 388	3 333	21	$19 270	$18 972	11 746	$20 920
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	78 209	3 475	6 935	6 727	11 492	17 858	16 830	14 433	459	$17 478	$17 400	45 648	$20 432
MOTOR VEHICLE OPERATORS	48 930	2 611	5 238	4 641	7 155	9 857	10 071	9 005	352	$17 015	$16 855	28 359	$20 418
TRUCK DRIVERS AND DRIVER-SALES WORKERS	41 554	2 013	3 835	3 584	6 323	8 568	8 797	8 135	299	$17 503	$17 368	24 675	$20 572
BUS DRIVERS	2 446	119	274	350	291	614	451	315	32	$16 127	$15 841	1 370	$20 068
RAIL AND WATER TRANSPORTATION OCCUPATIONS	3 502	46	120	222	389	584	872	1 252	17	$21 792	$21 468	2 325	$24 331
MATERIAL MOVING EQUIPMENT OPERATORS	25 777	818	1 577	1 864	3 948	7 417	5 887	4 176	90	$17 647	$17 883	14 964	$20 059
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	1 256	49	109	88	179	328	313	163	27	$17 611	$18 292	521	$20 061
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	62 900	10 276	14 108	8 559	8 873	11 459	6 251	3 290	84	$9 295	$10 667	23 887	$16 616
CONSTRUCTION LABORERS	8 735	800	1 556	1 603	1 762	1 447	975	577	15	$11 170	$11 904	2 335	$17 838
FREIGHT, STOCK, AND MATERIAL HANDLERS	22 088	4 223	5 690	2 762	2 524	4 061	1 963	847	18	$7 593	$9 719	8 308	$16 510
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	5 641	1 849	2 095	830	441	206	116	89	15	$3 398	$5 406	1 226	$9 803
HAND PACKERS AND PACKAGERS	3 063	383	655	408	392	769	314	142	-	$11 148	$11 440	1 390	$16 721
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	6 615	1 420	1 582	845	729	909	673	451	6	$7 203	$10 140	2 339	$16 835
LABORERS, EXCEPT CONSTRUCTION	16 758	1 601	2 530	2 111	3 025	4 067	2 210	1 184	30	$13 361	$13 111	8 289	$16 946
MANUFACTURING	9 370	625	1 106	1 213	1 665	2 424	1 462	859	16	$15 098	$14 411	4 667	$17 798
NONDURABLE GOODS	1 348	119	281	205	290	313	113	27	-	$10 952	$10 909	617	$15 795
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	8 022	506	825	1 008	1 375	2 111	1 349	832	16	$15 465	$15 000	4 050	$18 272
METAL INDUSTRIES	2 935	161	339	422	415	696	513	377	12	$15 657	$15 425	1 408	$19 065
NONMANUFACTURING INDUSTRIES	7 388	976	1 424	898	1 360	1 643	748	325	14	$11 469	$11 461	3 622	$16 124
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	1 626	100	233	137	259	571	203	109	14	$15 425	$14 533	924	$16 801
WHOLESALE AND RETAIL TRADE	3 923	432	817	471	749	805	468	181	-	$11 578	$11 623	2 038	$16 299
ALL OTHER INDUSTRIES	1 839	444	374	290	352	267	77	35	-	$7 173	$8 401	660	$14 496
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	833	74	372	279	61	25	10	12	-	$5 737	$6 239	280	$6 865

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

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

DETROIT, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
FEMALE EXPERIENCED CIVILIAN LABOR FORCE	768 208	105 693	178 150	164 134	160 746	97 652	43 502	16 844	1 487	$8 463	$9 355	342 835	$12 216
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	152 092	11 336	21 312	20 622	32 583	33 023	22 938	9 528	750	$13 311	$13 490	70 396	$15 745
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	51 763	2 811	6 883	8 214	14 505	9 604	5 368	4 089	289	$12 545	$13 364	35 327	$14 634
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	1 679	75	160	206	424	423	226	165	-	$14 670	$14 493	1 200	$16 457
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	2 069	183	260	214	331	223	306	546	6	$15 844	$16 277	818	$17 017
MANAGERS, MEDICINE AND HEALTH	979	34	64	120	208	218	184	138	13	$16 088	$16 726	779	$16 977
OTHER SPECIFIED MANAGERS	8 217	333	992	1 350	2 448	1 726	753	550	65	$12 803	$13 527	6 148	$14 292
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	19 863	978	2 899	3 636	5 868	3 220	1 671	1 454	137	$11 834	$12 985	13 377	$13 859
MANUFACTURING	2 049	52	188	237	518	387	269	367	31	$15 270	$17 167	1 623	$17 073
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	1 065	14	57	103	160	249	255	227	-	$18 670	$18 626	887	$20 057
WHOLESALE AND RETAIL TRADE	7 165	431	1 373	1 664	2 166	861	334	277	59	$10 219	$11 190	4 626	$12 091
ALL OTHER INDUSTRIES	9 584	481	1 281	1 632	3 024	1 723	813	583	47	$12 073	$12 805	6 241	$14 162
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	1 263	251	362	167	179	138	39	99	28	$6 394	$9 267	614	$10 353
CONSTRUCTION	16	-	2	8	6	-	-	-	-	$9 500	$9 718	-	-
MANUFACTURING	73	8	21	15	7	4	-	12	6	$7 000	$13 929	33	$12 851
WHOLESALE AND RETAIL TRADE	737	181	204	67	105	98	27	48	7	$5 656	$8 213	384	$9 571
ALL OTHER INDUSTRIES	437	62	135	77	61	36	12	39	15	$7 075	$10 249	197	$11 786
MANAGEMENT RELATED OCCUPATIONS	17 693	957	2 146	2 521	5 047	3 656	2 189	1 137	40	$13 000	$13 373	12 391	$15 209
ACCOUNTANTS AND AUDITORS	7 533	312	837	1 231	2 234	1 561	959	393	6	$12 954	$13 346	5 283	$15 124
BUYERS AND PURCHASING AGENTS	2 226	49	239	432	668	476	197	144	21	$12 783	$13 778	1 677	$13 926
PROFESSIONAL SPECIALTY OCCUPATIONS	100 329	8 525	14 429	12 408	18 078	23 419	17 570	5 439	461	$13 966	$13 554	35 069	$16 521
ENGINEERS, ARCHITECTS, AND SURVEYORS	1 661	37	125	156	250	375	382	330	6	$18 103	$17 732	1 212	$20 724
ARCHITECTS	93	-	7	7	14	23	36	6	-	$18 703	$17 354	68	$20 491
ENGINEERS	1 536	29	113	149	228	341	346	324	6	$18 281	$17 932	1 129	$20 821
ELECTRICAL AND ELECTRONIC ENGINEERS	232	8	-	15	33	72	49	55	-	$18 841	$18 701	196	$19 671
MECHANICAL ENGINEERS	511	-	46	59	79	75	117	135	-	$19 698	$18 549	353	$22 301
OTHER ENGINEERS	793	21	67	75	116	194	180	134	6	$17 560	$17 310	580	$20 312
SURVEYORS AND MAPPING SCIENTISTS	32	8	5	-	8	11	-	-	-	$10 750	$9 243	15	$11 875
MATHEMATICAL AND COMPUTER SCIENTISTS	1 925	37	94	138	338	516	445	357	-	$17 995	$18 000	1 494	$19 727
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	1 016	31	37	65	189	257	260	177	-	$18 212	$17 918	787	$20 007
NATURAL SCIENTISTS	817	35	100	62	180	227	107	85	21	$15 448	$16 770	538	$17 861
HEALTH DIAGNOSING OCCUPATIONS	1 686	46	136	208	220	352	116	356	252	$17 908	$26 620	902	$19 678
PHYSICIANS	1 420	18	95	143	191	320	99	319	235	$18 828	$28 703	786	$21 808
DENTISTS	141	-	25	36	13	24	6	20	17	$13 824	$18 397	67	$12 354
OTHER HEALTH DIAGNOSING PRACTITIONERS	125	28	16	29	16	8	11	17	-	$8 600	$12 238	49	$12 083
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	25 568	1 156	2 902	4 217	5 795	7 774	2 804	895	25	$13 707	$13 199	12 967	$16 530
REGISTERED NURSES	20 992	821	2 262	3 495	4 519	6 825	2 348	697	25	$14 206	$13 437	10 605	$16 734
PHARMACISTS	694	60	93	126	113	72	153	77	-	$12 253	$13 736	306	$21 124
THERAPISTS	2 592	165	400	410	695	625	204	93	-	$12 470	$11 979	1 238	$15 284
TEACHERS, LIBRARIANS, AND COUNSELORS	50 467	5 193	7 852	4 968	7 307	10 491	12 198	2 437	21	$14 930	$13 515	8 073	$16 714
TEACHERS, POSTSECONDARY	2 538	303	518	301	290	366	462	298	-	$12 458	$13 216	599	$19 791
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	32 587	2 821	4 711	3 097	4 550	7 539	8 399	1 454	16	$15 512	$13 996	4 364	$17 282
TEACHERS, SECONDARY	8 302	676	1 038	744	1 538	1 709	2 245	352	-	$15 316	$14 285	1 406	$16 303
SOCIAL SCIENTISTS AND URBAN PLANNERS	1 302	45	122	112	245	333	276	158	11	$16 442	$16 420	687	$19 226
SOCIAL AND RECREATION WORKERS	6 887	449	573	816	1 940	2 333	546	230	-	$14 051	$13 286	4 625	$15 392
RELIGIOUS WORKERS	879	196	332	151	133	45	17	5	-	$5 203	$6 297	326	$8 686
LAWYERS AND JUDGES	1 341	101	208	112	223	192	190	250	65	$15 528	$17 979	867	$20 808
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	7 796	1 230	1 985	1 468	1 447	781	489	336	60	$7 903	$9 638	3 378	$13 408
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	366 843	45 248	82 664	87 830	90 270	41 705	14 043	4 564	519	$8 622	$9 015	187 634	$11 899
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	22 574	1 333	3 082	4 437	7 743	4 241	1 308	417	13	$11 640	$11 360	12 779	$13 842
HEALTH TECHNOLOGISTS AND TECHNICIANS	16 005	859	2 161	3 316	5 990	2 932	616	118	13	$11 477	$10 989	8 613	$13 470
LICENSED PRACTICAL NURSES	7 165	391	1 011	1 555	3 266	755	155	26	6	$11 202	$10 364	3 576	$12 856
ENGINEERING AND SCIENCE TECHNICIANS	2 801	199	502	535	732	546	206	81	-	$11 205	$11 229	1 688	$14 072
ELECTRICAL AND ELECTRONIC TECHNICIANS	302	6	66	43	85	79	18	5	-	$12 710	$11 777	198	$14 930
DRAFTING AND SURVEYING TECHNICIANS	1 218	101	246	254	344	175	50	48	-	$10 086	$10 262	700	$12 389
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	3 768	275	419	586	1 021	763	486	218	-	$12 689	$13 029	2 478	$15 566
AIRPLANE PILOTS AND NAVIGATORS	5	-	-	-	5	-	-	-	-	$11 000	$10 005	-	-
COMPUTER PROGRAMMERS	1 664	44	134	161	393	448	333	151	-	$15 766	$15 631	1 225	$17 643
SALES OCCUPATIONS	90 851	20 916	30 531	18 192	11 830	6 100	1 894	1 104	284	$5 060	$6 699	30 259	$10 578
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	6 481	545	1 200	1 893	1 774	618	193	192	66	$9 214	$10 418	4 242	$11 063
SELF-EMPLOYED	903	258	214	136	115	43	33	67	37	$5 598	$12 184	563	$8 077
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	10 364	1 122	2 238	1 976	2 383	1 363	641	535	106	$9 730	$11 061	5 425	$13 155
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	3 273	386	561	616	748	533	243	153	33	$10 509	$11 473	1 817	$13 716
SALES WORKERS, RETAIL AND PERSONAL SERVICES	70 485	18 781	26 446	13 645	6 907	3 586	817	224	79	$4 207	$5 502	18 727	$9 490
CASHIERS	31 298	8 198	11 173	5 366	3 362	2 684	399	90	26	$4 360	$5 972	8 731	$10 567
SALES RELATED OCCUPATIONS	248	82	86	62	18	-	-	-	-	$3 333	$4 249	48	$8 900

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

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DETROIT, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	253 418	22 999	49 051	65 201	70 697	31 364	10 841	3 043	222	$9 420	$9 636	144 596	$11 916
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	9 831	213	505	1 354	3 146	2 760	1 251	589	13	$14 432	$14 672	7 914	$15 295
COMPUTER EQUIPMENT OPERATORS	4 804	291	603	1 185	1 705	605	331	84	-	$10 800	$10 883	3 210	$12 253
SECRETARIES, STENOGRAPHERS, AND TYPISTS	88 094	6 854	15 067	22 843	27 929	10 563	3 637	1 092	109	$9 893	$9 944	52 443	$12 013
SECRETARIES	71 072	4 714	11 363	18 370	23 477	8 853	3 313	897	85	$10 186	$10 243	43 440	$12 109
RECEPTIONISTS	10 764	1 721	3 231	3 673	1 808	282	25	19	5	$6 484	$6 536	4 289	$9 438
FILE CLERKS	4 625	1 119	1 513	1 061	582	223	96	27	4	$4 851	$6 129	1 549	$9 652
FINANCIAL RECORDS PROCESSING OCCUPATIONS	34 013	2 321	6 247	9 261	10 776	3 612	1 337	421	38	$9 696	$9 790	20 472	$11 579
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	25 856	1 771	4 896	6 935	8 178	2 674	1 018	350	34	$9 662	$9 760	15 355	$11 637
TELEPHONE OPERATORS	5 386	468	1 126	1 509	1 736	443	79	25	-	$9 108	$8 835	2 968	$11 227
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	6 454	402	815	818	988	2 742	648	41	-	$15 166	$13 155	4 147	$16 047
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	6 058	611	996	1 522	1 449	1 017	391	72	-	$9 758	$10 208	3 560	$12 071
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	2 589	66	148	710	1 223	355	87	-	-	$11 213	$11 170	2 069	$11 875
BANK TELLERS	9 861	607	3 058	4 056	1 845	240	32	16	7	$7 287	$7 274	4 755	$9 378
DATA-ENTRY KEYERS	7 153	462	1 267	2 010	2 215	938	237	24	-	$9 718	$9 666	4 357	$11 724
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	63 786	7 864	14 475	15 199	15 295	7 584	2 690	633	46	$8 545	$8 992	32 863	$11 937
SERVICE OCCUPATIONS	144 318	38 196	53 195	31 157	15 148	4 329	1 519	675	99	$4 311	$5 383	41 302	$8 799
PRIVATE HOUSEHOLD OCCUPATIONS	6 628	3 174	2 788	455	131	38	15	21	6	$2 128	$2 860	1 111	$4 279
PROTECTIVE SERVICE OCCUPATIONS	3 827	735	996	546	438	356	574	182	-	$7 460	$9 699	1 675	$16 395
FIREFIGHTING OCCUPATIONS	27	-	-	6	7	-	-	14	-	$25 027	$18 095	27	$25 027
POLICE AND DETECTIVES, PUBLIC SERVICE	934	20	29	36	139	215	425	70	-	$20 133	$18 023	677	$20 559
GUARDS	2 655	684	940	483	247	108	111	82	-	$4 262	$6 440	831	$11 207
OTHER PROTECTIVE SERVICE OCCUPATIONS	211	31	27	21	45	33	38	16	-	$13 025	$12 777	140	$16 663
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	133 863	34 287	49 411	30 156	14 579	3 935	930	472	93	$4 446	$5 384	38 516	$8 771
FOOD PREPARATION AND SERVICE OCCUPATIONS	59 512	19 302	25 960	9 864	3 199	752	267	139	29	$3 322	$4 130	11 306	$7 364
WAITERS AND FOOD COUNTER WORKERS	32 687	11 052	15 459	4 501	1 325	225	89	20	16	$3 142	$3 724	5 340	$6 363
COOKS	11 057	2 809	4 616	2 531	796	198	63	44	-	$4 103	$4 849	2 804	$8 047
HEALTH SERVICE OCCUPATIONS	32 378	4 532	9 718	10 448	6 289	1 034	218	108	31	$6 727	$6 911	14 384	$9 351
NURSING AIDES, ORDERLIES, AND ATTENDANTS	20 442	2 965	6 067	6 368	4 018	746	173	83	22	$6 706	$6 983	9 308	$9 331
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	19 243	3 255	5 705	5 505	3 059	1 351	250	97	21	$6 443	$7 174	7 803	$9 595
PERSONAL SERVICE OCCUPATIONS	22 730	7 198	8 028	4 339	2 032	798	195	128	12	$3 799	$4 978	5 023	$8 687
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	8 212	1 233	2 977	2 046	1 292	451	115	91	7	$5 874	$6 792	2 698	$9 212
FARMING, FORESTRY, AND FISHING OCCUPATIONS	2 001	660	764	339	164	58	-	12	4	$3 405	$4 503	519	$7 064
FARM OPERATORS AND MANAGERS	341	138	103	36	51	7	-	6	-	$3 229	$4 612	163	$2 885
FARM OCCUPATIONS, EXCEPT MANAGERIAL	557	214	225	63	29	26	-	-	-	$2 620	$3 873	92	$8 824
RELATED AGRICULTURAL OCCUPATIONS	1 066	289	425	240	77	25	-	6	4	$4 085	$4 828	264	$7 482
FORESTRY AND FISHING OCCUPATIONS	37	19	11	-	7	-	-	-	-	$1 938	$3 646	-	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	13 923	1 302	2 742	2 845	3 013	1 983	1 152	853	33	$10 106	$11 224	7 598	$13 450
MECHANICS AND REPAIRERS	2 230	171	287	358	518	515	249	132	-	$12 849	$12 844	1 377	$15 616
AUTOMOBILE MECHANICS, INCLUDING BODY	354	45	72	44	105	50	28	10	-	$10 640	$10 431	159	$13 445
AIRCRAFT MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	11	-	-	-	6	-	5	-	-	$11 833	$15 914	11	$11 833
OTHER MECHANICS AND REPAIRERS	1 865	126	215	314	407	465	216	122	-	$13 403	$13 283	1 207	$15 820
CONSTRUCTION TRADES	1 105	161	195	143	230	175	142	52	7	$10 939	$11 457	544	$15 760
CARPENTERS	133	43	18	10	43	6	11	2	-	$7 571	$8 045	60	$10 923
ELECTRICIANS	227	11	20	31	53	36	50	26	-	$14 688	$14 988	168	$17 775
PAINTERS, CONSTRUCTION AND MAINTENANCE	210	81	41	51	32	-	5	-	-	$2 727	$4 793	19	$11 364
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	57	-	13	-	14	13	10	7	-	$15 395	$15 557	38	$14 393
OTHER CONSTRUCTION TRADES	478	26	103	51	88	120	66	17	7	$13 416	$13 168	259	$16 408
EXTRACTIVE OCCUPATIONS	28	-	-	12	-	9	7	-	-	$15 713	$14 136	22	$17 089
PRECISION PRODUCTION OCCUPATIONS	10 560	970	2 260	2 332	2 265	1 284	754	669	26	$9 481	$10 850	5 655	$12 622
SUPERVISORS, PRODUCTION OCCUPATIONS	3 652	148	365	662	892	534	491	546	14	$13 091	$14 680	2 580	$15 544
MANUFACTURING	1 982	77	107	281	386	328	356	433	14	$16 761	$17 119	1 522	$18 644
PRECISION METALWORKING OCCUPATIONS	1 076	97	170	232	249	183	110	29	6	$10 684	$11 328	562	$12 695
TOOL AND DIE MAKERS	260	22	18	51	54	32	71	12	-	$13 532	$13 981	160	$14 231
MACHINISTS	369	24	64	95	84	79	11	6	6	$10 081	$10 971	203	$12 849
SHEET METAL WORKERS	24	-	-	7	6	5	-	6	-	$14 346	$15 757	18	$12 701
OTHER PRECISION METAL WORKERS	423	51	88	79	105	67	28	5	-	$9 536	$9 758	181	$11 548
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	2 140	355	737	532	333	139	19	25	-	$5 889	$6 880	746	$9 627
PLANT AND SYSTEM OPERATORS	209	18	42	23	42	35	25	24	-	$12 996	$12 767	144	$16 286
OTHER PRECISION PRODUCTION OCCUPATIONS	3 483	352	946	883	749	393	109	45	6	$7 750	$9 012	1 623	$11 563

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

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

DETROIT, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
OPERATORS, FABRICATORS, AND LABORERS	88 932	8 915	17 456	21 295	19 568	16 554	3 850	1 212	82	$9 394	$9 955	35 368	$12 559
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	67 294	5 756	11 498	15 825	16 167	13 895	3 162	950	41	$10 160	$10 495	28 160	$12 757
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	37 206	3 444	7 340	9 629	8 661	6 155	1 424	535	18	$9 237	$9 760	16 322	$11 760
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	8 351	578	1 499	1 992	2 188	1 598	405	91	-	$10 193	$10 380	3 650	$12 721
PRINTING MACHINE OPERATORS	1 714	200	406	388	422	208	55	35	-	$8 782	$9 165	830	$11 877
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	9 060	880	1 784	2 182	1 985	1 871	220	126	12	$9 350	$9 906	3 554	$11 644
TEXTILE MACHINE OPERATORS	149	26	28	30	37	22	6	-	-	$9 240	$9 062	39	$13 058
TEXTILE SEWING MACHINE OPERATORS	5 852	361	689	1 025	1 715	1 747	185	118	12	$12 482	$11 949	2 217	$15 064
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	2 172	433	634	827	161	86	23	8	-	$6 084	$6 072	940	$7 949
OTHER SPECIFIED MACHINE OPERATORS	6 737	782	1 419	1 967	1 393	825	283	68	-	$8 231	$8 943	3 003	$11 015
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	11 344	1 004	2 232	3 100	2 673	1 653	461	215	6	$9 135	$9 763	5 285	$11 619
OCCUPATION: MISCELLANEOUS MACHINE OPERATORS, N.E.C.	2 881	224	535	749	788	394	93	98	-	$9 619	$10 222	1 400	$11 664
MACHINE OPERATORS, NOT SPECIFIED	8 463	780	1 697	2 351	1 885	1 259	368	117	6	$8 991	$9 606	3 885	$11 601
INDUSTRY: MANUFACTURING	10 079	798	2 002	2 688	2 409	1 559	420	197	6	$9 359	$9 964	4 715	$11 764
NONDURABLE GOODS	3 384	315	871	1 136	759	192	54	57	-	$7 864	$8 241	1 336	$10 126
FOOD AND KINDRED PRODUCTS	270	20	57	46	92	32	-	23	-	$11 846	$10 926	161	$13 634
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	324	4	66	160	64	16	14	-	-	$8 752	$9 035	137	$9 807
PAPER AND ALLIED PRODUCTS	256	16	66	94	75	5	-	-	-	$8 857	$8 038	124	$10 333
OTHER NONDURABLE GOODS	2 534	275	682	836	528	139	40	34	-	$7 372	$7 875	914	$9 592
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	6 695	483	1 131	1 552	1 650	1 367	366	140	6	$10 426	$10 835	3 379	$12 487
METAL INDUSTRIES	1 322	84	280	390	388	135	33	6	6	$9 118	$9 541	686	$10 493
MACHINERY, INCLUDING ELECTRICAL	1 293	159	297	246	267	268	46	10	-	$8 982	$9 499	627	$11 991
TRANSPORTATION EQUIPMENT	3 076	164	337	578	745	858	278	116	-	$12 756	$12 698	1 548	$15 370
OTHER DURABLE GOODS	1 004	76	217	338	250	106	9	8	-	$8 170	$8 550	518	$10 699
NONMANUFACTURING INDUSTRIES	1 265	206	230	412	264	94	41	18	-	$7 424	$8 157	570	$10 774
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	174	18	36	58	20	42	-	-	-	$7 535	$8 803	83	$15 008
WHOLESALE AND RETAIL TRADE	380	61	72	137	61	22	15	12	-	$7 046	$8 181	163	$10 333
ALL OTHER INDUSTRIES	711	127	122	217	183	30	26	6	-	$7 718	$7 986	324	$10 688
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	23 354	1 847	3 377	4 833	5 915	5 849	1 240	276	17	$11 458	$11 217	8 596	$14 457
WELDERS AND CUTTERS	2 020	130	292	519	515	421	111	32	-	$10 726	$11 040	718	$14 258
ASSEMBLERS	20 728	1 640	2 889	4 192	5 283	5 370	1 099	238	17	$11 680	$11 331	7 653	$14 681
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	606	77	196	122	117	58	30	6	-	$7 132	$7 935	225	$9 610
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	6 734	465	781	1 363	1 591	1 891	498	139	6	$12 187	$12 052	3 242	$14 641
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	7 872	714	2 374	2 484	1 044	718	316	211	11	$7 269	$8 621	1 992	$12 084
MOTOR VEHICLE OPERATORS	6 428	640	2 234	2 136	701	378	175	153	11	$6 574	$7 737	1 278	$11 341
TRUCK DRIVERS AND DRIVER-SALES WORKERS	1 650	166	461	408	260	183	82	83	7	$7 776	$9 825	634	$12 186
BUS DRIVERS	4 192	396	1 572	1 630	370	126	38	56	4	$6 281	$6 753	472	$10 588
RAIL AND WATER TRANSPORTATION OCCUPATIONS	71	7	5	22	15	-	22	-	-	$10 333	$12 118	49	$9 643
MATERIAL MOVING EQUIPMENT OPERATORS	1 373	67	135	326	328	340	119	58	-	$11 887	$12 580	665	$14 176
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	29	-	15	-	4	10	-	-	-	$3 967	$9 236	10	$15 439
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	13 766	2 445	3 584	2 986	2 357	1 941	372	51	30	$7 116	$8 080	5 216	$11 640
CONSTRUCTION LABORERS	271	55	85	72	35	15	6	3	-	$5 859	$6 975	89	$9 654
FREIGHT, STOCK, AND MATERIAL HANDLERS	4 017	867	1 196	726	568	537	114	9	-	$5 805	$7 333	1 341	$12 367
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	370	125	152	61	23	9	-	-	-	$3 365	$3 970	110	$7 364
HAND PACKERS AND PACKAGERS	5 193	785	1 256	1 198	1 081	751	79	13	30	$7 798	$8 558	2 119	$11 306
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	790	145	132	141	169	154	49	-	-	$9 505	$9 560	299	$13 891
LABORERS, EXCEPT CONSTRUCTION	3 125	468	763	788	481	475	124	26	-	$7 878	$8 454	1 258	$11 510
MANUFACTURING	1 795	176	358	456	299	377	114	15	-	$9 288	$9 921	750	$14 104
NONDURABLE GOODS	397	47	122	92	80	45	11	-	-	$7 788	$7 805	141	$11 967
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	1 398	129	236	364	219	332	103	15	-	$9 701	$10 521	609	$15 119
METAL INDUSTRIES	528	32	98	155	77	124	32	10	-	$9 523	$10 575	195	$15 286
NONMANUFACTURING INDUSTRIES	1 330	292	405	332	182	98	10	11	-	$5 573	$6 474	508	$9 741
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	166	24	47	50	20	19	6	-	-	$6 774	$7 358	52	$11 077
WHOLESALE AND RETAIL TRADE	669	95	188	197	137	52	-	-	-	$7 212	$7 124	286	$10 164
ALL OTHER INDUSTRIES	495	173	170	85	25	27	4	11	-	$4 236	$5 300	170	$8 636
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	99	36	17	46	-	-	-	-	-	$5 417	$3 987	18	$7 000

