TABLE 227. (A) INDUSTRY OF THE EXPERIENCED CIVILIAN LABOR FORCE BY SEX, RACE, AND SPANISH ORIGIN: 1980

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

MICHIGAN

	THE STATE														RURAL	
	TOTAL						TOTAL									
	TOTAL		WHITE		BLACK		AMER. INDIAN, ESKIMO / ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)					
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
EXPERIENCED CIVILIAN LABOR FORCE 16 YEARS AND OVER	2 458 373	1 732 329	2 181 938	1 488 504	235 416	215 996	10 593	6 958	15 220	11 520	36 219	24 203	720 507	451 029		
AGRICULTURE, FORESTRY, AND FISHERIES	55 391	15 288	53 404	14 659	1 064	259	355	47	70	48	940	490	44 746	10 535		
AGRICULTURAL PRODUCTION	44 617	10 669	43 442	10 225	505	143	156	13	49	43	841	439	39 777	8 511		
AGRICULTURAL SERVICES, INCLUDING HORTICULTURAL	8 329	4 031	7 753	3 875	484	114	43	7	19	5	64	51	3 246	1 655		
FORESTRY AND FISHERIES	2 445	588	2 209	559	75	2	156	27	2	-	35	-	1 723	369		
MINING	13 873	1 220	13 622	1 190	87	26	97	4	7	-	77	-	9 704	603		
METAL MINING	5 705	263	5 661	263	-	-	30	-	7	-	5	-	3 749	126		
COAL MINING	115	21	96	21	9	-	10	-	-	-	-	-	32	4		
CRUDE PETROLEUM AND NATURAL GAS EXTRACTION	4 314	659	4 228	638	43	19	19	2	-	-	27	-	3 339	337		
NONMETALLIC MINING AND QUARRYING, EXCEPT FUEL	3 739	277	3 637	268	35	7	38	2	-	-	45	-	2 584	136		
CONSTRUCTION	192 783	15 564	179 421	14 385	10 751	1 003	1 243	70	419	44	2 222	183	80 814	4 902		
MANUFACTURING	1 005 562	308 797	870 023	258 457	118 797	44 937	4 095	1 419	4 599	1 779	18 135	5 729	285 257	93 040		
NONDURABLE GOODS	155 710	87 514	142 334	78 300	10 883	7 675	546	328	787	461	2 592	1 719	53 242	31 470		
MEAT PRODUCTS	5 544	2 222	4 379	1 904	991	280	31	19	20	-	231	51	1 760	814		
DAIRY PRODUCTS	4 652	1 086	4 204	1 007	403	62	5	8	12	2	62	7	1 812	451		
CANNED AND PRESERVED FRUITS AND VEGETABLES	5 510	4 739	4 979	4 089	358	403	39	40	7	33	214	303	3 777	3 289		
BAKERY PRODUCTS	4 879	2 885	4 096	2 524	695	302	5	7	10	31	143	62	929	581		
BEVERAGE INDUSTRIES	6 720	1 473	5 399	1 153	1 180	300	28	14	52	-	99	52	1 004	207		
OTHER FOOD INDUSTRIES	9 817	4 491	8 910	3 871	688	532	34	-	31	7	284	167	4 599	1 700		
TOBACCO MANUFACTURES	97	18	64	18	33	-	-	-	-	-	-	-	7	-		
KNITTING MILLS	31	124	31	122	-	-	-	-	-	-	-	2	13	72		
YARN, THREAD, AND FABRIC MILLS	398	443	378	371	20	70	-	2	-	-	6	11	137	93		
OTHER TEXTILE MILL PRODUCTS	1 315	768	1 203	667	82	83	11	14	13	-	37	-	279	208		
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	4 099	8 785	3 727	7 432	284	1 109	16	31	29	94	65	237	1 335	3 448		
PAPER AND ALLIED PRODUCTS	19 778	5 542	18 572	5 068	983	423	81	18	51	3	191	70	8 308	1 856		
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	29 344	20 621	27 558	19 264	1 541	1 185	77	59	59	53	237	244	6 079	5 319		
NEWSPAPER PUBLISHING AND PRINTING	12 149	8 030	11 290	7 579	779	367	31	37	16	12	87	82	2 300	2 481		
CHEMICALS AND ALLIED PRODUCTS	40 674	17 294	37 822	15 267	2 138	1 710	107	53	395	134	672	268	13 722	5 450		
PLASTICS, SYNTHETICS, AND RESINS	4 350	3 688	4 150	3 237	128	346	15	21	31	34	86	52	1 652	1 378		
DRUGS	7 609	5 098	7 025	4 390	446	660	9	7	116	28	71	62	2 379	1 474		
PETROLEUM AND COAL PRODUCTS	1 915	399	1 724	362	125	35	14	-	5	-	52	4	515	120		
PETROLEUM REFINING	1 457	280	1 345	255	51	23	14	-	-	-	52	4	437	102		
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS	19 075	14 439	17 580	13 081	1 255	1 125	77	47	88	95	272	219	7 965	6 428		
FOOTWEAR, EXCEPT RUBBER AND PLASTIC	974	1 687	927	1 657	25	13	7	7	15	6	2	13	567	1 194		
LEATHER AND LEATHER PRODUCTS, EXCEPT FOOTWEAR	888	498	781	443	82	43	14	9	-	3	25	9	434	240		
DURABLE GOODS	845 455	219 267	724 137	178 464	107 166	37 012	3 516	1 078	3 776	1 292	15 450	3 951	230 803	60 862		
LOGGING	3 638	130	3 513	130	30	-	85	-	-	-	18	-	3 092	96		
SAWMILLS, PLANING MILLS, AND MILLWORK	6 739	1 539	6 505	1 446	121	60	40	17	22	4	98	24	4 197	919		
WOOD BUILDINGS, MOBILE HOMES, AND MISCELLANEOUS WOOD PRODUCTS	5 473	1 435	5 232	1 363	199	60	16	8	7	1	33	13	3 364	796		
FURNITURE AND FIXTURES	20 489	8 107	18 994	7 327	1 135	558	53	67	139	68	340	248	7 168	3 344		
STONE, CLAY, GLASS, AND CONCRETE PRODUCTS	18 488	5 134	16 280	4 661	2 005	388	72	33	49	32	267	76	6 250	1 517		
GLASS AND GLASS PRODUCTS	6 949	2 349	5 511	2 098	1 345	220	19	16	20	-	131	45	1 442	694		
CEMENT, CONCRETE, GYPSUM, AND PLASTER PRODUCTS	7 275	763	6 780	722	442	23	28	13	9	5	82	11	3 141	283		
PRIMARY METAL INDUSTRIES	67 294	11 331	56 251	9 518	9 507	1 678	387	65	127	15	2 183	233	18 749	3 692		
BLAST FURNACES, STEELWORKS, ROLLING AND FINISHING MILLS	28 056	3 664	23 748	2 846	3 760	783	186	26	39	4	862	44	4 022	505		
IRON AND STEEL FOUNDRIES	21 292	2 606	16 356	2 085	4 276	490	140	18	32	7	877	50	7 594	903		
PRIMARY NONFERROUS INDUSTRIES	17 946	5 061	16 147	4 587	1 471	405	61	21	56	4	444	139	7 133	2 284		
FABRICATED METAL INDUSTRIES	73 248	23 435	67 041	21 204	5 136	1 887	345	102	260	133	1 175	388	23 904	8 099		
CUTLERY, HANDTOOLS, AND OTHER HARDWARE	6 971	3 292	6 428	2 867	400	387	12	19	71	7	134	57	2 137	1 046		
FABRICATED STRUCTURAL METAL PRODUCTS	15 214	3 368	14 194	3 203	768	139	123	13	40	13	233	12	4 754	1 299		
METAL FORGINGS AND STAMPINGS	26 364	7 170	23 289	6 176	2 737	884	94	23	60	76	475	122	8 745	2 341		
MACHINERY, EXCEPT ELECTRICAL	149 183	32 421	141 002	29 271	6 247	2 740	567	105	782	162	1 589	425	47 402	9 654		
FARM MACHINERY AND EQUIPMENT	6 458	1 262	5 976	1 147	375	98	22	3	37	-	146	25	2 141	438		
CONSTRUCTION AND MATERIAL HANDLING MACHINES	13 078	2 098	12 438	2 005	504	81	44	2	71	7	113	11	5 575	685		
METALWORKING MACHINERY	55 588	9 576	53 313	8 700	1 697	764	188	38	222	66	448	78	15 089	2 336		
OFFICE, ACCOUNTING, AND COMPUTING MACHINES	8 037	3 850	7 282	3 385	507	424	5	3	212	30	66	47	1 124	550		
OTHER MACHINERY, EXCEPT ELECTRICAL	66 022	15 635	61 993	14 034	3 164	1 373	308	59	240	59	816	264	23 473	5 645		
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	22 756	15 022	21 411	13 646	1 065	1 081	73	108	105	93	250	201	8 036	6 374		
HOUSEHOLD APPLIANCES	6 084	2 847	5 736	2 613	286	174	17	34	27	15	41	26	2 929	1 498		
RADIO, TV, AND COMMUNICATION EQUIPMENT	3 634	2 782	3 396	2 378	179	365	2	6	32	11	44	50	965	845		
OTHER ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	13 038	9 393	12 279	8 655	600	542	54	68	46	67	165	125	4 142	4 031		