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

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FLINT, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
MALE EXPERIENCED CIVILIAN LABOR FORCE	131 687	7 644	11 720	9 461	15 259	25 716	25 782	33 734	2 371	$19 000	$19 369	85 767	$21 707
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	20 030	506	1 202	1 252	2 176	3 209	3 512	6 700	1 473	$22 021	$26 040	14 126	$24 846
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	9 693	177	536	637	1 121	1 455	1 587	3 466	714	$22 563	$25 599	7 807	$24 326
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	265	12	4	7	36	34	79	91	2	$21 986	$22 145	246	$22 497
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	555	-	11	28	42	50	96	326	2	$26 850	$25 693	273	$27 570
MANAGERS, MEDICINE AND HEALTH	68	-	7	-	-	13	-	25	23	$41 619	$43 948	56	$42 126
OTHER SPECIFIED MANAGERS	1 660	13	59	114	193	279	287	598	117	$22 652	$25 990	1 428	$23 865
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	4 282	95	253	276	504	596	590	1 477	491	$23 270	$27 969	3 553	$25 701
MANUFACTURING	972	14	19	20	58	61	64	511	225	$36 058	$40 270	845	$38 146
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	325	-	-	10	7	14	103	170	21	$26 283	$29 543	308	$26 724
WHOLESALE AND RETAIL TRADE	1 577	51	121	177	261	274	250	315	128	$17 890	$22 590	1 256	$19 948
ALL OTHER INDUSTRIES	1 408	30	113	69	178	247	173	481	117	$21 662	$25 137	1 144	$25 071
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	542	8	59	68	59	95	114	104	35	$18 797	$21 224	406	$20 477
CONSTRUCTION	106	2	38	30	5	12	7	12	-	$8 211	$11 256	47	$7 833
MANUFACTURING	49	6	15	-	7	12	3	6	-	$11 000	$10 557	26	$11 429
WHOLESALE AND RETAIL TRADE	236	-	-	22	34	51	45	60	24	$20 949	$26 948	192	$20 907
ALL OTHER INDUSTRIES	151	-	6	16	13	20	59	26	11	$21 157	$22 738	141	$21 499
MANAGEMENT RELATED OCCUPATIONS	2 321	49	143	144	287	388	421	845	44	$21 445	$21 802	1 845	$23 687
ACCOUNTANTS AND AUDITORS	842	16	47	40	86	107	148	378	20	$24 028	$23 616	725	$25 282
BUYERS AND PURCHASING AGENTS	349	19	9	31	53	61	83	93	-	$20 060	$19 564	271	$21 916
PROFESSIONAL SPECIALTY OCCUPATIONS	10 337	329	666	615	1 055	1 754	1 925	3 234	759	$21 597	$26 454	6 319	$25 366
ENGINEERS, ARCHITECTS, AND SURVEYORS	2 664	22	69	105	128	244	402	1 645	49	$27 683	$27 278	2 213	$29 047
ARCHITECTS	91	9	-	12	-	8	21	41	-	$23 634	$21 049	68	$24 664
ENGINEERS	2 512	13	61	93	113	217	369	1 597	49	$28 060	$27 727	2 105	$29 428
ELECTRICAL AND ELECTRONIC ENGINEERS	271	-	-	11	39	27	73	121	-	$23 698	$25 579	216	$27 871
MECHANICAL ENGINEERS	1 331	-	50	60	43	74	157	909	38	$30 014	$29 021	1 108	$30 937
OTHER ENGINEERS	910	13	11	22	31	116	139	567	11	$26 785	$26 473	781	$26 973
SURVEYORS AND MAPPING SCIENTISTS	61	-	8	-	15	19	12	7	-	$16 433	$18 111	40	$18 953
MATHEMATICAL AND COMPUTER SCIENTISTS	288	-	-	6	2	32	91	157	-	$25 999	$26 787	255	$25 814
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	153	-	-	6	2	11	54	80	-	$25 719	$26 544	133	$24 930
NATURAL SCIENTISTS	183	6	12	10	-	26	60	63	6	$22 606	$24 172	137	$22 937
HEALTH DIAGNOSING OCCUPATIONS	1 081	10	15	63	64	113	33	222	561	$52 137	$63 041	716	$57 597
PHYSICIANS	610	5	8	43	39	68	7	62	378	$64 712	$71 652	454	$67 754
DENTISTS	242	-	-	-	25	7	9	76	125	$51 346	$65 797	108	$55 444
OTHER HEALTH DIAGNOSING PRACTITIONERS	229	5	7	20	-	38	17	84	58	$30 197	$37 190	154	$33 830
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	434	23	26	20	67	82	71	127	18	$19 918	$21 258	299	$21 950
REGISTERED NURSES	93	-	12	14	7	21	8	31	-	$17 783	$17 043	59	$18 198
PHARMACISTS	206	12	4	-	21	18	49	84	18	$24 862	$27 238	153	$26 078
THERAPISTS	108	11	10	6	30	31	14	6	-	$14 592	$13 833	69	$14 480
TEACHERS, LIBRARIANS, AND COUNSELORS	3 114	142	185	95	378	803	1 011	500	-	$19 599	$18 411	941	$20 696
TEACHERS, POSTSECONDARY	350	19	44	5	19	30	35	198	-	$26 277	$22 795	176	$30 601
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	1 485	30	61	47	184	469	542	152	-	$19 261	$18 323	371	$20 218
TEACHERS, SECONDARY	942	52	48	14	124	262	365	77	-	$19 230	$17 825	267	$19 437
SOCIAL SCIENTISTS AND URBAN PLANNERS	106	-	-	17	7	29	2	51	-	$20 000	$22 944	70	$27 419
SOCIAL AND RECREATION WORKERS	346	32	41	9	75	104	66	19	-	$15 485	$14 307	203	$16 410
RELIGIOUS WORKERS	525	24	75	105	150	96	41	29	5	$11 648	$12 580	408	$12 760
LAWYERS AND JUDGES	525	9	35	19	50	104	19	180	109	$26 411	$44 159	437	$26 939
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	1 071	61	208	166	134	121	129	241	11	$13 348	$15 661	640	$20 509
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	17 445	1 079	1 833	1 775	2 425	3 427	2 842	3 659	405	$16 929	$17 963	12 337	$20 078
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	2 040	72	164	144	312	384	342	593	29	$19 054	$19 801	1 545	$21 647
HEALTH TECHNOLOGISTS AND TECHNICIANS	310	15	21	12	90	117	29	26	-	$15 399	$15 463	235	$16 376
LICENSED PRACTICAL NURSES	25	-	-	-	5	12	-	8	-	$17 385	$20 245	25	$17 385
ENGINEERING AND SCIENCE TECHNICIANS	1 269	45	106	126	141	147	270	410	24	$20 982	$20 739	953	$23 119
ELECTRICAL AND ELECTRONIC TECHNICIANS	166	-	16	15	24	35	42	34	-	$18 706	$17 699	127	$20 446
DRAFTING AND SURVEYING TECHNICIANS	605	32	81	79	75	66	97	169	6	$17 374	$17 625	416	$21 938
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	461	12	37	6	81	120	43	157	5	$18 588	$20 137	357	$21 982
AIRPLANE PILOTS AND NAVIGATORS	34	-	-	-	6	8	13	7	-	$20 703	$19 637	19	$20 216
COMPUTER PROGRAMMERS	236	12	14	-	21	61	26	97	5	$21 665	$22 249	195	$25 253
SALES OCCUPATIONS	8 972	690	1 081	1 133	1 405	1 662	1 120	1 534	347	$15 384	$17 418	6 073	$18 355
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	2 100	50	161	238	376	343	342	491	99	$17 927	$20 861	1 767	$19 505
SELF-EMPLOYED	416	19	61	34	71	50	59	107	15	$16 975	$18 601	371	$16 625
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	1 744	54	166	206	292	265	231	396	134	$17 543	$21 488	1 279	$20 087
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	1 410	42	75	93	238	367	191	335	69	$18 068	$21 082	1 129	$19 566
SALES WORKERS, RETAIL AND PERSONAL SERVICES	3 680	544	679	596	482	671	356	307	45	$10 237	$12 141	1 868	$16 536
CASHIERS	738	132	213	82	50	201	20	34	6	$6 980	$9 958	271	$16 108
SALES RELATED OCCUPATIONS	38	-	-	-	17	16	-	5	-	$15 304	$15 443	30	$16 047

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FLINT, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	6 433	317	588	498	708	1 381	1 380	1 532	29	$18 705	$18 140	4 719	$20 905
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	1 008	9	30	50	68	107	206	527	11	$25 415	$24 288	931	$25 818
COMPUTER EQUIPMENT OPERATORS	127	11	4	14	32	13	9	44	-	$15 779	$16 900	88	$20 455
SECRETARIES, STENOGRAPHERS, AND TYPISTS	75	18	19	5	-	6	13	14	-	$8 200	$12 445	44	$21 441
SECRETARIES	38	18	6	5	-	-	2	7	-	$4 167	$9 215	14	$27 500
RECEPTIONISTS	44	-	33	5	-	5	-	1	-	$5 267	$6 498	24	$5 462
FILE CLERKS	83	16	-	4	-	5	34	24	-	$21 767	$18 714	52	$24 246
FINANCIAL RECORDS PROCESSING OCCUPATIONS	335	25	55	42	36	67	39	65	6	$15 509	$15 545	217	$20 140
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	217	18	55	23	21	33	26	35	6	$12 924	$14 248	133	$20 068
TELEPHONE OPERATORS	27	1	-	5	7	2	5	7	-	$16 053	$17 393	26	$17 225
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	601	19	32	13	78	249	153	57	-	$17 530	$17 603	456	$18 339
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	1 689	78	131	153	187	473	360	307	-	$17 621	$17 197	1 163	$19 871
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	96	-	13	17	19	15	13	19	-	$14 732	$15 651	73	$18 124
BANK TELLERS	68	-	22	25	21	-	-	-	-	$7 333	$7 805	35	$9 857
DATA-ENTRY KEYERS	32	-	-	-	5	13	14	-	-	$18 864	$18 239	32	$18 864
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	2 248	140	249	165	255	426	534	467	12	$18 366	$17 517	1 578	$20 811
SERVICE OCCUPATIONS	10 733	2 351	2 153	991	1 284	1 527	1 317	1 082	28	$9 412	$11 330	5 318	$17 815
PRIVATE HOUSEHOLD OCCUPATIONS	17	12	-	5	-	-	-	-	-	$1 417	$3 111	5	$9 000
PROTECTIVE SERVICE OCCUPATIONS	2 515	202	200	149	189	466	625	679	5	$20 278	$18 399	1 913	$22 074
FIREFIGHTING OCCUPATIONS	341	-	-	-	6	53	156	121	5	$22 991	$23 455	330	$22 944
POLICE AND DETECTIVES, PUBLIC SERVICE	726	13	-	38	44	224	302	105	-	$20 380	$19 737	626	$20 747
GUARDS	1 079	186	189	99	124	97	56	328	-	$11 871	$14 655	638	$25 053
OTHER PROTECTIVE SERVICE OCCUPATIONS	369	3	11	12	15	92	111	125	-	$21 806	$22 038	319	$22 822
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	8 201	2 137	1 953	837	1 095	1 061	692	403	23	$6 043	$9 179	3 400	$15 473
FOOD PREPARATION AND SERVICE OCCUPATIONS	2 842	1 273	1 064	245	116	94	35	8	7	$2 397	$3 840	470	$8 214
WAITERS AND FOOD COUNTER WORKERS	294	110	142	34	8	-	-	-	-	$2 552	$3 005	27	$5 577
COOKS	1 363	477	592	142	70	52	22	8	-	$2 951	$4 369	277	$8 550
HEALTH SERVICE OCCUPATIONS	419	48	69	126	91	44	11	30	-	$8 953	$10 445	250	$12 204
NURSING AIDES, ORDERLIES, AND ATTENDANTS	310	19	47	98	85	21	11	29	-	$9 571	$11 563	200	$12 243
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	4 347	713	674	399	758	854	584	349	16	$12 328	$12 463	2 386	$16 604
PERSONAL SERVICE OCCUPATIONS	593	103	146	67	130	69	62	16	-	$8 886	$9 806	294	$14 099
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	316	12	71	37	78	62	49	7	-	$12 057	$12 506	211	$15 094
FARMING, FORESTRY, AND FISHING OCCUPATIONS	1 655	376	441	177	260	166	91	124	20	$6 202	$9 603	927	$11 364
FARM OPERATORS AND MANAGERS	708	159	153	54	146	66	40	72	18	$9 000	$11 046	533	$10 762
FARM OCCUPATIONS, EXCEPT MANAGERIAL	343	132	97	50	30	19	2	11	2	$3 524	$5 918	147	$7 526
RELATED AGRICULTURAL OCCUPATIONS	567	79	170	63	84	81	49	41	-	$8 034	$10 340	242	$15 954
FORESTRY AND FISHING OCCUPATIONS	37	6	21	10	-	-	-	-	-	$5 500	$4 827	5	$7 000
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	31 002	885	2 143	2 010	3 107	4 238	5 220	13 052	347	$22 647	$21 956	22 082	$25 504
MECHANICS AND REPAIRERS	10 381	266	688	600	1 277	1 600	1 932	3 954	64	$21 614	$20 847	7 521	$23 439
AUTOMOBILE MECHANICS, INCLUDING BODY	3 349	149	366	261	511	576	614	847	25	$18 009	$17 751	2 134	$20 874
AIRCRAFT MECHANICS	29	-	8	6	15	-	-	-	-	$12 015	$9 074	5	$12 272
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	242	6	22	36	52	59	43	24	-	$15 279	$15 581	195	$16 574
OTHER MECHANICS AND REPAIRERS	6 761	111	292	297	699	965	1 275	3 083	39	$23 737	$22 620	5 187	$25 100
CONSTRUCTION TRADES	8 812	460	956	1 054	996	1 299	1 439	2 518	90	$18 318	$18 259	4 866	$23 691
CARPENTERS	1 810	152	347	413	277	281	189	151	-	$9 899	$11 778	567	$18 009
ELECTRICIANS	1 831	15	47	81	110	202	355	1 015	6	$25 892	$24 778	1 465	$26 777
PAINTERS, CONSTRUCTION AND MAINTENANCE	764	106	166	75	144	76	55	137	5	$11 489	$13 127	297	$20 749
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	1 365	41	68	68	130	185	291	582	-	$22 902	$21 773	993	$25 179
OTHER CONSTRUCTION TRADES	3 042	146	328	417	335	555	549	633	79	$17 251	$17 905	1 544	$22 040
EXTRACTIVE OCCUPATIONS	31	-	-	3	11	9	8	-	-	$15 538	$15 590	27	$15 504
PRECISION PRODUCTION OCCUPATIONS	11 778	159	499	353	823	1 330	1 841	6 580	193	$26 433	$25 715	9 668	$27 549
SUPERVISORS, PRODUCTION OCCUPATIONS	5 509	56	201	114	286	524	590	3 572	166	$30 367	$28 908	4 841	$30 734
MANUFACTURING	4 861	22	158	78	204	327	471	3 440	161	$31 121	$30 350	4 257	$31 545
PRECISION METALWORKING OCCUPATIONS	4 911	69	196	132	284	459	980	2 777	14	$25 778	$24 397	3 842	$26 624
TOOL AND DIE MAKERS	3 063	40	111	41	92	222	669	1 881	7	$26 210	$25 382	2 433	$26 844
MACHINISTS	966	26	47	69	99	127	177	414	7	$22 909	$21 664	737	$25 238
SHEET METAL WORKERS	549	3	30	-	63	69	88	296	-	$25 709	$24 138	415	$27 310
OTHER PRECISION METAL WORKERS	333	-	8	22	30	41	46	186	-	$25 522	$23 696	257	$26 786
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	78	11	7	11	23	16	-	10	-	$11 667	$13 756	56	$14 313
PLANT AND SYSTEM OPERATORS	301	2	2	18	45	78	69	87	-	$20 276	$20 223	207	$20 683
OTHER PRECISION PRODUCTION OCCUPATIONS	979	21	93	78	185	253	202	134	13	$16 730	$17 000	722	$18 368

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

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

FLINT, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
OPERATORS, FABRICATORS, AND LABORERS	50 670	2 440	3 868	3 201	6 002	13 144	12 800	9 117	98	$18 346	$17 695	30 932	$20 681
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	33 186	895	1 558	1 541	3 664	9 736	9 397	6 357	38	$19 416	$18 878	21 337	$20 909
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	12 273	353	690	701	1 275	2 974	3 429	2 851	-	$20 131	$18 988	8 207	$21 474
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	5 962	106	228	219	525	1 534	1 796	1 554	-	$20 690	$20 065	4 099	$21 946
PRINTING MACHINE OPERATORS	228	18	28	40	41	40	48	13	-	$13 215	$13 369	133	$17 704
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	141	13	44	26	30	-	15	13	-	$8 077	$10 407	69	$13 879
TEXTILE MACHINE OPERATORS	9	-	7	2	-	-	-	-	-	$3 900	$4 727	-	-
TEXTILE SEWING MACHINE OPERATORS	9	-	-	-	-	-	9	-	-	$20 453	$20 005	9	$20 453
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	107	13	33	18	24	-	6	13	-	$7 364	$10 333	48	$13 825
OTHER SPECIFIED MACHINE OPERATORS	2 151	86	149	170	294	475	604	373	-	$18 653	$17 831	1 378	$20 729
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	3 791	130	241	246	385	925	966	898	-	$19 762	$18 608	2 528	$21 382
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	755	39	52	40	94	153	208	169	-	$19 978	$18 446	565	$21 217
MACHINE OPERATORS, NOT SPECIFIED	3 036	91	189	206	291	772	758	729	-	$19 718	$18 649	1 963	$21 435
INDUSTRY:													
MANUFACTURING	3 514	112	191	198	333	866	926	888	-	$20 200	$19 095	2 366	$21 693
NONDURABLE GOODS	204	22	26	16	35	62	32	11	-	$15 141	$13 298	138	$17 085
FOOD AND KINDRED PRODUCTS	74	-	-	5	22	41	6	-	-	$15 510	$15 281	50	$16 276
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	6	-	-	6	-	-	-	-	-	$7 000	$6 855	6	$7 000
PAPER AND ALLIED PRODUCTS	67	16	6	5	11	14	15	-	-	$12 252	$11 771	49	$16 145
OTHER NONDURABLE GOODS	57	6	20	-	2	7	11	11	-	$15 274	$13 196	33	$21 941
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	3 310	90	165	182	298	804	894	877	-	$20 435	$19 453	2 228	$21 956
METAL INDUSTRIES	317	5	25	28	42	111	69	37	-	$17 017	$16 733	157	$19 269
MACHINERY, INCLUDING ELECTRICAL	244	23	62	41	49	42	10	17	-	$9 667	$10 707	94	$16 379
TRANSPORTATION EQUIPMENT	2 602	34	68	87	172	632	794	815	-	$21 444	$21 078	1 921	$22 506
OTHER DURABLE GOODS	147	28	10	26	35	19	21	8	-	$12 042	$11 056	56	$13 578
NONMANUFACTURING INDUSTRIES	277	18	50	48	52	59	40	10	-	$11 406	$12 434	162	$15 161
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	46	-	-	10	10	17	9	-	-	$15 507	$15 316	35	$15 739
WHOLESALE AND RETAIL TRADE	119	4	33	36	14	21	11	-	-	$8 500	$10 330	73	$12 254
ALL OTHER INDUSTRIES	112	14	17	2	28	21	20	10	-	$12 753	$13 485	54	$17 136
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	17 291	475	789	742	2 119	5 873	4 800	2 461	32	$18 410	$18 339	10 484	$20 304
WELDERS AND CUTTERS	3 333	117	199	173	422	991	751	680	-	$18 402	$18 599	2 182	$20 487
ASSEMBLERS	13 852	352	572	557	1 680	4 865	4 035	1 759	32	$18 426	$18 302	8 242	$20 276
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	106	6	18	12	17	17	14	22	-	$15 000	$15 041	60	$15 676
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	3 622	67	79	98	270	889	1 168	1 045	6	$21 251	$21 075	2 646	$22 096
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	10 011	305	694	778	1 259	2 119	2 441	2 372	43	$19 524	$18 774	6 421	$21 134
MOTOR VEHICLE OPERATORS	6 063	242	521	620	768	1 226	1 266	1 389	31	$18 231	$17 847	3 637	$20 711
TRUCK DRIVERS AND DRIVER-SALES WORKERS	5 442	150	448	522	679	1 148	1 180	1 284	31	$18 724	$18 345	3 343	$20 827
BUS DRIVERS	229	19	26	59	42	52	24	7	-	$11 235	$11 463	116	$15 854
RAIL AND WATER TRANSPORTATION OCCUPATIONS	518	5	20	3	39	95	164	192	-	$22 437	$22 589	394	$23 929
MATERIAL MOVING EQUIPMENT OPERATORS	3 430	58	153	155	452	798	1 011	791	12	$20 310	$19 836	2 390	$21 219
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	168	7	8	6	18	47	41	41	-	$19 696	$19 918	83	$19 205
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	7 473	1 240	1 616	882	1 079	1 289	962	388	17	$9 992	$10 994	3 174	$16 614
CONSTRUCTION LABORERS	1 137	123	251	212	247	201	67	25	11	$9 607	$10 594	316	$14 738
FREIGHT, STOCK, AND MATERIAL HANDLERS	2 828	527	634	241	292	544	415	169	6	$10 212	$11 225	1 314	$17 328
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	794	196	316	128	100	36	13	5	-	$3 851	$5 627	249	$9 750
HAND PACKERS AND PACKAGERS	296	20	29	27	43	89	78	10	-	$16 147	$14 667	124	$20 000
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	755	140	191	101	84	128	77	34	-	$7 691	$9 938	273	$15 810
LABORERS, EXCEPT CONSTRUCTION	1 663	234	195	173	313	291	312	145	-	$13 612	$13 264	898	$17 800
MANUFACTURING	927	66	78	54	160	192	265	112	-	$17 312	$16 041	573	$20 201
NONDURABLE GOODS	86	16	11	-	18	19	22	-	-	$13 382	$12 110	59	$17 465
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	841	50	67	54	142	173	243	112	-	$17 690	$16 443	514	$20 343
METAL INDUSTRIES	130	9	25	7	35	19	29	6	-	$11 846	$12 868	56	$20 573
NONMANUFACTURING INDUSTRIES	736	168	117	119	153	99	47	33	-	$8 875	$9 767	325	$14 975
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	174	-	22	29	53	38	15	17	-	$13 502	$14 035	87	$15 992
WHOLESALE AND RETAIL TRADE	376	75	62	82	72	43	26	16	-	$8 324	$9 822	200	$13 918
ALL OTHER INDUSTRIES	186	93	33	8	28	18	6	-	-	$2 000	$5 663	38	$15 349
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	152	7	80	55	5	5	-	-	-	$5 718	$5 991	45	$7 375

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

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FLINT, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
FEMALE EXPERIENCED CIVILIAN LABOR FORCE	85 940	12 238	20 128	16 877	15 935	13 077	5 521	2 112	52	$8 473	$9 523	37 116	$12 599
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	15 305	1 519	2 044	2 292	3 473	3 617	1 656	680	24	$12 553	$12 407	6 070	$15 092
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	4 092	292	663	769	1 021	660	366	310	11	$11 385	$12 310	2 598	$13 555
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	175	6	32	14	34	55	23	11	-	$15 076	$14 319	107	$16 062
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	262	39	27	30	31	31	48	56	-	$15 506	$14 785	88	$15 000
MANAGERS, MEDICINE AND HEALTH	60	-	8	16	11	8	17	-	-	$13 416	$13 187	35	$15 792
OTHER SPECIFIED MANAGERS	630	39	108	104	245	51	38	45	-	$10 992	$11 417	426	$12 252
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	1 546	102	287	393	351	213	111	78	11	$9 913	$11 584	1 037	$12 788
MANUFACTURING	73	-	10	12	2	15	12	15	7	$18 914	$22 903	57	$21 893
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	71	-	9	-	27	22	13	-	-	$14 917	$15 184	52	$15 599
WHOLESALE AND RETAIL TRADE	618	19	109	203	130	92	40	25	-	$9 607	$10 873	427	$11 071
ALL OTHER INDUSTRIES	784	83	159	178	192	84	46	38	4	$9 317	$10 764	501	$12 853
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	141	22	29	27	16	11	5	31	-	$8 500	$13 456	69	$15 165
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING	2	-	-	2	-	-	-	-	-	$9 000	$8 005	2	$9 000
WHOLESALE AND RETAIL TRADE	84	16	17	18	5	4	5	19	-	$7 800	$13 659	50	$11 200
ALL OTHER INDUSTRIES	55	6	12	7	11	7	-	12	-	$10 455	$13 344	17	$16 800
MANAGEMENT RELATED OCCUPATIONS	1 278	84	172	185	333	291	124	89	-	$12 673	$12 678	836	$15 070
ACCOUNTANTS AND AUDITORS	471	2	43	51	134	121	75	45	-	$15 144	$15 146	350	$15 518
BUYERS AND PURCHASING AGENTS	110	4	6	38	25	26	11	-	-	$11 400	$11 676	71	$12 637
PROFESSIONAL SPECIALTY OCCUPATIONS	11 213	1 227	1 381	1 523	2 452	2 957	1 290	370	13	$13 003	$12 443	3 472	$15 584
ENGINEERS, ARCHITECTS, AND SURVEYORS	165	-	-	4	12	33	51	65	-	$22 806	$21 679	137	$22 965
ARCHITECTS	-	-	-	-	-	-	-	-	-	-	-	-	-
ENGINEERS	165	-	-	4	12	33	51	65	-	$22 806	$21 679	137	$22 965
ELECTRICAL AND ELECTRONIC ENGINEERS	33	-	-	-	7	-	-	26	-	$25 313	$23 178	33	$25 313
MECHANICAL ENGINEERS	58	-	-	-	-	27	24	7	-	$20 201	$20 605	46	$20 916
OTHER ENGINEERS	74	-	-	4	5	6	27	32	-	$23 711	$21 853	58	$22 688
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	51	6	5	2	10	5	16	7	-	$17 199	$15 697	26	$20 145
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	30	6	-	2	-	5	10	7	-	$20 640	$17 438	10	$20 453
NATURAL SCIENTISTS	44	-	5	11	16	12	-	-	-	$12 000	$11 362	16	$15 267
HEALTH DIAGNOSING OCCUPATIONS	122	-	19	13	10	30	10	27	13	$17 708	$24 758	75	$26 577
PHYSICIANS	107	-	9	13	10	30	5	27	13	$18 143	$26 691	75	$26 577
DENTISTS	5	-	-	-	-	-	5	-	-	$20 453	$23 005	-	-
OTHER HEALTH DIAGNOSING PRACTITIONERS	10	-	10	-	-	-	-	-	-	$5 167	$4 955	-	-
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	3 249	125	288	723	911	847	187	168	-	$12 566	$12 761	1 629	$15 860
REGISTERED NURSES	2 724	99	257	582	715	764	164	143	-	$12 913	$12 934	1 348	$16 151
PHARMACISTS	141	12	11	56	25	10	7	20	-	$9 528	$11 876	84	$12 690
THERAPISTS	226	14	15	36	120	36	5	-	-	$11 433	$10 889	95	$12 060
TEACHERS, LIBRARIANS, AND COUNSELORS	6 047	822	782	545	1 150	1 749	934	65	-	$13 786	$12 401	820	$14 959
TEACHERS, POSTSECONDARY	278	47	41	42	43	29	57	19	-	$10 900	$12 238	55	$12 317
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	3 862	386	503	336	729	1 273	605	30	-	$14 825	$13 050	455	$15 054
TEACHERS, SECONDARY	996	126	112	48	204	335	171	-	-	$15 064	$13 042	122	$15 234
SOCIAL SCIENTISTS AND URBAN PLANNERS	100	5	4	11	31	5	21	23	-	$14 775	$16 544	67	$19 396
SOCIAL AND RECREATION WORKERS	557	26	54	41	205	171	60	-	-	$13 700	$13 033	374	$15 077
RELIGIOUS WORKERS	96	30	47	1	13	5	-	-	-	$4 167	$4 598	43	$4 682
LAWYERS AND JUDGES	74	14	10	-	28	22	-	-	-	$12 755	$10 321	33	$15 021
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	708	199	167	172	66	78	11	15	-	$5 760	$7 133	252	$9 913
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	34 895	4 752	9 107	8 566	7 159	3 195	1 625	474	17	$7 662	$8 451	16 683	$11 405
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	2 684	158	405	583	936	456	111	35	-	$11 210	$10 721	1 459	$13 477
HEALTH TECHNOLOGISTS AND TECHNICIANS	2 193	117	301	488	820	369	70	28	-	$11 438	$10 735	1 206	$13 510
LICENSED PRACTICAL NURSES	1 220	57	169	255	543	169	13	14	-	$11 767	$10 437	666	$13 186
ENGINEERING AND SCIENCE TECHNICIANS	158	14	63	13	26	24	11	7	-	$6 500	$9 999	76	$13 844
ELECTRICAL AND ELECTRONIC TECHNICIANS	14	-	6	2	-	6	-	-	-	$9 000	$11 702	14	$9 000
DRAFTING AND SURVEYING TECHNICIANS	56	14	12	3	7	16	4	-	-	$9 333	$9 852	23	$15 456
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	333	27	41	82	90	63	30	-	-	$10 786	$10 970	177	$13 031
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	127	-	17	23	31	42	14	-	-	$13 684	$13 228	90	$15 000
SALES OCCUPATIONS	10 109	2 314	3 826	1 980	1 204	503	146	136	-	$4 773	$6 086	3 255	$9 217
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	858	66	227	200	251	44	30	40	-	$8 815	$9 535	566	$10 264
SELF-EMPLOYED	198	29	63	27	34	21	5	19	-	$6 700	$9 299	130	$7 429
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	831	106	201	208	169	71	33	43	-	$8 579	$9 214	393	$10 664
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	144	23	40	21	34	12	8	6	-	$7 500	$8 687	58	$13 918
SALES WORKERS, RETAIL AND PERSONAL SERVICES	8 248	2 111	3 344	1 545	750	376	75	47	-	$4 317	$5 377	2 238	$8 525
CASHIERS	3 617	843	1 359	572	489	267	43	44	-	$4 675	$6 312	1 057	$9 983
SALES RELATED OCCUPATIONS	28	8	14	6	-	-	-	-	-	$2 857	$3 198	-	-

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

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

FLINT, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	22 102	2 280	4 876	6 003	5 019	2 236	1 368	303	17	$8 643	$9 257	11 969	$11 598
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	827	40	87	166	220	147	103	64	-	$12 407	$13 449	668	$13 871
COMPUTER EQUIPMENT OPERATORS	467	20	39	148	153	37	57	13	-	$10 726	$11 164	359	$12 198
SECRETARIES, STENOGRAPHERS, AND TYPISTS	7 783	834	1 657	2 359	1 899	574	402	55	3	$8 424	$8 747	4 147	$11 035
SECRETARIES	6 507	666	1 367	2 076	1 503	490	347	55	3	$8 435	$8 809	3 484	$10 887
RECEPTIONISTS	976	120	347	293	162	39	8	7	-	$6 269	$6 703	344	$9 948
FILE CLERKS	358	137	110	56	36	13	-	6	-	$2 737	$4 651	80	$9 667
FINANCIAL RECORDS PROCESSING OCCUPATIONS	3 144	220	699	787	797	383	213	38	7	$9 438	$9 958	1 940	$12 050
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	2 447	175	561	608	642	307	126	21	7	$9 332	$9 681	1 468	$12 020
TELEPHONE OPERATORS	381	39	100	73	148	15	6	-	-	$8 130	$8 321	208	$11 000
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	619	75	41	82	70	231	114	6	-	$15 515	$13 331	384	$17 284
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	577	50	79	163	132	107	44	2	-	$9 910	$10 321	336	$11 585
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	63	-	-	9	36	11	7	-	-	$12 691	$13 688	56	$13 146
BANK TELLERS	1 135	93	272	503	243	7	12	5	-	$7 667	$7 535	621	$9 226
DATA-ENTRY KEYERS	473	28	110	139	123	34	39	-	-	$9 236	$9 370	266	$11 435
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	5 299	624	1 335	1 225	1 000	638	363	107	7	$8 151	$9 330	2 560	$12 484
SERVICE OCCUPATIONS	16 534	4 551	6 403	3 010	1 765	486	171	137	11	$4 139	$5 313	4 613	$8 851
PRIVATE HOUSEHOLD OCCUPATIONS	851	547	261	36	-	-	7	-	-	$1 255	$2 025	143	$4 023
PROTECTIVE SERVICE OCCUPATIONS	414	49	133	66	44	36	51	35	-	$7 163	$10 604	163	$20 269
FIREFIGHTING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
POLICE AND DETECTIVES, PUBLIC SERVICE	76	-	13	-	-	5	51	7	-	$20 913	$18 932	58	$21 518
GUARDS	296	41	115	60	28	24	-	28	-	$5 619	$8 662	89	$13 601
OTHER PROTECTIVE SERVICE OCCUPATIONS	42	8	5	6	16	7	-	-	-	$12 207	$9 221	16	$12 272
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	15 269	3 955	6 009	2 908	1 721	450	113	102	11	$4 268	$5 353	4 307	$8 916
FOOD PREPARATION AND SERVICE OCCUPATIONS	6 889	2 179	3 280	939	352	106	12	21	-	$3 313	$3 984	1 265	$7 363
WAITERS AND FOOD COUNTER WORKERS	3 780	1 264	1 968	409	106	33	-	-	-	$3 076	$3 387	552	$6 313
COOKS	1 375	346	573	283	141	13	12	7	-	$4 229	$5 112	401	$8 159
HEALTH SERVICE OCCUPATIONS	3 782	504	1 146	1 034	845	173	35	43	2	$6 777	$7 365	1 643	$10 071
NURSING AIDES, ORDERLIES, AND ATTENDANTS	2 388	347	784	514	548	130	28	37	-	$6 372	$7 458	1 053	$10 417
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	2 184	439	624	606	385	87	36	7	-	$6 193	$6 637	904	$9 518
PERSONAL SERVICE OCCUPATIONS	2 414	833	959	329	139	84	30	31	9	$3 432	$4 944	495	$8 120
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	1 005	162	432	207	103	64	17	20	-	$5 327	$6 772	345	$8 541
FARMING, FORESTRY, AND FISHING OCCUPATIONS	295	70	111	48	49	11	-	6	-	$3 932	$5 797	117	$10 238
FARM OPERATORS AND MANAGERS	66	16	29	15	-	-	-	6	-	$3 667	$6 644	21	$5 500
FARM OCCUPATIONS, EXCEPT MANAGERIAL	107	33	43	5	20	6	-	-	-	$3 464	$4 420	35	$10 467
RELATED AGRICULTURAL OCCUPATIONS	117	21	39	28	29	-	-	-	-	$5 700	$6 005	56	$10 333
FORESTRY AND FISHING OCCUPATIONS	5	-	-	-	-	5	-	-	-	$15 439	$19 245	5	$15 439
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	1 867	130	313	343	247	208	255	371	-	$12 179	$14 369	1 039	$18 953
MECHANICS AND REPAIRERS	273	29	17	51	14	57	42	63	-	$16 805	$15 785	149	$19 040
AUTOMOBILE MECHANICS, INCLUDING BODY	76	-	-	12	-	15	30	19	-	$21 234	$20 515	42	$20 724
AIRCRAFT MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER MECHANICS AND REPAIRERS	197	29	17	39	14	42	12	44	-	$14 873	$13 960	107	$18 376
CONSTRUCTION TRADES	197	17	40	14	35	26	33	32	-	$12 848	$14 153	65	$23 111
CARPENTERS	10	-	-	-	10	-	-	-	-	$11 000	$11 005	10	$11 000
ELECTRICIANS	46	-	-	-	-	13	13	20	-	$23 491	$24 179	27	$30 050
PAINTERS, CONSTRUCTION AND MAINTENANCE	61	6	11	8	7	13	10	6	-	$14 239	$13 317	12	$22 500
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	17	-	11	-	-	-	-	6	-	$5 773	$13 201	6	$25 462
OTHER CONSTRUCTION TRADES	63	11	18	6	18	-	10	-	-	$6 833	$8 399	10	$20 453
EXTRACTIVE OCCUPATIONS	10	-	2	8	-	-	-	-	-	$8 750	$7 361	2	$4 500
PRECISION PRODUCTION OCCUPATIONS	1 387	84	254	270	198	125	180	276	-	$11 474	$14 171	823	$17 487
SUPERVISORS, PRODUCTION OCCUPATIONS	618	6	52	100	68	51	101	240	-	$21 292	$19 606	466	$23 494
MANUFACTURING	468	-	17	55	39	35	82	240	-	$25 129	$22 589	365	$25 672
PRECISION METALWORKING OCCUPATIONS	154	14	12	5	11	18	72	22	-	$20 623	$17 619	86	$21 667
TOOL AND DIE MAKERS	67	-	-	-	-	6	39	22	-	$22 802	$22 898	45	$23 678
MACHINISTS	51	14	5	-	9	9	14	-	-	$12 432	$11 932	12	$16 000
SHEET METAL WORKERS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER PRECISION METAL WORKERS	36	-	7	5	2	3	19	-	-	$20 039	$15 853	29	$20 187
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	237	41	83	73	21	12	7	-	-	$5 780	$6 144	104	$7 250
PLANT AND SYSTEM OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER PRECISION PRODUCTION OCCUPATIONS	378	23	107	92	98	44	-	14	-	$8 429	$8 913	167	$9 857

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

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

FLINT, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
OPERATORS, FABRICATORS, AND LABORERS	17 018	1 205	2 143	2 610	3 242	5 560	1 814	444	-	$13 800	$12 760	8 586	$15 840
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	14 268	796	1 277	2 015	2 890	5 207	1 697	386	-	$15 075	$13 629	7 721	$15 968
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	4 171	360	631	819	895	1 034	385	47	-	$11 318	$11 421	2 049	$13 644
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	1 056	80	57	183	238	301	161	36	-	$14 065	$13 741	521	$15 186
PRINTING MACHINE OPERATORS	150	22	45	20	43	20	-	-	-	$8 286	$7 744	69	$11 129
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	625	102	222	150	100	42	7	2	-	$5 828	$6 853	289	$9 262
TEXTILE MACHINE OPERATORS	36	19	5	6	-	6	-	-	-	$1 900	$4 501	-	-
TEXTILE SEWING MACHINE OPERATORS	228	42	57	53	36	31	7	2	-	$6 882	$8 179	96	$12 582
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	297	18	131	79	64	5	-	-	-	$5 988	$6 763	164	$8 909
OTHER SPECIFIED MACHINE OPERATORS	598	59	111	175	75	110	68	-	-	$9 000	$10 214	284	$11 750
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	1 742	97	196	291	439	561	149	9	-	$13 064	$12 386	886	$15 385
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	268	25	36	73	52	57	21	4	-	$10 000	$10 726	141	$11 889
MACHINE OPERATORS, NOT SPECIFIED	1 474	72	160	218	387	504	128	5	-	$13 497	$12 687	745	$15 616
INDUSTRY:													
MANUFACTURING	1 670	84	191	273	408	561	144	9	-	$13 302	$12 533	846	$15 489
NONDURABLE GOODS	204	34	59	45	43	23	-	-	-	$6 900	$7 608	81	$11 421
FOOD AND KINDRED PRODUCTS	32	-	7	-	12	13	-	-	-	$13 974	$12 402	25	$15 027
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	14	9	-	5	-	-	-	-	-	$1 778	$3 374	5	$7 000
PAPER AND ALLIED PRODUCTS	47	3	-	10	24	10	-	-	-	$11 105	$11 259	24	$11 263
OTHER NONDURABLE GOODS	111	22	52	30	7	-	-	-	-	$5 315	$5 214	27	$8 111
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	1 466	50	132	228	365	538	144	9	-	$14 299	$13 219	765	$15 736
METAL INDUSTRIES	162	6	16	38	28	63	11	-	-	$14 028	$13 152	41	$15 251
MACHINERY, INCLUDING ELECTRICAL	162	6	17	62	60	12	5	-	-	$9 758	$9 589	96	$10 103
TRANSPORTATION EQUIPMENT	1 075	31	88	95	261	463	128	9	-	$15 325	$14 148	611	$16 229
OTHER DURABLE GOODS	67	7	11	33	16	-	-	-	-	$8 409	$7 246	17	$10 455
NONMANUFACTURING INDUSTRIES	72	13	5	18	31	-	5	-	-	$9 000	$8 954	40	$10 800
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	25	-	5	12	8	-	-	-	-	$7 250	$8 562	12	$7 000
ALL OTHER INDUSTRIES	47	13	-	6	23	-	5	-	-	$10 818	$9 163	28	$12 432
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	8 296	364	523	1 000	1 642	3 480	1 018	269	-	$15 465	$14 468	4 526	$16 295
WELDERS AND CUTTERS	412	11	12	81	101	123	61	23	-	$15 023	$14 806	242	$16 519
ASSEMBLERS	7 833	343	511	910	1 527	3 339	957	246	-	$15 489	$14 472	4 258	$16 296
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	51	10	-	9	14	18	-	-	-	$11 625	$11 155	26	$11 000
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 801	72	123	196	353	693	294	70	-	$15 663	$14 877	1 146	$16 682
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	1 231	144	533	313	97	92	40	12	-	$5 561	$6 893	254	$13 826
MOTOR VEHICLE OPERATORS	1 101	144	516	293	72	61	15	-	-	$5 218	$5 989	178	$12 000
TRUCK DRIVERS AND DRIVER-SALES WORKERS	186	47	25	25	25	53	11	-	-	$8 857	$9 474	102	$15 278
BUS DRIVERS	868	95	462	262	41	8	-	-	-	$5 039	$5 224	63	$8 438
RAIL AND WATER TRANSPORTATION OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	130	-	17	20	25	31	25	12	-	$15 323	$14 552	76	$16 725
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	5	-	-	-	-	5	-	-	-	$15 439	$19 535	5	$15 439
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	1 519	265	333	282	255	261	77	46	-	$8 445	$9 350	611	$13 613
CONSTRUCTION LABORERS	15	-	6	4	5	-	-	-	-	$8 750	$7 953	4	$9 000
FREIGHT, STOCK, AND MATERIAL HANDLERS	522	104	116	115	61	74	32	20	-	$7 281	$8 947	201	$12 839
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	86	56	28	-	2	-	-	-	-	$1,000-	$2 214	2	$11 000
HAND PACKERS AND PACKAGERS	497	38	112	104	103	122	18	-	-	$9 828	$10 139	203	$13 670
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	108	9	25	24	18	4	13	15	-	$9 556	$11 484	67	$12 673
LABORERS, EXCEPT CONSTRUCTION	291	58	46	35	66	61	14	11	-	$10 302	$10 113	134	$15 148
MANUFACTURING	150	17	17	29	34	28	14	11	-	$12 099	$12 376	69	$15 394
NONDURABLE GOODS	17	-	-	6	-	6	-	5	-	$16 480	$18 552	11	$19 316
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	133	17	17	23	34	22	14	6	-	$11 727	$11 586	58	$14 191
METAL INDUSTRIES	11	-	5	6	-	-	-	-	-	$8 167	$6 264	-	-
NONMANUFACTURING INDUSTRIES	141	41	29	6	32	33	-	-	-	$6 167	$7 706	65	$15 011
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	24	-	-	6	7	11	-	-	-	$11 714	$12 173	18	$15 136
WHOLESALE AND RETAIL TRADE	82	32	3	-	25	22	-	-	-	$10 480	$8 498	47	$11 880
ALL OTHER INDUSTRIES	35	9	26	-	-	-	-	-	-	$3 063	$2 786	-	-
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	26	11	7	8	-	-	-	-	-	$3 286	$3 328	8	$7 000

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

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GRAND RAPIDS, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
MALE EXPERIENCED CIVILIAN LABOR FORCE	166 131	10 167	18 290	16 752	32 373	35 521	25 696	23 062	4 270	$15 548	$16 964	114 184	$17 915
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	35 793	709	1 769	1 792	4 680	7 417	7 560	9 023	2 843	$20 756	$24 823	28 567	$21 889
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	19 527	302	723	783	2 287	3 721	3 902	6 078	1 731	$22 107	$26 466	17 304	$22 930
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	477	7	3	27	88	109	116	117	10	$20 129	$21 108	454	$20 474
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	804	4	46	14	54	79	206	401	-	$24 967	$23 168	496	$25 651
MANAGERS, MEDICINE AND HEALTH	120	-	13	-	-	21	30	39	17	$24 119	$28 694	102	$25 000
OTHER SPECIFIED MANAGERS	4 100	48	102	117	346	905	985	1 302	295	$22 262	$25 518	3 719	$22 801
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	8 728	127	263	346	993	1 314	1 554	2 939	1 192	$24 060	$30 492	7 910	$24 978
MANUFACTURING	3 378	25	59	37	199	471	665	1 319	603	$27 587	$35 186	3 147	$28 019
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	628	-	12	8	29	45	173	311	50	$26 541	$30 681	597	$26 850
WHOLESALE AND RETAIL TRADE	2 460	39	119	169	548	432	368	516	269	$18 865	$25 190	2 174	$20 296
ALL OTHER INDUSTRIES	2 262	63	73	132	217	366	348	793	270	$23 808	$29 197	1 992	$25 208
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	973	34	95	89	155	146	137	256	61	$18 623	$22 417	811	$20 988
CONSTRUCTION	148	-	8	6	29	29	35	22	19	$20 194	$33 802	111	$22 407
MANUFACTURING	216	-	18	28	41	41	16	64	8	$17 145	$20 339	190	$18 296
WHOLESALE AND RETAIL TRADE	253	11	13	11	22	59	38	85	14	$21 126	$22 969	232	$22 422
ALL OTHER INDUSTRIES	356	23	56	44	63	17	48	85	20	$14 273	$18 552	278	$20 232
MANAGEMENT RELATED OCCUPATIONS	4 325	82	201	190	651	1 147	874	1 024	156	$19 343	$21 293	3 812	$20 417
ACCOUNTANTS AND AUDITORS	1 747	14	70	76	277	432	380	416	82	$20 040	$22 134	1 555	$20 730
BUYERS AND PURCHASING AGENTS	955	2	40	41	136	328	188	201	19	$18 523	$19 939	877	$19 011
PROFESSIONAL SPECIALTY OCCUPATIONS	16 266	407	1 046	1 009	2 393	3 696	3 658	2 945	1 112	$19 239	$22 850	11 263	$20 664
ENGINEERS, ARCHITECTS, AND SURVEYORS	3 566	24	80	114	289	832	1 029	1 121	77	$21 666	$22 779	3 123	$22 380
ARCHITECTS	243	9	-	14	23	32	77	88	-	$22 295	$22 779	212	$22 777
ENGINEERS	3 296	15	74	100	260	797	952	1 021	77	$21 623	$22 786	2 884	$22 353
ELECTRICAL AND ELECTRONIC ENGINEERS	501	-	20	21	41	92	155	172	-	$21 940	$21 969	449	$22 791
MECHANICAL ENGINEERS	723	6	30	8	63	144	201	246	25	$22 265	$23 308	608	$23 099
OTHER ENGINEERS	2 072	9	24	71	156	561	596	603	52	$21 344	$22 801	1 827	$22 024
SURVEYORS AND MAPPING SCIENTISTS	27	-	6	-	6	3	-	12	-	$17 182	$21 940	27	$17 182
MATHEMATICAL AND COMPUTER SCIENTISTS	349	8	-	10	36	95	106	87	7	$20 823	$22 361	304	$20 833
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	253	2	-	-	12	70	94	68	7	$21 656	$24 175	214	$21 560
NATURAL SCIENTISTS	330	12	11	5	30	93	116	51	12	$20 351	$20 889	282	$20 790
HEALTH DIAGNOSING OCCUPATIONS	1 460	18	34	51	120	67	121	345	704	$47 948	$56 492	998	$51 710
PHYSICIANS	951	12	25	29	97	41	51	168	528	$54 705	$63 804	683	$59 916
DENTISTS	284	6	5	3	7	5	28	116	114	$44 729	$49 526	157	$43 312
OTHER HEALTH DIAGNOSING PRACTITIONERS	225	-	4	19	16	21	42	61	62	$28 920	$34 379	158	$30 789
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	538	19	16	56	146	100	114	76	11	$16 251	$17 513	433	$18 907
REGISTERED NURSES	81	2	-	11	56	-	12	-	-	$12 333	$12 814	74	$12 513
PHARMACISTS	278	5	9	12	32	50	96	69	5	$21 110	$21 161	225	$22 343
THERAPISTS	110	12	2	31	16	37	6	-	6	$13 692	$14 032	78	$15 717
TEACHERS, LIBRARIANS, AND COUNSELORS	4 925	120	402	223	720	1 424	1 552	484	-	$18 039	$17 191	2 294	$19 579
TEACHERS, POSTSECONDARY	744	13	92	40	49	141	226	183	-	$20 533	$18 723	464	$21 420
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	2 336	53	95	89	409	819	683	188	-	$17 609	$17 400	1 012	$18 014
TEACHERS, SECONDARY	1 228	16	49	50	206	363	487	57	-	$18 683	$17 598	562	$19 483
SOCIAL SCIENTISTS AND URBAN PLANNERS	296	6	14	14	41	63	66	85	7	$20 547	$20 921	231	$22 107
SOCIAL AND RECREATION WORKERS	589	30	18	54	171	161	95	60	-	$15 433	$15 587	462	$15 905
RELIGIOUS WORKERS	1 120	58	156	136	349	313	59	40	9	$13 102	$12 919	901	$14 022
LAWYERS AND JUDGES	988	6	45	53	39	159	104	313	269	$30 400	$38 600	815	$31 758
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	2 105	106	270	293	452	389	296	283	16	$14 093	$14 824	1 420	$16 846
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	29 735	1 419	3 462	2 825	5 806	6 435	4 421	4 480	887	$15 764	$17 475	21 899	$18 008
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	3 109	72	362	235	759	817	421	396	47	$15 516	$16 249	2 335	$17 147
HEALTH TECHNOLOGISTS AND TECHNICIANS	263	-	78	28	39	68	45	5	-	$13 022	$12 201	169	$16 776
LICENSED PRACTICAL NURSES	7	-	-	7	-	-	-	-	-	$7 000	$7 005	7	$7 000
ENGINEERING AND SCIENCE TECHNICIANS	2 104	64	196	135	595	587	257	263	7	$15 334	$15 733	1 609	$16 562
ELECTRICAL AND ELECTRONIC TECHNICIANS	410	-	25	10	96	135	106	38	-	$17 152	$17 002	339	$18 227
DRAFTING AND SURVEYING TECHNICIANS	965	35	121	90	266	285	53	108	7	$14 396	$14 637	705	$15 839
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	742	8	88	72	125	162	119	128	40	$16 958	$19 146	557	$19 711
AIRPLANE PILOTS AND NAVIGATORS	64	-	-	-	11	21	-	16	16	$22 500	$36 230	49	$19 447
COMPUTER PROGRAMMERS	358	2	59	28	57	96	74	36	6	$16 261	$16 036	258	$18 591
SALES OCCUPATIONS	16 241	861	1 883	1 597	2 815	2 892	2 146	3 243	804	$16 319	$19 299	11 875	$19 339
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	2 676	91	172	230	506	561	359	616	141	$17 594	$21 203	2 276	$19 065
SELF-EMPLOYED	558	59	58	96	52	60	57	120	56	$15 951	$22 368	434	$18 971
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	3 639	91	327	353	634	581	505	843	305	$18 248	$22 520	2 807	$20 273
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	4 527	76	217	296	669	902	760	1 311	296	$20 522	$23 681	3 724	$22 182
SALES WORKERS, RETAIL AND PERSONAL SERVICES	5 372	591	1 167	710	1 006	841	522	473	62	$11 172	$12 535	3 054	$16 044
CASHIERS	713	92	257	130	125	67	42	-	-	$6 224	$7 618	200	$13 611
SALES RELATED OCCUPATIONS	27	12	-	8	-	7	-	-	-	$8 375	$7 706	14	$1,000-

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

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

GRAND RAPIDS, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	10 385	486	1 217	993	2 232	2 726	1 854	841	36	$15 313	$14 988	7 689	$16 968
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	1 558	7	34	98	129	369	531	371	19	$20 889	$21 581	1 443	$21 179
COMPUTER EQUIPMENT OPERATORS	365	13	74	40	140	70	17	11	-	$12 223	$11 665	241	$13 568
SECRETARIES, STENOGRAPHERS, AND TYPISTS	93	5	7	26	32	7	6	5	5	$11 889	$14 855	51	$11 000
SECRETARIES	66	5	7	17	19	7	6	-	5	$12 239	$14 642	28	$9 400
RECEPTIONISTS	34	-	22	10	-	2	-	-	-	$4 688	$5 554	7	$9 400
FILE CLERKS	151	13	27	7	51	30	13	10	-	$13 163	$12 508	88	$14 862
FINANCIAL RECORDS PROCESSING OCCUPATIONS	737	44	72	66	172	183	138	62	-	$15 259	$15 128	548	$17 103
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	481	28	63	42	123	99	71	55	-	$14 339	$14 826	340	$16 669
TELEPHONE OPERATORS	33	-	11	13	4	5	-	-	-	$8 846	$8 681	22	$9 692
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	1 153	37	87	66	136	502	292	33	-	$16 763	$16 123	936	$17 493
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	2 752	98	378	384	771	696	354	71	-	$13 228	$13 003	1 888	$15 462
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	222	6	7	24	57	77	33	18	-	$15 683	$15 899	179	$16 614
BANK TELLERS	71	-	40	17	6	8	-	-	-	$4 719	$6 505	21	$13 459
DATA-ENTRY KEYERS	63	3	9	14	10	-	5	22	-	$13 449	$16 751	39	$25 485
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	3 153	260	449	228	724	777	465	238	12	$14 329	$13 783	2 226	$16 416
SERVICE OCCUPATIONS	13 863	3 064	3 685	2 059	2 209	1 460	924	414	48	$6 343	$8 586	5 913	$13 545
PRIVATE HOUSEHOLD OCCUPATIONS	30	15	8	7	-	-	-	-	-	$2 500	$3 412	7	$9 000
PROTECTIVE SERVICE OCCUPATIONS	2 370	94	352	281	293	630	516	196	8	$15 922	$15 023	1 665	$17 963
FIREFIGHTING OCCUPATIONS	359	-	-	9	33	131	123	63	-	$20 147	$20 243	342	$20 101
POLICE AND DETECTIVES, PUBLIC SERVICE	658	-	13	5	65	270	247	52	6	$19 324	$20 013	586	$19 297
GUARDS	939	89	330	248	153	54	17	48	-	$6 558	$8 031	375	$11 283
OTHER PROTECTIVE SERVICE OCCUPATIONS	414	5	9	19	42	175	129	33	2	$18 238	$18 425	362	$18 296
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	11 463	2 955	3 325	1 771	1 916	830	408	218	40	$4 965	$7 269	4 241	$11 946
FOOD PREPARATION AND SERVICE OCCUPATIONS	4 275	1 647	1 563	526	326	102	63	41	7	$2 808	$4 502	888	$9 353
WAITERS AND FOOD COUNTER WORKERS	363	73	197	48	38	-	7	-	-	$4 063	$4 819	56	$10 421
COOKS	1 725	625	668	216	154	40	15	7	-	$2 857	$4 209	389	$9 296
HEALTH SERVICE OCCUPATIONS	472	79	159	133	69	13	7	12	-	$5 833	$7 122	159	$11 500
NURSING AIDES, ORDERLIES, AND ATTENDANTS	377	44	134	119	55	13	-	12	-	$6 300	$7 484	129	$11 615
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	5 888	1 060	1 374	997	1 388	661	281	117	10	$8 324	$8 765	2 827	$12 532
PERSONAL SERVICE OCCUPATIONS	828	169	229	115	133	54	57	48	23	$6 780	$11 003	367	$13 497
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	340	14	66	47	93	45	32	20	23	$12 477	$16 745	234	$14 164
FARMING, FORESTRY, AND FISHING OCCUPATIONS	3 883	728	896	633	681	355	274	269	47	$8 022	$10 297	2 255	$12 269
FARM OPERATORS AND MANAGERS	1 672	270	223	204	274	208	216	238	39	$12 363	$14 284	1 384	$13 308
FARM OCCUPATIONS, EXCEPT MANAGERIAL	1 330	329	496	269	140	57	28	5	6	$3 995	$5 874	459	$9 137
RELATED AGRICULTURAL OCCUPATIONS	792	106	152	148	258	75	30	23	-	$9 815	$9 494	376	$12 627
FORESTRY AND FISHING OCCUPATIONS	89	23	25	12	9	15	-	3	2	$5 708	$8 626	36	$15 332
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	35 887	1 220	2 685	3 328	7 037	9 148	6 299	5 850	320	$16 534	$17 225	27 057	$18 072
MECHANICS AND REPAIRERS	10 305	406	847	1 106	2 433	2 568	1 778	1 159	8	$15 473	$15 360	7 994	$16 640
AUTOMOBILE MECHANICS, INCLUDING BODY	2 750	154	346	455	686	641	238	222	8	$12 972	$13 188	2 030	$14 957
AIRCRAFT MECHANICS	26	2	-	2	-	13	9	-	-	$17 768	$16 779	26	$17 768
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	407	19	5	37	132	89	58	67	-	$15 409	$16 041	311	$16 557
OTHER MECHANICS AND REPAIRERS	7 122	231	496	612	1 615	1 825	1 473	870	-	$16 227	$16 154	5 627	$17 393
CONSTRUCTION TRADES	11 105	474	999	1 290	2 339	2 607	1 614	1 603	179	$15 603	$16 612	7 132	$17 741
CARPENTERS	2 657	102	353	426	700	633	198	218	27	$13 052	$14 232	1 610	$15 352
ELECTRICIANS	1 644	43	91	134	282	463	349	282	-	$17 418	$17 414	1 298	$18 635
PAINTERS, CONSTRUCTION AND MAINTENANCE	948	111	127	135	237	161	88	81	8	$12 430	$12 860	532	$15 056
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	1 016	31	53	76	160	214	213	262	7	$19 194	$19 169	703	$21 367
OTHER CONSTRUCTION TRADES	4 840	187	375	519	960	1 136	766	760	137	$16 256	$17 845	2 989	$18 777
EXTRACTIVE OCCUPATIONS	39	-	7	-	5	15	7	5	-	$16 836	$16 450	13	$18 481
PRECISION PRODUCTION OCCUPATIONS	14 438	340	832	932	2 260	3 958	2 900	3 083	133	$18 177	$19 030	11 918	$19 393
SUPERVISORS, PRODUCTION OCCUPATIONS	6 276	104	119	189	688	1 869	1 676	1 536	95	$20 334	$21 691	5 665	$20 690
MANUFACTURING	4 922	85	57	150	459	1 478	1 353	1 278	62	$20 584	$21 771	4 430	$20 945
PRECISION METALWORKING OCCUPATIONS	5 284	94	401	275	838	1 365	924	1 357	30	$18 408	$18 851	4 123	$19 794
TOOL AND DIE MAKERS	2 840	29	164	81	398	575	537	1 041	15	$21 288	$20 827	2 393	$22 208
MACHINISTS	1 442	28	141	144	280	512	181	147	9	$15 783	$15 818	1 083	$16 795
SHEET METAL WORKERS	484	17	38	13	105	131	114	66	-	$17 116	$16 734	291	$18 654
OTHER PRECISION METAL WORKERS	518	20	58	37	55	147	92	103	6	$17 512	$18 437	356	$18 239
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	421	36	41	55	96	122	40	31	-	$13 790	$13 647	305	$15 488
PLANT AND SYSTEM OPERATORS	340	7	13	17	59	126	79	39	-	$17 308	$17 665	295	$17 663
OTHER PRECISION PRODUCTION OCCUPATIONS	2 117	99	258	396	579	476	181	120	8	$12 518	$12 879	1 530	$14 723

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

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GRAND RAPIDS, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
OPERATORS, FABRICATORS, AND LABORERS	46 915	3 012	5 775	6 093	11 960	10 706	6 218	3 026	125	$13 441	$13 487	28 469	$15 926
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	24 543	1 166	2 293	3 389	6 737	6 304	3 294	1 328	32	$13 875	$13 803	16 356	$15 808
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	15 409	724	1 495	2 215	4 123	3 966	2 074	790	22	$13 823	$13 737	10 445	$15 704
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	4 729	159	410	560	1 133	1 292	826	343	6	$15 249	$14 811	3 250	$16 926
PRINTING MACHINE OPERATORS	1 093	68	105	175	259	291	132	63	-	$13 715	$13 653	826	$15 479
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	483	42	99	105	126	81	20	6	4	$9 791	$9 902	264	$11 636
TEXTILE MACHINE OPERATORS	160	11	12	41	49	40	7	-	-	$11 333	$11 163	101	$14 408
TEXTILE SEWING MACHINE OPERATORS	91	7	22	-	17	35	10	-	-	$14 653	$11 533	27	$11 833
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	198	24	57	51	47	6	3	6	4	$7 286	$8 361	112	$10 308
OTHER SPECIFIED MACHINE OPERATORS	4 968	251	483	816	1 429	1 206	543	228	12	$13 172	$13 290	3 389	$15 004
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	4 136	204	398	559	1 176	1 096	553	150	-	$13 757	$13 514	2 716	$15 619
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	1 003	39	78	117	319	267	138	45	-	$14 042	$14 028	625	$15 871
MACHINE OPERATORS, NOT SPECIFIED	3 133	165	320	442	857	829	415	105	-	$13 662	$13 350	2 091	$15 553
INDUSTRY:													
MANUFACTURING	3 775	147	325	497	1 086	1 045	533	142	-	$14 128	$13 884	2 550	$15 719
NONDURABLE GOODS	796	44	101	151	228	201	58	13	-	$11 925	$11 848	479	$14 977
FOOD AND KINDRED PRODUCTS	223	14	13	55	73	49	19	-	-	$11 513	$11 560	137	$12 718
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	84	-	16	16	37	15	-	-	-	$12 060	$11 617	42	$11 111
PAPER AND ALLIED PRODUCTS	124	-	22	25	42	20	5	10	-	$11 765	$12 820	73	$14 245
OTHER NONDURABLE GOODS	365	30	50	55	76	117	34	3	-	$12 466	$11 746	227	$15 849
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	2 979	103	224	346	858	844	475	129	-	$14 726	$14 429	2 071	$15 936
METAL INDUSTRIES	809	22	96	75	229	265	98	24	-	$14 583	$14 029	526	$15 662
MACHINERY, INCLUDING ELECTRICAL	569	30	32	89	209	111	74	24	-	$13 173	$13 405	408	$14 555
TRANSPORTATION EQUIPMENT	486	19	35	38	89	144	122	39	-	$16 616	$16 173	322	$18 138
OTHER DURABLE GOODS	1 115	32	61	144	331	324	181	42	-	$14 816	$14 480	815	$16 028
NONMANUFACTURING INDUSTRIES	361	57	73	62	90	51	20	8	-	$9 395	$9 646	166	$13 782
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	54	-	8	9	23	8	6	-	-	$12 475	$12 604	30	$14 542
WHOLESALE AND RETAIL TRADE	126	32	10	12	38	34	-	-	-	$12 486	$9 801	73	$14 646
ALL OTHER INDUSTRIES	181	25	55	41	29	9	14	8	-	$7 105	$8 656	63	$11 214
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	7 143	375	644	1 029	2 103	1 749	837	404	2	$13 391	$13 490	4 444	$15 725
WELDERS AND CUTTERS	2 446	109	181	310	525	707	338	274	2	$15 440	$15 161	1 592	$17 213
ASSEMBLERS	4 444	238	443	681	1 467	996	489	130	-	$12 782	$12 726	2 713	$15 129
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	253	28	20	38	111	46	10	-	-	$11 227	$10 752	139	$12 221
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 991	67	154	145	511	589	383	134	8	$15 659	$15 435	1 467	$16 959
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	12 355	390	992	1 150	3 008	2 863	2 339	1 538	75	$15 798	$16 172	7 968	$17 467
MOTOR VEHICLE OPERATORS	7 645	236	758	751	1 775	1 702	1 244	1 104	75	$15 631	$16 192	4 752	$17 749
TRUCK DRIVERS AND DRIVER-SALES WORKERS	7 057	196	619	644	1 665	1 614	1 180	1 064	75	$15 913	$16 577	4 472	$17 879
BUS DRIVERS	281	35	33	72	49	53	20	19	-	$10 038	$11 139	111	$15 560
RAIL AND WATER TRANSPORTATION OCCUPATIONS	680	26	7	18	41	142	309	137	-	$21 053	$20 427	555	$21 495
MATERIAL MOVING EQUIPMENT OPERATORS	4 030	128	227	381	1 192	1 019	786	297	-	$15 278	$15 416	2 661	$16 023
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	317	-	23	34	89	64	47	60	-	$15 715	$17 223	152	$15 312
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	10 017	1 456	2 490	1 554	2 215	1 539	585	160	18	$8 631	$9 400	4 145	$14 087
CONSTRUCTION LABORERS	1 442	89	203	264	454	257	116	51	8	$12 000	$12 059	610	$14 637
FREIGHT, STOCK, AND MATERIAL HANDLERS	3 582	644	986	446	737	564	148	50	7	$7 370	$8 772	1 419	$13 924
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	743	158	322	131	66	59	-	4	3	$4 495	$6 053	211	$10 200
HAND PACKERS AND PACKAGERS	878	88	178	160	188	143	104	17	-	$10 347	$10 719	428	$15 259
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	1 081	166	346	194	232	88	45	10	-	$6 582	$7 759	378	$12 718
LABORERS, EXCEPT CONSTRUCTION	2 291	311	455	359	538	428	172	28	-	$10 178	$10 063	1 099	$14 800
MANUFACTURING	1 092	74	212	145	328	211	98	24	-	$11 691	$11 327	590	$14 782
NONDURABLE GOODS	330	26	86	43	91	67	17	-	-	$10 541	$9 846	148	$14 479
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	762	48	126	102	237	144	81	24	-	$12 095	$11 968	442	$14 951
METAL INDUSTRIES	220	42	47	16	34	59	15	7	-	$11 111	$10 505	108	$15 624
NONMANUFACTURING INDUSTRIES	1 199	237	243	214	210	217	74	4	-	$7 671	$8 912	509	$14 824
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	185	21	30	20	38	54	22	-	-	$12 433	$11 731	95	$16 264
WHOLESALE AND RETAIL TRADE	721	113	155	135	119	154	45	-	-	$7 968	$9 369	324	$15 017
ALL OTHER INDUSTRIES	293	103	58	59	53	9	7	4	-	$4 974	$6 007	90	$11 429
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	55	15	18	22	-	-	-	-	-	$5 083	$4 681	24	$6 000