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

TABLE 227. (A) INDUSTRY OF THE EXPERIENCED CIVILIAN LABOR FORCE BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

MICHIGAN

	THE STATE												RURAL	
	TOTAL		WHITE		BLACK		TOTAL AMER. INDIAN, ESKIMO / ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)			
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TRANSPORTATION EQUIPMENT	457 942	108 267	369 264	78 701	80 487	27 533	1 793	484	2 164	719	9 172	2 146	103 101	22 501
MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT	441 568	103 325	354 364	74 519	79 218	26 886	1 743	436	2 071	679	8 970	2 065	98 165	20 832
AIRCRAFT, SPACE VEHICLES, AND PARTS	6 558	2 381	6 211	2 093	279	228	10	42	34	15	64	35	1 854	819
SHIP AND BOAT BUILDING AND REPAIRING	3 146	775	2 881	746	214	13	26	4	18	5	60	25	1 614	395
OTHER TRANSPORTATION EQUIPMENT	6 670	1 786	5 808	1 343	776	406	14	2	41	20	78	21	1 468	455
PROFESSIONAL AND PHOTOGRAPHIC EQUIPMENT AND WATCHES	7 947	5 718	7 435	5 190	355	418	40	47	67	34	125	106	2 082	1 794
MISCELLANEOUS MANUFACTURING INDUSTRIES	12 258	6 728	11 209	6 007	879	609	45	42	54	31	200	91	3 458	2 076
NOT SPECIFIED MANUFACTURING INDUSTRIES	4 397	2 016	3 552	1 693	748	250	33	13	36	26	93	59	1 212	708
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	169 103	62 947	150 412	49 484	16 610	12 738	782	317	577	141	1 983	800	49 795	12 882
TRANSPORTATION	102 241	28 734	90 800	23 033	10 255	5 368	482	172	179	48	1 328	384	30 113	6 390
RAILROADS	16 948	1 518	15 674	1 363	900	135	104	-	30	5	399	46	5 432	250
BUS SERVICE AND URBAN TRANSIT	5 598	2 645	3 699	1 880	1 830	742	37	23	11	-	47	6	936	548
TAXICAB SERVICE	2 363	485	1 395	273	918	204	12	8	13	-	47	15	142	42
TRUCKING SERVICE AND WAREHOUSING	50 481	7 049	47 215	6 505	2 830	473	258	40	31	6	570	101	16 740	1 536
U.S. POSTAL SERVICE	15 720	9 989	12 585	6 587	3 025	3 301	39	45	10	8	175	93	3 918	2 916
WATER TRANSPORTATION	2 413	378	2 238	363	148	7	18	3	9	-	-	5	1 039	194
AIR TRANSPORTATION	6 424	2 927	5 838	2 488	506	387	6	20	57	14	71	57	1 293	343
OTHER TRANSPORTATION	2 294	3 743	2 156	3 574	98	119	8	33	18	15	19	61	613	561
COMMUNICATIONS	24 325	24 733	22 048	18 945	2 037	5 514	85	83	94	65	231	324	6 656	4 301
RADIO AND TELEVISION BROADCASTING	4 276	2 377	3 842	1 993	387	342	26	12	21	15	29	46	933	442
TELEPHONE (WIRE AND RADIO)	18 884	21 885	17 192	16 541	1 521	5 117	43	66	67	50	194	278	5 421	3 748
TELEGRAPH AND MISCELLANEOUS COMMUNICATION SERVICES	1 165	471	1 014	411	129	55	16	5	6	-	8	-	302	111
UTILITIES AND SANITARY SERVICES	42 537	9 480	37 564	7 506	4 318	1 856	215	62	304	28	424	92	13 026	2 191
ELECTRIC AND GAS UTILITIES	31 117	7 753	28 606	6 351	2 128	1 311	127	49	195	21	286	75	10 350	1 873
WATER SUPPLY, SANITARY SERVICES, AND OTHER UTILITIES	11 420	1 727	8 958	1 155	2 190	545	88	13	109	7	138	17	2 676	318
WHOLESALE TRADE	109 262	37 708	101 872	34 824	6 173	2 520	362	106	441	105	1 077	440	29 138	8 374
DURABLE GOODS	64 389	21 473	60 124	19 909	3 523	1 377	236	58	279	56	620	191	16 214	4 206
MOTOR VEHICLES AND EQUIPMENT	12 558	3 938	11 637	3 627	763	285	41	6	47	4	166	47	2 830	717
LUMBER AND CONSTRUCTION MATERIALS	3 809	971	3 642	940	127	27	22	-	-	-	30	8	1 142	243
ELECTRICAL GOODS	5 300	2 235	5 021	2 133	232	84	9	6	23	-	43	5	1 084	424
HARDWARE, PLUMBING AND HEATING SUPPLIES	6 901	2 088	6 578	1 996	248	92	37	-	27	-	34	-	2 049	594
MACHINERY, EQUIPMENT, AND SUPPLIES	22 031	7 682	20 904	7 051	948	537	45	34	98	27	161	67	6 182	1 554
OTHER WHOLESALE, DURABLE GOODS	13 790	4 559	12 342	4 162	1 205	352	82	12	84	25	186	64	2 927	674
NONDURABLE GOODS	44 873	16 235	41 748	14 915	2 650	1 143	126	48	162	49	457	249	12 924	4 168
DRUGS, CHEMICALS, AND ALLIED PRODUCTS	2 981	1 799	2 802	1 600	157	181	8	-	12	8	20	40	487	280
GROCERIES AND FARM PRODUCTS	21 935	7 039	20 060	6 433	1 617	529	52	26	51	15	310	119	6 724	2 030
PETROLEUM PRODUCTS	3 605	923	3 425	887	159	23	15	6	6	-	22	12	1 539	400
OTHER WHOLESALE, NONDURABLE GOODS	16 352	6 474	15 461	5 995	717	410	51	16	93	26	105	78	4 174	1 458
RETAIL TRADE	315 090	373 475	289 431	344 003	20 640	24 539	1 147	1 341	2 249	2 168	4 224	4 484	81 421	96 410
HARDWARE AND BUILDING MATERIAL RETAILING	17 736	7 138	17 116	6 913	450	141	88	30	43	36	93	84	6 981	2 492
GENERAL MERCHANDISE STORES	24 195	61 672	21 330	55 197	2 480	5 759	111	178	182	266	344	683	4 443	12 023
DEPARTMENT STORES	21 369	54 102	18 769	48 246	2 243	5 199	95	158	177	241	328	606	3 713	9 719
FOOD, BAKERY, AND DAIRY STORES	51 366	49 111	47 588	45 931	3 077	2 698	157	164	216	152	758	495	14 959	15 789
MOTOR VEHICLE DEALERS	32 637	6 840	31 132	6 633	1 205	162	77	6	81	23	329	45	10 602	2 056
AUTO AND HOME SUPPLY STORES	8 897	1 900	8 432	1 789	410	107	19	4	33	-	111	31	2 664	558
GASOLINE SERVICE STATIONS	23 631	5 340	21 927	5 132	1 403	180	117	13	90	15	233	38	7 991	2 029
MISCELLANEOUS VEHICLE DEALERS	2 368	598	2 335	596	-	-	17	-	6	2	3	6	1 028	181
APPAREL AND ACCESSORY STORES	11 908	29 684	10 395	26 593	1 242	2 708	46	70	186	186	134	430	1 566	4 920
FURNITURE, HOME FURNISHINGS, AND APPLIANCE STORES	21 156	12 307	19 907	11 660	1 127	562	29	34	47	33	203	94	4 795	2 841
EATING AND DRINKING PLACES	76 503	136 081	67 409	124 349	6 881	9 097	370	701	1 185	1 295	1 550	2 054	15 946	36 517
DRUG STORES	8 328	14 052	7 879	13 163	365	807	10	12	29	8	104	141	1 539	3 608
OTHER RETAIL TRADE	36 365	48 752	33 981	46 047	2 000	2 318	106	129	151	152	362	383	8 907	13 396
FINANCE, INSURANCE, AND REAL ESTATE	74 229	117 702	68 496	104 012	5 048	12 448	174	263	350	428	539	1 311	15 670	26 233
BANKING	14 843	45 375	13 404	39 388	1 320	5 522	29	59	46	150	113	535	2 960	11 922
CREDIT AGENCIES, OTHER THAN BANKS	5 639	13 197	5 315	11 946	289	1 137	-	22	28	31	44	116	997	2 634
SECURITY, COMMODITY BROKERAGE, AND INVESTMENT COMPANIES	3 598	2 329	3 509	2 171	53	132	7	7	29	19	23	8	533	233
INSURANCE	25 761	34 775	23 821	30 135	1 681	4 203	43	89	167	185	132	427	5 594	6 209
REAL ESTATE, INCLUDING REAL ESTATE-INSURANCE-LAW OFFICES	24 388	22 026	22 447	20 372	1 705	1 454	95	86	80	43	227	225	5 586	5 235
BUSINESS AND REPAIR SERVICES	95 426	51 239	85 895	44 976	8 134	5 453	516	209	460	323	1 144	706	23 188	9 294
ADVERTISING	5 032	4 191	4 801	4 022	177	133	-	24	22	4	56	63	740	410
SERVICES TO DWELLINGS AND OTHER BUILDINGS	6 865	5 354	5 485	4 063	1 302	1 184	24	32	24	27	67	121	1 254	873
COMMERCIAL RESEARCH, MANAGEMENT, AND DATA PROCESSING SERVICES	14 589	12 240	13 639	10 867	666	1 114	65	39	179	154	117	139	2 665	2 376
DETECTIVE AND PROTECTIVE SERVICES	8 549	2 241	6 474	1 870	1 901	341	95	4	21	13	131	31	1 442	478
OTHER BUSINESS SERVICES	14 934	20 858	13 732	18 286	968	2 260	67	90	69	117	202	262	2 719	3 649
AUTOMOTIVE REPAIR AND SERVICES	29 794	3 707	26 747	3 308	2 610	345	170	13	139	8	451	71	9 084	771
OTHER REPAIR SERVICES	15 663	2 648	15 017	2 560	510	76	95	7	6	-	120	19	5 284	737