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GRAND RAPIDS, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
FEMALE EXPERIENCED CIVILIAN LABOR FORCE	118 544	19 748	32 922	29 669	23 610	9 263	2 486	757	89	$6 890	$7 538	48 981	$10 620
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	20 780	2 111	3 752	3 804	5 307	4 181	1 284	318	23	$10 724	$10 645	8 886	$13 308
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	6 525	425	938	1 433	2 044	1 000	467	201	17	$11 009	$11 398	4 242	$12 559
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	190	30	24	42	34	31	25	4	-	$9 946	$10 877	120	$15 000
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	338	34	41	39	70	56	73	25	-	$14 015	$13 887	154	$13 842
MANAGERS, MEDICINE AND HEALTH	115	2	6	15	70	11	6	5	-	$12 492	$12 749	76	$13 010
OTHER SPECIFIED MANAGERS	1 058	34	121	220	343	204	97	39	-	$11 913	$12 273	771	$13 398
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	2 484	134	383	594	726	395	152	83	17	$10 773	$11 585	1 586	$12 547
MANUFACTURING	356	15	28	22	97	116	33	40	5	$15 413	$16 986	279	$15 671
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	126	-	-	4	38	31	34	19	-	$17 953	$18 886	105	$20 041
WHOLESALE AND RETAIL TRADE	910	66	183	257	224	109	57	8	6	$9 105	$9 974	555	$11 378
ALL OTHER INDUSTRIES	1 092	53	172	311	367	139	28	16	6	$10 101	$10 324	647	$11 696
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	174	45	51	26	25	15	8	4	-	$4 765	$6 540	121	$6 692
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING	6	-	-	-	6	-	-	-	-	$11 000	$10 405	6	$11 000
WHOLESALE AND RETAIL TRADE	82	26	29	13	6	8	-	-	-	$3 273	$4 169	53	$3 955
ALL OTHER INDUSTRIES	86	19	22	13	13	7	8	4	-	$6 571	$8 530	62	$10 250
MANAGEMENT RELATED OCCUPATIONS	2 166	146	312	497	776	288	106	41	-	$10 711	$10 733	1 414	$12 159
ACCOUNTANTS AND AUDITORS	754	40	95	150	283	129	35	22	-	$11 917	$11 611	500	$13 228
BUYERS AND PURCHASING AGENTS	500	30	63	143	197	21	44	2	-	$10 283	$10 280	375	$11 352
PROFESSIONAL SPECIALTY OCCUPATIONS	14 255	1 686	2 814	2 371	3 263	3 181	817	117	6	$10 479	$10 301	4 644	$14 007
ENGINEERS, ARCHITECTS, AND SURVEYORS	131	-	10	25	28	40	26	2	-	$15 183	$14 362	89	$16 913
ARCHITECTS	12	-	5	-	7	-	-	-	-	$12 065	$8 838	-	-
ENGINEERS	119	-	5	25	21	40	26	2	-	$15 664	$14 919	89	$16 913
ELECTRICAL AND ELECTRONIC ENGINEERS	26	-	-	-	6	6	14	-	-	$20 053	$18 582	20	$20 231
MECHANICAL ENGINEERS	14	-	-	-	-	8	6	-	-	$18 980	$18 216	14	$18 980
OTHER ENGINEERS	79	-	5	25	15	26	6	2	-	$13 008	$13 129	55	$15 062
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	65	5	8	20	5	7	20	-	-	$9 909	$12 447	41	$19 532
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	37	5	-	11	-	7	14	-	-	$16 411	$14 403	21	$20 198
NATURAL SCIENTISTS	72	4	6	32	13	14	3	-	-	$9 429	$10 007	40	$13 949
HEALTH DIAGNOSING OCCUPATIONS	102	12	20	12	30	14	-	8	6	$11 750	$13 496	51	$12 534
PHYSICIANS	51	-	-	7	22	14	-	2	6	$14 029	$18 965	44	$13 176
DENTISTS	34	7	8	5	8	-	-	6	-	$6 800	$10 416	-	-
OTHER HEALTH DIAGNOSING PRACTITIONERS	17	5	12	-	-	-	-	-	-	$3 500	$3 250	7	$3 500
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	3 870	252	814	865	1 131	698	80	30	-	$10 025	$9 991	1 701	$14 086
REGISTERED NURSES	3 241	219	655	762	954	566	61	24	-	$9 919	$9 910	1 370	$14 254
PHARMACISTS	82	5	33	7	6	25	-	6	-	$8 857	$10 279	36	$16 027
THERAPISTS	405	11	73	74	132	96	19	-	-	$12 443	$11 426	226	$13 444
TEACHERS, LIBRARIANS, AND COUNSELORS	7 540	1 002	1 430	904	1 476	2 039	648	41	-	$11 816	$10 852	1 486	$15 148
TEACHERS, POSTSECONDARY	373	26	97	57	49	68	72	4	-	$10 813	$11 480	89	$17 756
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	4 835	474	803	531	1 052	1 562	392	21	-	$12 939	$11 730	979	$15 325
TEACHERS, SECONDARY	1 140	144	225	160	225	297	84	5	-	$11 390	$10 584	142	$16 097
SOCIAL SCIENTISTS AND URBAN PLANNERS	158	8	12	63	36	39	-	-	-	$9 652	$10 601	116	$12 000
SOCIAL AND RECREATION WORKERS	788	52	103	131	256	239	7	-	-	$11 895	$11 123	488	$14 047
RELIGIOUS WORKERS	127	26	31	46	24	-	-	-	-	$6 464	$6 101	35	$9 500
LAWYERS AND JUDGES	112	8	6	15	43	-	22	18	-	$13 433	$15 085	91	$14 110
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	1 290	317	374	258	221	91	11	18	-	$5 521	$6 711	506	$10 987
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	51 961	7 452	15 154	15 243	10 822	2 429	606	218	37	$6 914	$7 206	23 448	$10 123
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	3 741	331	961	1 115	984	283	62	-	5	$8 291	$8 326	1 721	$11 350
HEALTH TECHNOLOGISTS AND TECHNICIANS	2 906	245	793	941	698	188	36	-	5	$8 087	$8 029	1 218	$10 880
LICENSED PRACTICAL NURSES	1 692	197	598	536	317	17	22	-	5	$6 449	$6 787	600	$10 065
ENGINEERING AND SCIENCE TECHNICIANS	453	57	71	115	152	52	6	-	-	$9 365	$9 165	282	$12 042
ELECTRICAL AND ELECTRONIC TECHNICIANS	19	-	6	-	4	9	-	-	-	$11 750	$10 580	13	$15 216
DRAFTING AND SURVEYING TECHNICIANS	106	9	30	20	30	11	6	-	-	$7 556	$9 374	51	$13 535
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	382	29	97	59	134	43	20	-	-	$10 279	$9 592	221	$12 967
AIRPLANE PILOTS AND NAVIGATORS	4	4	-	-	-	-	-	-	-	$1 500	$1 005	-	-
COMPUTER PROGRAMMERS	167	-	27	39	63	32	6	-	-	$11 750	$11 342	112	$13 240
SALES OCCUPATIONS	12 557	3 000	4 639	2 559	1 632	450	156	101	20	$4 650	$5 848	3 562	$9 511
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	780	29	138	224	246	64	30	39	10	$9 975	$11 136	523	$11 352
SELF-EMPLOYED	150	23	16	21	59	2	-	22	7	$11 364	$14 115	90	$12 701
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	1 425	173	338	339	345	152	40	33	5	$8 438	$9 103	650	$11 551
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	482	60	95	115	158	38	16	-	-	$8 964	$8 566	211	$11 466
SALES WORKERS, RETAIL AND PERSONAL SERVICES	9 818	2 727	4 043	1 872	876	196	70	29	5	$3 853	$4 827	2 162	$8 142
CASHIERS	4 310	1 078	1 688	919	458	137	30	-	-	$4 164	$5 175	819	$8 969
SALES RELATED OCCUPATIONS	52	11	25	9	7	-	-	-	-	$4 429	$4 990	16	$9 500

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

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GRAND RAPIDS, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	35 663	4 121	9 554	11 569	8 206	1 696	388	117	12	$7 566	$7 566	18 165	$10 095
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	1 237	22	88	359	444	219	80	25	-	$11 384	$12 126	970	$12 247
COMPUTER EQUIPMENT OPERATORS	703	57	148	234	241	16	7	-	-	$9 093	$8 420	483	$10 164
SECRETARIES, STENOGRAPHERS, AND TYPISTS	12 226	1 432	3 062	4 254	2 943	388	106	41	-	$7 681	$7 440	6 095	$10 146
SECRETARIES	10 340	1 113	2 506	3 668	2 574	358	88	33	-	$7 849	$7 580	5 261	$10 245
RECEPTIONISTS	1 674	236	598	660	160	14	6	-	-	$6 018	$5 867	649	$8 747
FILE CLERKS	669	111	285	192	67	7	7	-	-	$5 024	$5 542	228	$8 606
FINANCIAL RECORDS PROCESSING OCCUPATIONS	5 372	451	1 220	1 804	1 457	333	65	30	12	$8 417	$8 447	3 078	$10 536
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	3 985	360	869	1 320	1 080	273	49	22	12	$8 439	$8 523	2 233	$10 670
TELEPHONE OPERATORS	884	142	214	269	220	31	6	2	-	$7 313	$7 195	417	$10 375
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	684	106	201	96	114	150	17	-	-	$7 346	$8 702	325	$12 959
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	1 027	108	162	281	402	68	6	-	-	$9 490	$8 892	669	$10 821
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	330	6	25	145	101	53	-	-	-	$9 741	$10 160	278	$10 235
BANK TELLERS	1 564	108	558	671	222	-	5	-	-	$6 655	$6 446	798	$8 434
DATA-ENTRY KEYERS	1 193	59	354	474	259	35	12	-	-	$7 902	$7 536	691	$9 447
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	8 100	1 283	2 639	2 130	1 576	382	71	19	-	$6 240	$6 812	3 484	$10 081
SERVICE OCCUPATIONS	21 589	7 346	8 834	3 764	1 237	231	112	54	11	$3 244	$4 174	4 638	$7 800
PRIVATE HOUSEHOLD OCCUPATIONS	945	612	280	28	6	14	5	-	-	$1 238	$1 988	57	$5 438
PROTECTIVE SERVICE OCCUPATIONS	516	164	158	90	52	22	22	8	-	$3 929	$6 010	168	$11 290
FIREFIGHTING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
POLICE AND DETECTIVES, PUBLIC SERVICE	52	-	3	14	14	16	5	-	-	$12 409	$13 182	35	$15 558
GUARDS	435	164	151	74	26	-	12	8	-	$3 235	$4 717	110	$9 000
OTHER PROTECTIVE SERVICE OCCUPATIONS	29	-	4	2	12	6	5	-	-	$13 019	$12 542	23	$14 662
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	20 128	6 570	8 396	3 646	1 179	195	85	46	11	$3 352	$4 229	4 413	$7 752
FOOD PREPARATION AND SERVICE OCCUPATIONS	9 704	3 660	4 342	1 314	294	36	38	20	-	$2 808	$3 511	1 409	$7 196
WAITERS AND FOOD COUNTER WORKERS	5 270	2 002	2 445	666	115	13	11	18	-	$2 723	$3 337	570	$6 842
COOKS	1 616	519	791	245	53	-	8	-	-	$3 381	$3 802	308	$7 284
HEALTH SERVICE OCCUPATIONS	4 388	905	1 734	1 281	381	53	18	16	-	$4 722	$5 282	1 440	$8 000
NURSING AIDES, ORDERLIES, AND ATTENDANTS	3 242	753	1 433	736	256	35	13	16	-	$3 968	$4 883	944	$8 010
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	2 742	816	1 079	554	225	41	22	5	-	$3 712	$4 686	790	$8 118
PERSONAL SERVICE OCCUPATIONS	3 294	1 189	1 241	497	279	65	7	5	11	$3 469	$4 562	774	$8 187
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	1 172	260	409	281	177	34	-	5	6	$5 366	$6 254	429	$9 439
FARMING, FORESTRY, AND FISHING OCCUPATIONS	906	439	277	129	42	13	6	-	-	$2 122	$3 488	163	$8 030
FARM OPERATORS AND MANAGERS	124	52	35	11	15	5	6	-	-	$2 588	$4 686	54	$5 250
FARM OCCUPATIONS, EXCEPT MANAGERIAL	563	335	140	72	15	1	-	-	-	$1 699	$2 688	48	$8 737
RELATED AGRICULTURAL OCCUPATIONS	205	52	102	44	7	-	-	-	-	$4 052	$4 241	49	$7 222
FORESTRY AND FISHING OCCUPATIONS	14	-	-	2	5	7	-	-	-	$15 000	$14 045	12	$15 105
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	2 874	327	565	795	722	285	79	99	2	$8 815	$9 370	1 658	$11 405
MECHANICS AND REPAIRERS	380	33	56	98	101	47	18	27	-	$10 136	$11 101	247	$12 182
AUTOMOBILE MECHANICS, INCLUDING BODY	26	9	-	13	4	-	-	-	-	$8 615	$6 214	17	$9 308
AIRCRAFT MECHANICS	8	-	-	2	6	-	-	-	-	$10 667	$10 255	6	$11 000
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	10	-	-	-	10	-	-	-	-	$12 190	$12 497	10	$12 190
OTHER MECHANICS AND REPAIRERS	336	24	56	83	81	47	18	27	-	$10 313	$11 458	214	$12 846
CONSTRUCTION TRADES	226	44	35	76	39	26	-	6	-	$7 744	$8 209	119	$9 560
CARPENTERS	38	8	-	9	11	4	-	6	-	$10 800	$12 282	19	$12 937
ELECTRICIANS	47	12	8	14	5	8	-	-	-	$7 400	$7 178	41	$8 333
PAINTERS, CONSTRUCTION AND MAINTENANCE	70	13	8	24	17	8	-	-	-	$8 182	$8 493	35	$9 909
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	6	-	-	-	6	-	-	-	-	$11 000	$10 005	6	$11 000
OTHER CONSTRUCTION TRADES	65	11	19	29	-	6	-	-	-	$6 357	$6 103	18	$8 800
EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	2 268	250	474	621	582	212	61	66	2	$8 751	$9 196	1 292	$11 413
SUPERVISORS, PRODUCTION OCCUPATIONS	740	24	108	161	241	121	33	52	-	$11 252	$12 009	520	$12 775
MANUFACTURING	471	12	50	84	170	70	33	52	-	$12 256	$13 551	345	$13 751
PRECISION METALWORKING OCCUPATIONS	150	11	11	43	27	22	22	14	-	$12 360	$12 774	114	$14 258
TOOL AND DIE MAKERS	40	-	-	-	6	-	20	14	-	$22 855	$22 116	35	$23 348
MACHINISTS	60	-	8	32	7	11	2	-	-	$7 760	$9 386	45	$9 286
SHEET METAL WORKERS	2	-	-	-	2	-	-	-	-	$11 000	$10 005	2	$11 000
OTHER PRECISION METAL WORKERS	48	11	3	11	12	11	-	-	-	$9 600	$9 339	32	$12 658
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	446	89	125	117	77	36	-	-	2	$6 316	$6 994	174	$10 261
PLANT AND SYSTEM OPERATORS	7	7	-	-	-	-	-	-	-	$1 500	$1 405	-	-
OTHER PRECISION PRODUCTION OCCUPATIONS	925	119	230	300	237	33	6	-	-	$7 940	$7 486	484	$9 861

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GRAND RAPIDS, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
OPERATORS, FABRICATORS, AND LABORERS	20 421	2 060	4 340	5 934	5 480	2 124	399	68	16	$8 631	$8 703	10 188	$11 045
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	15 062	1 217	2 605	4 485	4 420	1 921	341	57	16	$9 365	$9 415	8 300	$11 217
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	8 341	743	1 609	2 470	2 215	1 073	211	7	13	$9 049	$9 182	4 522	$11 006
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	1 532	97	225	444	436	255	73	2	-	$10 000	$10 160	875	$11 795
PRINTING MACHINE OPERATORS	441	32	95	186	105	12	11	-	-	$8 255	$7 843	246	$9 837
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	2 167	252	528	498	351	481	57	-	-	$8 207	$9 096	1 081	$11 903
TEXTILE MACHINE OPERATORS	147	-	48	57	42	-	-	-	-	$7 645	$8 067	94	$9 053
TEXTILE SEWING MACHINE OPERATORS	1 534	142	271	292	297	475	57	-	-	$10 919	$10 662	805	$15 114
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	316	90	136	80	4	6	-	-	-	$3 800	$4 242	86	$7 333
OTHER SPECIFIED MACHINE OPERATORS	1 944	182	376	698	524	138	20	-	6	$8 694	$8 569	1 104	$10 213
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	2 257	180	385	644	799	187	50	5	7	$9 539	$9 389	1 216	$11 222
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	728	63	134	205	271	47	8	-	-	$9 361	$8 902	354	$11 171
MACHINE OPERATORS, NOT SPECIFIED	1 529	117	251	439	528	140	42	5	7	$9 630	$9 622	862	$11 249
INDUSTRY:													
MANUFACTURING	2 031	141	279	598	768	183	50	5	7	$9 985	$9 796	1 161	$11 212
NONDURABLE GOODS	810	95	136	282	279	13	5	-	-	$8 490	$7 886	392	$10 469
FOOD AND KINDRED PRODUCTS	191	10	39	53	89	-	-	-	-	$9 500	$8 237	81	$11 025
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	76	7	10	45	14	-	-	-	-	$8 286	$7 524	42	$9 125
PAPER AND ALLIED PRODUCTS	113	21	17	40	30	5	-	-	-	$8 280	$7 406	47	$9 880
OTHER NONDURABLE GOODS	430	57	70	144	146	8	5	-	-	$8 250	$7 919	222	$10 571
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	1 221	46	143	316	489	170	45	5	7	$10 824	$11 063	769	$11 718
METAL INDUSTRIES	236	9	32	108	56	24	-	-	7	$8 652	$11 249	144	$9 282
MACHINERY, INCLUDING ELECTRICAL	225	-	25	70	79	34	12	5	-	$11 029	$11 422	153	$12 589
TRANSPORTATION EQUIPMENT	324	4	42	67	120	70	21	-	-	$11 463	$11 821	171	$12 358
OTHER DURABLE GOODS	436	33	44	71	234	42	12	-	-	$11 138	$10 215	301	$11 898
NONMANUFACTURING INDUSTRIES	226	39	106	46	31	4	-	-	-	$5 030	$5 736	55	$12 072
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	4	-	-	-	-	4	-	-	-	$15 439	$17 925	4	$15 439
WHOLESALE AND RETAIL TRADE	98	32	35	6	25	-	-	-	-	$3 714	$5 471	25	$12 170
ALL OTHER INDUSTRIES	124	7	71	40	6	-	-	-	-	$5 407	$5 553	26	$9 000
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	4 746	332	665	1 492	1 650	503	63	38	3	$9 699	$9 544	2 629	$11 324
WELDERS AND CUTTERS	354	34	21	116	116	49	18	-	-	$10 200	$10 124	167	$11 281
ASSEMBLERS	4 246	270	606	1 360	1 489	435	45	38	3	$9 681	$9 546	2 372	$11 330
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	146	28	38	16	45	19	-	-	-	$7 556	$8 056	90	$11 238
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 975	142	331	523	555	345	67	12	-	$9 944	$10 092	1 149	$11 804
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	1 284	151	540	354	160	47	32	-	-	$5 546	$6 340	281	$11 477
MOTOR VEHICLE OPERATORS	1 084	151	532	310	82	9	-	-	-	$4 732	$5 104	157	$9 512
TRUCK DRIVERS AND DRIVER-SALES WORKERS	246	47	97	63	35	4	-	-	-	$4 382	$5 638	85	$9 370
BUS DRIVERS	760	75	407	237	41	-	-	-	-	$4 978	$5 005	47	$9 909
RAIL AND WATER TRANSPORTATION OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	200	-	8	44	78	38	32	-	-	$12 073	$13 038	124	$14 006
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	4 075	692	1 195	1 095	900	156	26	11	-	$6 538	$6 815	1 607	$10 083
CONSTRUCTION LABORERS	43	11	1	31	-	-	-	-	-	$6 950	$5 464	16	$7 600
FREIGHT, STOCK, AND MATERIAL HANDLERS	959	227	302	226	152	34	18	-	-	$5 048	$6 076	340	$9 780
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	67	26	13	28	-	-	-	-	-	$3 682	$4 123	-	-
HAND PACKERS AND PACKAGERS	2 032	251	634	534	546	62	-	5	-	$7 004	$7 116	768	$10 444
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	166	26	29	49	36	14	6	6	-	$8 091	$8 959	97	$11 063
LABORERS, EXCEPT CONSTRUCTION	808	151	216	227	166	46	2	-	-	$6 667	$6 790	386	$9 584
MANUFACTURING	501	57	103	178	132	29	2	-	-	$8 098	$7 998	282	$9 492
NONDURABLE GOODS	245	15	45	105	70	10	-	-	-	$8 882	$8 531	141	$9 938
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	256	42	58	73	62	19	2	-	-	$6 982	$7 487	141	$7 844
METAL INDUSTRIES	90	6	51	23	10	-	-	-	-	$5 400	$5 327	50	$5 200
NONMANUFACTURING INDUSTRIES	307	94	113	49	34	17	-	-	-	$3 461	$4 821	104	$9 889
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	31	11	-	12	8	-	-	-	-	$8 750	$6 635	20	$9 667
WHOLESALE AND RETAIL TRADE	184	60	65	23	19	17	-	-	-	$3 421	$5 139	66	$10 316
ALL OTHER INDUSTRIES	92	23	48	14	7	-	-	-	-	$3 263	$3 572	18	$4 818
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	13	13	-	-	-	-	-	-	-	$1,000-	$890	-	-

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

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

KALAMAZOO-PORTAGE, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
MALE EXPERIENCED CIVILIAN LABOR FORCE	74 250	5 469	9 304	7 679	13 555	14 488	11 425	10 810	1 520	$15 271	$16 514	48 301	$18 227
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	16 972	496	1 197	1 242	1 947	3 044	3 223	4 777	1 046	$20 658	$24 070	12 549	$22 502
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	8 748	225	489	478	1 052	1 566	1 610	2 717	611	$21 420	$25 745	7 274	$22 773
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	243	8	11	14	40	66	47	51	6	$18 259	$19 536	201	$19 000
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	520	5	24	15	24	40	142	251	19	$25 194	$24 922	331	$25 996
MANAGERS, MEDICINE AND HEALTH	99	-	8	7	31	12	7	34	-	$16 193	$21 897	77	$21 557
OTHER SPECIFIED MANAGERS	1 689	40	68	56	137	374	322	626	66	$22 255	$25 215	1 502	$23 383
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	3 914	66	202	177	481	570	652	1 336	430	$23 242	$29 183	3 356	$25 028
MANUFACTURING	1 596	12	8	8	94	160	251	762	301	$30 814	$38 890	1 499	$31 303
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	147	2	2	14	18	29	37	26	19	$20 831	$26 933	124	$22 191
WHOLESALE AND RETAIL TRADE	1 024	21	89	94	209	152	159	239	61	$17 918	$22 151	834	$20 254
ALL OTHER INDUSTRIES	1 147	31	103	61	160	229	205	309	49	$19 691	$22 244	899	$21 006
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	385	53	38	62	77	29	25	55	46	$12 618	$27 539	301	$13 266
CONSTRUCTION	47	-	10	18	2	11	-	-	6	$9 400	$18 425	15	$16 000
MANUFACTURING	30	17	-	-	5	-	2	-	6	$1 800	$14 351	22	$1 500
WHOLESALE AND RETAIL TRADE	184	20	13	29	41	11	15	40	15	$12 812	$22 912	154	$13 528
ALL OTHER INDUSTRIES	124	16	15	15	29	7	8	15	19	$13 309	$41 051	110	$13 683
MANAGEMENT RELATED OCCUPATIONS	1 898	53	138	147	262	475	415	364	44	$18 280	$19 984	1 506	$20 150
ACCOUNTANTS AND AUDITORS	808	18	41	98	95	226	170	143	17	$17 889	$20 462	661	$19 982
BUYERS AND PURCHASING AGENTS	250	9	10	13	61	63	49	45	-	$17 045	$18 452	214	$18 115
PROFESSIONAL SPECIALTY OCCUPATIONS	8 224	271	708	764	895	1 478	1 613	2 060	435	$19 982	$22 288	5 275	$22 168
ENGINEERS, ARCHITECTS, AND SURVEYORS	1 214	25	28	67	77	254	298	446	19	$22 171	$23 346	1 046	$23 167
ARCHITECTS	85	5	-	7	5	19	4	38	7	$25 269	$31 536	78	$25 679
ENGINEERS	1 113	20	28	60	63	235	287	408	12	$22 160	$22 815	952	$23 127
ELECTRICAL AND ELECTRONIC ENGINEERS	160	-	-	15	6	40	31	68	-	$22 699	$22 498	143	$23 867
MECHANICAL ENGINEERS	261	-	11	5	25	63	62	91	4	$21 712	$22 325	203	$22 619
OTHER ENGINEERS	692	20	17	40	32	132	194	249	8	$22 218	$23 074	606	$23 156
SURVEYORS AND MAPPING SCIENTISTS	16	-	-	-	9	-	7	-	-	$14 469	$16 742	16	$14 469
MATHEMATICAL AND COMPUTER SCIENTISTS	185	9	16	6	16	47	27	64	-	$19 775	$19 458	163	$21 448
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	133	9	9	6	3	32	27	47	-	$21 079	$19 399	118	$22 356
NATURAL SCIENTISTS	429	15	36	21	44	43	58	203	9	$24 731	$25 809	369	$25 753
HEALTH DIAGNOSING OCCUPATIONS	697	6	7	44	19	45	30	260	286	$45 009	$51 111	493	$48 359
PHYSICIANS	467	6	7	44	7	25	-	160	218	$47 811	$54 233	324	$51 731
DENTISTS	153	-	-	-	-	2	18	70	63	$46 073	$52 406	112	$50 000
OTHER HEALTH DIAGNOSING PRACTITIONERS	77	-	-	-	12	18	12	30	5	$23 260	$29 602	57	$32 934
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	373	7	31	32	75	54	73	97	4	$18 576	$19 450	304	$21 024
REGISTERED NURSES	103	-	5	6	22	23	24	23	-	$18 722	$19 248	90	$20 000
PHARMACISTS	176	7	14	11	9	17	44	74	-	$23 012	$22 393	153	$24 606
THERAPISTS	68	-	6	5	39	14	-	-	4	$13 262	$15 493	51	$13 921
TEACHERS, LIBRARIANS, AND COUNSELORS	3 106	133	354	272	310	628	836	552	21	$18 537	$17 419	1 168	$21 427
TEACHERS, POSTSECONDARY	1 037	26	151	71	51	45	270	402	21	$22 802	$21 127	449	$25 812
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	1 007	36	65	85	166	310	297	48	-	$16 879	$15 929	330	$18 310
TEACHERS, SECONDARY	637	13	77	52	68	207	180	40	-	$17 034	$15 835	177	$20 017
SOCIAL SCIENTISTS AND URBAN PLANNERS	220	-	8	32	14	23	49	86	8	$22 995	$28 175	197	$24 386
SOCIAL AND RECREATION WORKERS	330	5	14	61	33	123	77	17	-	$16 482	$15 453	236	$17 671
RELIGIOUS WORKERS	439	6	53	93	145	81	53	8	-	$12 427	$12 538	395	$12 768
LAWYERS AND JUDGES	495	-	26	42	27	50	44	223	83	$29 751	$32 747	420	$31 929
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	736	65	135	94	135	130	68	104	5	$12 546	$13 978	484	$16 016
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	12 959	764	1 933	1 162	2 492	2 658	1 772	1 920	258	$15 166	$16 136	8 995	$17 991
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	2 298	97	252	216	409	469	406	419	30	$16 466	$17 293	1 675	$19 334
HEALTH TECHNOLOGISTS AND TECHNICIANS	344	15	55	63	94	58	38	21	-	$12 286	$12 927	240	$14 785
LICENSED PRACTICAL NURSES	50	-	9	6	10	20	-	5	-	$15 000	$13 718	35	$15 987
ENGINEERING AND SCIENCE TECHNICIANS	1 300	68	103	101	241	302	240	238	7	$16 806	$17 446	1 005	$18 985
ELECTRICAL AND ELECTRONIC TECHNICIANS	109	11	6	7	19	50	8	8	-	$15 594	$14 661	77	$15 920
DRAFTING AND SURVEYING TECHNICIANS	432	23	33	57	127	109	44	39	-	$14 017	$14 358	311	$15 812
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	654	14	94	52	74	109	128	160	23	$19 062	$19 284	430	$22 187
AIRPLANE PILOTS AND NAVIGATORS	59	6	-	5	19	-	11	11	7	$14 699	$23 536	26	$22 057
COMPUTER PROGRAMMERS	184	2	20	19	13	64	36	30	-	$17 371	$17 162	136	$19 338
SALES OCCUPATIONS	6 581	418	1 023	590	1 224	1 186	820	1 113	207	$15 105	$16 906	4 626	$18 319
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 293	39	117	94	293	304	161	256	29	$16 285	$18 474	1 035	$18 124
SELF-EMPLOYED	307	24	46	40	49	56	20	72	-	$14 209	$15 177	248	$16 060
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	1 359	43	150	92	223	171	245	329	106	$20 007	$22 681	1 061	$21 643
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	1 441	23	67	89	276	347	217	363	59	$18 469	$20 660	1 231	$19 965
SALES WORKERS, RETAIL AND PERSONAL SERVICES	2 485	313	686	315	432	364	197	165	13	$9 169	$10 770	1 299	$15 364
CASHIERS	350	94	122	42	44	37	9	2	-	$4 643	$6 557	83	$15 039
SALES RELATED OCCUPATIONS	3	-	3	-	-	-	-	-	-	$5 500	$5 005	-	-