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

TABLE 227. (A) INDUSTRY OF THE EXPERIENCED CIVILIAN LABOR FORCE BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

MICHIGAN

	THE STATE														RURAL	
	TOTAL															
	TOTAL		WHITE		BLACK		AMER. INDIAN, ESKIMO / ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)					
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
PERSONAL SERVICES	29 333	77 254	25 104	63 995	3 831	12 025	91	462	139	392	436	1 060	7 515	22 160		
PRIVATE HOUSEHOLDS	1 801	20 269	1 484	15 432	264	4 508	32	156	5	58	32	298	507	5 867		
HOTELS AND LODGING PLACES	10 941	20 791	9 366	17 572	1 379	2 898	47	131	80	95	179	295	3 704	6 815		
LAUNDRY, CLEANING, AND GARMENT SERVICES	6 499	11 355	5 232	8 165	1 194	2 888	12	85	42	122	74	204	1 091	2 044		
BARBER AND BEAUTY SHOPS	5 461	19 733	4 899	18 075	520	1 423	-	76	5	89	86	206	1 348	6 357		
OTHER PERSONAL SERVICES	4 631	5 106	4 123	4 751	474	308	-	14	7	28	65	57	865	1 077		
ENTERTAINMENT AND RECREATION SERVICES	22 160	17 216	19 482	15 808	2 367	1 209	138	66	92	54	307	225	4 587	3 726		
THEATERS AND MOTION PICTURES	6 187	3 743	5 465	3 461	638	235	33	10	33	19	92	64	804	527		
OTHER ENTERTAINMENT AND RECREATION SERVICES	15 973	13 473	14 017	12 347	1 729	974	105	56	59	35	215	161	3 783	3 199		
PROFESSIONAL AND RELATED SERVICES	274 103	564 346	240 839	476 953	25 786	77 002	801	1 871	5 336	5 675	3 513	7 105	63 215	141 424		
HEALTH SERVICES	70 314	250 624	57 869	205 749	9 088	38 991	203	911	2 795	3 864	1 182	2 988	13 834	61 342		
OFFICES OF HEALTH PRACTITIONERS	16 674	41 511	14 922	38 916	643	2 015	16	76	1 033	377	298	394	3 281	9 899		
HOSPITALS	41 761	150 577	33 204	119 364	6 598	27 073	148	504	1 582	3 012	714	1 774	7 658	34 332		
NURSING AND PERSONAL CARE FACILITIES	5 637	42 352	4 354	34 039	1 241	7 498	16	247	15	320	37	592	1 691	13 907		
HEALTH SERVICES, N.E.C.	6 242	16 184	5 389	13 430	606	2 405	23	84	165	155	133	228	1 204	3 204		
LEGAL SERVICES	11 781	12 490	11 306	11 799	442	599	1	43	25	26	80	49	1 598	2 272		
EDUCATIONAL SERVICES	133 414	236 443	119 226	204 256	11 440	28 776	392	696	1 600	1 447	1 629	3 041	35 556	63 483		
ELEMENTARY AND SECONDARY SCHOOLS	83 023	175 869	74 125	150 992	8 076	22 903	233	499	228	632	817	1 993	26 275	52 345		
GOVERNMENT	71 123	144 460	63 237	123 097	7 172	19 793	216	445	178	470	681	1 566	22 813	43 610		
COLLEGES AND UNIVERSITIES	47 308	51 288	42 483	44 993	2 981	4 995	134	169	1 330	755	766	928	8 728	8 900		
GOVERNMENT	34 136	33 218	31 059	29 484	1 762	2 896	94	113	975	503	540	534	5 726	5 278		
LIBRARIES	1 112	5 218	928	4 646	149	519	10	16	16	29	24	52	140	1 304		
OTHER EDUCATIONAL SERVICES	1 971	4 068	1 690	3 625	234	359	15	12	26	31	22	68	413	934		
SOCIAL SERVICES	9 239	30 146	7 213	23 616	1 794	6 002	65	145	89	135	141	586	1 953	7 264		
CHILD DAY CARE SERVICES	729	10 084	492	7 824	221	2 112	-	42	2	40	16	180	101	2 157		
RESIDENTIAL CARE FACILITIES, WITHOUT NURSING	1 718	4 134	1 278	3 244	400	820	19	37	6	11	25	33	489	1 346		
OTHER SOCIAL SERVICES	6 792	15 928	5 443	12 548	1 173	3 070	46	66	81	84	100	373	1 363	3 761		
MUSEUMS, ART GALLERIES, AND ZOOS	851	1 217	733	1 031	90	173	-	2	22	-	6	17	100	164		
RELIGIOUS ORGANIZATIONS	13 799	11 146	12 714	10 371	952	674	37	22	71	24	108	146	3 964	2 521		
ENGINEERING, ARCHITECTURAL, AND SURVEYING SERVICES	17 295	3 692	16 030	3 336	547	265	50	12	611	64	176	65	3 366	642		
ACCOUNTING, AUDITING, AND BOOKKEEPING SERVICES	8 117	7 809	7 751	7 439	283	284	18	-	59	61	47	33	1 153	1 833		
NONCOMMERCIAL EDUCATIONAL AND SCIENTIFIC RESEARCH	651	944	565	815	50	103	-	9	36	8	5	26	137	184		
MISCELLANEOUS PROFESSIONAL AND RELATED SERVICES	8 642	9 835	7 432	8 541	1 100	1 135	35	31	28	46	139	154	1 554	1 719		
PUBLIC ADMINISTRATION	94 923	76 881	80 099	57 384	12 997	17 897	759	681	448	269	1 413	1 363	24 121	18 558		
EXECUTIVE AND LEGISLATIVE OFFICES	2 058	3 330	1 800	2 766	185	428	48	90	18	8	7	38	524	1 160		
GENERAL GOVERNMENT, N.E.C.	24 146	25 179	19 134	19 121	4 313	5 397	309	250	161	133	530	486	5 744	6 239		
LOCAL GOVERNMENT	14 579	14 348	11 327	11 049	2 948	3 039	136	93	69	40	252	252	3 071	3 566		
JUSTICE, PUBLIC ORDER, AND SAFETY	38 691	13 924	33 795	10 885	4 434	2 856	207	91	95	26	453	166	9 409	3 008		
LOCAL GOVERNMENT	29 890	10 739	25 804	8 296	3 765	2 321	135	51	61	11	377	140	5 762	2 296		
PUBLIC FINANCE, TAXATION, AND MONETARY POLICY	4 140	5 362	3 649	3 628	456	1 656	2	10	20	-	36	130	940	1 181		
ADMINISTRATION OF HUMAN RESOURCES PROGRAMS	7 231	17 534	5 617	11 964	1 443	5 259	56	138	42	60	132	302	1 747	4 094		
ADMINISTRATION OF ENVIRONMENTAL QUALITY AND HOUSING PROGRAMS	5 385	2 253	4 685	1 842	591	363	36	33	14	6	93	49	2 037	620		
ADMINISTRATION OF ECONOMIC PROGRAMS	6 932	5 854	5 753	4 536	1 008	1 165	54	63	58	21	79	140	1 955	1 665		
NATIONAL SECURITY AND INTERNATIONAL AFFAIRS	6 340	3 445	5 666	2 642	567	773	47	6	40	15	83	52	1 765	591		
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY INDUSTRY	7 135	12 692	3 838	8 374	3 131	3 940	33	102	33	94	209	307	1 336	2 888		
LAST JOB ARMED FORCES	1 931	237	1 473	149	426	88	10	-	2	-	47	-	646	65		
LAST WORKED 1974 OR EARLIER	5 204	12 455	2 365	8 225	2 705	3 852	23	102	31	94	162	307	690	2 823		

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

TABLE 227. (B) INDUSTRY OF THE EXPERIENCED CIVILIAN LABOR FORCE BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

ANN ARBOR, MI SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
EXPERIENCED CIVILIAN LABOR FORCE 16 YEARS AND OVER	75 844	61 734	67 496	54 148	6 204	6 114	254	142	1 553	1 020	906	835
AGRICULTURE, FORESTRY, AND FISHERIES	1 293	333	1 269	333	12	-	-	-	6	-	12	-
AGRICULTURAL PRODUCTION	976	234	964	234	-	-	-	-	6	-	12	-
AGRICULTURAL SERVICES, INCLUDING HORTICULTURAL	298	84	286	84	12	-	-	-	-	-	-	-
FORESTRY AND FISHERIES	19	15	19	15	-	-	-	-	-	-	-	-
MINING	99	28	93	28	6	-	-	-	-	-	-	-
METAL MINING	11	12	11	12	-	-	-	-	-	-	-	-
COAL MINING	-	-	-	-	-	-	-	-	-	-	-	-
CRUDE PETROLEUM AND NATURAL GAS EXTRACTION	17	-	17	-	-	-	-	-	-	-	-	-
NONMETALLIC MINING AND QUARRYING, EXCEPT FUEL	71	16	65	16	6	-	-	-	-	-	-	-
CONSTRUCTION	5 056	414	4 547	392	350	19	39	-	113	3	53	-
MANUFACTURING	23 243	8 751	20 394	7 377	2 404	1 210	64	19	305	101	246	89
NONDURABLE GOODS	3 091	2 314	2 815	2 158	169	129	12	2	73	19	44	17
MEAT PRODUCTS	12	6	12	6	-	-	-	-	-	-	-	-
DAIRY PRODUCTS	58	12	58	6	-	6	-	-	-	-	-	-
CANNED AND PRESERVED FRUITS AND VEGETABLES	-	6	-	6	-	-	-	-	-	-	-	-
BAKERY PRODUCTS	53	46	48	46	5	-	-	-	-	-	-	-
BEVERAGE INDUSTRIES	54	5	26	5	12	-	-	-	8	-	8	-
OTHER FOOD INDUSTRIES	175	44	167	42	8	2	-	-	-	-	-	-
TOBACCO MANUFACTURES	-	-	-	-	-	-	-	-	-	-	-	-
KNITTING MILLS	-	-	-	-	-	-	-	-	-	-	-	-
YARN, THREAD, AND FABRIC MILLS	12	5	12	5	-	-	-	-	-	-	-	-
OTHER TEXTILE MILL PRODUCTS	19	-	19	-	-	-	-	-	-	-	-	-
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	40	17	36	17	4	-	-	-	-	-	-	-
PAPER AND ALLIED PRODUCTS	160	49	134	41	19	8	-	-	7	-	-	-
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	1 541	1 451	1 436	1 347	59	87	12	2	20	10	30	10
NEWSPAPER PUBLISHING AND PRINTING	509	278	489	266	20	12	-	-	-	-	-	5
CHEMICALS AND ALLIED PRODUCTS	514	276	453	258	49	14	-	-	12	4	-	-
PLASTICS, SYNTHETICS, AND RESINS	88	38	82	38	6	-	-	-	-	-	-	-
DRUGS	202	167	175	157	15	6	-	-	12	4	-	-
PETROLEUM AND COAL PRODUCTS	24	5	24	5	-	-	-	-	-	-	-	-
PETROLEUM REFINING	24	5	24	5	-	-	-	-	-	-	-	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS	413	374	374	356	13	12	-	-	26	5	6	1
FOOTWEAR, EXCEPT RUBBER AND PLASTIC	-	12	-	12	-	-	-	-	-	-	-	-
LEATHER AND LEATHER PRODUCTS, EXCEPT FOOTWEAR	16	6	16	6	-	-	-	-	-	-	-	6
DURABLE GOODS	20 052	6 415	17 487	5 203	2 227	1 081	52	17	232	82	202	72
LOGGING	7	-	7	-	-	-	-	-	-	-	-	-
SAWMILLS, PLANING MILLS, AND MILLWORK	17	-	17	-	-	-	-	-	-	-	-	-
WOOD BUILDINGS, MOBILE HOMES, AND MISCELLANEOUS WOOD PRODUCTS	59	25	54	25	-	-	-	-	-	-	9	-
FURNITURE AND FIXTURES	95	32	95	32	-	-	-	-	-	-	-	-
STONE, CLAY, GLASS, AND CONCRETE PRODUCTS	254	124	237	113	17	-	-	6	-	5	-	-
GLASS AND GLASS PRODUCTS	86	37	69	31	17	-	-	6	-	-	-	-
CEMENT, CONCRETE, GYPSUM, AND PLASTER PRODUCTS	89	32	89	27	-	-	-	-	-	5	-	-
PRIMARY METAL INDUSTRIES	504	73	452	46	41	27	-	-	11	-	13	-
BLAST FURNACES, STEELWORKS, ROLLING AND FINISHING MILLS	204	25	194	13	10	12	-	-	-	-	7	-
IRON AND STEEL FOUNDRIES	75	-	50	-	25	-	-	-	-	-	-	-
PRIMARY NONFERROUS INDUSTRIES	225	48	208	33	6	15	-	-	11	-	6	-
FABRICATED METAL INDUSTRIES	1 057	372	963	361	81	11	6	-	7	-	-	-
CUTLERY, HANDTOOLS, AND OTHER HARDWARE	35	32	29	32	6	-	-	-	-	-	-	-
FABRICATED STRUCTURAL METAL PRODUCTS	156	17	140	17	16	-	-	-	-	-	-	-
METAL FORGINGS AND STAMPINGS	202	102	184	96	18	6	-	-	-	-	-	-
MACHINERY, EXCEPT ELECTRICAL	3 223	1 153	3 051	1 053	121	94	-	-	48	6	53	13
FARM MACHINERY AND EQUIPMENT	114	24	114	24	-	-	-	-	-	-	-	-
CONSTRUCTION AND MATERIAL HANDLING MACHINES	49	13	49	13	-	-	-	-	-	-	-	-
METALWORKING MACHINERY	858	125	827	91	31	28	-	-	-	6	13	-
OFFICE, ACCOUNTING, AND COMPUTING MACHINES	891	580	811	532	39	48	-	-	41	-	23	7
OTHER MACHINERY, EXCEPT ELECTRICAL	1 311	411	1 250	393	51	18	-	-	7	-	17	6
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	714	332	662	314	46	10	-	-	6	8	6	-
HOUSEHOLD APPLIANCES	25	12	25	12	-	-	-	-	-	-	-	-
RADIO, TV, AND COMMUNICATION EQUIPMENT	170	87	170	77	-	10	-	-	-	-	-	-
OTHER ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	519	233	467	225	46	-	-	-	6	8	6	-

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

TABLE 227. (B) INDUSTRY OF THE EXPERIENCED CIVILIAN LABOR FORCE BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

ANN ARBOR, MI SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TRANSPORTATION EQUIPMENT	13 450	3 944	11 337	2 906	1 883	932	46	11	138	63	112	59
MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT	13 254	3 912	11 155	2 874	1 883	932	46	11	124	63	112	59
AIRCRAFT, SPACE VEHICLES, AND PARTS	139	22	125	22	-	-	-	-	14	-	-	-
SHIP AND BOAT BUILDING AND REPAIRING	-	3	-	3	-	-	-	-	-	-	-	-
OTHER TRANSPORTATION EQUIPMENT	57	7	57	7	-	-	-	-	-	-	-	-
PROFESSIONAL AND PHOTOGRAPHIC EQUIPMENT AND WATCHES	468	271	419	264	32	7	-	-	17	-	9	-
MISCELLANEOUS MANUFACTURING INDUSTRIES	204	89	193	89	6	-	-	-	5	-	-	-
NOT SPECIFIED MANUFACTURING INDUSTRIES	100	22	92	16	8	-	-	-	-	-	-	-
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	3 780	1 348	3 382	1 188	314	142	16	12	53	6	26	13
TRANSPORTATION	2 381	781	2 174	707	171	62	12	12	15	-	20	6
RAILROADS	99	6	92	6	7	-	-	-	-	-	-	-
BUS SERVICE AND URBAN TRANSIT	223	108	156	94	67	14	-	-	-	-	-	-
TAXICAB SERVICE	108	36	108	28	-	3	-	5	-	-	7	-
TRUCKING SERVICE AND WAREHOUSING	797	103	764	100	33	3	-	-	-	-	-	-
U.S. POSTAL SERVICE	376	186	320	157	44	29	12	-	-	-	-	-
WATER TRANSPORTATION	15	-	12	-	3	-	-	-	-	-	-	-
AIR TRANSPORTATION	730	234	691	221	17	6	-	7	15	-	13	-
OTHER TRANSPORTATION	33	108	31	101	-	7	-	-	-	-	-	6
COMMUNICATIONS	541	430	513	362	22	62	-	-	-	6	-	7
RADIO AND TELEVISION BROADCASTING	201	97	201	84	-	7	-	-	-	6	-	7
TELEPHONE (WIRE AND RADIO)	284	326	273	271	5	55	-	-	-	-	-	-
TELEGRAPH AND MISCELLANEOUS COMMUNICATION SERVICES	56	7	39	7	17	-	-	-	-	-	-	-
UTILITIES AND SANITARY SERVICES	858	137	695	119	121	18	4	-	38	-	6	-
ELECTRIC AND GAS UTILITIES	562	94	471	83	49	11	4	-	38	-	6	-
WATER SUPPLY, SANITARY SERVICES, AND OTHER UTILITIES	296	43	224	36	72	7	-	-	-	-	-	-
WHOLESALE TRADE	1 658	624	1 602	584	31	31	7	-	18	-	15	11
DURABLE GOODS	954	310	928	294	26	7	-	-	-	-	6	9
MOTOR VEHICLES AND EQUIPMENT	169	64	165	57	4	7	-	-	-	-	6	-
LUMBER AND CONSTRUCTION MATERIALS	47	41	47	41	-	-	-	-	-	-	-	-
ELECTRICAL GOODS	83	8	77	8	6	-	-	-	-	-	-	-
HARDWARE, PLUMBING AND HEATING SUPPLIES	107	44	107	44	-	-	-	-	-	-	-	-
MACHINERY, EQUIPMENT, AND SUPPLIES	359	138	353	129	6	-	-	-	-	-	-	9
OTHER WHOLESALE, DURABLE GOODS	189	15	179	15	10	-	-	-	-	-	-	-
NONDURABLE GOODS	704	314	674	290	5	24	7	-	18	-	9	2
DRUGS, CHEMICALS, AND ALLIED PRODUCTS	53	9	41	9	-	-	-	-	12	-	3	-
GROCERIES AND FARM PRODUCTS	229	132	229	126	-	6	-	-	-	-	6	2
PETROLEUM PRODUCTS	99	4	99	4	-	-	-	-	-	-	-	-
OTHER WHOLESALE, NONDURABLE GOODS	323	169	305	151	5	18	7	-	6	-	-	-
RETAIL TRADE	9 419	10 365	8 597	9 446	593	653	27	21	179	204	69	148
HARDWARE AND BUILDING MATERIAL RETAILING	456	158	447	154	9	4	-	-	-	-	4	-
GENERAL MERCHANDISE STORES	604	1 389	489	1 221	106	127	-	7	9	22	12	28
DEPARTMENT STORES	529	1 279	419	1 136	106	109	-	7	4	15	12	28
FOOD, BAKERY, AND DAIRY STORES	1 071	1 111	992	1 015	45	78	-	2	26	11	-	29
MOTOR VEHICLE DEALERS	824	163	802	156	16	7	-	-	6	-	-	-
AUTO AND HOME SUPPLY STORES	224	46	217	46	2	-	-	-	5	-	-	-
GASOLINE SERVICE STATIONS	674	131	650	127	3	4	14	-	7	-	2	-
MISCELLANEOUS VEHICLE DEALERS	27	16	21	16	-	-	-	-	6	-	-	-
APPAREL AND ACCESSORY STORES	428	939	408	855	14	78	-	-	-	6	10	20
FURNITURE, HOME FURNISHINGS, AND APPLIANCE STORES	619	307	596	263	23	38	-	-	-	-	-	6
EATING AND DRINKING PLACES	2 942	4 340	2 502	3 918	321	245	13	6	97	157	37	55
DRUG STORES	268	385	264	362	4	19	-	-	-	-	-	10
OTHER RETAIL TRADE	1 282	1 380	1 209	1 313	50	53	-	6	23	8	4	-
FINANCE, INSURANCE, AND REAL ESTATE	2 327	2 925	2 162	2 694	151	198	-	4	14	8	24	51
BANKING	395	1 204	364	1 089	31	84	-	4	-	6	-	38
CREDIT AGENCIES, OTHER THAN BANKS	87	236	85	225	-	11	-	-	2	-	7	-
SECURITY, COMMODITY BROKERAGE, AND INVESTMENT COMPANIES	113	63	113	63	-	-	-	-	-	-	-	-
INSURANCE	627	558	586	529	29	29	-	-	12	-	-	6
REAL ESTATE, INCLUDING REAL ESTATE-INSURANCE-LAW OFFICES	1 105	864	1 014	788	91	74	-	-	-	2	17	7
BUSINESS AND REPAIR SERVICES	4 114	2 315	3 800	2 115	233	169	14	-	53	25	48	32
ADVERTISING	93	83	93	83	-	-	-	-	-	-	-	-
SERVICES TO DWELLINGS AND OTHER BUILDINGS	283	198	235	141	48	57	-	-	-	-	-	6
COMMERCIAL RESEARCH, MANAGEMENT, AND DATA PROCESSING SERVICES	1 999	1 033	1 873	958	83	58	-	-	43	17	14	7
DETECTIVE AND PROTECTIVE SERVICES	342	137	300	131	28	6	-	-	-	-	22	-
OTHER BUSINESS SERVICES	454	696	409	641	37	41	8	-	-	8	-	17
AUTOMOTIVE REPAIR AND SERVICES	611	99	566	92	31	7	4	-	10	-	10	-
OTHER REPAIR SERVICES	332	69	324	69	6	-	2	-	-	-	2	2

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

TABLE 227. (B) INDUSTRY OF THE EXPERIENCED CIVILIAN LABOR FORCE BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

ANN ARBOR, MI SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
PERSONAL SERVICES	806	2 102	698	1 746	91	298	-	17	17	37	9	17
PRIVATE HOUSEHOLDS	76	607	62	458	14	132	-	8	-	5	-	13
HOTELS AND LODGING PLACES	372	638	327	496	35	114	-	7	10	21	9	-
LAUNDRY, CLEANING, AND GARMENT SERVICES	193	246	144	218	42	22	-	-	7	6	-	4
BARBER AND BEAUTY SHOPS	101	478	101	447	-	24	-	2	-	5	-	-
OTHER PERSONAL SERVICES	64	133	64	127	-	6	-	-	-	-	-	-
ENTERTAINMENT AND RECREATION SERVICES	858	518	746	484	84	21	15	-	13	13	-	5
THEATERS AND MOTION PICTURES	416	150	350	137	44	13	9	-	13	-	-	5
OTHER ENTERTAINMENT AND RECREATION SERVICES	442	368	396	347	40	8	6	-	-	13	-	-
PROFESSIONAL AND RELATED SERVICES	20 604	30 113	17 970	26 235	1 637	3 038	70	58	743	602	379	454
HEALTH SERVICES	4 698	10 871	3 980	9 203	504	1 354	11	18	139	260	118	173
OFFICES OF HEALTH PRACTITIONERS	704	1 252	642	1 181	37	38	-	2	19	25	17	27
HOSPITALS	3 499	7 880	2 935	6 525	398	1 117	11	16	108	192	78	121
NURSING AND PERSONAL CARE FACILITIES	160	959	118	785	42	140	-	-	-	34	-	16
HEALTH SERVICES, N.E.C.	335	780	285	712	27	59	-	-	12	9	23	9
LEGAL SERVICES	502	434	487	412	15	22	-	-	-	-	7	-
EDUCATIONAL SERVICES	12 702	15 881	11 157	13 986	900	1 410	47	40	478	310	240	266
ELEMENTARY AND SECONDARY SCHOOLS	2 544	5 183	2 159	4 634	343	487	24	10	7	30	27	31
GOVERNMENT	2 209	4 505	1 853	4 047	314	434	24	-	7	16	19	25
COLLEGES AND UNIVERSITIES	9 993	10 149	8 840	8 853	557	879	23	24	464	280	207	229
GOVERNMENT	8 222	7 879	7 365	6 961	377	608	23	5	370	213	161	179
LIBRARIES	70	324	70	294	-	30	-	-	-	-	-	-
OTHER EDUCATIONAL SERVICES	95	225	88	205	-	14	-	6	7	-	6	6
SOCIAL SERVICES	346	1 434	246	1 249	87	185	-	-	13	-	-	-
CHILD DAY CARE SERVICES	26	517	21	450	5	67	-	-	-	-	-	-
RESIDENTIAL CARE FACILITIES, WITHOUT NURSING	65	162	39	141	26	21	-	-	-	-	-	-
OTHER SOCIAL SERVICES	255	755	186	658	56	97	-	-	13	-	-	-
MUSEUMS, ART GALLERIES, AND ZOOS	39	81	34	81	-	-	-	-	5	-	-	-
RELIGIOUS ORGANIZATIONS	510	328	444	317	46	11	12	-	8	-	-	6
ENGINEERING, ARCHITECTURAL, AND SURVEYING SERVICES	961	291	860	265	25	5	-	-	76	21	9	-
ACCOUNTING, AUDITING, AND BOOKKEEPING SERVICES	195	172	171	165	14	-	-	-	10	7	-	-
NONCOMMERCIAL EDUCATIONAL AND SCIENTIFIC RESEARCH	188	167	164	130	19	28	-	-	5	-	5	9
MISCELLANEOUS PROFESSIONAL AND RELATED SERVICES	463	454	427	427	27	23	-	-	9	4	-	-
PUBLIC ADMINISTRATION	2 495	1 717	2 165	1 377	279	309	-	11	39	15	25	15
EXECUTIVE AND LEGISLATIVE OFFICES	32	78	25	67	7	11	-	-	-	-	-	-
GENERAL GOVERNMENT, N.E.C.	580	507	490	388	84	109	-	-	6	5	-	15
LOCAL GOVERNMENT	337	342	295	288	42	49	-	-	-	-	-	5
JUSTICE, PUBLIC ORDER, AND SAFETY	939	371	813	299	117	55	-	11	9	6	7	-
LOCAL GOVERNMENT	669	227	576	186	84	41	-	-	9	-	7	-
PUBLIC FINANCE, TAXATION, AND MONETARY POLICY	60	49	55	44	-	5	-	-	5	-	-	-
ADMINISTRATION OF HUMAN RESOURCES PROGRAMS	149	370	99	274	38	96	-	-	-	-	18	-
ADMINISTRATION OF ENVIRONMENTAL QUALITY AND HOUSING PROGRAMS	428	161	389	147	25	14	-	-	14	-	-	-
ADMINISTRATION OF ECONOMIC PROGRAMS	216	133	208	114	8	19	-	-	-	-	-	-
NATIONAL SECURITY AND INTERNATIONAL AFFAIRS	91	48	86	44	-	-	-	-	5	4	-	-
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY INDUSTRY	92	181	71	149	19	26	2	-	-	6	-	-
LAST JOB ARMED FORCES	21	-	19	-	-	-	2	-	-	-	-	-
LAST WORKED 1974 OR EARLIER	71	181	52	149	19	26	-	-	-	6	-	-