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KALAMAZOO-PORTAGE, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	4 080	249	658	356	859	1 003	546	388	21	$14 442	$14 242	2 694	$17 026
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	548	10	16	26	52	141	144	154	5	$20 709	$20 488	492	$21 339
COMPUTER EQUIPMENT OPERATORS	206	7	26	24	55	45	37	12	-	$14 288	$14 366	111	$17 850
SECRETARIES, STENOGRAPHERS, AND TYPISTS	80	9	24	7	15	5	6	14	-	$9 000	$12 880	45	$17 182
SECRETARIES	40	9	10	7	9	5	-	-	-	$6 286	$7 455	14	$11 556
RECEPTIONISTS	145	52	68	19	6	-	-	-	-	$2 759	$3 389	7	$9 000
FILE CLERKS	65	13	12	-	18	2	14	6	-	$12 967	$12 894	30	$14 207
FINANCIAL RECORDS PROCESSING OCCUPATIONS	223	17	37	33	48	32	18	28	10	$12 461	$14 975	142	$17 196
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	117	12	16	23	18	5	7	26	10	$11 875	$16 776	73	$24 571
TELEPHONE OPERATORS	12	-	6	-	-	-	-	6	-	$15 000	$14 700	6	$25 462
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	603	19	98	25	33	295	106	21	6	$16 351	$15 882	454	$17 334
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	889	28	112	94	320	235	75	25	-	$12 926	$12 926	578	$15 170
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	74	-	2	15	17	5	28	7	-	$17 743	$16 314	57	$20 578
BANK TELLERS	31	-	26	5	-	-	-	-	-	$4 300	$4 904	5	$9 000
DATA-ENTRY KEYERS	8	-	-	-	-	8	-	-	-	$15 439	$19 405	8	$15 439
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	1 196	94	231	108	295	235	118	115	-	$12 919	$12 929	759	$15 920
SERVICE OCCUPATIONS	7 292	1 657	2 108	964	1 294	614	486	164	5	$5 710	$7 995	3 021	$12 922
PRIVATE HOUSEHOLD OCCUPATIONS	22	7	13	-	2	-	-	-	-	$2 308	$2 787	-	-
PROTECTIVE SERVICE OCCUPATIONS	1 250	107	163	126	189	254	305	106	-	$15 567	$14 513	858	$18 585
FIREFIGHTING OCCUPATIONS	133	-	-	6	21	55	35	16	-	$18 018	$19 381	103	$18 262
POLICE AND DETECTIVES, PUBLIC SERVICE	400	5	2	3	100	88	184	18	-	$20 018	$18 248	387	$20 061
GUARDS	543	98	150	109	58	43	46	39	-	$6 712	$9 219	213	$14 330
OTHER PROTECTIVE SERVICE OCCUPATIONS	174	4	11	8	10	68	40	33	-	$18 524	$18 723	155	$18 885
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	6 020	1 543	1 932	838	1 103	360	181	58	5	$4 811	$6 661	2 163	$11 698
FOOD PREPARATION AND SERVICE OCCUPATIONS	2 253	726	1 074	225	167	28	17	16	-	$2 991	$4 151	423	$9 546
WAITERS AND FOOD COUNTER WORKERS	172	45	106	21	-	-	-	-	-	$2 911	$3 426	4	$9 000
COOKS	918	321	439	83	53	12	8	2	-	$2 758	$3 823	168	$9 185
HEALTH SERVICE OCCUPATIONS	338	29	69	80	135	8	12	-	5	$9 617	$9 664	196	$12 325
NURSING AIDES, ORDERLIES, AND ATTENDANTS	311	20	62	80	133	6	5	-	5	$9 723	$9 729	185	$12 207
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	2 948	623	673	448	718	307	137	42	-	$7 798	$8 358	1 387	$12 210
PERSONAL SERVICE OCCUPATIONS	481	165	116	85	83	17	15	-	-	$4 544	$5 903	157	$11 087
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	155	-	60	33	37	12	13	-	-	$7 591	$8 998	83	$10 875
FARMING, FORESTRY, AND FISHING OCCUPATIONS	2 475	553	589	485	420	187	124	110	7	$6 652	$8 195	1 303	$10 647
FARM OPERATORS AND MANAGERS	1 013	225	154	171	156	122	94	84	7	$9 022	$10 290	727	$10 671
FARM OCCUPATIONS, EXCEPT MANAGERIAL	887	228	299	191	124	22	3	20	-	$4 837	$5 903	331	$8 024
RELATED AGRICULTURAL OCCUPATIONS	532	94	123	104	138	42	25	6	-	$7 849	$8 199	234	$12 793
FORESTRY AND FISHING OCCUPATIONS	43	6	13	19	2	1	2	-	-	$6 294	$6 101	11	$7 250
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	15 202	576	1 260	1 407	2 889	3 263	3 010	2 682	115	$16 811	$17 362	10 779	$19 178
MECHANICS AND REPAIRERS	4 798	167	421	550	1 150	1 085	879	541	5	$15 349	$15 429	3 653	$16 903
AUTOMOBILE MECHANICS, INCLUDING BODY	1 358	59	163	245	351	298	157	82	3	$12 901	$13 246	960	$14 313
AIRCRAFT MECHANICS	98	-	16	6	20	25	31	-	-	$16 007	$14 362	88	$16 867
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	200	8	12	11	64	53	33	19	-	$15 303	$15 625	138	$17 755
OTHER MECHANICS AND REPAIRERS	3 142	100	230	288	715	709	658	440	2	$16 275	$16 393	2 467	$18 034
CONSTRUCTION TRADES	4 972	254	551	579	993	1 006	774	766	49	$15 382	$15 922	2 712	$18 586
CARPENTERS	1 272	82	169	237	317	322	87	52	6	$12 053	$12 333	573	$14 487
ELECTRICIANS	669	9	36	44	113	133	176	156	2	$19 974	$19 138	483	$20 866
PAINTERS, CONSTRUCTION AND MAINTENANCE	417	62	68	70	82	60	33	42	-	$10 436	$11 317	182	$15 344
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	607	8	46	49	96	108	142	158	-	$19 784	$18 798	395	$21 516
OTHER CONSTRUCTION TRADES	2 007	93	232	179	385	383	336	358	41	$16 154	$17 211	1 079	$20 291
EXTRACTIVE OCCUPATIONS	31	-	6	7	3	9	-	6	-	$14 410	$14 143	12	$15 989
PRECISION PRODUCTION OCCUPATIONS	5 401	155	282	271	743	1 163	1 357	1 369	61	$20 212	$20 424	4 402	$20 968
SUPERVISORS, PRODUCTION OCCUPATIONS	2 487	64	90	89	252	590	703	646	53	$20 784	$22 332	2 149	$21 413
MANUFACTURING	2 014	59	39	47	183	471	607	574	34	$21 248	$22 337	1 788	$21 778
PRECISION METALWORKING OCCUPATIONS	1 982	49	119	112	319	306	485	586	6	$20 630	$19 873	1 540	$21 525
TOOL AND DIE MAKERS	985	9	22	20	99	138	230	467	-	$24 270	$23 486	827	$24 943
MACHINISTS	648	35	77	58	131	123	149	75	-	$15 692	$15 565	473	$18 820
SHEET METAL WORKERS	222	-	10	32	60	25	74	21	-	$16 511	$16 369	140	$20 151
OTHER PRECISION METAL WORKERS	127	5	10	2	29	20	32	23	6	$19 201	$19 961	100	$18 599
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	75	6	14	6	15	16	11	7	-	$11 533	$13 005	69	$11 133
PLANT AND SYSTEM OPERATORS	219	6	5	-	11	69	69	57	2	$20 920	$21 219	187	$20 917
OTHER PRECISION PRODUCTION OCCUPATIONS	638	30	54	64	146	182	89	73	-	$15 439	$15 293	457	$17 232

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KALAMAZOO-PORTAGE, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
OPERATORS, FABRICATORS, AND LABORERS	19 308	1 415	2 204	2 398	4 513	4 722	2 810	1 157	89	$13 957	$13 765	11 632	$16 342
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	10 617	430	774	1 098	2 631	3 093	1 836	721	34	$15 380	$15 103	7 268	$16 764
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	7 507	310	583	779	1 826	2 138	1 375	487	9	$15 378	$14 898	5 297	$16 846
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	1 866	66	115	196	476	578	339	96	-	$15 426	$14 833	1 273	$16 608
PRINTING MACHINE OPERATORS	741	36	73	65	167	244	126	30	-	$15 355	$14 507	546	$16 639
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	176	7	35	41	35	39	12	7	-	$10 625	$11 033	101	$15 091
TEXTILE MACHINE OPERATORS	26	-	1	-	-	19	6	-	-	$17 114	$17 357	25	$17 249
TEXTILE SEWING MACHINE OPERATORS	22	-	15	7	-	-	-	-	-	$5 200	$4 761	-	-
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	118	7	19	34	35	10	6	7	-	$9 882	$10 472	66	$12 116
OTHER SPECIFIED MACHINE OPERATORS	1 988	80	160	236	454	557	365	129	7	$15 365	$14 877	1 470	$16 712
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	2 736	121	200	241	694	720	533	225	2	$15 518	$15 311	1 907	$17 356
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	1 157	20	54	91	255	330	297	110	-	$16 867	$16 765	876	$18 603
MACHINE OPERATORS, NOT SPECIFIED	1 579	101	146	150	439	390	236	115	2	$14 391	$14 245	1 031	$16 505
INDUSTRY:													
MANUFACTURING	2 583	107	174	219	661	688	520	212	2	$15 641	$15 499	1 814	$17 455
NONDURABLE GOODS	1 527	41	74	130	361	417	339	163	2	$16 404	$16 562	1 154	$18 109
FOOD AND KINDRED PRODUCTS	131	16	16	-	48	22	18	11	-	$13 336	$13 528	80	$15 777
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	12	-	-	10	2	-	-	-	-	$9 200	$9 302	10	$9 000
PAPER AND ALLIED PRODUCTS	1 023	14	21	78	225	322	249	112	2	$17 122	$17 542	820	$18 529
OTHER NONDURABLE GOODS	361	11	37	42	86	73	72	40	-	$15 213	$15 128	244	$17 729
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	1 056	66	100	89	300	271	181	49	-	$14 441	$13 962	660	$16 509
METAL INDUSTRIES	226	8	21	14	108	42	30	3	-	$12 955	$13 316	116	$14 406
MACHINERY, INCLUDING ELECTRICAL	341	37	31	46	102	66	40	19	-	$12 658	$12 651	208	$15 488
TRANSPORTATION EQUIPMENT	323	8	15	11	47	110	109	23	-	$18 174	$17 242	228	$20 182
OTHER DURABLE GOODS	166	13	33	18	43	53	2	4	-	$12 737	$11 153	108	$15 168
NONMANUFACTURING INDUSTRIES	153	14	26	22	33	32	13	13	-	$12 282	$12 131	93	$15 538
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	42	-	7	-	9	6	13	7	-	$18 958	$17 097	26	$21 167
WHOLESALE AND RETAIL TRADE	53	8	5	10	6	24	-	-	-	$13 585	$11 038	28	$15 203
ALL OTHER INDUSTRIES	58	6	14	12	18	2	-	6	-	$8 800	$9 533	39	$10 083
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	2 175	92	158	254	614	607	258	167	25	$14 725	$15 125	1 263	$15 910
WELDERS AND CUTTERS	1 019	41	64	134	246	301	128	99	6	$15 246	$15 258	590	$16 237
ASSEMBLERS	1 079	45	93	115	337	290	124	62	13	$14 206	$14 743	624	$15 711
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	77	6	1	5	31	16	6	6	6	$14 159	$18 720	49	$14 195
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	935	28	33	65	191	348	203	67	-	$16 527	$16 700	708	$17 582
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	4 607	273	441	564	1 048	1 088	771	388	34	$14 871	$14 912	2 893	$16 557
MOTOR VEHICLE OPERATORS	2 984	210	361	383	602	608	512	276	32	$14 400	$14 843	1 835	$16 886
TRUCK DRIVERS AND DRIVER-SALES WORKERS	2 647	169	246	331	564	557	482	266	32	$15 081	$15 516	1 685	$17 279
BUS DRIVERS	182	22	56	44	19	34	7	-	-	$7 130	$8 983	83	$12 416
RAIL AND WATER TRANSPORTATION OCCUPATIONS	108	15	-	2	-	43	20	28	-	$18 968	$18 716	80	$20 000
MATERIAL MOVING EQUIPMENT OPERATORS	1 515	48	80	179	446	437	239	84	2	$15 030	$14 778	978	$15 933
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	137	5	-	10	43	50	12	17	-	$15 627	$16 340	85	$15 929
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	4 084	712	989	736	834	541	203	48	21	$7 790	$8 993	1 471	$13 452
CONSTRUCTION LABORERS	849	62	152	161	261	136	48	29	-	$11 414	$11 196	293	$14 228
FREIGHT, STOCK, AND MATERIAL HANDLERS	1 306	282	391	237	161	162	48	17	8	$5 770	$7 824	426	$13 433
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	378	130	151	55	40	2	-	-	-	$2 983	$4 050	90	$9 263
HAND PACKERS AND PACKAGERS	269	33	37	48	81	51	11	2	6	$11 100	$11 856	145	$13 617
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	430	80	86	69	80	62	53	-	-	$8 000	$9 554	158	$14 070
LABORERS, EXCEPT CONSTRUCTION	852	125	172	166	211	128	43	-	7	$9 013	$9 598	359	$13 935
MANUFACTURING	468	42	60	78	148	95	38	-	7	$12 146	$11 824	239	$14 795
NONDURABLE GOODS	255	26	32	40	83	46	21	-	7	$12 056	$12 210	138	$14 284
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	213	16	28	38	65	49	17	-	-	$12 258	$11 363	101	$15 286
METAL INDUSTRIES	61	7	5	15	29	5	-	-	-	$10 538	$9 385	25	$11 923
NONMANUFACTURING INDUSTRIES	384	83	112	88	63	33	5	-	-	$5 917	$6 884	120	$12 464
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	61	7	8	11	13	22	-	-	-	$12 532	$10 711	25	$15 275
WHOLESALE AND RETAIL TRADE	184	41	55	55	17	11	5	-	-	$5 500	$6 339	69	$9 318
ALL OTHER INDUSTRIES	139	35	49	22	33	-	-	-	-	$5 482	$5 927	26	$12 060
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	42	8	13	21	-	-	-	-	-	$6 000	$5 326	22	$6 167

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

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

KALAMAZOO-PORTAGE, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
FEMALE EXPERIENCED CIVILIAN LABOR FORCE	55 383	9 160	15 078	13 005	10 956	4 974	1 525	652	33	$7 050	$7 854	23 097	$10 840
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	11 965	1 108	1 989	2 044	3 077	2 518	841	368	20	$11 337	$11 341	5 101	$13 927
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	3 383	205	575	797	998	417	228	154	9	$10 466	$11 298	2 186	$12 440
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	101	5	22	39	12	16	7	-	-	$7 679	$9 854	47	$13 981
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	304	14	43	54	81	32	28	52	-	$11 907	$14 167	150	$14 856
MANAGERS, MEDICINE AND HEALTH	42	-	9	-	6	16	11	-	-	$16 258	$15 382	35	$17 236
OTHER SPECIFIED MANAGERS	464	14	52	112	174	52	37	17	6	$11 213	$12 455	349	$12 169
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	1 213	99	219	332	334	144	34	48	3	$9 549	$10 531	736	$12 110
MANUFACTURING	106	2	12	14	41	13	7	17	-	$13 010	$15 160	72	$15 276
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	11	-	-	-	-	6	-	5	-	$19 316	$22 187	11	$19 316
WHOLESALE AND RETAIL TRADE	465	34	96	159	126	30	-	17	3	$8 772	$10 082	262	$10 476
ALL OTHER INDUSTRIES	631	63	111	159	167	95	27	9	-	$9 598	$9 881	391	$12 358
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	133	26	31	34	4	17	18	3	-	$6 613	$7 351	83	$6 294
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING	7	-	7	-	-	-	-	-	-	$5 500	$5 148	5	$5 500
WHOLESALE AND RETAIL TRADE	86	24	14	23	4	-	18	3	-	$6 500	$6 544	68	$6 333
ALL OTHER INDUSTRIES	40	2	10	11	-	17	-	-	-	$7 455	$9 473	10	$7 200
MANAGEMENT RELATED OCCUPATIONS	1 126	47	199	226	387	140	93	34	-	$10 924	$11 316	786	$12 631
ACCOUNTANTS AND AUDITORS	498	21	74	100	176	60	47	20	-	$11 636	$12 155	357	$13 223
BUYERS AND PURCHASING AGENTS	160	-	20	50	70	12	8	-	-	$10 392	$10 166	123	$10 979
PROFESSIONAL SPECIALTY OCCUPATIONS	8 582	903	1 414	1 247	2 079	2 101	613	214	11	$11 893	$11 359	2 915	$15 157
ENGINEERS, ARCHITECTS, AND SURVEYORS	45	-	-	4	22	11	8	-	-	$13 300	$13 484	31	$16 051
ARCHITECTS	4	-	-	4	-	-	-	-	-	$7 000	$6 005	-	-
ENGINEERS	41	-	-	-	22	11	8	-	-	$14 211	$14 213	31	$16 051
ELECTRICAL AND ELECTRONIC ENGINEERS	5	-	-	-	5	-	-	-	-	$12 272	$13 005	-	-
MECHANICAL ENGINEERS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER ENGINEERS	36	-	-	-	17	11	8	-	-	$15 272	$14 381	31	$16 051
SURVEYORS AND MAPPING SCIENTISTS	-	-	-	-	-	-	-	-	-	-	-	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	16	-	-	4	2	6	4	-	-	$16 089	$15 645	16	$16 089
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	10	-	-	4	-	4	2	-	-	$15 734	$15 317	10	$15 734
NATURAL SCIENTISTS	193	13	25	38	57	31	6	23	-	$11 783	$13 047	130	$14 415
HEALTH DIAGNOSING OCCUPATIONS	66	-	-	7	19	17	5	7	11	$16 578	$22 595	35	$18 629
PHYSICIANS	54	-	-	-	19	12	5	7	11	$17 919	$25 008	28	$21 655
DENTISTS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER HEALTH DIAGNOSING PRACTITIONERS	12	-	-	7	-	5	-	-	-	$9 714	$11 734	7	$9 000
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	2 276	114	335	367	674	625	101	60	-	$12 194	$11 876	1 104	$15 545
REGISTERED NURSES	1 777	88	218	293	525	523	81	49	-	$12 580	$12 186	847	$15 738
PHARMACISTS	85	-	7	12	15	20	20	11	-	$16 667	$16 600	61	$20 070
THERAPISTS	331	26	94	53	87	71	-	-	-	$9 167	$9 254	144	$12 740
TEACHERS, LIBRARIANS, AND COUNSELORS	4 559	574	728	547	1 052	1 137	409	112	-	$12 318	$11 433	930	$14 903
TEACHERS, POSTSECONDARY	604	79	140	69	102	87	80	47	-	$10 560	$11 429	131	$16 948
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	2 506	209	315	258	687	756	236	45	-	$13 459	$12 441	406	$14 300
TEACHERS, SECONDARY	533	42	57	65	145	182	42	-	-	$13 593	$12 495	111	$15 315
SOCIAL SCIENTISTS AND URBAN PLANNERS	96	-	5	8	27	37	19	-	-	$15 628	$14 927	24	$17 635
SOCIAL AND RECREATION WORKERS	579	47	68	147	93	189	35	-	-	$12 153	$11 567	348	$15 239
RELIGIOUS WORKERS	38	-	13	8	11	6	-	-	-	$7 500	$8 994	21	$10 714
LAWYERS AND JUDGES	35	-	6	2	23	2	2	-	-	$12 142	$11 765	17	$12 190
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	679	155	234	115	99	40	24	12	-	$4 971	$6 743	259	$9 976
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	23 786	3 276	6 642	6 712	5 040	1 534	427	147	8	$7 262	$7 572	11 254	$10 420
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	2 161	171	451	526	639	265	96	13	-	$9 453	$9 450	1 031	$12 722
HEALTH TECHNOLOGISTS AND TECHNICIANS	1 403	96	263	375	480	143	38	8	-	$9 635	$9 342	676	$12 411
LICENSED PRACTICAL NURSES	658	49	130	198	218	58	5	-	-	$8 857	$8 471	274	$11 646
ENGINEERING AND SCIENCE TECHNICIANS	423	38	83	82	96	90	31	3	-	$10 309	$10 312	228	$14 115
ELECTRICAL AND ELECTRONIC TECHNICIANS	16	-	2	9	-	5	-	-	-	$8 800	$11 523	12	$9 600
DRAFTING AND SURVEYING TECHNICIANS	63	7	25	5	19	7	-	-	-	$5 875	$7 322	31	$11 235
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	335	37	105	69	63	32	27	2	-	$7 645	$8 813	127	$13 851
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	138	19	24	38	29	18	10	-	-	$8 588	$9 246	50	$14 247
SALES OCCUPATIONS	6 149	1 314	2 463	1 200	802	209	69	92	-	$4 422	$5 902	1 902	$9 416
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	520	87	121	141	125	17	28	1	-	$7 962	$7 845	317	$9 617
SELF-EMPLOYED	79	35	2	6	28	-	7	1	-	$8 833	$6 885	66	$9 000
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	651	50	171	153	156	62	12	47	-	$9 058	$9 914	353	$10 241
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	304	34	43	45	111	46	7	18	-	$11 071	$10 621	196	$12 448
SALES WORKERS, RETAIL AND PERSONAL SERVICES	4 669	1 141	2 128	858	410	84	22	26	-	$3 715	$4 819	1 033	$8 822
CASHIERS	2 004	449	858	374	243	71	9	-	-	$3 950	$5 324	455	$9 349
SALES RELATED OCCUPATIONS	5	2	-	3	-	-	-	-	-	$8 333	$6 025	3	$9 000

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KALAMAZOO-PORTAGE, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
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TOTAL													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	15 476	1 791	3 728	4 986	3 599	1 060	262	42	8	$7 960	$7 973	8 321	$10 334
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	453	21	52	125	143	51	47	14	-	$10 826	$11 543	367	$12 072
COMPUTER EQUIPMENT OPERATORS	245	21	38	52	121	8	5	-	-	$10 311	$8 934	168	$10 838
SECRETARIES, STENOGRAPHERS, AND TYPISTS	5 821	592	1 368	1 864	1 532	399	58	2	6	$8 275	$8 087	3 160	$10 600
SECRETARIES	5 098	420	1 168	1 656	1 416	381	51	-	6	$8 531	$8 351	2 853	$10 739
RECEPTIONISTS	942	228	335	295	82	-	-	-	2	$4 342	$5 052	333	$8 552
FILE CLERKS	247	80	66	50	33	1	17	-	-	$3 563	$5 834	95	$8 167
FINANCIAL RECORDS PROCESSING OCCUPATIONS	2 270	158	488	779	634	167	29	15	-	$8 774	$8 713	1 399	$10 386
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	1 746	126	366	624	491	118	12	9	-	$8 711	$8 602	1 044	$10 288
TELEPHONE OPERATORS	257	48	58	77	55	16	3	-	-	$6 865	$7 134	110	$9 857
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	436	39	73	115	81	82	46	-	-	$9 750	$10 758	219	$14 481
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	452	35	108	205	83	21	-	-	-	$8 032	$7 667	252	$9 333
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	94	-	7	47	40	-	-	-	-	$9 588	$10 155	87	$9 741
BANK TELLERS	560	26	183	320	22	9	-	-	-	$6 714	$6 385	320	$7 732
DATA-ENTRY KEYERS	310	28	61	90	105	26	-	-	-	$8 884	$8 554	191	$10 926
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	3 389	515	891	967	668	280	57	11	-	$7 238	$7 599	1 620	$10 841
SERVICE OCCUPATIONS	10 804	3 415	4 270	1 979	855	187	44	49	5	$3 575	$4 563	2 763	$8 153
PRIVATE HOUSEHOLD OCCUPATIONS	616	419	162	14	4	8	7	2	-	$1 224	$2 126	48	$5 778
PROTECTIVE SERVICE OCCUPATIONS	259	45	63	26	55	49	14	7	-	$9 438	$9 249	120	$15 000
FIREFIGHTING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
POLICE AND DETECTIVES, PUBLIC SERVICE	41	-	-	-	15	18	8	-	-	$15 896	$15 294	36	$15 705
GUARDS	148	39	45	15	27	15	-	7	-	$5 333	$7 304	54	$12 411
OTHER PROTECTIVE SERVICE OCCUPATIONS	70	6	18	11	13	16	6	-	-	$10 000	$9 819	30	$15 528
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	9 929	2 951	4 045	1 939	796	130	23	40	5	$3 725	$4 592	2 595	$8 024
FOOD PREPARATION AND SERVICE OCCUPATIONS	4 803	1 651	2 153	742	196	39	2	20	-	$3 152	$3 767	910	$6 712
WAITERS AND FOOD COUNTER WORKERS	2 320	857	1 067	301	69	6	-	20	-	$2 956	$3 503	363	$6 209
COOKS	910	211	407	230	54	8	-	-	-	$4 241	$4 563	211	$7 262
HEALTH SERVICE OCCUPATIONS	2 276	367	888	680	265	65	-	6	5	$5 312	$5 985	897	$8 818
NURSING AIDES, ORDERLIES, AND ATTENDANTS	1 697	293	675	475	208	41	-	-	5	$5 115	$5 769	645	$8 434
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	1 253	353	396	240	239	8	11	6	-	$4 855	$5 764	446	$9 429
PERSONAL SERVICE OCCUPATIONS	1 597	580	608	277	96	18	10	8	-	$3 049	$4 167	342	$7 492
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	507	59	209	167	51	9	10	2	-	$5 758	$6 021	122	$9 158
FARMING, FORESTRY, AND FISHING OCCUPATIONS	916	401	295	133	54	11	5	17	-	$2 543	$3 917	230	$6 711
FARM OPERATORS AND MANAGERS	173	64	57	17	14	2	5	14	-	$3 675	$5 471	88	$5 650
FARM OCCUPATIONS, EXCEPT MANAGERIAL	568	295	183	69	18	-	-	3	-	$1 929	$2 958	74	$6 000
RELATED AGRICULTURAL OCCUPATIONS	168	42	48	47	22	9	-	-	-	$5 000	$5 483	68	$9 000
FORESTRY AND FISHING OCCUPATIONS	7	-	7	-	-	-	-	-	-	$5 500	$5 755	-	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	931	119	169	275	215	73	42	38	-	$8 333	$9 391	538	$11 658
MECHANICS AND REPAIRERS	124	10	4	41	30	18	15	6	-	$11 167	$11 899	83	$14 186
AUTOMOBILE MECHANICS, INCLUDING BODY	22	4	-	6	12	-	-	-	-	$12 037	$9 874	5	$12 272
AIRCRAFT MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER MECHANICS AND REPAIRERS	102	6	4	35	18	18	15	6	-	$11 000	$12 335	78	$15 000
CONSTRUCTION TRADES	64	15	21	8	8	7	5	-	-	$5 200	$7 283	28	$14 023
CARPENTERS	18	13	-	-	-	-	5	-	-	$1 333	$6 173	5	$20 453
ELECTRICIANS	-	-	-	-	-	-	-	-	-	-	-	-	-
PAINTERS, CONSTRUCTION AND MAINTENANCE	18	2	7	-	2	7	-	-	-	$7 500	$9 094	9	$15 289
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	13	-	5	5	3	-	-	-	-	$6 600	$7 491	8	$5 800
OTHER CONSTRUCTION TRADES	15	-	9	3	3	-	-	-	-	$4 786	$6 261	6	$11 000
EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	743	94	144	226	177	48	22	32	-	$8 150	$9 154	427	$11 141
SUPERVISORS, PRODUCTION OCCUPATIONS	302	18	32	77	95	42	18	20	-	$11 455	$12 333	232	$12 857
MANUFACTURING	194	10	15	18	71	42	18	20	-	$13 622	$14 721	168	$14 639
PRECISION METALWORKING OCCUPATIONS	76	20	35	-	17	-	4	-	-	$4 429	$5 923	33	$11 125
TOOL AND DIE MAKERS	2	-	-	-	-	-	2	-	-	$20 453	$21 525	2	$20 453
MACHINISTS	40	6	23	-	9	-	2	-	-	$4 643	$6 499	23	$5 875
SHEET METAL WORKERS	6	-	-	-	6	-	-	-	-	$11 000	$10 005	6	$11 000
OTHER PRECISION METAL WORKERS	28	14	12	-	2	-	-	-	-	$2 500	$3 111	2	$11 000
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	129	38	25	40	10	4	-	12	-	$6 075	$7 057	56	$7 857
PLANT AND SYSTEM OPERATORS	5	2	-	3	-	-	-	-	-	$8 333	$5 949	-	-
OTHER PRECISION PRODUCTION OCCUPATIONS	231	16	52	106	55	2	-	-	-	$7 792	$7 300	106	$9 400

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

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

KALAMAZOO-PORTAGE, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
OPERATORS, FABRICATORS, AND LABORERS	6 975	841	1 707	1 862	1 715	651	166	33	-	$7 919	$8 245	3 211	$10 973
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	4 816	538	1 043	1 374	1 237	480	111	33	-	$8 384	$8 584	2 430	$10 913
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	3 026	362	712	912	689	250	97	4	-	$7 917	$8 190	1 477	$10 183
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	562	30	107	99	182	69	75	-	-	$11 200	$11 245	283	$12 874
PRINTING MACHINE OPERATORS	147	23	30	37	46	11	-	-	-	$7 708	$7 519	89	$10 419
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	406	113	160	116	17	-	-	-	-	$5 014	$4 340	125	$7 453
TEXTILE MACHINE OPERATORS	3	-	3	-	-	-	-	-	-	$4 500	$4 005	-	-
TEXTILE SEWING MACHINE OPERATORS	79	39	16	15	9	-	-	-	-	$3 083	$3 996	14	$7 429
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	259	70	112	69	8	-	-	-	-	$4 262	$4 118	66	$8 276
OTHER SPECIFIED MACHINE OPERATORS	721	72	217	201	160	69	-	2	-	$7 126	$7 677	310	$10 508
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	1 190	124	198	459	284	101	22	2	-	$8 383	$8 455	670	$9 692
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	225	3	53	109	32	21	7	-	-	$7 548	$8 448	143	$8 161
MACHINE OPERATORS, NOT SPECIFIED	965	121	145	350	252	80	15	2	-	$8 624	$8 456	527	$10 074
INDUSTRY:													
MANUFACTURING	1 117	95	170	449	278	101	22	2	-	$8 648	$8 757	655	$9 788
NONDURABLE GOODS	752	90	124	307	153	62	16	-	-	$7 964	$8 157	398	$9 386
FOOD AND KINDRED PRODUCTS	90	3	25	38	15	9	-	-	-	$7 417	$7 701	41	$7 850
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	9	-	-	9	-	-	-	-	-	$7 000	$7 159	9	$7 000
PAPER AND ALLIED PRODUCTS	156	10	23	71	35	15	2	-	-	$8 732	$8 860	102	$10 000
OTHER NONDURABLE GOODS	497	77	76	189	103	38	14	-	-	$7 873	$8 037	246	$9 424
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	365	5	46	142	125	39	6	2	-	$9 761	$9 993	257	$10 382
METAL INDUSTRIES	97	3	8	55	31	-	-	-	-	$9 079	$8 678	68	$9 000
MACHINERY, INCLUDING ELECTRICAL	69	-	15	18	28	6	-	2	-	$10 136	$9 748	46	$10 100
TRANSPORTATION EQUIPMENT	128	-	14	42	45	21	6	-	-	$10 571	$11 079	98	$11 333
OTHER DURABLE GOODS	71	2	9	27	21	12	-	-	-	$9 750	$10 067	45	$11 167
NONMANUFACTURING INDUSTRIES	73	29	28	10	6	-	-	-	-	$4 100	$3 831	15	$6 500
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	29	22	3	4	-	-	-	-	-	$1,000-	$1 807	7	$6 250
ALL OTHER INDUSTRIES	44	7	25	6	6	-	-	-	-	$5 375	$5 165	8	$6 667
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	1 033	127	229	285	280	95	7	10	-	$8 362	$8 367	480	$10 878
WELDERS AND CUTTERS	115	16	28	26	15	30	-	-	-	$7 688	$8 800	61	$10 917
ASSEMBLERS	874	107	197	230	258	65	7	10	-	$8 584	$8 374	410	$10 862
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	44	4	4	29	7	-	-	-	-	$7 167	$7 095	9	$11 000
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	757	49	102	177	268	135	7	19	-	$10 971	$10 456	473	$13 065
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	626	50	297	121	118	17	23	-	-	$5 382	$6 835	138	$11 130
MOTOR VEHICLE OPERATORS	519	40	279	107	62	8	23	-	-	$4 934	$6 295	107	$11 118
TRUCK DRIVERS AND DRIVER-SALES WORKERS	166	14	37	58	34	-	23	-	-	$7 778	$9 111	61	$13 035
BUS DRIVERS	336	26	240	36	26	8	-	-	-	$4 238	$4 834	37	$10 600
RAIL AND WATER TRANSPORTATION OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	107	10	18	14	56	9	-	-	-	$10 958	$9 455	31	$11 167
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	1 533	253	367	367	360	154	32	-	-	$7 415	$7 755	643	$11 157
CONSTRUCTION LABORERS	11	-	5	6	-	-	-	-	-	$6 167	$6 249	-	-
FREIGHT, STOCK, AND MATERIAL HANDLERS	312	45	111	56	60	20	20	-	-	$6 000	$7 512	133	$11 370
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	34	30	-	2	2	-	-	-	-	$1 350	$2 038	2	$11 000
HAND PACKERS AND PACKAGERS	715	118	141	212	181	59	4	-	-	$7 615	$7 686	307	$10 460
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	87	14	9	31	12	21	-	-	-	$7 783	$8 270	59	$10 636
LABORERS, EXCEPT CONSTRUCTION	374	46	101	60	105	54	8	-	-	$9 111	$8 533	142	$12 653
MANUFACTURING	261	17	39	44	105	48	8	-	-	$11 298	$10 470	125	$12 787
NONDURABLE GOODS	174	17	9	27	82	39	-	-	-	$11 943	$10 851	89	$12 613
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	87	-	30	17	23	9	8	-	-	$9 588	$9 707	36	$14 121
METAL INDUSTRIES	27	-	8	14	5	-	-	-	-	$8 786	$7 811	13	$9 625
NONMANUFACTURING INDUSTRIES	113	29	62	16	-	6	-	-	-	$2 859	$4 059	17	$9 000
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	8	2	-	6	-	-	-	-	-	$6 667	$5 498	6	$7 000
WHOLESALE AND RETAIL TRADE	32	14	8	10	-	-	-	-	-	$5 000	$3 962	5	$9 000
ALL OTHER INDUSTRIES	73	13	54	-	-	6	-	-	-	$2 734	$3 944	6	$15 439
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	6	-	6	-	-	-	-	-	-	$5 500	$5 005	-	-