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

TABLE 227. (B) INDUSTRY OF THE EXPERIENCED CIVILIAN LABOR FORCE BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

DETROIT, MI SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
EXPERIENCED CIVILIAN LABOR FORCE 16 YEARS AND OVER	1 175 859	820 383	979 399	646 113	177 390	161 762	3 817	2 212	9 398	6 924	16 857	10 782
AGRICULTURE, FORESTRY, AND FISHERIES	9 216	3 314	8 375	3 158	678	120	33	2	48	22	191	48
AGRICULTURAL PRODUCTION	4 992	1 505	4 621	1 428	262	48	12	2	29	17	154	39
AGRICULTURAL SERVICES, INCLUDING HORTICULTURAL	3 990	1 740	3 551	1 661	385	72	21	-	19	5	35	9
FORESTRY AND FISHERIES	234	69	203	69	31	-	-	-	-	-	2	-
MINING	1 311	197	1 207	173	62	24	23	-	-	-	34	-
METAL MINING	55	2	50	2	-	-	5	-	-	-	-	-
COAL MINING	61	17	44	17	7	-	10	-	-	-	-	-
CRUDE PETROLEUM AND NATURAL GAS EXTRACTION	467	105	421	88	38	17	8	-	-	-	-	-
NONMETALLIC MINING AND QUARRYING, EXCEPT FUEL	728	73	692	66	17	7	-	-	-	-	34	-
CONSTRUCTION	76 990	7 380	68 119	6 493	8 051	816	337	27	192	24	792	62
MANUFACTURING	516 728	140 309	421 477	108 591	87 462	29 451	1 761	476	2 961	910	8 260	2 543
NONDURABLE GOODS	57 573	31 815	49 092	26 357	7 733	4 881	126	93	353	218	854	700
MEAT PRODUCTS	2 857	922	1 886	691	927	208	-	6	14	-	103	30
DAIRY PRODUCTS	1 786	264	1 442	234	325	25	-	-	4	-	24	5
CANNED AND PRESERVED FRUITS AND VEGETABLES	656	598	501	525	149	49	-	5	6	2	19	34
BAKERY PRODUCTS	2 140	1 078	1 639	856	462	183	-	7	5	21	51	16
BEVERAGE INDUSTRIES	4 817	1 039	3 660	749	1 063	272	17	14	44	-	51	45
OTHER FOOD INDUSTRIES	1 660	1 090	1 350	777	281	279	6	-	6	-	43	67
TOBACCO MANUFACTURES	48	18	21	18	27	-	-	-	-	-	-	-
KNITTING MILLS	5	33	5	33	-	-	-	-	-	-	-	-
YARN, THREAD, AND FABRIC MILLS	177	228	167	177	10	51	-	-	-	-	6	5
OTHER TEXTILE MILL PRODUCTS	713	288	650	196	63	78	-	14	-	-	5	-
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	1 998	3 809	1 774	2 840	183	884	9	3	13	35	23	121
PAPER AND ALLIED PRODUCTS	3 552	1 337	3 072	1 099	442	213	-	5	27	3	27	24
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	14 142	8 821	12 938	7 955	1 153	817	30	17	21	19	57	125
NEWSPAPER PUBLISHING AND PRINTING	6 097	3 247	5 433	2 950	634	270	15	12	15	5	9	22
CHEMICALS AND ALLIED PRODUCTS	14 487	6 281	12 714	5 171	1 506	955	27	13	171	93	300	96
PLASTICS, SYNTHETICS, AND RESINS	1 776	1 790	1 665	1 532	69	207	5	-	15	32	61	13
DRUGS	2 216	1 578	1 908	1 207	252	340	-	-	56	18	12	18
PETROLEUM AND COAL PRODUCTS	1 171	206	1 025	179	118	27	9	-	-	-	24	-
PETROLEUM REFINING	802	117	730	102	44	15	9	-	-	-	24	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS	7 137	5 610	6 071	4 703	986	801	25	9	42	45	106	132
FOOTWEAR, EXCEPT RUBBER AND PLASTIC	91	29	71	22	20	7	-	-	-	-	-	-
LEATHER AND LEATHER PRODUCTS, EXCEPT FOOTWEAR	136	164	106	132	18	32	3	-	-	-	15	-
DURABLE GOODS	456 865	107 556	370 745	81 500	79 153	24 411	1 614	383	2 579	675	7 341	1 788
LOGGING	56	8	56	8	-	-	-	-	-	-	-	-
SAWMILLS, PLANING MILLS, AND MILLWORK	1 078	288	1 004	259	72	23	-	6	-	-	2	4
WOOD BUILDINGS, MOBILE HOMES, AND MISCELLANEOUS WOOD PRODUCTS	924	379	836	333	79	43	-	-	5	-	6	3
FURNITURE AND FIXTURES	2 248	760	1 879	605	357	132	-	7	6	8	24	15
STONE, CLAY, GLASS, AND CONCRETE PRODUCTS	9 113	2 894	7 168	2 490	1 822	356	16	12	43	19	196	43
GLASS AND GLASS PRODUCTS	4 863	1 309	3 524	1 087	1 271	202	6	8	20	-	96	19
CEMENT, CONCRETE, GYPSUM, AND PLASTER PRODUCTS	2 400	321	2 004	299	369	18	10	4	7	-	70	4
PRIMARY METAL INDUSTRIES	34 188	5 016	27 702	3 898	5 771	1 071	207	32	83	4	1 079	48
BLAST FURNACES, STEELWORKS, ROLLING AND FINISHING MILLS	22 659	2 939	18 756	2 169	3 443	735	149	26	30	4	771	42
IRON AND STEEL FOUNDRIES	5 249	586	3 571	437	1 535	137	37	6	23	-	156	6
PRIMARY NONFERROUS INDUSTRIES	6 280	1 491	5 375	1 292	793	199	21	-	30	-	152	-
FABRICATED METAL INDUSTRIES	34 187	9 896	30 202	8 723	3 512	1 023	145	37	154	53	467	194
CUTLERY, HANDTOOLS, AND OTHER HARDWARE	1 830	658	1 695	577	68	63	8	7	39	7	42	4
FABRICATED STRUCTURAL METAL PRODUCTS	7 701	1 446	6 988	1 327	573	109	70	5	31	5	135	7
METAL FORGINGS AND STAMPINGS	12 614	3 391	10 543	2 823	1 941	533	33	7	31	22	160	76
MACHINERY, EXCEPT ELECTRICAL	77 497	16 304	71 931	14 228	4 517	1 887	277	29	569	112	745	185
FARM MACHINERY AND EQUIPMENT	4 184	631	3 748	551	358	80	19	-	37	-	65	5
CONSTRUCTION AND MATERIAL HANDLING MACHINES	3 074	637	2 804	612	204	25	18	-	40	-	43	-
METALWORKING MACHINERY	35 804	6 310	34 007	5 576	1 439	674	95	7	179	45	254	70
OFFICE, ACCOUNTING, AND COMPUTING MACHINES	6 078	2 814	5 452	2 429	436	362	-	3	165	20	35	32
OTHER MACHINERY, EXCEPT ELECTRICAL	28 357	5 912	25 920	5 060	2 080	746	145	19	148	47	348	78
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	7 815	4 438	7 161	3 814	555	533	35	21	55	48	61	53
HOUSEHOLD APPLIANCES	341	225	283	180	46	23	-	9	12	13	5	6
RADIO, TV, AND COMMUNICATION EQUIPMENT	1 358	707	1 207	534	128	152	2	4	21	6	17	22
OTHER ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	6 116	3 506	5 671	3 100	381	358	33	8	22	29	39	25

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

TABLE 227. (B) INDUSTRY OF THE EXPERIENCED CIVILIAN LABOR FORCE BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

DETROIT, MI SMSA	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TRANSPORTATION EQUIPMENT	280 534	62 356	214 469	42 686	61 678	18 681	914	203	1 622	396	4 651	1 179
MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT	271 283	59 968	206 370	40 815	60 632	18 233	893	172	1 564	379	4 549	1 131
AIRCRAFT, SPACE VEHICLES, AND PARTS	2 876	746	2 720	643	145	72	-	31	11	-	16	21
SHIP AND BOAT BUILDING AND REPAIRING	847	261	688	243	141	7	7	-	6	5	19	6
OTHER TRANSPORTATION EQUIPMENT	5 528	1 381	4 691	985	760	369	14	-	41	12	67	21
PROFESSIONAL AND PHOTOGRAPHIC EQUIPMENT AND WATCHES	3 158	1 789	2 891	1 550	212	205	20	5	30	17	27	29
MISCELLANEOUS MANUFACTURING INDUSTRIES	6 067	3 428	5 446	2 906	578	457	-	31	12	18	83	35
NOT SPECIFIED MANUFACTURING INDUSTRIES	2 290	938	1 640	734	576	159	21	-	29	17	65	55
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	83 746	35 833	68 813	24 608	13 828	10 871	331	126	369	100	1 154	465
TRANSPORTATION	51 047	17 267	41 721	12 421	8 682	4 707	209	60	123	36	807	235
RAILROADS	7 314	1 134	6 467	998	635	116	41	-	28	5	195	37
BUS SERVICE AND URBAN TRANSIT	3 190	1 390	1 548	776	1 586	607	28	7	11	-	43	-
TAXICAB SERVICE	1 663	326	735	142	903	184	-	-	13	-	27	9
TRUCKING SERVICE AND WAREHOUSING	24 706	3 886	22 326	3 474	2 158	383	116	19	16	6	373	47
U.S. POSTAL SERVICE	7 970	5 747	5 175	2 750	2 750	2 955	9	20	8	3	102	58
WATER TRANSPORTATION	953	132	811	120	118	7	15	-	9	-	-	5
AIR TRANSPORTATION	3 881	2 215	3 394	1 841	452	354	-	6	25	14	48	41
OTHER TRANSPORTATION	1 370	2 437	1 265	2 320	80	101	-	8	13	8	19	38
COMMUNICATIONS	12 103	13 831	10 405	9 077	1 562	4 606	44	36	66	46	108	189
RADIO AND TELEVISION BROADCASTING	1 653	1 058	1 361	737	274	303	13	-	5	7	-	24
TELEPHONE (WIRE AND RADIO)	10 086	12 630	8 771	8 246	1 203	4 254	31	36	55	39	100	165
TELEGRAPH AND MISCELLANEOUS COMMUNICATION SERVICES	364	143	273	94	85	49	-	-	6	-	8	-
UTILITIES AND SANITARY SERVICES	20 596	4 735	16 687	3 110	3 584	1 558	78	30	180	18	239	41
ELECTRIC AND GAS UTILITIES	14 383	3 738	12 524	2 615	1 701	1 070	37	30	85	11	176	26
WATER SUPPLY, SANITARY SERVICES, AND OTHER UTILITIES	6 213	997	4 163	495	1 883	488	41	-	95	7	63	15
WHOLESALE TRADE	55 946	20 885	49 982	18 548	5 278	2 136	190	56	343	78	548	203
DURABLE GOODS	34 943	12 692	31 568	11 374	2 935	1 183	125	43	242	56	351	90
MOTOR VEHICLES AND EQUIPMENT	7 578	2 522	6 897	2 251	593	245	18	6	46	4	98	33
LUMBER AND CONSTRUCTION MATERIALS	1 680	441	1 549	414	110	27	5	-	-	-	24	4
ELECTRICAL GOODS	2 980	1 285	2 786	1 195	167	77	9	6	18	-	27	-
HARDWARE, PLUMBING AND HEATING SUPPLIES	3 281	968	3 028	889	210	79	24	-	19	-	21	-
MACHINERY, EQUIPMENT, AND SUPPLIES	11 421	4 341	10 472	3 827	830	449	19	25	89	27	83	34
OTHER WHOLESALE, DURABLE GOODS	8 003	3 135	6 836	2 798	1 025	306	50	6	70	25	98	19
NONDURABLE GOODS	21 003	8 193	18 414	7 174	2 343	953	65	13	101	22	197	113
DRUGS, CHEMICALS, AND ALLIED PRODUCTS	1 875	1 275	1 743	1 113	132	150	-	-	-	2	13	40
GROCERIES AND FARM PRODUCTS	9 462	3 148	7 880	2 719	1 463	421	26	-	36	-	113	30
PETROLEUM PRODUCTS	1 380	290	1 222	257	147	23	11	6	-	-	17	9
OTHER WHOLESALE, NONDURABLE GOODS	8 286	3 480	7 569	3 085	601	359	28	7	65	20	54	34
RETAIL TRADE	150 389	178 290	131 950	157 604	15 800	18 505	381	446	1 530	1 274	2 284	2 065
HARDWARE AND BUILDING MATERIAL RETAILING	6 670	3 017	6 241	2 897	352	83	44	9	20	28	32	46
GENERAL MERCHANDISE STORES	12 670	33 658	10 718	28 884	1 801	4 402	18	80	107	186	177	337
DEPARTMENT STORES	11 399	30 313	9 647	26 018	1 608	3 956	18	72	107	168	170	298
FOOD, BAKERY, AND DAIRY STORES	23 260	21 458	20 654	19 438	2 275	1 891	56	48	108	50	386	201
MOTOR VEHICLE DEALERS	14 300	3 278	13 269	3 131	909	122	21	6	48	11	190	31
AUTO AND HOME SUPPLY STORES	4 239	982	3 885	881	322	101	7	-	25	-	55	19
GASOLINE SERVICE STATIONS	10 376	2 146	9 070	1 987	1 167	147	16	6	74	6	118	17
MISCELLANEOUS VEHICLE DEALERS	877	277	868	277	-	-	7	-	-	-	-	-
APPAREL AND ACCESSORY STORES	6 708	15 472	5 512	13 091	1 025	2 168	35	26	131	128	75	226
FURNITURE, HOME FURNISHINGS, AND APPLIANCE STORES	10 477	6 100	9 428	5 623	982	446	10	4	37	27	121	50
EATING AND DRINKING PLACES	38 148	61 944	31 820	54 093	5 048	6 691	132	198	865	784	795	878
DRUG STORES	4 805	7 379	4 427	6 635	318	673	-	12	26	8	84	81
OTHER RETAIL TRADE	17 859	22 579	16 058	20 667	1 601	1 781	35	57	89	46	251	179
FINANCE, INSURANCE, AND REAL ESTATE	38 237	63 905	33 645	52 991	4 109	10 220	104	143	262	273	327	714
BANKING	7 353	23 103	6 201	18 391	1 074	4 505	14	26	34	68	79	285
CREDIT AGENCIES, OTHER THAN BANKS	3 394	7 410	3 105	6 447	263	913	-	16	19	7	23	71
SECURITY, COMMODITY BROKERAGE, AND INVESTMENT COMPANIES	2 241	1 489	2 162	1 364	43	112	7	-	29	13	14	1
INSURANCE	13 546	20 468	11 887	16 463	1 459	3 706	35	59	133	157	93	246
REAL ESTATE, INCLUDING REAL ESTATE-INSURANCE-LAW OFFICES	11 703	11 435	10 290	10 326	1 270	984	48	42	47	28	118	111
BUSINESS AND REPAIR SERVICES	51 992	30 500	44 661	25 557	6 592	4 547	200	81	332	219	656	370
ADVERTISING	3 365	3 018	3 152	2 878	173	118	-	14	22	4	50	52
SERVICES TO DWELLINGS AND OTHER BUILDINGS	3 493	2 851	2 521	1 939	927	876	19	5	18	10	39	50
COMMERCIAL RESEARCH, MANAGEMENT, AND DATA PROCESSING SERVICES	8 584	7 398	7 894	6 272	503	979	38	22	125	109	76	69
DETECTIVE AND PROTECTIVE SERVICES	5 166	1 328	3 467	990	1 644	319	22	-	10	13	65	24
OTHER BUSINESS SERVICES	9 356	12 418	8 501	10 361	731	1 902	25	40	48	75	128	131
AUTOMOTIVE REPAIR AND SERVICES	14 507	2 057	12 074	1 763	2 195	277	70	-	109	8	226	40
OTHER REPAIR SERVICES	7 521	1 430	7 052	1 354	419	76	26	-	-	-	72	4

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

TABLE 227. (B) INDUSTRY OF THE EXPERIENCED CIVILIAN LABOR FORCE BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

DETROIT, MI SMSA	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
PERSONAL SERVICES	13 884	33 985	10 537	23 965	3 120	9 528	31	134	104	215	251	436
PRIVATE HOUSEHOLDS	675	8 589	461	4 955	200	3 518	9	53	5	45	6	81
HOTELS AND LODGING PLACES	4 534	7 747	3 273	5 504	1 149	2 143	15	12	57	59	98	111
LAUNDRY, CLEANING, AND GARMENT SERVICES	3 380	5 965	2 351	3 334	974	2 473	7	47	35	56	54	107
BARBER AND BEAUTY SHOPS	2 853	9 180	2 422	7 944	416	1 146	-	16	-	38	39	89
OTHER PERSONAL SERVICES	2 442	2 504	2 030	2 228	381	248	-	6	7	17	54	48
ENTERTAINMENT AND RECREATION SERVICES	12 021	9 058	9 950	8 031	1 944	951	50	27	43	25	179	109
THEATERS AND MOTION PICTURES	3 504	2 016	3 002	1 786	469	201	13	10	13	13	52	16
OTHER ENTERTAINMENT AND RECREATION SERVICES	8 517	7 042	6 948	6 245	1 475	750	37	17	30	12	127	93
PROFESSIONAL AND RELATED SERVICES	117 564	253 755	96 111	191 432	17 845	57 228	206	555	2 964	3 627	1 454	3 008
HEALTH SERVICES	35 462	119 983	26 252	86 563	7 049	29 742	31	328	1 953	2 925	643	1 420
OFFICES OF HEALTH PRACTITIONERS	8 612	21 429	7 415	19 416	506	1 630	7	46	658	261	154	258
HOSPITALS	21 289	72 747	15 030	49 714	4 960	20 285	23	187	1 155	2 377	388	760
NURSING AND PERSONAL CARE FACILITIES	2 641	17 448	1 502	11 239	1 121	5 877	1	67	15	178	28	257
HEALTH SERVICES, N.E.C.	2 920	8 359	2 305	6 194	462	1 950	-	28	125	109	73	145
LEGAL SERVICES	7 114	7 209	6 739	6 640	356	512	-	33	19	13	49	30
EDUCATIONAL SERVICES	45 387	96 867	37 865	75 287	6 901	20 624	82	158	362	490	466	1 051
ELEMENTARY AND SECONDARY SCHOOLS	35 057	81 346	29 433	63 044	5 340	17 575	71	127	97	325	318	843
GOVERNMENT	30 185	66 271	25 219	50 408	4 755	15 332	56	104	55	228	259	636
COLLEGES AND UNIVERSITIES	8 791	11 785	7 204	9 114	1 267	2 479	6	25	253	143	118	163
GOVERNMENT	5 456	6 693	4 644	5 247	602	1 327	6	12	174	83	63	80
LIBRARIES	531	2 017	421	1 671	110	334	-	-	-	12	20	30
OTHER EDUCATIONAL SERVICES	1 008	1 719	807	1 458	184	236	5	6	12	10	10	15
SOCIAL SERVICES	3 605	12 260	2 335	7 879	1 178	4 217	18	12	64	89	21	224
CHILD DAY CARE SERVICES	341	4 711	180	3 145	156	1 526	-	7	-	33	-	51
RESIDENTIAL CARE FACILITIES, WITHOUT NURSING	652	1 580	368	944	265	631	13	-	6	5	-	7
OTHER SOCIAL SERVICES	2 612	5 969	1 787	3 790	757	2 060	5	5	58	51	21	166
MUSEUMS, ART GALLERIES, AND ZOOS	578	701	482	555	79	146	-	-	17	-	-	4
RELIGIOUS ORGANIZATIONS	5 136	4 944	4 414	4 328	656	567	10	9	48	9	46	99
ENGINEERING, ARCHITECTURAL, AND SURVEYING SERVICES	10 511	2 077	9 550	1 802	480	236	35	-	412	32	108	45
ACCOUNTING, AUDITING, AND BOOKKEEPING SERVICES	4 771	4 265	4 448	3 969	254	245	14	-	49	31	29	29
NONCOMMERCIAL EDUCATIONAL AND SCIENTIFIC RESEARCH	294	413	254	355	17	45	-	7	23	6	-	5
MISCELLANEOUS PROFESSIONAL AND RELATED SERVICES	4 706	5 036	3 772	4 054	875	894	16	8	17	32	92	101
PUBLIC ADMINISTRATION	43 401	36 015	32 850	21 307	9 964	14 212	159	114	233	93	626	613
EXECUTIVE AND LEGISLATIVE OFFICES	625	972	504	689	100	267	5	-	9	-	7	11
GENERAL GOVERNMENT, N.E.C.	10 789	11 112	7 395	6 924	3 165	4 022	56	44	101	29	235	178
LOCAL GOVERNMENT	7 795	7 324	5 321	4 864	2 336	2 339	43	26	53	17	148	141
JUSTICE, PUBLIC ORDER, AND SAFETY	19 155	6 486	15 459	4 265	3 553	2 156	44	21	45	4	241	106
LOCAL GOVERNMENT	17 214	5 345	13 905	3 504	3 184	1 782	38	15	33	4	228	100
PUBLIC FINANCE, TAXATION, AND MONETARY POLICY	2 200	3 168	1 789	1 548	404	1 552	-	-	7	-	11	99
ADMINISTRATION OF HUMAN RESOURCES PROGRAMS	3 023	9 048	1 865	4 560	1 127	4 359	-	28	19	53	27	118
ADMINISTRATION OF ENVIRONMENTAL QUALITY AND HOUSING PROGRAMS	1 764	800	1 316	550	390	245	15	5	-	-	51	28
ADMINISTRATION OF ECONOMIC PROGRAMS	2 390	2 235	1 561	1 266	783	926	20	16	19	7	30	47
NATIONAL SECURITY AND INTERNATIONAL AFFAIRS	3 455	2 194	2 961	1 505	442	685	19	-	33	-	24	26
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY INDUSTRY	4 434	6 957	1 722	3 655	2 657	3 153	11	25	17	64	101	146
LAST JOB ARMED FORCES	897	143	558	69	334	74	5	-	-	-	22	-
LAST WORKED 1974 OR EARLIER	3 537	6 814	1 164	3 586	2 323	3 079	6	25	17	64	79	146