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

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

LANSING-EAST LANSING, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
MALE EXPERIENCED CIVILIAN LABOR FORCE	125 178	8 855	16 883	11 888	19 355	23 867	20 921	20 946	2 463	$15 885	$16 894	78 040	$19 390
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	28 800	827	2 410	2 052	3 297	5 064	5 338	8 167	1 645	$20 528	$23 340	21 075	$22 704
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	13 482	235	832	785	1 512	2 437	2 460	4 475	746	$21 567	$24 289	11 204	$23 031
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	1 247	21	19	35	59	221	250	610	32	$25 244	$25 572	1 136	$25 817
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	1 050	5	83	24	52	83	186	560	57	$26 241	$26 682	823	$26 975
MANAGERS, MEDICINE AND HEALTH	115	-	-	-	16	19	32	36	12	$23 104	$28 055	101	$24 452
OTHER SPECIFIED MANAGERS	2 181	21	121	137	225	372	495	725	85	$21 753	$23 252	1 852	$22 733
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	4 923	75	364	329	546	847	693	1 621	448	$21 861	$26 795	4 089	$24 206
MANUFACTURING	992	14	41	12	72	190	146	381	136	$25 820	$31 247	875	$28 018
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	299	-	5	6	24	37	59	137	31	$25 899	$27 894	279	$25 524
WHOLESALE AND RETAIL TRADE	1 419	16	180	204	171	288	141	319	100	$16 974	$22 605	1 086	$19 434
ALL OTHER INDUSTRIES	2 213	45	138	107	279	332	347	784	181	$22 635	$27 337	1 849	$24 753
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	676	61	63	70	128	83	69	155	47	$15 766	$19 900	485	$16 931
CONSTRUCTION	133	16	14	25	28	13	9	26	2	$11 150	$14 098	76	$14 551
MANUFACTURING	61	4	7	3	10	10	3	13	11	$17 894	$25 303	49	$18 414
WHOLESALE AND RETAIL TRADE	278	22	36	10	42	42	37	76	13	$18 129	$19 374	188	$19 793
ALL OTHER INDUSTRIES	204	19	6	32	48	18	20	40	21	$14 547	$22 786	172	$14 105
MANAGEMENT RELATED OCCUPATIONS	3 290	52	182	190	486	812	735	768	65	$19 350	$20 746	2 718	$20 662
ACCOUNTANTS AND AUDITORS	1 348	29	57	69	191	360	298	320	24	$19 381	$20 377	1 162	$20 472
BUYERS AND PURCHASING AGENTS	364	4	13	51	50	92	84	70	-	$18 050	$18 379	272	$19 911
PROFESSIONAL SPECIALTY OCCUPATIONS	15 318	592	1 578	1 267	1 785	2 627	2 878	3 692	899	$19 526	$22 506	9 871	$22 373
ENGINEERS, ARCHITECTS, AND SURVEYORS	2 559	35	114	120	168	310	613	1 105	94	$24 137	$25 201	2 157	$25 710
ARCHITECTS	181	14	15	15	31	18	38	38	12	$19 152	$19 456	126	$22 820
ENGINEERS	2 303	21	87	96	106	283	561	1 067	82	$24 970	$26 035	1 972	$26 242
ELECTRICAL AND ELECTRONIC ENGINEERS	186	-	2	7	24	35	58	52	8	$21 634	$22 532	168	$22 373
MECHANICAL ENGINEERS	707	5	23	49	13	57	103	410	47	$30 220	$29 288	589	$31 361
OTHER ENGINEERS	1 410	16	62	40	69	191	400	605	27	$23 787	$24 866	1 215	$24 991
SURVEYORS AND MAPPING SCIENTISTS	75	-	12	9	31	9	14	-	-	$12 515	$13 457	59	$13 678
MATHEMATICAL AND COMPUTER SCIENTISTS	591	-	21	19	60	197	180	108	6	$19 943	$20 124	537	$20 402
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	407	-	13	13	29	133	139	80	-	$20 328	$20 238	382	$20 616
NATURAL SCIENTISTS	595	20	45	103	110	102	90	114	11	$15 722	$17 374	444	$18 714
HEALTH DIAGNOSING OCCUPATIONS	1 177	9	68	65	37	75	56	298	569	$47 089	$56 050	826	$49 750
PHYSICIANS	664	7	31	37	17	60	32	116	364	$54 374	$56 309	484	$55 433
DENTISTS	308	-	8	8	8	4	15	108	157	$50 359	$70 603	202	$50 822
OTHER HEALTH DIAGNOSING PRACTITIONERS	205	2	29	20	12	11	9	74	48	$30 803	$33 346	140	$32 394
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	440	6	47	42	54	107	71	105	8	$17 878	$18 613	280	$21 648
REGISTERED NURSES	85	2	18	7	-	34	9	9	6	$16 600	$17 021	58	$18 755
PHARMACISTS	165	4	9	1	11	19	46	73	2	$23 913	$23 249	120	$25 838
THERAPISTS	126	-	18	34	30	28	2	14	-	$12 858	$13 694	61	$15 457
TEACHERS, LIBRARIANS, AND COUNSELORS	5 750	245	682	500	730	1 162	1 214	1 146	71	$17 676	$18 427	2 666	$21 266
TEACHERS, POSTSECONDARY	2 852	98	402	319	188	359	491	930	65	$20 464	$20 993	1 567	$24 649
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	1 364	40	73	98	289	437	352	75	-	$16 521	$16 433	537	$17 067
TEACHERS, SECONDARY	800	18	42	32	167	257	240	44	-	$17 165	$16 896	226	$18 254
SOCIAL SCIENTISTS AND URBAN PLANNERS	406	7	78	18	13	93	95	102	-	$19 559	$18 780	277	$21 816
SOCIAL AND RECREATION WORKERS	509	22	61	33	102	134	115	42	-	$15 967	$15 372	359	$17 723
RELIGIOUS WORKERS	491	-	49	106	174	91	56	15	-	$12 647	$13 481	416	$13 192
LAWYERS AND JUDGES	1 105	68	75	64	92	96	167	415	128	$24 642	$29 214	891	$30 216
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	1 695	180	338	197	245	260	221	242	12	$12 486	$13 895	1 018	$18 335
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	22 572	1 513	3 456	2 479	3 907	4 276	3 051	3 404	486	$14 895	$16 110	15 153	$18 086
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	4 208	212	717	563	819	847	574	466	10	$13 672	$14 080	2 712	$17 412
HEALTH TECHNOLOGISTS AND TECHNICIANS	352	11	56	75	125	46	27	12	-	$11 943	$11 529	211	$13 855
LICENSED PRACTICAL NURSES	16	-	-	1	15	-	-	-	-	$12 196	$12 178	15	$12 220
ENGINEERING AND SCIENCE TECHNICIANS	1 857	91	251	185	288	474	280	282	6	$15 843	$15 799	1 326	$18 325
ELECTRICAL AND ELECTRONIC TECHNICIANS	201	7	2	19	42	69	39	23	-	$16 610	$16 644	165	$17 764
DRAFTING AND SURVEYING TECHNICIANS	731	18	55	68	113	253	103	121	-	$16 600	$17 071	607	$17 641
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	1 999	110	410	303	406	327	267	172	4	$12 296	$12 932	1 175	$16 985
AIRPLANE PILOTS AND NAVIGATORS	56	-	-	-	1	15	33	3	4	$20 934	$25 251	47	$21 409
COMPUTER PROGRAMMERS	660	29	88	27	147	171	145	53	-	$15 795	$15 341	493	$18 074
SALES OCCUPATIONS	10 090	798	1 563	1 177	1 710	1 584	1 083	1 716	459	$14 300	$17 556	6 673	$18 127
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	2 042	58	141	328	420	365	259	376	95	$15 763	$19 239	1 688	$17 420
SELF-EMPLOYED	343	31	59	45	57	53	37	49	12	$12 372	$15 140	300	$14 004
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	2 311	108	232	189	425	399	257	510	191	$17 131	$22 478	1 656	$20 180
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	1 750	27	81	83	245	327	340	513	134	$21 314	$25 083	1 436	$21 592
SALES WORKERS, RETAIL AND PERSONAL SERVICES	3 955	600	1 108	577	612	486	222	311	39	$7 750	$10 493	1 867	$15 107
CASHIERS	940	224	396	150	76	68	20	6	-	$4 217	$5 881	218	$12 632
SALES RELATED OCCUPATIONS	32	5	1	-	8	7	5	6	-	$16 068	$16 071	26	$18 140

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

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LANSING-EAST LANSING, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	8 274	503	1 176	739	1 378	1 845	1 394	1 222	17	$15 658	$15 380	5 768	$18 376
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	1 861	16	39	75	221	480	453	568	9	$20 798	$21 367	1 704	$21 239
COMPUTER EQUIPMENT OPERATORS	479	6	52	49	136	100	42	94	-	$14 844	$16 009	353	$16 441
SECRETARIES, STENOGRAPHERS, AND TYPISTS	156	16	10	17	42	41	10	16	4	$14 055	$15 048	116	$15 863
SECRETARIES	99	11	2	9	38	18	10	7	4	$13 374	$15 376	77	$15 090
RECEPTIONISTS	207	66	123	15	2	1	-	-	-	$2 765	$3 154	21	$5 643
FILE CLERKS	88	11	27	10	16	-	15	9	-	$9 200	$10 842	30	$13 575
FINANCIAL RECORDS PROCESSING OCCUPATIONS	537	21	95	63	107	77	95	77	2	$14 132	$14 890	376	$18 019
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	346	10	75	46	68	40	55	52	-	$13 126	$14 510	233	$18 231
TELEPHONE OPERATORS	27	-	-	1	7	4	11	4	-	$20 359	$20 253	26	$20 489
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	959	73	168	58	74	370	167	49	-	$15 893	$14 153	633	$17 726
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	1 187	57	160	149	303	235	205	78	-	$13 500	$13 596	787	$15 936
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	145	6	5	17	33	44	25	15	-	$15 881	$15 775	110	$16 993
BANK TELLERS	61	7	30	3	21	-	-	-	-	$4 188	$6 348	24	$12 034
DATA-ENTRY KEYERS	53	-	13	5	20	13	2	-	-	$11 417	$11 045	34	$14 051
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	2 514	224	454	277	396	480	369	312	2	$13 588	$13 664	1 554	$18 002
SERVICE OCCUPATIONS	13 114	2 652	3 956	1 587	1 873	1 466	1 005	568	7	$5 914	$8 839	5 586	$14 811
PRIVATE HOUSEHOLD OCCUPATIONS	60	16	28	-	7	9	-	-	-	$3 375	$5 605	22	$11 429
PROTECTIVE SERVICE OCCUPATIONS	2 765	157	321	192	355	805	638	297	-	$16 686	$15 972	2 059	$18 573
FIREFIGHTING OCCUPATIONS	279	-	2	21	15	119	91	31	-	$18 899	$19 015	251	$19 353
POLICE AND DETECTIVES, PUBLIC SERVICE	749	4	27	18	110	206	309	75	-	$20 069	$19 272	669	$20 347
GUARDS	994	136	271	115	110	138	106	118	-	$8 810	$11 775	514	$16 885
OTHER PROTECTIVE SERVICE OCCUPATIONS	743	17	21	38	120	342	132	73	-	$16 801	$17 119	625	$17 373
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	10 289	2 479	3 607	1 395	1 511	652	367	271	7	$4 501	$6 941	3 505	$12 047
FOOD PREPARATION AND SERVICE OCCUPATIONS	4 441	1 520	2 114	463	202	53	36	53	-	$3 031	$4 032	781	$7 548
WAITERS AND FOOD COUNTER WORKERS	469	154	209	87	6	3	10	-	-	$3 244	$3 936	81	$7 267
COOKS	1 622	465	876	172	88	10	5	6	-	$3 369	$3 952	332	$6 448
HEALTH SERVICE OCCUPATIONS	346	30	127	83	42	37	-	20	7	$6 604	$9 374	148	$13 265
NURSING AIDES, ORDERLIES, AND ATTENDANTS	275	28	107	70	31	22	-	10	7	$6 114	$8 820	117	$11 500
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	4 906	809	1 188	771	1 175	498	282	183	-	$8 351	$9 207	2 315	$12 868
PERSONAL SERVICE OCCUPATIONS	596	120	178	78	92	64	49	15	-	$6 000	$8 558	261	$12 707
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	188	21	9	32	54	44	21	7	-	$12 908	$12 561	141	$13 981
FARMING, FORESTRY, AND FISHING OCCUPATIONS	4 236	868	1 075	608	745	353	271	242	74	$6 972	$9 683	2 621	$10 967
FARM OPERATORS AND MANAGERS	2 305	420	442	295	414	229	216	217	72	$9 922	$12 145	1 893	$10 953
FARM OCCUPATIONS, EXCEPT MANAGERIAL	1 152	302	450	185	140	42	23	8	2	$3 911	$5 553	390	$9 323
RELATED AGRICULTURAL OCCUPATIONS	708	139	170	127	164	61	30	17	-	$7 250	$8 232	293	$12 531
FORESTRY AND FISHING OCCUPATIONS	71	7	13	1	27	21	2	-	-	$12 368	$11 221	45	$15 039
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	23 206	977	2 102	1 887	3 627	4 496	4 458	5 466	193	$17 966	$18 305	15 921	$20 525
MECHANICS AND REPAIRERS	7 978	353	621	691	1 313	1 781	1 687	1 514	18	$17 385	$17 223	5 766	$19 185
AUTOMOBILE MECHANICS, INCLUDING BODY	2 520	116	258	304	438	586	528	286	4	$15 890	$15 499	1 672	$16 685
AIRCRAFT MECHANICS	113	20	8	23	6	29	27	-	-	$14 711	$12 753	99	$15 748
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	281	13	19	54	81	44	48	22	-	$13 136	$14 068	161	$16 974
OTHER MECHANICS AND REPAIRERS	5 064	204	336	310	788	1 122	1 084	1 206	14	$18 677	$18 355	3 834	$20 436
CONSTRUCTION TRADES	8 098	451	1 012	874	1 462	1 359	1 365	1 471	104	$15 696	$16 590	4 421	$20 013
CARPENTERS	1 835	86	315	275	427	337	248	145	2	$12 197	$13 131	872	$15 840
ELECTRICIANS	1 298	25	65	82	161	225	303	429	8	$21 143	$20 748	953	$22 180
PAINTERS, CONSTRUCTION AND MAINTENANCE	729	100	214	83	151	109	46	26	-	$8 860	$9 659	265	$14 756
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	970	12	49	42	119	155	260	333	-	$21 617	$21 145	641	$23 074
OTHER CONSTRUCTION TRADES	3 266	228	369	392	604	533	508	538	94	$15 275	$17 076	1 690	$20 160
EXTRACTIVE OCCUPATIONS	67	2	11	7	20	10	7	10	-	$13 651	$14 524	43	$14 758
PRECISION PRODUCTION OCCUPATIONS	7 063	171	458	315	832	1 346	1 399	2 471	71	$21 148	$21 529	5 691	$22 451
SUPERVISORS, PRODUCTION OCCUPATIONS	3 233	8	111	54	284	551	674	1 507	44	$24 369	$25 539	2 918	$25 097
MANUFACTURING	2 463	8	74	13	157	346	505	1 333	27	$26 129	$25 969	2 218	$26 703
PRECISION METALWORKING OCCUPATIONS	2 401	42	138	128	341	434	504	807	7	$20 884	$20 030	1 788	$22 300
TOOL AND DIE MAKERS	1 163	28	53	27	113	136	280	519	7	$23 723	$22 311	930	$25 276
MACHINISTS	703	14	62	74	130	196	110	117	-	$16 340	$16 200	486	$17 502
SHEET METAL WORKERS	281	-	10	14	44	56	69	88	-	$20 875	$20 331	194	$21 097
OTHER PRECISION METAL WORKERS	254	-	13	13	54	46	45	83	-	$20 081	$19 851	178	$20 940
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	109	19	31	29	13	6	6	5	-	$6 474	$7 645	68	$7 684
PLANT AND SYSTEM OPERATORS	358	8	25	27	47	123	72	56	-	$17 331	$17 850	300	$18 093
OTHER PRECISION PRODUCTION OCCUPATIONS	962	94	153	77	147	232	143	96	20	$15 139	$14 739	617	$17 097

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

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

LANSING-EAST LANSING, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
OPERATORS, FABRICATORS, AND LABORERS	33 142	2 015	3 845	3 209	5 906	8 212	6 798	3 099	58	$15 674	$14 981	17 647	$18 009
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	18 290	613	1 244	1 444	3 270	5 356	4 524	1 815	24	$16 859	$16 475	10 250	$18 685
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	8 904	376	748	874	1 789	2 131	2 023	953	10	$16 158	$15 793	5 411	$18 306
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	3 482	98	273	275	602	833	951	448	2	$17 493	$16 875	2 034	$20 264
PRINTING MACHINE OPERATORS	516	29	19	77	111	182	72	26	-	$15 340	$14 415	386	$16 121
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	178	33	28	31	59	27	-	-	-	$8 500	$8 193	94	$11 933
TEXTILE MACHINE OPERATORS	20	-	-	7	-	13	-	-	-	$15 176	$12 723	13	$15 439
TEXTILE SEWING MACHINE OPERATORS	33	-	16	4	13	-	-	-	-	$6 500	$7 274	5	$11 000
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	119	33	10	18	44	14	-	-	-	$8 500	$7 675	74	$11 680
OTHER SPECIFIED MACHINE OPERATORS	2 242	103	231	310	520	426	459	193	-	$14 478	$14 550	1 335	$16 766
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	2 486	113	197	181	497	663	541	286	8	$16 443	$16 228	1 562	$18 202
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	659	54	63	33	157	157	140	55	-	$15 490	$14 842	408	$17 514
MACHINE OPERATORS, NOT SPECIFIED	1 827	59	134	148	340	506	401	231	8	$16 777	$16 728	1 154	$18 408
INDUSTRY:													
MANUFACTURING	2 230	81	147	158	442	616	527	251	8	$16 809	$16 732	1 422	$18 612
NONDURABLE GOODS	314	16	37	23	87	45	60	38	8	$14 499	$16 378	234	$17 248
FOOD AND KINDRED PRODUCTS	144	9	7	2	28	37	36	25	-	$18 086	$17 243	127	$19 150
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	16	-	9	-	-	-	7	-	-	$5 500	$10 502	7	$20 453
PAPER AND ALLIED PRODUCTS	15	-	-	-	-	2	13	-	-	$20 366	$21 035	15	$20 366
OTHER NONDURABLE GOODS	139	7	21	21	59	6	4	13	8	$11 367	$15 657	85	$12 515
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	1 916	65	110	135	355	571	467	213	-	$17 013	$16 789	1 188	$18 786
METAL INDUSTRIES	300	20	22	29	108	64	27	30	-	$13 471	$13 953	163	$15 622
MACHINERY, INCLUDING ELECTRICAL	375	15	32	28	92	140	27	41	-	$15 406	$15 110	250	$16 226
TRANSPORTATION EQUIPMENT	1 088	15	52	60	131	325	371	134	-	$19 157	$18 420	668	$20 460
OTHER DURABLE GOODS	153	15	4	18	24	42	42	8	-	$16 364	$14 871	107	$19 092
NONMANUFACTURING INDUSTRIES	256	32	50	23	55	47	14	35	-	$11 484	$11 839	140	$14 571
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	22	5	-	-	2	15	-	-	-	$15 207	$13 089	15	$15 355
WHOLESALE AND RETAIL TRADE	79	8	12	6	17	22	14	-	-	$13 115	$12 111	63	$15 623
ALL OTHER INDUSTRIES	155	19	38	17	36	10	-	35	-	$10 350	$11 523	62	$11 700
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	7 294	183	377	501	1 248	2 548	1 836	587	14	$17 008	$16 795	3 601	$18 492
WELDERS AND CUTTERS	1 543	37	102	135	360	404	310	183	12	$16 254	$16 612	815	$18 294
ASSEMBLERS	5 675	135	258	349	886	2 126	1 517	402	2	$17 204	$16 928	2 755	$18 553
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	76	11	17	17	2	18	9	2	-	$8 923	$10 636	31	$17 919
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	2 092	54	119	69	233	677	665	275	-	$18 898	$18 264	1 238	$20 318
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	8 447	385	724	784	1 488	2 044	1 843	1 155	24	$16 599	$16 442	5 105	$18 613
MOTOR VEHICLE OPERATORS	5 427	301	600	586	955	1 187	1 022	752	24	$15 834	$15 752	3 260	$18 095
TRUCK DRIVERS AND DRIVER-SALES WORKERS	4 648	243	494	451	825	1 020	870	721	24	$16 149	$16 192	2 908	$18 256
BUS DRIVERS	232	14	18	73	28	77	22	-	-	$11 000	$11 912	116	$16 242
RAIL AND WATER TRANSPORTATION OCCUPATIONS	135	-	2	10	7	35	42	39	-	$21 145	$21 599	91	$22 056
MATERIAL MOVING EQUIPMENT OPERATORS	2 885	84	122	188	526	822	779	364	-	$17 675	$17 497	1 754	$19 295
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	233	5	14	20	31	80	58	25	-	$17 309	$16 716	122	$17 846
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	6 405	1 017	1 877	981	1 148	812	431	129	10	$7 203	$8 789	2 292	$14 057
CONSTRUCTION LABORERS	1 233	144	252	241	261	244	59	32	-	$9 713	$10 290	353	$15 179
FREIGHT, STOCK, AND MATERIAL HANDLERS	2 486	537	873	328	400	254	72	16	6	$4 546	$7 058	783	$13 272
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	577	91	252	128	74	25	2	5	-	$4 331	$5 801	172	$7 962
HAND PACKERS AND PACKAGERS	260	37	47	38	43	53	42	-	-	$12 342	$10 996	105	$16 752
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	552	73	199	99	56	64	38	21	2	$6 114	$8 481	189	$13 494
LABORERS, EXCEPT CONSTRUCTION	1 297	135	254	147	314	172	218	55	2	$11 301	$11 697	690	$15 713
MANUFACTURING	512	9	54	44	129	108	140	28	-	$15 668	$14 884	323	$17 812
NONDURABLE GOODS	99	2	27	8	36	13	13	-	-	$10 962	$10 871	52	$15 000
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	413	7	27	36	93	95	127	28	-	$16 829	$15 847	271	$18 559
METAL INDUSTRIES	50	2	5	13	10	8	11	1	-	$11 250	$12 810	37	$11 375
NONMANUFACTURING INDUSTRIES	785	126	200	103	185	64	78	27	2	$8 877	$9 617	367	$13 971
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	160	26	36	21	48	9	14	6	-	$9 538	$9 492	71	$13 054
WHOLESALE AND RETAIL TRADE	385	56	96	45	100	41	39	8	-	$9 757	$9 840	210	$13 316
ALL OTHER INDUSTRIES	240	44	68	37	37	14	25	13	2	$6 727	$9 344	86	$17 118
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	108	3	39	66	-	-	-	-	-	$6 571	$6 111	37	$6 630

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

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LANSING-EAST LANSING, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
FEMALE EXPERIENCED CIVILIAN LABOR FORCE	94 222	15 649	24 140	19 505	20 508	10 197	2 851	1 255	117	$7 531	$8 316	40 938	$11 719
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	20 134	1 850	3 200	3 178	4 994	4 725	1 508	614	65	$12 005	$11 740	9 407	$14 887
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	6 819	399	982	1 263	1 915	1 285	581	370	24	$11 842	$12 367	4 718	$13 705
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	443	30	48	51	80	104	64	59	7	$15 409	$16 107	317	$17 183
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	563	51	55	50	140	83	83	96	5	$14 209	$15 594	334	$16 916
MANAGERS, MEDICINE AND HEALTH	59	-	12	12	-	7	16	12	-	$18 699	$15 781	47	$20 944
OTHER SPECIFIED MANAGERS	941	54	149	212	278	137	50	54	7	$11 181	$11 677	624	$12 952
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	2 431	128	414	501	690	464	145	84	5	$11 186	$11 536	1 703	$13 028
MANUFACTURING	91	5	2	10	34	28	12	-	-	$13 931	$14 152	64	$15 567
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	90	-	7	7	17	34	15	10	-	$16 425	$16 524	65	$17 039
WHOLESALE AND RETAIL TRADE	694	36	216	215	145	60	6	16	-	$7 387	$8 559	482	$9 362
ALL OTHER INDUSTRIES	1 556	87	189	269	494	342	112	58	5	$12 283	$12 423	1 092	$14 006
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	191	62	20	35	28	10	21	15	-	$7 500	$8 928	112	$8 471
CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING	22	-	-	-	-	-	14	8	-	$23 304	$26 134	22	$23 304
WHOLESALE AND RETAIL TRADE	90	52	3	12	7	4	6	6	-	$1 731	$6 264	43	$1 850
ALL OTHER INDUSTRIES	79	10	17	23	21	6	1	1	-	$8 250	$7 171	47	$8 417
MANAGEMENT RELATED OCCUPATIONS	2 191	74	284	402	699	480	202	50	-	$12 068	$12 206	1 581	$13 788
ACCOUNTANTS AND AUDITORS	873	29	136	164	290	164	70	20	-	$11 822	$11 694	616	$13 277
BUYERS AND PURCHASING AGENTS	212	2	35	92	50	27	-	6	-	$9 042	$10 227	152	$9 810
PROFESSIONAL SPECIALTY OCCUPATIONS	13 315	1 451	2 218	1 915	3 079	3 440	927	244	41	$12 079	$11 419	4 689	$15 386
ENGINEERS, ARCHITECTS, AND SURVEYORS	165	9	9	19	35	60	27	6	-	$15 507	$14 320	108	$17 186
ARCHITECTS	5	-	-	-	5	-	-	-	-	$11 000	$10 695	5	$11 000
ENGINEERS	155	9	9	19	30	55	27	6	-	$15 570	$14 350	103	$17 439
ELECTRICAL AND ELECTRONIC ENGINEERS	36	-	-	13	8	1	8	6	-	$13 638	$14 449	25	$20 606
MECHANICAL ENGINEERS	39	-	-	-	13	21	5	-	-	$15 772	$16 004	26	$16 929
OTHER ENGINEERS	80	9	9	6	9	33	14	-	-	$15 586	$13 499	52	$17 065
SURVEYORS AND MAPPING SCIENTISTS	5	-	-	-	-	5	-	-	-	$15 439	$17 005	-	-
MATHEMATICAL AND COMPUTER SCIENTISTS	232	-	5	34	68	76	37	12	-	$15 348	$15 537	178	$16 212
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	123	-	5	13	50	36	19	-	-	$14 344	$14 756	93	$15 327
NATURAL SCIENTISTS	192	21	41	24	57	38	11	-	-	$11 111	$10 082	107	$14 272
HEALTH DIAGNOSING OCCUPATIONS	215	8	8	22	62	41	21	22	31	$15 675	$23 782	109	$17 119
PHYSICIANS	171	6	-	22	58	15	21	22	27	$14 951	$25 220	71	$21 848
DENTISTS	4	-	-	-	-	-	-	-	4	$61 359	$62 010	4	$61 359
OTHER HEALTH DIAGNOSING PRACTITIONERS	40	2	8	-	4	26	-	-	-	$15 176	$13 815	34	$15 279
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	2 895	166	397	523	799	816	150	44	-	$12 370	$11 747	1 340	$15 650
REGISTERED NURSES	2 408	111	320	454	666	721	100	36	-	$12 411	$11 846	1 150	$15 660
PHARMACISTS	45	-	-	10	13	7	15	-	-	$14 839	$16 343	28	$20 049
THERAPISTS	299	36	40	40	104	62	17	-	-	$12 144	$10 645	70	$13 971
TEACHERS, LIBRARIANS, AND COUNSELORS	7 184	956	1 319	860	1 526	1 858	549	106	10	$11 932	$11 047	1 495	$15 111
TEACHERS, POSTSECONDARY	967	151	288	166	152	126	30	52	2	$6 832	$9 150	194	$16 295
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	3 845	329	484	428	994	1 233	353	24	-	$13 433	$12 328	709	$14 708
TEACHERS, SECONDARY	919	98	141	86	231	280	83	-	-	$13 238	$11 874	164	$15 623
SOCIAL SCIENTISTS AND URBAN PLANNERS	130	-	10	16	17	58	19	10	-	$16 190	$15 934	95	$16 518
SOCIAL AND RECREATION WORKERS	882	35	54	150	246	332	61	4	-	$14 026	$13 090	638	$15 469
RELIGIOUS WORKERS	73	-	29	37	7	-	-	-	-	$6 625	$6 461	33	$6 882
LAWYERS AND JUDGES	203	19	42	32	58	27	12	13	-	$11 133	$10 877	102	$15 115
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	1 144	237	304	198	204	134	40	27	-	$6 729	$8 182	484	$13 158
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	45 678	6 554	11 465	11 180	11 892	3 491	713	361	22	$7 899	$8 023	22 670	$11 312
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	3 311	382	695	708	1 123	290	72	36	5	$9 068	$8 910	1 500	$12 468
HEALTH TECHNOLOGISTS AND TECHNICIANS	1 833	166	292	480	719	153	13	10	-	$9 726	$9 055	844	$12 064
LICENSED PRACTICAL NURSES	954	79	144	306	398	24	3	-	-	$8 747	$8 357	402	$11 580
ENGINEERING AND SCIENCE TECHNICIANS	569	121	138	90	146	38	27	9	-	$7 214	$8 096	230	$13 015
ELECTRICAL AND ELECTRONIC TECHNICIANS	34	9	1	4	18	2	-	-	-	$11 500	$8 914	23	$12 433
DRAFTING AND SURVEYING TECHNICIANS	75	-	22	26	7	20	-	-	-	$9 000	$9 703	42	$14 390
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	909	95	265	138	258	99	32	17	5	$8 808	$9 127	426	$13 215
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	187	20	10	31	80	34	12	-	-	$12 787	$11 677	133	$13 507
SALES OCCUPATIONS	10 026	2 557	3 720	1 896	1 151	486	104	100	12	$4 288	$5 819	3 089	$9 487
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	864	90	179	260	188	109	17	16	5	$8 574	$9 338	566	$10 384
SELF-EMPLOYED	132	32	33	22	18	6	8	8	5	$6 143	$11 443	86	$9 000
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	1 150	152	240	216	288	152	47	55	-	$9 405	$10 213	630	$12 746
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	305	76	64	52	44	59	5	5	-	$7 563	$8 273	148	$13 207
SALES WORKERS, RETAIL AND PERSONAL SERVICES	7 677	2 226	3 235	1 353	631	166	35	24	7	$3 606	$4 672	1 745	$7 964
CASHIERS	3 479	939	1 378	610	402	127	17	6	-	$3 939	$5 135	816	$9 009
SALES RELATED OCCUPATIONS	30	13	2	15	-	-	-	-	-	$6 000	$4 626	-	-

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

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

LANSING-EAST LANSING, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	32 341	3 615	7 050	8 576	9 618	2 715	537	225	5	$8 789	$8 615	18 081	$11 376
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	1 567	44	94	212	546	509	104	58	-	$13 973	$13 667	1 358	$14 706
COMPUTER EQUIPMENT OPERATORS	743	54	119	168	295	98	9	-	-	$10 473	$9 661	465	$12 393
SECRETARIES, STENOGRAPHERS, AND TYPISTS	12 937	1 108	2 500	3 565	4 553	946	193	70	2	$9 341	$9 003	7 735	$11 326
SECRETARIES	10 584	824	1 958	3 016	3 741	847	151	45	2	$9 447	$9 145	6 396	$11 392
RECEPTIONISTS	1 468	291	480	431	245	15	6	-	-	$5 641	$5 965	541	$9 493
FILE CLERKS	727	191	214	180	118	24	-	-	-	$5 057	$5 624	268	$9 591
FINANCIAL RECORDS PROCESSING OCCUPATIONS	3 751	308	822	1 002	1 317	229	46	25	2	$9 181	$8 783	2 219	$11 209
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	2 950	256	639	778	1 032	186	44	13	2	$9 177	$8 731	1 753	$11 253
TELEPHONE OPERATORS	499	74	107	115	147	40	10	6	-	$7 957	$8 350	253	$11 833
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	779	104	135	169	131	218	22	-	-	$9 486	$9 980	481	$13 649
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	442	55	83	130	136	32	4	2	-	$8 810	$8 344	254	$10 524
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	205	4	28	91	66	16	-	-	-	$9 000	$9 239	151	$9 815
BANK TELLERS	929	128	323	376	97	5	-	-	-	$6 176	$5 874	422	$8 740
DATA-ENTRY KEYERS	1 074	72	189	342	388	44	33	6	-	$9 380	$9 209	683	$11 307
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	7 220	1 182	1 956	1 795	1 579	539	110	58	1	$7 231	$7 601	3 251	$11 182
SERVICE OCCUPATIONS	17 416	5 908	7 078	2 760	1 224	265	87	86	8	$3 110	$4 315	4 169	$7 837
PRIVATE HOUSEHOLD OCCUPATIONS	915	635	231	36	2	6	-	5	-	$1 235	$1 876	142	$3 300
PROTECTIVE SERVICE OCCUPATIONS	450	114	131	36	92	30	32	15	-	$4 711	$7 962	172	$13 772
FIREFIGHTING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
POLICE AND DETECTIVES, PUBLIC SERVICE	65	11	19	4	6	16	9	-	-	$7 250	$10 138	31	$17 161
GUARDS	310	103	106	32	39	3	12	15	-	$3 231	$6 159	66	$12 738
OTHER PROTECTIVE SERVICE OCCUPATIONS	75	-	6	-	47	11	11	-	-	$12 702	$13 527	75	$12 702
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	16 051	5 159	6 716	2 688	1 130	229	55	66	8	$3 237	$4 352	3 855	$7 807
FOOD PREPARATION AND SERVICE OCCUPATIONS	8 435	3 087	3 991	1 008	253	67	14	15	-	$2 713	$3 420	1 272	$6 849
WAITERS AND FOOD COUNTER WORKERS	3 543	1 280	1 755	429	47	23	-	9	-	$2 734	$3 229	453	$5 665
COOKS	1 887	530	925	304	100	26	2	-	-	$3°397	$4 108	448	$7 361
HEALTH SERVICE OCCUPATIONS	2 674	480	937	862	336	27	20	12	-	$5 710	$5 889	1 110	$8 337
NURSING AIDES, ORDERLIES, AND ATTENDANTS	1 809	328	646	582	213	14	14	12	-	$5 636	$5 819	762	$7 910
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	2 044	603	637	410	271	82	19	18	4	$4 520	$5 734	746	$9 106
PERSONAL SERVICE OCCUPATIONS	2 898	989	1 151	408	270	53	2	21	4	$3 162	$4 669	727	$7 099
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	924	135	351	214	184	31	-	9	-	$5 707	$6 528	368	$8 899
FARMING, FORESTRY, AND FISHING OCCUPATIONS	621	286	188	79	39	10	8	9	2	$2 408	$4 123	208	$5 100
FARM OPERATORS AND MANAGERS	266	140	74	24	8	7	2	9	2	$1 865	$3 989	125	$3 056
FARM OCCUPATIONS, EXCEPT MANAGERIAL	152	74	47	30	1	-	-	-	-	$2 125	$2 929	33	$6 100
RELATED AGRICULTURAL OCCUPATIONS	197	72	67	25	30	3	-	-	-	$3 319	$4 667	44	$9 857
FORESTRY AND FISHING OCCUPATIONS	6	-	-	-	-	-	6	-	-	$20 453	$22 505	6	$20 453
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	1 537	175	381	330	243	225	119	64	-	$8 743	$10 090	877	$12 791
MECHANICS AND REPAIRERS	299	18	35	62	48	68	61	7	-	$13 534	$13 341	217	$15 839
AUTOMOBILE MECHANICS, INCLUDING BODY	85	-	21	18	21	18	7	-	-	$11 167	$11 299	43	$12 449
AIRCRAFT MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-	-
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	2	-	2	-	-	-	-	-	-	$2 500	$2 255	2	$2 500
OTHER MECHANICS AND REPAIRERS	212	18	12	44	27	50	54	7	-	$15 336	$14 264	172	$16 957
CONSTRUCTION TRADES	206	22	40	49	53	36	2	4	-	$9 600	$9 553	117	$11 679
CARPENTERS	45	9	-	19	7	10	-	-	-	$9 421	$9 254	30	$10 571
ELECTRICIANS	27	-	6	3	7	5	2	4	-	$11 286	$13 193	22	$11 429
PAINTERS, CONSTRUCTION AND MAINTENANCE	36	-	20	3	3	10	-	-	-	$5 750	$8 699	6	$13 500
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER CONSTRUCTION TRADES	98	13	14	24	36	11	-	-	-	$9 778	$9 001	59	$12 173
EXTRACTIVE OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION OCCUPATIONS	1 032	135	306	219	142	121	56	53	-	$7 339	$9 255	543	$12 199
SUPERVISORS, PRODUCTION OCCUPATIONS	293	18	27	53	63	48	38	46	-	$13 292	$14 482	237	$16 066
MANUFACTURING	153	9	4	20	10	28	36	46	-	$20 543	$18 657	144	$21 030
PRECISION METALWORKING OCCUPATIONS	52	-	2	8	2	35	3	2	-	$15 921	$16 404	47	$16 145
TOOL AND DIE MAKERS	24	-	-	-	-	19	3	2	-	$17 033	$19 484	24	$17 033
MACHINISTS	21	-	2	8	2	9	-	-	-	$10 500	$12 183	16	$15 080
SHEET METAL WORKERS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER PRECISION METAL WORKERS	7	-	-	-	-	7	-	-	-	$15 439	$18 505	7	$15 439
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	241	51	107	56	15	12	-	-	-	$4 021	$5 189	66	$8 400
PLANT AND SYSTEM OPERATORS	14	-	2	-	-	12	-	-	-	$15 348	$16 262	12	$15 439
OTHER PRECISION PRODUCTION OCCUPATIONS	432	66	168	102	62	14	15	5	-	$5 727	$6 891	181	$9 463

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

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LANSING-EAST LANSING, MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
OPERATORS, FABRICATORS, AND LABORERS	8 814	874	1 818	1 968	2 116	1 481	416	121	20	$9 466	$9 918	3 597	$12 260
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	6 279	469	979	1 349	1 777	1 215	369	106	15	$10 649	$10 939	2 912	$12 159
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	3 032	279	648	790	793	333	151	35	3	$8 974	$9 361	1 451	$11 234
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	581	43	104	133	146	85	59	10	1	$10 189	$10 877	310	$11 527
PRINTING MACHINE OPERATORS	333	51	63	97	74	39	9	-	-	$8 382	$8 464	168	$11 926
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	576	61	182	194	99	32	5	3	-	$6 750	$7 250	192	$7 841
TEXTILE MACHINE OPERATORS	13	-	2	5	-	6	-	-	-	$7 800	$10 376	11	$15 060
TEXTILE SEWING MACHINE OPERATORS	301	28	78	105	71	15	1	3	-	$7 171	$7 639	52	$7 357
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	211	30	71	73	24	11	2	-	-	$6 273	$6 863	105	$8 607
OTHER SPECIFIED MACHINE OPERATORS	628	72	147	163	151	64	19	10	2	$8 211	$8 991	292	$10 933
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	914	52	152	203	323	113	59	12	-	$10 535	$10 308	489	$11 763
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	270	21	42	81	90	29	3	4	-	$9 538	$9 341	138	$11 455
MACHINE OPERATORS, NOT SPECIFIED	644	31	110	122	233	84	56	8	-	$10 849	$10 714	351	$11 867
INDUSTRY:													
MANUFACTURING	752	22	134	163	256	106	59	12	-	$10 781	$10 855	387	$12 075
NONDURABLE GOODS	207	12	55	45	77	15	-	3	-	$9 105	$8 651	106	$11 459
FOOD AND KINDRED PRODUCTS	24	2	2	6	4	10	-	-	-	$12 000	$10 710	14	$15 236
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	16	-	9	-	7	-	-	-	-	$3 857	$6 717	11	$10 429
PAPER AND ALLIED PRODUCTS	17	5	-	-	12	-	-	-	-	$11 750	$8 714	12	$12 119
OTHER NONDURABLE GOODS	150	5	44	39	54	5	-	3	-	$8 471	$8 521	69	$11 208
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	545	10	79	118	179	91	59	9	-	$11 272	$11 692	281	$12 733
METAL INDUSTRIES	159	3	10	51	83	11	1	-	-	$10 633	$10 050	66	$11 077
MACHINERY, INCLUDING ELECTRICAL	97	2	31	30	25	9	-	-	-	$7 824	$8 245	43	$10 083
TRANSPORTATION EQUIPMENT	215	-	36	15	35	62	58	9	-	$16 250	$14 891	105	$19 714
OTHER DURABLE GOODS	74	5	2	22	36	9	-	-	-	$11 143	$10 445	67	$11 643
NONMANUFACTURING INDUSTRIES	162	30	18	40	67	7	-	-	-	$9 517	$7 769	102	$10 941
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	9	-	2	-	-	7	-	-	-	$15 289	$14 332	7	$15 439
WHOLESALE AND RETAIL TRADE	24	7	10	4	3	-	-	-	-	$3 500	$3 700	11	$3 583
ALL OTHER INDUSTRIES	129	23	6	36	64	-	-	-	-	$9 963	$8 068	84	$10 882
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	2 293	137	260	393	651	676	120	54	2	$11 726	$12 105	917	$14 325
WELDERS AND CUTTERS	142	4	23	12	68	35	-	-	-	$11 362	$10 799	41	$11 148
ASSEMBLERS	2 117	124	229	373	583	632	120	54	2	$11 817	$12 252	861	$14 663
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	34	9	8	8	-	9	-	-	-	$6 500	$8 467	15	$15 123
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	954	53	71	166	333	206	98	17	10	$12 422	$13 151	544	$13 567
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	1 236	155	488	306	110	115	44	13	5	$5 805	$7 463	256	$15 529
MOTOR VEHICLE OPERATORS	1 077	139	469	277	78	67	32	10	5	$5 457	$6 837	171	$15 321
TRUCK DRIVERS AND DRIVER-SALES WORKERS	248	51	72	27	38	36	16	8	-	$6 400	$9 079	83	$15 946
BUS DRIVERS	734	72	361	233	38	23	-	2	5	$5 365	$5 986	43	$12 940
RAIL AND WATER TRANSPORTATION OCCUPATIONS	2	-	-	-	-	2	-	-	-	$15 439	$17 010	2	$15 439
MATERIAL MOVING EQUIPMENT OPERATORS	157	16	19	29	32	46	12	3	-	$12 188	$11 639	83	$15 804
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	1 299	250	351	313	229	151	3	2	-	$6 626	$7 316	429	$11 339
CONSTRUCTION LABORERS	24	4	8	7	3	2	-	-	-	$5 500	$6 593	9	$7 800
FREIGHT, STOCK, AND MATERIAL HANDLERS	382	73	140	80	54	35	-	-	-	$4 879	$6 226	89	$10 550
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	80	26	36	13	5	-	-	-	-	$5 043	$4 169	24	$7 200
HAND PACKERS AND PACKAGERS	548	92	113	151	126	61	3	2	-	$8 309	$8 083	220	$11 351
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	76	28	7	30	11	-	-	-	-	$6 286	$5 850	6	$7 500
LABORERS, EXCEPT CONSTRUCTION	189	27	47	32	30	53	-	-	-	$8 722	$9 305	81	$15 072
MANUFACTURING	99	8	25	15	15	36	-	-	-	$10 500	$10 514	43	$15 177
NONDURABLE GOODS	40	8	21	2	-	9	-	-	-	$3 909	$6 334	11	$15 320
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	59	-	4	13	15	27	-	-	-	$14 004	$13 348	32	$15 117
METAL INDUSTRIES	7	-	2	3	2	-	-	-	-	$7 000	$6 376	3	$7 000
NONMANUFACTURING INDUSTRIES	90	19	22	17	15	17	-	-	-	$6 889	$7 976	38	$14 216
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	2	2	-	-	-	-	-	-	-	$1,000-	$205	-	-
WHOLESALE AND RETAIL TRADE	64	11	4	17	15	17	-	-	-	$11 000	$9 884	36	$14 592
ALL OTHER INDUSTRIES	24	6	18	-	-	-	-	-	-	$4 286	$3 536	2	$5 500
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	22	2	10	10	-	-	-	-	-	$4 875	$5 451	10	$7 000

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

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

TOLEDO, OH-MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
MALE EXPERIENCED CIVILIAN LABOR FORCE	207 094	12 810	21 234	19 311	35 283	42 734	35 313	35 507	4 902	$16 355	$17 736	135 111	$19 251
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	41 789	1 008	2 428	2 554	5 266	7 417	7 605	12 011	3 500	$21 163	$25 632	32 359	$22 889
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	22 664	464	950	1 223	2 599	3 872	3 887	7 651	2 018	$22 512	$26 949	19 388	$23 930
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	517	-	52	4	80	135	91	155	-	$19 359	$19 546	455	$20 280
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	815	-	19	6	23	133	196	414	24	$25 443	$28 892	571	$25 958
MANAGERS, MEDICINE AND HEALTH	198	-	9	10	24	15	41	75	24	$25 000	$27 740	172	$24 835
OTHER SPECIFIED MANAGERS	4 194	63	109	152	456	632	714	1 725	343	$24 739	$27 332	3 826	$25 382
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	11 457	226	449	701	1 222	1 722	1 880	3 842	1 415	$23 481	$29 746	9 954	$25 134
MANUFACTURING	3 551	29	44	92	168	284	574	1 700	660	$30 784	$37 897	3 349	$31 435
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	1 157	26	19	40	70	184	349	402	67	$22 982	$25 175	1 042	$23 255
WHOLESALE AND RETAIL TRADE	3 410	59	171	340	683	687	463	684	323	$17 894	$24 510	2 799	$19 676
ALL OTHER INDUSTRIES	3 339	112	215	229	301	567	494	1 056	365	$22 161	$28 010	2 764	$24 409
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	1 040	106	103	55	172	167	196	195	46	$17 136	$19 207	773	$18 993
CONSTRUCTION	235	22	13	22	37	51	55	31	4	$16 859	$18 080	152	$19 068
MANUFACTURING	112	21	9	2	6	8	20	46	-	$22 138	$19 414	93	$22 474
WHOLESALE AND RETAIL TRADE	384	21	58	23	85	40	67	60	30	$15 497	$19 871	306	$18 113
ALL OTHER INDUSTRIES	309	42	23	8	44	68	54	58	12	$17 306	$19 164	222	$18 103
MANAGEMENT RELATED OCCUPATIONS	4 443	69	209	295	622	1 068	769	1 245	166	$19 730	$21 658	3 637	$21 177
ACCOUNTANTS AND AUDITORS	1 820	26	96	142	212	411	310	558	65	$20 278	$22 208	1 498	$22 345
BUYERS AND PURCHASING AGENTS	770	3	45	29	117	188	170	180	38	$20 060	$21 744	662	$20 427
PROFESSIONAL SPECIALTY OCCUPATIONS	19 125	544	1 478	1 331	2 667	3 545	3 718	4 360	1 482	$19 995	$24 071	12 971	$21 743
ENGINEERS, ARCHITECTS, AND SURVEYORS	4 791	37	94	210	330	799	1 329	1 864	128	$23 066	$24 257	4 138	$23 710
ARCHITECTS	189	-	12	13	20	28	60	41	15	$21 297	$26 325	140	$22 609
ENGINEERS	4 524	37	70	197	285	751	1 255	1 816	113	$23 289	$24 330	3 926	$23 900
ELECTRICAL AND ELECTRONIC ENGINEERS	612	-	6	19	43	81	255	203	5	$22 448	$23 189	571	$22 876
MECHANICAL ENGINEERS	1 192	2	17	47	51	148	314	593	20	$25 319	$25 859	1 009	$25 840
OTHER ENGINEERS	2 720	35	47	131	191	522	686	1 020	88	$22 737	$23 917	2 346	$23 502
SURVEYORS AND MAPPING SCIENTISTS	78	-	12	-	25	20	14	7	-	$15 326	$15 006	72	$15 863
MATHEMATICAL AND COMPUTER SCIENTISTS	445	-	14	4	38	84	160	141	4	$21 985	$22 536	390	$21 965
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	328	-	7	4	33	57	118	105	4	$22 079	$22 652	305	$21 935
NATURAL SCIENTISTS	586	24	28	38	105	130	131	124	6	$18 420	$18 667	480	$20 379
HEALTH DIAGNOSING OCCUPATIONS	1 812	19	54	115	88	162	109	351	914	$50 399	$60 340	1 211	$55 258
PHYSICIANS	1 184	6	18	88	68	111	38	142	713	$60 917	$66 741	860	$63 525
DENTISTS	365	13	15	27	14	31	23	92	150	$42 031	$56 988	174	$48 372
OTHER HEALTH DIAGNOSING PRACTITIONERS	263	-	21	-	6	20	48	117	51	$29 756	$36 173	177	$30 097
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	967	36	86	98	139	208	213	158	29	$17 557	$18 545	724	$19 752
REGISTERED NURSES	108	-	22	5	27	36	6	6	6	$15 000	$16 948	68	$15 746
PHARMACISTS	512	21	40	75	30	62	158	111	15	$20 578	$19 510	370	$21 770
THERAPISTS	288	15	15	18	61	105	49	25	-	$16 101	$16 429	240	$17 087
TEACHERS, LIBRARIANS, AND COUNSELORS	5 324	181	541	281	926	1 435	1 089	810	61	$17 038	$17 499	2 325	$19 265
TEACHERS, POSTSECONDARY	1 527	51	238	93	57	205	299	528	56	$21 633	$21 474	686	$24 252
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	1 756	32	121	84	401	607	404	107	-	$16 393	$16 283	729	$17 770
TEACHERS, SECONDARY	1 359	15	79	27	344	512	277	105	-	$16 459	$16 721	577	$17 394
SOCIAL SCIENTISTS AND URBAN PLANNERS	430	-	22	37	55	94	109	94	19	$20 213	$21 145	336	$21 252
SOCIAL AND RECREATION WORKERS	548	32	57	83	192	133	25	26	-	$12 582	$12 315	409	$13 857
RELIGIOUS WORKERS	888	36	144	163	306	123	87	29	-	$11 464	$11 688	760	$11 877
LAWYERS AND JUDGES	1 441	31	125	65	139	117	183	492	289	$28 357	$33 820	1 102	$32 714
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	1 893	148	313	237	349	260	283	271	32	$13 337	$14 679	1 096	$18 441
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	31 006	1 692	3 329	3 026	5 746	6 848	4 866	4 729	770	$15 917	$17 303	23 000	$18 035
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	4 489	121	381	429	929	1 164	841	594	30	$16 213	$16 804	3 503	$17 636
HEALTH TECHNOLOGISTS AND TECHNICIANS	552	22	40	58	136	190	49	49	8	$15 297	$16 010	435	$16 039
LICENSED PRACTICAL NURSES	29	-	-	2	22	5	-	-	-	$12 461	$12 550	20	$13 294
ENGINEERING AND SCIENCE TECHNICIANS	2 747	47	214	293	576	702	517	378	20	$16 289	$17 077	2 166	$17 496
ELECTRICAL AND ELECTRONIC TECHNICIANS	344	6	29	51	80	54	74	50	-	$15 415	$16 622	294	$17 467
DRAFTING AND SURVEYING TECHNICIANS	1 114	27	67	137	285	294	185	99	20	$15 460	$16 771	867	$16 252
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	1 190	52	127	78	217	272	275	167	2	$16 768	$16 544	902	$19 456
AIRPLANE PILOTS AND NAVIGATORS	72	10	-	4	16	3	12	25	2	$20 995	$20 765	56	$22 518
COMPUTER PROGRAMMERS	416	-	46	35	58	134	120	23	-	$16 991	$16 232	304	$19 406
SALES OCCUPATIONS	15 062	933	1 713	1 476	2 674	2 751	2 020	2 797	698	$16 027	$18 843	11 165	$18 785
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	2 992	89	123	266	560	750	521	561	122	$17 579	$20 260	2 604	$18 436
SELF-EMPLOYED	570	47	56	68	108	74	53	127	37	$15 310	$18 886	475	$17 042
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	3 466	157	293	342	526	539	455	835	319	$18 575	$23 230	2 635	$21 443
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	3 514	32	184	190	605	696	636	947	224	$20 291	$23 289	3 008	$21 109
SALES WORKERS, RETAIL AND PERSONAL SERVICES	5 038	655	1 097	675	976	757	408	437	33	$10 588	$11 910	2 880	$15 249
CASHIERS	668	195	229	91	60	62	19	12	-	$4 413	$6 675	233	$12 854
SALES RELATED OCCUPATIONS	52	-	16	3	7	9	-	17	-	$13 500	$16 120	38	$18 549

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

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TOLEDO, OH-MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	11 455	638	1 235	1 121	2 143	2 933	2 005	1 338	42	$15 694	$15 475	8 332	$17 497
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	1 721	25	74	86	203	370	415	528	20	$20 911	$20 987	1 571	$21 567
COMPUTER EQUIPMENT OPERATORS	449	16	58	50	123	50	70	73	9	$13 785	$16 506	329	$16 456
SECRETARIES, STENOGRAPHERS, AND TYPISTS	154	12	36	52	24	16	10	4	-	$7 933	$9 438	91	$10 125
SECRETARIES	97	-	29	36	6	16	10	-	-	$7 773	$10 089	69	$9 643
RECEPTIONISTS	57	31	15	2	9	-	-	-	-	$1 844	$3 608	-	-
FILE CLERKS	117	6	13	12	22	28	34	2	-	$15 689	$14 251	89	$17 582
FINANCIAL RECORDS PROCESSING OCCUPATIONS	720	6	95	72	169	183	125	70	-	$15 321	$15 121	514	$17 152
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	385	6	80	52	87	65	53	42	-	$12 922	$13 685	241	$16 987
TELEPHONE OPERATORS	88	-	2	12	42	7	19	6	-	$13 311	$15 464	72	$12 616
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	1 286	66	118	85	125	636	222	30	4	$16 175	$15 527	1 008	$16 870
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	2 979	191	418	475	715	678	398	104	-	$12 881	$12 558	1 887	$15 396
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	155	7	2	11	43	50	17	25	-	$15 974	$16 808	124	$17 337
BANK TELLERS	49	7	11	15	15	1	-	-	-	$6 929	$7 074	24	$11 000
DATA-ENTRY KEYERS	62	-	-	11	26	21	2	2	-	$13 375	$13 596	49	$15 048
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	3 618	271	393	238	627	893	693	494	9	$16 156	$15 751	2 574	$18 226
SERVICE OCCUPATIONS	17 088	3 365	4 230	2 319	2 835	2 243	1 313	754	29	$7 595	$9 490	8 328	$14 194
PRIVATE HOUSEHOLD OCCUPATIONS	55	23	5	7	7	7	6	-	-	$4 900	$7 753	9	$20 198
PROTECTIVE SERVICE OCCUPATIONS	4 335	259	627	469	587	1 214	714	452	13	$15 616	$14 948	3 034	$17 596
FIREFIGHTING OCCUPATIONS	590	4	8	22	7	286	151	112	-	$19 122	$19 996	536	$19 468
POLICE AND DETECTIVES, PUBLIC SERVICE	1 003	9	30	31	91	488	275	79	-	$17 816	$18 849	909	$18 074
GUARDS	1 990	240	569	364	270	256	169	109	13	$8 044	$10 375	914	$15 139
OTHER PROTECTIVE SERVICE OCCUPATIONS	752	6	20	52	219	184	119	152	-	$16 675	$17 885	675	$17 216
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	12 698	3 083	3 598	1 843	2 241	1 022	593	302	16	$5 479	$7 635	5 285	$11 870
FOOD PREPARATION AND SERVICE OCCUPATIONS	4 808	1 987	1 773	521	333	77	62	55	-	$2 807	$4 240	987	$8 903
WAITERS AND FOOD COUNTER WORKERS	438	182	175	57	14	-	5	5	-	$2 841	$3 974	84	$7 875
COOKS	2 051	798	858	211	105	36	17	26	-	$2 921	$4 155	362	$8 758
HEALTH SERVICE OCCUPATIONS	574	33	113	180	180	33	22	13	-	$8 932	$9 400	302	$11 273
NURSING AIDES, ORDERLIES, AND ATTENDANTS	467	33	105	145	134	23	16	11	-	$8 429	$8 986	241	$10 712
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	6 459	955	1 436	1 011	1 500	853	487	201	16	$9 360	$9 876	3 557	$12 807
PERSONAL SERVICE OCCUPATIONS	857	108	276	131	228	59	22	33	-	$7 290	$8 607	439	$11 233
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	450	4	127	90	168	23	13	25	-	$10 087	$10 429	319	$11 192
FARMING, FORESTRY, AND FISHING OCCUPATIONS	4 496	828	950	700	795	531	264	371	57	$8 651	$10 871	2 515	$12 665
FARM OPERATORS AND MANAGERS	2 260	271	336	321	434	291	221	331	55	$11 906	$14 403	1 702	$12 967
FARM OCCUPATIONS, EXCEPT MANAGERIAL	945	249	305	201	98	58	15	19	-	$4 685	$6 240	325	$9 484
RELATED AGRICULTURAL OCCUPATIONS	1 164	276	274	170	236	157	28	21	2	$6 736	$8 090	437	$13 440
FORESTRY AND FISHING OCCUPATIONS	127	32	35	8	27	25	-	-	-	$5 125	$7 986	51	$14 843
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	46 783	1 639	3 198	3 682	7 716	9 791	9 754	10 648	355	$18 298	$18 442	31 917	$20 483
MECHANICS AND REPAIRERS	15 116	613	1 043	1 400	2 773	3 362	3 206	2 648	71	$17 114	$17 307	11 031	$18 775
AUTOMOBILE MECHANICS, INCLUDING BODY	3 902	252	445	544	952	880	572	244	13	$13 565	$13 690	2 671	$15 414
AIRCRAFT MECHANICS	137	5	16	8	5	12	38	47	6	$22 488	$21 319	118	$23 582
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	424	5	28	49	106	85	89	62	-	$16 073	$16 701	264	$15 874
OTHER MECHANICS AND REPAIRERS	10 653	351	554	799	1 710	2 385	2 507	2 295	52	$18 706	$18 604	7 978	$20 161
CONSTRUCTION TRADES	15 262	680	1 350	1 379	2 731	2 897	2 659	3 415	151	$17 157	$17 774	8 028	$21 005
CARPENTERS	3 798	216	502	523	946	772	502	316	21	$13 331	$13 733	1 421	$16 649
ELECTRICIANS	2 624	71	73	125	309	424	587	1 028	7	$22 222	$21 665	1 858	$23 565
PAINTERS, CONSTRUCTION AND MAINTENANCE	883	118	137	128	236	143	102	15	4	$10 796	$11 367	337	$12 704
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	2 107	58	64	103	261	420	473	716	12	$21 203	$20 612	1 370	$21 475
OTHER CONSTRUCTION TRADES	5 850	217	574	500	979	1 138	995	1 340	107	$17 462	$18 596	3 042	$21 926
EXTRACTIVE OCCUPATIONS	128	2	4	17	22	13	37	33	-	$20 539	$19 202	115	$21 202
PRECISION PRODUCTION OCCUPATIONS	16 277	344	801	886	2 190	3 519	3 852	4 552	133	$20 359	$20 117	12 743	$21 276
SUPERVISORS, PRODUCTION OCCUPATIONS	7 226	67	246	212	750	1 536	1 700	2 614	101	$21 927	$22 661	6 126	$22 816
MANUFACTURING	5 500	51	159	117	422	1 145	1 296	2 228	82	$22 909	$23 577	4 787	$23 636
PRECISION METALWORKING OCCUPATIONS	5 838	123	273	360	897	1 259	1 467	1 448	11	$20 015	$19 021	4 262	$20 719
TOOL AND DIE MAKERS	2 943	33	127	99	440	573	743	919	9	$20 988	$20 270	2 320	$21 750
MACHINISTS	1 670	51	106	169	301	456	420	167	-	$16 766	$16 476	1 242	$17 880
SHEET METAL WORKERS	448	21	-	55	80	65	94	131	2	$20 111	$18 288	260	$24 258
OTHER PRECISION METAL WORKERS	777	18	40	37	76	165	210	231	-	$20 894	$20 179	440	$21 400
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	221	35	50	41	71	16	-	8	-	$8 450	$8 689	105	$12 069
PLANT AND SYSTEM OPERATORS	996	-	24	48	61	174	361	322	6	$22 050	$21 919	848	$22 351
OTHER PRECISION PRODUCTION OCCUPATIONS	1 996	119	208	225	411	534	324	160	15	$15 206	$14 479	1 402	$16 425