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

TABLE 227. (B) INDUSTRY OF THE EXPERIENCED CIVILIAN LABOR FORCE BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

FLINT, MI SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
EXPERIENCED CIVILIAN LABOR FORCE 16 YEARS AND OVER	135 938	92 473	117 909	77 176	15 875	14 023	734	555	517	285	1 787	979
AGRICULTURE, FORESTRY, AND FISHERIES	1 641	422	1 584	416	40	6	17	-	-	-	-	-
AGRICULTURAL PRODUCTION	1 232	240	1 214	240	1	-	17	-	-	-	-	-
AGRICULTURAL SERVICES, INCLUDING HORTICULTURAL	383	182	344	176	39	6	-	-	-	-	-	-
FORESTRY AND FISHERIES	26	-	26	-	-	-	-	-	-	-	-	-
MINING	198	23	183	23	8	-	-	-	-	-	7	-
METAL MINING	7	-	7	-	-	-	-	-	-	-	-	-
COAL MINING	-	-	-	-	-	-	-	-	-	-	-	-
CRUDE PETROLEUM AND NATURAL GAS EXTRACTION	60	13	53	13	-	-	-	-	-	-	7	-
NONMETALLIC MINING AND QUARRYING, EXCEPT FUEL	131	10	123	10	8	-	-	-	-	-	-	-
CONSTRUCTION	9 068	646	8 385	594	559	52	58	-	10	-	118	12
MANUFACTURING	70 884	20 962	59 145	15 408	10 616	5 222	354	142	172	106	1 139	244
NONDURABLE GOODS	3 273	1 941	2 972	1 670	274	239	7	11	-	11	24	17
MEAT PRODUCTS	91	69	91	59	-	10	-	-	-	-	-	-
DAIRY PRODUCTS	319	96	255	83	56	7	-	6	-	-	8	-
CANNED AND PRESERVED FRUITS AND VEGETABLES	54	45	23	7	31	38	-	-	-	-	-	-
BAKERY PRODUCTS	45	44	36	44	9	-	-	-	-	-	-	-
BEVERAGE INDUSTRIES	268	76	225	65	31	11	-	-	-	-	16	5
OTHER FOOD INDUSTRIES	77	35	77	29	-	6	-	-	-	-	-	-
TOBACCO MANUFACTURES	19	-	13	-	6	-	-	-	-	-	-	-
KNITTING MILLS	-	4	-	2	-	-	-	-	-	-	-	2
YARN, THREAD, AND FABRIC MILLS	26	20	26	14	-	6	-	-	-	-	-	-
OTHER TEXTILE MILL PRODUCTS	34	37	26	33	8	-	-	-	-	-	-	-
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	99	131	99	84	-	32	-	-	-	11	-	4
PAPER AND ALLIED PRODUCTS	402	205	382	148	20	52	-	5	-	-	-	-
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	896	703	810	670	79	33	7	-	-	-	-	-
NEWSPAPER PUBLISHING AND PRINTING	574	420	525	407	49	13	-	-	-	-	-	-
CHEMICALS AND ALLIED PRODUCTS	642	239	619	213	23	26	-	-	-	-	-	-
PLASTICS, SYNTHETICS, AND RESINS	80	78	71	78	9	-	-	-	-	-	-	-
DRUGS	4	12	4	12	-	-	-	-	-	-	-	-
PETROLEUM AND COAL PRODUCTS	40	2	33	2	7	-	-	-	-	-	-	-
PETROLEUM REFINING	38	-	31	-	7	-	-	-	-	-	-	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS	261	209	257	191	4	18	-	-	-	-	-	6
FOOTWEAR, EXCEPT RUBBER AND PLASTIC	-	17	-	17	-	-	-	-	-	-	-	-
LEATHER AND LEATHER PRODUCTS, EXCEPT FOOTWEAR	-	9	-	9	-	-	-	-	-	-	-	-
DURABLE GOODS	67 413	18 939	56 011	13 662	10 306	4 977	347	131	172	95	1 115	225
LOGGING	30	-	25	-	5	-	-	-	-	-	8	-
SAWMILLS, PLANING MILLS, AND MILLWORK	46	-	46	-	-	-	-	-	-	-	-	-
WOOD BUILDINGS, MOBILE HOMES, AND MISCELLANEOUS WOOD PRODUCTS	40	37	21	37	19	-	-	-	-	-	-	-
FURNITURE AND FIXTURES	177	116	168	110	9	-	-	6	-	-	-	-
STONE, CLAY, GLASS, AND CONCRETE PRODUCTS	867	257	812	252	55	5	-	-	-	-	6	-
GLASS AND GLASS PRODUCTS	190	34	148	34	42	-	-	-	-	-	-	-
CEMENT, CONCRETE, GYPSUM, AND PLASTER PRODUCTS	398	57	385	52	13	5	-	-	-	-	6	-
PRIMARY METAL INDUSTRIES	422	86	370	86	48	-	-	-	-	-	5	6
BLAST FURNACES, STEELWORKS, ROLLING AND FINISHING MILLS	148	15	124	15	20	-	-	-	-	-	5	-
IRON AND STEEL FOUNDRIES	142	45	126	45	16	-	-	-	-	-	-	-
PRIMARY NONFERROUS INDUSTRIES	132	26	120	26	12	-	-	-	-	-	-	6
FABRICATED METAL INDUSTRIES	3 924	1 282	3 264	960	598	291	18	12	6	11	72	13
CUTLERY, HANDTOOLS, AND OTHER HARDWARE	629	335	534	274	82	53	-	-	-	-	13	8
FABRICATED STRUCTURAL METAL PRODUCTS	650	213	569	198	67	9	6	6	-	-	8	-
METAL FORGINGS AND STAMPINGS	2 410	667	1 942	421	433	229	12	6	6	11	51	5
MACHINERY, EXCEPT ELECTRICAL	2 484	439	2 390	416	60	14	10	9	5	-	13	7
FARM MACHINERY AND EQUIPMENT	37	18	37	18	-	-	-	-	-	-	-	-
CONSTRUCTION AND MATERIAL HANDLING MACHINES	474	41	474	41	-	-	-	-	-	-	-	-
METALWORKING MACHINERY	912	177	894	177	10	-	3	-	5	-	3	-
OFFICE, ACCOUNTING, AND COMPUTING MACHINES	79	36	74	22	-	14	5	-	-	-	-	-
OTHER MACHINERY, EXCEPT ELECTRICAL	982	167	911	158	50	-	2	9	-	-	10	7
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	1 301	1 045	1 239	1 008	58	12	-	15	-	10	11	4
HOUSEHOLD APPLIANCES	17	38	17	38	-	-	-	-	-	-	-	-
RADIO, TV, AND COMMUNICATION EQUIPMENT	31	15	31	15	-	-	-	-	-	-	-	-
OTHER ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	1 253	992	1 191	955	58	12	-	15	-	10	11	4

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

TABLE 227. (B) INDUSTRY OF THE EXPERIENCED CIVILIAN LABOR FORCE BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

FLINT, MI SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TRANSPORTATION EQUIPMENT	57 779	15 452	47 400	10 589	9 400	4 639	311	84	161	74	988	190
MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT	57 659	15 393	47 286	10 551	9 394	4 622	311	80	161	74	988	186
AIRCRAFT, SPACE VEHICLES, AND PARTS	6	11	6	-	-	11	-	-	-	-	-	-
SHIP AND BOAT BUILDING AND REPAIRING	67	22	67	18	-	-	-	4	-	-	-	4
OTHER TRANSPORTATION EQUIPMENT	47	26	41	20	6	6	-	-	-	-	-	-
PROFESSIONAL AND PHOTOGRAPHIC EQUIPMENT AND WATCHES	150	79	120	58	17	16	8	5	-	-	-	5
MISCELLANEOUS MANUFACTURING INDUSTRIES	193	146	156	146	37	-	-	-	-	-	12	-
NOT SPECIFIED MANUFACTURING INDUSTRIES	198	82	162	76	36	6	-	-	-	-	-	2
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	6 915	2 518	6 339	2 115	507	363	37	31	4	-	77	15
TRANSPORTATION	4 581	1 257	4 197	1 032	332	198	29	20	2	-	70	13
RAILROADS	1 189	124	1 111	119	57	5	6	-	2	-	13	-
BUS SERVICE AND URBAN TRANSIT	165	158	128	125	37	25	-	8	-	-	-	6
TAXICAB SERVICE	48	31	48	21	-	10	-	-	-	-	-	-
TRUCKING SERVICE AND WAREHOUSING	2 287	194	2 078	194	197	-	6	-	-	-	26	-
U.S. POSTAL SERVICE	663	635	623	458	27	158	11	12	-	-	23	7
WATER TRANSPORTATION	-	-	-	-	-	-	-	-	-	-	-	-
AIR TRANSPORTATION	198	8	183	8	9	-	6	-	-	-	8	-
OTHER TRANSPORTATION	31	107	26	107	5	-	-	-	-	-	-	-
COMMUNICATIONS	1 270	967	1 145	831	125	129	-	5	-	-	-	2
RADIO AND TELEVISION BROADCASTING	261	116	220	99	41	12	-	5	-	-	-	-
TELEPHONE (WIRE AND RADIO)	918	805	847	692	71	111	-	-	-	-	-	2
TELEGRAPH AND MISCELLANEOUS COMMUNICATION SERVICES	91	46	78	40	13	6	-	-	-	-	-	-
UTILITIES AND SANITARY SERVICES	1 064	294	997	252	50	36	8	6	2	-	7	-
ELECTRIC AND GAS UTILITIES	611	204	585	169	16	29	8	6	2	-	-	-
WATER SUPPLY, SANITARY SERVICES, AND OTHER UTILITIES	453	90	412	83	34	7	-	-	-	-	7	-
WHOLESALE TRADE	4 787	1 600	4 484	1 534	233	61	30	5	6	-	38	5
DURABLE GOODS	3 251	1 040	3 056	986	137	54	24	-	-	-	38	5
MOTOR VEHICLES AND EQUIPMENT	1 075	458	968	433	73	25	5	-	-	-	31	5
LUMBER AND CONSTRUCTION MATERIALS	162	51	162	51	-	-	-	-	-	-	-	-
ELECTRICAL GOODS	217	35	205	35	12	-	-	-	-	-	-	-
HARDWARE, PLUMBING AND HEATING SUPPLIES	411	94	399	87	12	7	-	-	-	-	-	-
MACHINERY, EQUIPMENT, AND SUPPLIES	831	292	807	286	17	6	7	-	-	-	7	-
OTHER WHOLESALE, DURABLE GOODS	555	110	515	94	23	16	12	-	-	-	-	-
NONDURABLE GOODS	1 536	560	1 428	548	96	7	6	5	6	-	-	-
DRUGS, CHEMICALS, AND ALLIED PRODUCTS	106	50	97	50	9	-	-	-	-	-	-	-
GROCERIES AND FARM PRODUCTS	784	252	748	247	36	-	-	5	-	-	-	-
PETROLEUM PRODUCTS	127	48	109	48	12	-	-	-	6	-	-	-
OTHER WHOLESALE, NONDURABLE GOODS	519	210	474	203	39	7	6	-	-	-	-	-
RETAIL TRADE	17 075	20 428	15 631	18 528	1 220	1 583	77	119	50	44	224	302
HARDWARE AND BUILDING MATERIAL RETAILING	911	293	861	286	45	-	5	-	-	-	7	7
GENERAL MERCHANDISE STORES	1 422	3 736	1 207	3 360	207	331	6	25	2	4	-	9
DEPARTMENT STORES	1 251	3 275	1 066	2 914	177	316	6	25	2	4	-	9
FOOD, BAKERY, AND DAIRY STORES	2 822	2 626	2 583	2 419	211	170	20	16	6	-	29	28
MOTOR VEHICLE DEALERS	1 826	475	1 769	458	56	17	1	-	-	-	-	-
AUTO AND HOME SUPPLY STORES	601	118	556	112	45	6	-	-	-	-	28	-
GASOLINE SERVICE STATIONS	1 397	313	1 349	303	48	10	-	-	-	-	15	-
MISCELLANEOUS VEHICLE DEALERS	142	53	142	53	-	-	-	-	-	-	-	6
APPAREL AND ACCESSORY STORES	609	1 681	519	1 507	81	139	-	7	-	12	9	20
FURNITURE, HOME FURNISHINGS, AND APPLIANCE STORES	950	722	903	661	37	54	5	7	-	-	21	-
EATING AND DRINKING PLACES	4 121	7 099	3 578	6 295	414	652	18	64	37	17	110	174
DRUG STORES	581	932	551	890	30	35	-	-	-	-	-	11
OTHER RETAIL TRADE	1 693	2 380	1 613	2 184	46	169	22	-	5	11	5	47
FINANCE, INSURANCE, AND REAL ESTATE	3 507	5 207	3 264	4 668	215	502	12	14	8	6	15	19
BANKING	783	2 380	718	2 093	65	277	-	4	-	6	-	6
CREDIT AGENCIES, OTHER THAN BANKS	197	597	171	518	26	62	-	-	-	-	7	6
SECURITY, COMMODITY BROKERAGE, AND INVESTMENT COMPANIES	166	110	166	104	-	6	-	-	-	-	-	-
INSURANCE	1 007	973	965	910	42	63	-	-	-	-	-	7
REAL ESTATE, INCLUDING REAL ESTATE-INSURANCE-LAW OFFICES	1 354	1 147	1 244	1 043	82	94	12	10	8	-	8	-
BUSINESS AND REPAIR SERVICES	3 797	2 308	3 481	2 096	258	175	50	22	8	11	15	7
ADVERTISING	170	69	170	69	-	-	-	-	-	-	-	-
SERVICES TO DWELLINGS AND OTHER BUILDINGS	271	212	235	185	36	27	-	-	-	-	-	-
COMMERCIAL RESEARCH, MANAGEMENT, AND DATA PROCESSING SERVICES	378	559	348	512	30	31	-	5	-	11	-	-
DETECTIVE AND PROTECTIVE SERVICES	273	100	234	90	29	6	10	4	-	-	-	-
OTHER BUSINESS SERVICES	521	1 119	484	1 002	23	100	6	13	8	-	-	7
AUTOMOTIVE REPAIR AND SERVICES	1 467	134	1 344	123	108	11	15	-	-	-	15	-
OTHER REPAIR SERVICES	717	115	666	115	32	-	19	-	-	-	-	-