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TOLEDO, OH-MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
OPERATORS, FABRICATORS, AND LABORERS	65 722	4 243	7 013	6 968	12 903	15 899	11 511	6 994	191	$15 365	$15 068	36 890	$17 630
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	32 719	1 387	2 296	3 219	7 011	9 593	6 504	2 653	56	$15 867	$15 607	19 628	$17 378
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	19 290	818	1 449	1 938	4 270	5 304	3 957	1 524	30	$15 751	$15 479	12 164	$17 247
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	4 946	244	309	511	1 024	1 289	1 108	455	6	$16 078	$15 868	2 963	$17 852
PRINTING MACHINE OPERATORS	928	19	89	52	226	287	194	61	-	$15 916	$15 938	742	$16 703
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	325	4	94	70	80	61	9	7	-	$9 450	$10 073	173	$12 161
TEXTILE MACHINE OPERATORS	104	-	12	11	32	42	-	7	-	$14 492	$13 583	60	$15 729
TEXTILE SEWING MACHINE OPERATORS	20	-	6	-	12	2	-	-	-	$11 333	$9 639	-	-
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	194	4	69	59	36	17	9	-	-	$7 043	$8 440	106	$9 385
OTHER SPECIFIED MACHINE OPERATORS	5 677	254	466	664	1 325	1 501	951	516	-	$15 276	$14 987	3 664	$16 669
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	7 414	297	491	641	1 615	2 166	1 695	485	24	$16 074	$15 775	4 622	$17 639
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	1 917	57	96	182	385	581	448	160	8	$16 515	$16 452	1 314	$17 680
MACHINE OPERATORS, NOT SPECIFIED	5 497	240	395	459	1 230	1 585	1 247	325	16	$15 923	$15 539	3 308	$17 619
INDUSTRY:													
MANUFACTURING	6 828	258	445	553	1 498	1 998	1 627	425	24	$16 175	$15 892	4 255	$17 807
NONDURABLE GOODS	1 416	76	145	144	457	370	191	31	2	$13 697	$13 210	938	$15 396
FOOD AND KINDRED PRODUCTS	294	27	33	12	114	29	60	19	-	$13 295	$13 604	196	$15 000
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	132	7	10	8	53	37	14	1	2	$13 516	$13 703	98	$15 208
PAPER AND ALLIED PRODUCTS	371	14	46	49	110	126	26	-	-	$13 545	$12 311	241	$15 025
OTHER NONDURABLE GOODS	619	28	56	75	180	178	91	11	-	$14 119	$13 457	403	$15 757
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	5 412	182	300	409	1 041	1 628	1 436	394	22	$16 824	$16 594	3 317	$18 784
METAL INDUSTRIES	1 103	49	74	123	289	265	214	89	-	$15 204	$15 228	699	$17 701
MACHINERY, INCLUDING ELECTRICAL	951	18	60	60	169	316	264	56	8	$17 071	$17 134	729	$18 619
TRANSPORTATION EQUIPMENT	2 356	69	114	113	366	814	680	186	14	$17 595	$17 450	1 264	$19 497
OTHER DURABLE GOODS	1 002	46	52	113	217	233	278	63	-	$16 171	$15 570	625	$18 626
NONMANUFACTURING INDUSTRIES	586	39	46	88	117	168	68	60	-	$15 053	$14 416	367	$16 214
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	213	11	12	12	31	75	36	36	-	$17 081	$17 747	151	$17 747
WHOLESALE AND RETAIL TRADE	139	8	14	36	22	41	18	-	-	$13 076	$12 161	90	$15 267
ALL OTHER INDUSTRIES	234	20	20	40	64	52	14	24	-	$12 605	$12 724	126	$15 408
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	10 255	484	707	1 124	2 168	3 205	1 688	853	26	$15 644	$15 393	5 278	$17 162
WELDERS AND CUTTERS	3 827	118	280	458	780	987	650	534	20	$16 009	$16 355	2 014	$18 008
ASSEMBLERS	6 177	348	390	645	1 326	2 141	1 024	297	6	$15 530	$14 884	3 108	$16 862
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	251	18	37	21	62	77	14	22	-	$13 929	$13 247	156	$16 004
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	3 174	85	140	157	573	1 084	859	276	-	$17 321	$17 077	2 186	$18 715
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	18 355	751	1 437	1 644	3 174	3 906	3 587	3 721	135	$17 338	$17 708	11 284	$20 148
MOTOR VEHICLE OPERATORS	10 490	588	903	1 108	1 723	2 169	1 781	2 118	100	$16 704	$17 194	6 405	$19 710
TRUCK DRIVERS AND DRIVER-SALES WORKERS	9 585	542	713	957	1 599	1 991	1 653	2 035	95	$17 027	$17 576	5 968	$19 864
BUS DRIVERS	367	2	48	85	75	88	47	22	-	$12 618	$13 241	189	$16 867
RAIL AND WATER TRANSPORTATION OCCUPATIONS	2 479	6	95	66	216	403	735	937	21	$22 599	$22 677	1 594	$24 095
MATERIAL MOVING EQUIPMENT OPERATORS	5 386	157	439	470	1 235	1 334	1 071	666	14	$16 072	$16 423	3 285	$17 898
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	278	11	17	23	47	73	79	28	-	$17 305	$16 549	142	$20 465
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	14 648	2 105	3 280	2 105	2 718	2 400	1 420	620	-	$9 700	$10 556	5 978	$15 328
CONSTRUCTION LABORERS	2 339	290	442	311	451	416	325	104	-	$11 488	$11 674	720	$16 384
FREIGHT, STOCK, AND MATERIAL HANDLERS	4 751	794	1 227	567	686	834	373	270	-	$8 620	$10 302	1 812	$15 946
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	1 381	366	583	275	94	40	23	-	-	$3 924	$4 929	384	$8 528
HAND PACKERS AND PACKAGERS	753	91	109	96	216	119	74	48	-	$11 750	$11 784	437	$14 892
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	1 235	197	260	225	257	114	142	40	-	$8 710	$10 087	485	$14 655
LABORERS, EXCEPT CONSTRUCTION	4 189	367	659	631	1 014	877	483	158	-	$12 090	$11 991	2 140	$15 392
MANUFACTURING	2 229	96	342	307	525	570	309	80	-	$13 380	$12 994	1 170	$16 012
NONDURABLE GOODS	471	43	75	86	105	82	58	22	-	$11 370	$11 973	217	$15 086
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG.	1 758	53	267	221	420	488	251	58	-	$13 911	$13 268	953	$16 181
METAL INDUSTRIES	604	13	86	124	175	127	65	14	-	$12 111	$12 285	291	$14 550
NONMANUFACTURING INDUSTRIES	1 960	271	317	324	489	307	174	78	-	$10 630	$10 850	970	$14 434
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	568	53	56	100	111	123	71	54	-	$13 148	$13 545	271	$16 691
WHOLESALE AND RETAIL TRADE	922	89	151	135	293	147	89	18	-	$11 458	$11 205	554	$13 902
ALL OTHER INDUSTRIES	470	129	110	89	85	37	14	6	-	$5 500	$6 896	145	$11 667
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	210	35	86	62	22	5	-	-	-	$5 590	$5 606	102	$6 800

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

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

TOLEDO, OH-MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
FEMALE EXPERIENCED CIVILIAN LABOR FORCE	141 040	22 230	38 924	34 728	28 641	12 192	3 047	1 092	186	$7 070	$7 776	60 876	$10 525
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	28 563	2 574	5 340	5 200	7 742	5 580	1 461	579	87	$10 673	$10 718	12 635	$12 964
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	8 711	610	1 669	1 936	2 447	1 213	511	313	12	$10 245	$10 707	5 753	$12 111
OFFICIALS AND ADMINISTRATORS, PUBLIC ADMINISTRATION	288	28	45	65	68	54	21	7	-	$10 429	$11 458	189	$13 851
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	558	30	176	50	99	68	85	50	-	$10 836	$12 130	218	$13 369
MANAGERS, MEDICINE AND HEALTH	164	7	2	12	69	53	16	5	-	$14 328	$14 265	133	$15 134
OTHER SPECIFIED MANAGERS	1 375	67	165	289	455	271	76	52	-	$11 473	$11 899	1 092	$12 455
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	3 705	221	808	994	1 055	355	143	119	10	$9 311	$10 010	2 479	$11 365
MANUFACTURING	299	11	45	37	102	44	34	24	2	$12 838	$13 272	192	$14 086
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	111	-	-	43	34	5	6	23	-	$12 504	$14 227	85	$13 114
WHOLESALE AND RETAIL TRADE	1 681	91	424	479	482	133	43	21	8	$8 642	$9 279	1 151	$10 591
ALL OTHER INDUSTRIES	1 614	119	339	435	437	173	60	51	-	$9 239	$9 876	1 051	$11 709
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	360	112	123	43	46	17	4	15	-	$3 324	$5 574	172	$5 778
CONSTRUCTION	2	-	-	-	2	-	-	-	-	$11 000	$11 005	2	$11 000
MANUFACTURING	35	15	5	2	7	-	-	6	-	$2 500	$8 976	15	$1,000-
WHOLESALE AND RETAIL TRADE	199	77	68	16	25	9	4	-	-	$2 750	$3 997	98	$3 375
ALL OTHER INDUSTRIES	124	20	50	25	12	8	-	9	-	$5 467	$7 058	57	$9 000
MANAGEMENT RELATED OCCUPATIONS	2 261	145	350	483	655	395	166	65	2	$11 013	$11 239	1 470	$12 971
ACCOUNTANTS AND AUDITORS	933	19	134	208	301	192	57	22	-	$11 884	$11 756	608	$13 295
BUYERS AND PURCHASING AGENTS	451	15	94	69	135	74	38	26	-	$11 131	$11 934	343	$12 338
PROFESSIONAL SPECIALTY OCCUPATIONS	19 852	1 964	3 671	3 264	5 295	4 367	950	266	75	$10 883	$10 723	6 882	$13 833
ENGINEERS, ARCHITECTS, AND SURVEYORS	174	10	2	48	32	45	26	11	-	$13 794	$14 033	135	$15 661
ARCHITECTS	13	7	-	6	-	-	-	-	-	$1 929	$3 428	6	$7 000
ENGINEERS	155	3	2	42	26	45	26	11	-	$15 309	$15 033	123	$16 146
ELECTRICAL AND ELECTRONIC ENGINEERS	33	-	2	11	7	-	13	-	-	$11 000	$13 772	21	$20 149
MECHANICAL ENGINEERS	8	-	-	-	2	6	-	-	-	$15 267	$16 945	6	$15 439
OTHER ENGINEERS	114	3	-	31	17	39	13	11	-	$15 454	$15 265	96	$15 750
SURVEYORS AND MAPPING SCIENTISTS	6	-	-	-	6	-	-	-	-	$11 000	$11 165	6	$11 000
MATHEMATICAL AND COMPUTER SCIENTISTS	205	7	-	34	45	73	28	18	-	$15 693	$15 959	147	$16 607
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	114	-	-	19	5	46	26	18	-	$18 023	$19 087	77	$20 678
NATURAL SCIENTISTS	106	-	17	14	34	24	12	5	-	$12 986	$13 276	74	$15 512
HEALTH DIAGNOSING OCCUPATIONS	220	10	25	34	35	21	3	49	43	$16 193	$26 465	129	$19 515
PHYSICIANS	175	5	15	20	35	16	3	44	37	$18 697	$29 159	118	$19 168
DENTISTS	22	5	-	6	-	-	-	5	6	$16 500	$24 528	6	$61 359
OTHER HEALTH DIAGNOSING PRACTITIONERS	23	-	10	8	-	5	-	-	-	$6 500	$7 824	5	$15 439
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	5 758	324	768	1 132	1 588	1 522	367	51	6	$11 952	$11 589	2 740	$15 563
REGISTERED NURSES	4 682	249	559	891	1 311	1 356	282	28	6	$12 220	$11 829	2 222	$15 683
PHARMACISTS	227	26	48	46	15	8	63	21	-	$9 458	$12 551	125	$20 690
THERAPISTS	596	37	99	141	191	111	15	2	-	$10 792	$10 231	256	$13 541
TEACHERS, LIBRARIANS, AND COUNSELORS	10 348	1 131	2 195	1 271	2 891	2 319	437	96	8	$10 921	$10 297	2 177	$12 348
TEACHERS, POSTSECONDARY	767	84	290	108	71	101	59	54	-	$6 365	$9 692	122	$15 462
TEACHERS, ELEMENTARY AND PRE-KINDERGARTEN	6 155	560	1 122	802	1 842	1 548	259	14	8	$11 552	$10 810	1 224	$12 136
TEACHERS, SECONDARY	1 884	164	343	150	672	494	54	7	-	$11 691	$10 820	375	$12 625
SOCIAL SCIENTISTS AND URBAN PLANNERS	240	9	18	41	53	69	36	14	-	$14 821	$14 592	130	$16 110
SOCIAL AND RECREATION WORKERS	1 031	54	176	294	301	180	20	-	6	$9 906	$10 249	594	$12 262
RELIGIOUS WORKERS	165	42	54	28	41	-	-	-	-	$5 413	$5 908	40	$10 923
LAWYERS AND JUDGES	139	13	25	27	51	4	-	7	12	$10 321	$14 731	78	$12 000
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	1 466	364	391	341	224	110	21	15	-	$5 738	$6 519	638	$9 098
TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS	62 940	8 251	17 235	18 420	13 776	4 107	878	240	33	$7 347	$7 602	30 959	$10 305
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	5 365	317	1 052	1 424	1 915	534	93	30	-	$9 735	$9 422	2 752	$12 194
HEALTH TECHNOLOGISTS AND TECHNICIANS	4 253	184	797	1 205	1 561	422	66	18	-	$9 825	$9 541	2 105	$12 280
LICENSED PRACTICAL NURSES	2 396	112	454	730	949	125	20	6	-	$9 486	$9 013	1 120	$12 090
ENGINEERING AND SCIENCE TECHNICIANS	353	75	76	52	114	21	9	6	-	$8 795	$7 804	181	$11 290
ELECTRICAL AND ELECTRONIC TECHNICIANS	14	-	-	5	9	-	-	-	-	$10 444	$10 441	14	$10 444
DRAFTING AND SURVEYING TECHNICIANS	60	6	7	10	27	4	-	6	-	$11 077	$10 676	43	$12 341
TECHNICIANS, EXCEPT HEALTH, ENGINEERING, AND SCIENCE	759	58	179	167	240	91	18	6	-	$9 559	$9 510	466	$12 112
AIRPLANE PILOTS AND NAVIGATORS	-	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS	260	14	50	27	109	53	5	2	-	$11 529	$11 109	184	$13 027
SALES OCCUPATIONS	16 517	3 747	6 540	3 612	1 760	620	118	106	14	$4 574	$5 651	5 231	$9 016
SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS	1 259	117	223	449	344	95	23	8	-	$8 787	$8 860	853	$10 344
SELF-EMPLOYED	182	59	58	39	14	10	-	2	-	$5 133	$5 386	96	$5 733
SALES REPRESENTATIVES, FINANCE AND BUSINESS SERVICES	1 509	170	391	414	307	138	47	34	8	$7 985	$9 035	720	$10 511
SALES REPRESENTATIVES, COMMODITIES, EXCEPT RETAIL	451	58	96	88	128	47	13	15	6	$9 421	$9 893	275	$11 750
SALES WORKERS, RETAIL AND PERSONAL SERVICES	13 217	3 361	5 805	2 654	973	340	35	49	-	$3 934	$4 830	3 376	$8 205
CASHIERS	5 757	1 404	2 374	1 105	602	221	29	22	-	$4 136	$5 330	1 571	$9 003
SALES RELATED OCCUPATIONS	81	41	25	7	8	-	-	-	-	$1 964	$3 069	7	$7 400

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

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TOLEDO, OH-MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	41 058	4 187	9 643	13 384	10 101	2 953	667	104	19	$8 112	$8 149	22 976	$10 306
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS	1 354	35	122	297	522	276	80	22	-	$11 492	$11 918	1 082	$12 480
COMPUTER EQUIPMENT OPERATORS	830	28	117	271	326	66	4	18	-	$9 987	$9 841	557	$11 208
SECRETARIES, STENOGRAPHERS, AND TYPISTS	15 142	1 397	3 311	5 225	4 014	970	177	34	14	$8 399	$8 257	8 892	$10 228
SECRETARIES	13 061	1 140	2 776	4 512	3 558	856	171	34	14	$8 486	$8 396	7 735	$10 329
RECEPTIONISTS	1 597	298	554	540	171	28	-	6	-	$5 664	$5 743	616	$8 515
FILE CLERKS	516	145	167	96	82	26	-	-	-	$4 795	$5 823	184	$10 229
FINANCIAL RECORDS PROCESSING OCCUPATIONS	6 126	451	1 199	2 275	1 736	378	82	5	-	$8 513	$8 463	3 709	$10 224
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS	4 926	388	940	1 918	1 361	240	74	5	-	$8 355	$8 321	2 920	$10 031
TELEPHONE OPERATORS	868	71	174	263	325	25	10	-	-	$9 103	$8 558	438	$10 932
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS	1 038	156	177	156	141	340	68	-	-	$10 870	$10 762	550	$15 676
TRAFFIC, SHIPPING, STOCK AND INVENTORY CLERKS	1 008	99	232	340	215	91	31	-	-	$8 155	$8 273	605	$9 536
INSURANCE ADJUSTERS, EXAMINERS, AND INVESTIGATORS	217	14	34	103	57	2	7	-	-	$8 482	$8 131	171	$9 170
BANK TELLERS	1 525	163	476	758	111	15	2	-	-	$6 669	$6 345	782	$8 258
DATA-ENTRY KEYERS	924	51	152	330	270	102	19	-	-	$9 112	$9 268	586	$10 865
OTHER ADMINISTRATIVE SUPPORT OCCUPATIONS	9 913	1 279	2 928	2 730	2 131	634	187	19	5	$7 100	$7 494	4 804	$10 518
SERVICE OCCUPATIONS	29 527	8 941	11 643	6 037	2 291	343	152	65	55	$3 765	$4 696	8 232	$7 908
PRIVATE HOUSEHOLD OCCUPATIONS	1 347	845	431	50	21	-	-	-	-	$1 394	$2 091	178	$5 038
PROTECTIVE SERVICE OCCUPATIONS	713	229	146	158	118	41	7	6	8	$4 952	$7 121	312	$10 523
FIREFIGHTING OCCUPATIONS	7	-	-	-	-	7	-	-	-	$15 439	$17 485	7	$15 439
POLICE AND DETECTIVES, PUBLIC SERVICE	53	13	-	13	15	12	-	-	-	$10 125	$9 626	34	$12 666
GUARDS	562	200	137	129	58	17	7	6	8	$3 286	$6 458	211	$9 108
OTHER PROTECTIVE SERVICE OCCUPATIONS	91	16	9	16	45	5	-	-	-	$10 474	$8 963	60	$12 048
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	27 467	7 867	11 066	5 829	2 152	302	145	59	47	$3 884	$4 761	7 742	$7 924
FOOD PREPARATION AND SERVICE OCCUPATIONS	14 205	4 872	6 432	2 216	554	59	24	20	28	$3 210	$3 893	2 825	$6 901
WAITERS AND FOOD COUNTER WORKERS	7 253	2 700	3 416	927	167	19	4	-	20	$2 970	$3 544	1 309	$6 070
COOKS	2 990	862	1 314	633	156	22	3	-	-	$3 821	$4 287	750	$7 365
HEALTH SERVICE OCCUPATIONS	5 747	951	1 944	1 901	839	69	23	14	6	$5 956	$6 092	2 451	$8 494
NURSING AIDES, ORDERLIES, AND ATTENDANTS	3 966	750	1 416	1 165	557	57	15	-	6	$5 515	$5 829	1 622	$8 329
CLEANING AND BUILDING SERVICE OCCUPATIONS EXC. HOUSEHOLD	3 786	849	1 300	1 010	499	71	43	8	6	$5 229	$5 868	1 457	$9 004
PERSONAL SERVICE OCCUPATIONS	3 729	1 195	1 390	702	260	103	55	17	7	$3 718	$4 892	1 009	$7 907
BARBERS, HAIRDRESSERS AND COSMETOLOGISTS	1 589	335	620	330	190	60	37	17	-	$5 177	$6 127	561	$8 370
FARMING, FORESTRY, AND FISHING OCCUPATIONS	797	342	296	76	62	17	2	2	-	$2 456	$3 603	189	$8 371
FARM OPERATORS AND MANAGERS	185	86	51	8	21	15	2	2	-	$2 591	$4 309	63	$3 625
FARM OCCUPATIONS, EXCEPT MANAGERIAL	455	206	195	31	21	2	-	-	-	$2 213	$2 919	73	$7 688
RELATED AGRICULTURAL OCCUPATIONS	157	50	50	37	20	-	-	-	-	$4 100	$4 753	53	$9 409
FORESTRY AND FISHING OCCUPATIONS	-	-	-	-	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	2 672	332	614	656	640	261	84	85	-	$8 261	$9 047	1 439	$11 142
MECHANICS AND REPAIRERS	401	27	41	101	110	63	34	25	-	$11 537	$12 260	236	$13 075
AUTOMOBILE MECHANICS, INCLUDING BODY	54	-	13	10	6	4	21	-	-	$13 849	$13 508	54	$13 849
AIRCRAFT MECHANICS	7	-	-	-	7	-	-	-	-	$11 000	$11 965	7	$11 000
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS	-	-	-	-	-	-	-	-	-	-	-	-	-
OTHER MECHANICS AND REPAIRERS	340	27	28	91	97	59	13	25	-	$11 412	$12 068	175	$13 221
CONSTRUCTION TRADES	259	55	79	55	48	11	6	5	-	$5 855	$6 851	95	$11 065
CARPENTERS	47	13	10	9	11	4	-	-	-	$6 125	$5 814	16	$11 273
ELECTRICIANS	44	-	7	22	8	2	-	5	-	$8 250	$10 832	22	$13 141
PAINTERS, CONSTRUCTION AND MAINTENANCE	78	20	32	16	4	-	6	-	-	$3 800	$5 394	19	$8 900
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	18	-	-	5	13	-	-	-	-	$11 333	$11 683	18	$11 333
OTHER CONSTRUCTION TRADES	72	22	30	3	12	5	-	-	-	$5 200	$5 464	20	$11 167
EXTRACTIVE OCCUPATIONS	8	-	-	-	2	-	-	6	-	$25 281	$23 688	8	$25 281
PRECISION PRODUCTION OCCUPATIONS	2 004	250	494	500	480	187	44	49	-	$8 040	$8 629	1 100	$10 711
SUPERVISORS, PRODUCTION OCCUPATIONS	643	33	76	149	231	101	27	26	-	$11 396	$11 535	471	$12 193
MANUFACTURING	391	21	32	63	155	78	22	20	-	$12 306	$12 634	275	$13 572
PRECISION METALWORKING OCCUPATIONS	139	13	28	48	48	-	-	2	-	$8 050	$8 435	56	$12 069
TOOL AND DIE MAKERS	5	-	-	-	3	-	-	2	-	$11 667	$19 053	3	$11 000
MACHINISTS	63	7	6	23	27	-	-	-	-	$9 357	$9 165	37	$12 124
SHEET METAL WORKERS	4	-	-	-	4	-	-	-	-	$11 000	$10 005	-	-
OTHER PRECISION METAL WORKERS	67	6	22	25	14	-	-	-	-	$6 579	$6 862	16	$11 000
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	361	99	117	77	60	-	-	8	-	$4 194	$5 618	141	$9 222
PLANT AND SYSTEM OPERATORS	77	16	18	8	22	6	7	-	-	$9 125	$8 020	37	$12 495
OTHER PRECISION PRODUCTION OCCUPATIONS	784	89	255	218	119	80	10	13	-	$6 807	$7 727	395	$8 863

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TOLEDO, OH-MI SMSA

	PERSONS WITH EARNINGS IN 1979											WORKED YEAR ROUND FULL TIME IN 1979	
	16 YEARS AND OVER	$1 TO $1,999 OR LOSS	$2,000 TO $5,999	$6,000 TO $9,999	$10,000 TO $14,999	$15,000 TO $19,999	$20,000 TO $24,999	$25,000 TO $49,999	$50,000 OR MORE	MEDIAN EARNINGS	MEAN EARNINGS	TOTAL	MEDIAN EARNINGS
TOTAL													
OPERATORS, FABRICATORS, AND LABORERS	16 522	1 776	3 793	4 337	4 130	1 884	470	121	11	$8 510	$8 863	7 414	$11 231
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	11 421	960	2 125	3 120	3 205	1 570	352	87	2	$9 387	$9 576	5 626	$11 378
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	6 261	514	1 351	1 859	1 653	635	204	45	-	$8 760	$9 058	3 245	$10 986
METALWORKING AND PLASTIC WORKING MACHINE OPERATORS	1 325	82	239	335	476	142	24	27	-	$10 061	$9 925	621	$12 283
PRINTING MACHINE OPERATORS	302	6	69	95	83	37	12	-	-	$9 321	$9 639	213	$11 109
TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS	979	115	349	350	122	34	-	9	-	$6 217	$6 532	436	$7 775
TEXTILE MACHINE OPERATORS	42	-	15	23	-	4	-	-	-	$6 857	$7 611	21	$6 875
TEXTILE SEWING MACHINE OPERATORS	395	51	79	159	76	21	-	9	-	$7 406	$7 816	207	$8 952
LAUNDERING AND DRYCLEANING MACHINE OPERATORS	425	51	193	133	41	7	-	-	-	$5 537	$5 684	176	$6 825
OTHER SPECIFIED MACHINE OPERATORS	1 549	178	316	521	353	133	43	5	-	$8 136	$8 362	766	$10 627
MISCELLANEOUS AND NOT SPECIFIED MACHINE OPERATORS	2 106	133	378	558	619	289	125	4	-	$9 895	$10 114	1 209	$11 576
OCCUPATION:													
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	513	23	113	108	179	33	57	-	-	$10 260	$10 246	292	$11 872
MACHINE OPERATORS, NOT SPECIFIED	1 593	110	265	450	440	256	68	4	-	$9 777	$10 072	917	$11 451
INDUSTRY:													
MANUFACTURING	1 930	122	336	504	572	269	123	4	-	$10 019	$10 261	1 102	$11 725
NONDURABLE GOODS	813	70	165	250	249	42	37	-	-	$9 037	$8 950	424	$10 841
FOOD AND KINDRED PRODUCTS	173	17	19	28	89	5	15	-	-	$10 900	$10 303	93	$11 788
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	53	5	23	25	-	-	-	-	-	$5 864	$5 710	13	$8 818
PAPER AND ALLIED PRODUCTS	142	21	31	26	46	18	-	-	-	$9 333	$8 862	76	$10 957
OTHER NONDURABLE GOODS	445	27	92	171	114	19	22	-	-	$8 622	$8 838	242	$10 431
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	1 117	52	171	254	323	227	86	4	-	$10 948	$11 216	678	$12 567
METAL INDUSTRIES	274	10	42	65	93	36	28	-	-	$10 909	$11 223	169	$12 990
MACHINERY, INCLUDING ELECTRICAL	297	15	75	38	58	83	24	4	-	$11 323	$11 524	179	$15 443
TRANSPORTATION EQUIPMENT	281	17	19	74	59	78	34	-	-	$12 120	$12 180	131	$14 009
OTHER DURABLE GOODS	265	10	35	77	113	30	-	-	-	$10 309	$9 841	199	$10 803
NONMANUFACTURING INDUSTRIES	176	11	42	54	47	20	2	-	-	$8 480	$8 498	107	$10 379
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	-	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE AND RETAIL TRADE	69	-	6	38	21	2	2	-	-	$9 240	$9 602	49	$9 522
ALL OTHER INDUSTRIES	107	11	36	16	26	18	-	-	-	$6 813	$7 786	58	$11 571
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	3 476	319	554	874	1 012	629	73	13	2	$9 958	$9 923	1 405	$11 589
WELDERS AND CUTTERS	182	20	35	31	67	23	-	6	-	$10 556	$10 755	81	$12 889
ASSEMBLERS	3 160	248	495	821	908	606	73	7	2	$10 083	$10 070	1 262	$11 590
OTHER FABRICATORS AND HAND WORKING OCCUPATIONS	134	51	24	22	37	-	-	-	-	$5 273	$5 307	62	$10 429
PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS	1 684	127	220	387	540	306	75	29	-	$10 915	$10 788	976	$12 449
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	1 710	218	742	406	171	76	71	20	6	$5 356	$7 088	379	$11 068
MOTOR VEHICLE OPERATORS	1 447	211	698	347	106	31	30	18	6	$4 857	$6 130	258	$9 918
TRUCK DRIVERS AND DRIVER-SALES WORKERS	408	95	111	83	46	31	24	18	-	$5 926	$7 929	144	$12 541
BUS DRIVERS	940	95	534	247	52	-	6	-	6	$4 751	$5 501	95	$9 239
RAIL AND WATER TRANSPORTATION OCCUPATIONS	5	-	-	-	5	-	-	-	-	$12 272	$12 005	-	-
MATERIAL MOVING EQUIPMENT OPERATORS	258	7	44	59	60	45	41	2	-	$12 000	$12 367	121	$12 967
EXCAVATING, GRADING, AND DOZER MACHINE OPERATORS	21	-	5	2	-	14	-	-	-	$15 192	$13 815	-	-
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	3 391	598	926	811	754	238	47	14	3	$6 905	$7 357	1 409	$10 629
CONSTRUCTION LABORERS	40	7	18	11	4	-	-	-	-	$3 583	$5 104	12	$8 286
FREIGHT, STOCK, AND MATERIAL HANDLERS	769	158	258	163	106	61	23	-	-	$5 638	$6 681	238	$10 933
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	97	28	30	26	8	5	-	-	-	$4 542	$5 029	21	$7 500
HAND PACKERS AND PACKAGERS	1 399	227	327	362	349	108	14	9	3	$8 196	$8 001	687	$10 684
OTHER SPECIFIED HANDLERS, EQUIPMENT CLEANERS, AND HELPERS	183	15	48	49	57	14	-	-	-	$8 217	$7 921	55	$9 182
LABORERS, EXCEPT CONSTRUCTION	903	163	245	200	230	50	10	5	-	$6 791	$7 171	396	$10 933
MANUFACTURING	546	48	165	121	162	35	10	5	-	$7 875	$8 080	257	$11 196
NONDURABLE GOODS	227	30	80	57	48	2	10	-	-	$6 259	$7 021	109	$9 955
DURABLE GOODS, INCLUDING NOT SPECIFIED MFG	319	18	85	64	114	33	-	5	-	$9 444	$8 834	148	$12 106
METAL INDUSTRIES	87	3	26	14	39	-	-	5	-	$10 040	$9 101	33	$11 000
NONMANUFACTURING INDUSTRIES	357	115	80	79	68	15	-	-	-	$5 083	$5 781	139	$10 375
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	38	-	-	21	13	4	-	-	-	$9 500	$10 138	19	$11 000
WHOLESALE AND RETAIL TRADE	149	27	33	33	51	5	-	-	-	$7 381	$7 366	79	$11 769
ALL OTHER INDUSTRIES	170	88	47	25	4	6	-	-	-	$1 813	$3 417	41	$8 385
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION	19	14	3	2	-	-	-	-	-	$1,000-	$2 036	8	$1,000-