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

TABLE 227. (B) INDUSTRY OF THE EXPERIENCED CIVILIAN LABOR FORCE BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

FLINT, MI SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
PERSONAL SERVICES	1 323	3 966	1 184	3 442	134	482	5	32	-	-	7	43
PRIVATE HOUSEHOLDS	47	1 138	47	900	-	219	-	14	-	-	-	12
HOTELS AND LODGING PLACES	337	762	300	600	32	150	5	12	-	-	-	11
LAUNDRY, CLEANING, AND GARMENT SERVICES	295	575	281	517	14	53	-	-	-	-	-	11
BARBER AND BEAUTY SHOPS	355	1 114	313	1 058	42	50	-	6	-	-	7	-
OTHER PERSONAL SERVICES	289	377	243	367	46	10	-	-	-	-	-	9
ENTERTAINMENT AND RECREATION SERVICES	1 044	981	932	912	93	69	7	-	-	-	24	10
THEATERS AND MOTION PICTURES	256	189	218	178	38	11	-	-	-	-	12	10
OTHER ENTERTAINMENT AND RECREATION SERVICES	788	792	714	734	55	58	7	-	-	-	12	-
PROFESSIONAL AND RELATED SERVICES	11 740	29 806	10 013	24 659	1 411	4 744	62	160	224	103	71	263
HEALTH SERVICES	3 080	14 067	2 445	11 199	431	2 664	19	84	178	57	24	120
OFFICES OF HEALTH PRACTITIONERS	865	2 561	701	2 389	61	129	1	-	102	18	6	32
HOSPITALS	1 764	8 699	1 396	6 572	277	2 023	13	46	71	37	18	61
NURSING AND PERSONAL CARE FACILITIES	147	1 849	121	1 436	26	380	-	18	-	2	-	18
HEALTH SERVICES, N.E.C.	304	958	227	802	67	132	5	20	5	-	-	9
LEGAL SERVICES	419	540	400	504	19	36	-	-	-	-	12	-
EDUCATIONAL SERVICES	5 864	12 031	5 071	10 323	729	1 534	25	57	31	44	14	107
ELEMENTARY AND SECONDARY SCHOOLS	4 769	10 339	4 115	8 895	620	1 318	14	55	12	13	14	94
GOVERNMENT	4 177	8 664	3 599	7 428	544	1 135	14	50	12	6	14	73
COLLEGES AND UNIVERSITIES	958	1 201	851	1 026	77	148	11	2	19	15	-	8
GOVERNMENT	522	650	473	561	43	72	-	2	6	7	-	8
LIBRARIES	45	265	18	218	27	37	-	-	-	10	-	-
OTHER EDUCATIONAL SERVICES	92	226	87	184	5	31	-	-	-	6	-	5
SOCIAL SERVICES	494	1 636	341	1 223	126	388	12	19	-	2	21	34
CHILD DAY CARE SERVICES	41	454	33	340	8	114	-	-	-	-	-	7
RESIDENTIAL CARE FACILITIES, WITHOUT NURSING	79	168	48	88	31	69	-	11	-	-	6	6
OTHER SOCIAL SERVICES	374	1 014	260	795	87	205	12	8	-	2	15	21
MUSEUMS, ART GALLERIES, AND ZOOS	23	30	18	27	5	3	-	-	-	-	-	-
RELIGIOUS ORGANIZATIONS	724	578	681	554	34	24	2	-	7	-	-	-
ENGINEERING, ARCHITECTURAL, AND SURVEYING SERVICES	499	104	493	100	6	4	-	-	-	-	-	-
ACCOUNTING, AUDITING, AND BOOKKEEPING SERVICES	233	405	229	390	-	15	4	-	-	-	-	2
NONCOMMERCIAL EDUCATIONAL AND SCIENTIFIC RESEARCH	20	23	6	12	6	11	-	-	8	-	-	-
MISCELLANEOUS PROFESSIONAL AND RELATED SERVICES	384	392	329	327	55	65	-	-	-	-	-	-
PUBLIC ADMINISTRATION	3 582	2 687	3 047	2 084	446	554	25	24	35	15	47	53
EXECUTIVE AND LEGISLATIVE OFFICES	64	148	59	146	-	2	-	-	5	-	-	-
GENERAL GOVERNMENT, N.E.C.	790	965	629	695	150	254	-	16	6	-	5	15
LOCAL GOVERNMENT	622	645	484	452	127	183	-	10	6	-	5	11
JUSTICE, PUBLIC ORDER, AND SAFETY	1 824	698	1 622	561	166	130	12	-	13	7	19	-
LOCAL GOVERNMENT	1 527	604	1 337	478	159	119	12	-	8	7	19	-
PUBLIC FINANCE, TAXATION, AND MONETARY POLICY	148	135	133	88	15	47	-	-	-	-	7	11
ADMINISTRATION OF HUMAN RESOURCES PROGRAMS	191	461	166	375	20	86	5	-	-	-	-	10
ADMINISTRATION OF ENVIRONMENTAL QUALITY AND HOUSING PROGRAMS	205	80	168	74	31	6	-	-	-	-	11	-
ADMINISTRATION OF ECONOMIC PROGRAMS	213	191	177	136	25	29	-	8	11	8	-	17
NATIONAL SECURITY AND INTERNATIONAL AFFAIRS	147	9	93	9	39	-	8	-	-	-	5	-
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY INDUSTRY	377	919	237	697	135	210	-	6	-	-	5	6
LAST JOB ARMED FORCES	156	14	106	14	45	-	-	-	-	-	5	-
LAST WORKED 1974 OR EARLIER	221	905	131	683	90	210	-	6	-	-	-	6

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

TABLE 227. (B) INDUSTRY OF THE EXPERIENCED CIVILIAN LABOR FORCE BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

GRAND RAPIDS, MI SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
EXPERIENCED CIVILIAN LABOR FORCE 16 YEARS AND OVER	169 056	124 149	159 406	115 339	6 459	6 510	601	513	943	701	3 338	2 427
AGRICULTURE, FORESTRY, AND FISHERIES	4 183	1 571	4 024	1 451	36	20	11	-	-	2	157	129
AGRICULTURAL PRODUCTION	3 524	1 205	3 393	1 106	15	15	9	-	-	2	152	113
AGRICULTURAL SERVICES, INCLUDING HORTICULTURAL	550	346	537	325	6	5	2	-	-	-	5	16
FORESTRY AND FISHERIES	109	20	94	20	15	-	-	-	-	-	-	-
MINING	206	30	195	30	4	-	-	-	-	-	7	-
METAL MINING	15	-	15	-	-	-	-	-	-	-	-	-
COAL MINING	-	-	-	-	-	-	-	-	-	-	-	-
CRUDE PETROLEUM AND NATURAL GAS EXTRACTION	57	17	50	17	-	-	-	-	-	-	7	-
NONMETALLIC MINING AND QUARRYING, EXCEPT FUEL	134	13	130	13	4	-	-	-	-	-	-	-
CONSTRUCTION	15 014	1 115	14 521	1 083	369	24	59	-	30	-	164	22
MANUFACTURING	64 072	28 059	59 421	25 144	2 944	2 109	327	193	489	258	1 746	900
NONDURABLE GOODS	13 866	10 012	13 006	9 217	498	521	46	51	97	87	448	317
MEAT PRODUCTS	777	350	684	342	16	-	17	6	-	-	92	10
DAIRY PRODUCTS	373	107	373	107	-	-	-	-	-	-	2	-
CANNED AND PRESERVED FRUITS AND VEGETABLES	233	320	218	245	-	-	-	8	-	2	22	111
BAKERY PRODUCTS	1 163	905	995	815	135	80	-	-	5	10	64	24
BEVERAGE INDUSTRIES	417	103	360	96	48	7	4	-	-	-	12	-
OTHER FOOD INDUSTRIES	361	313	308	289	14	6	-	-	-	-	67	45
TOBACCO MANUFACTURES	18	-	18	-	-	-	-	-	-	-	-	-
KNITTING MILLS	-	-	-	-	-	-	-	-	-	-	-	-
YARN, THREAD, AND FABRIC MILLS	42	45	42	45	-	-	-	-	-	-	-	-
OTHER TEXTILE MILL PRODUCTS	415	238	374	233	11	5	11	-	13	-	32	-
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	717	1 369	622	1 136	71	170	3	9	16	31	11	30
PAPER AND ALLIED PRODUCTS	1 129	422	1 053	410	52	5	-	-	-	-	24	21
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	2 882	1 976	2 787	1 883	57	62	7	-	5	24	24	32
NEWSPAPER PUBLISHING AND PRINTING	669	489	642	462	25	13	-	-	-	7	-	15
CHEMICALS AND ALLIED PRODUCTS	3 348	2 236	3 249	2 103	48	99	-	15	47	5	54	35
PLASTICS, SYNTHETICS, AND RESINS	260	182	258	132	-	35	-	10	-	-	2	5
DRUGS	421	287	414	268	7	14	-	5	-	-	22	10
PETROLEUM AND COAL PRODUCTS	37	-	30	-	-	-	-	-	-	-	7	-
PETROLEUM REFINING	25	-	18	-	-	-	-	-	-	-	7	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS	1 360	1 106	1 310	995	46	87	4	9	-	15	37	5
FOOTWEAR, EXCEPT RUBBER AND PLASTIC	289	419	278	419	-	-	-	-	11	-	-	4
LEATHER AND LEATHER PRODUCTS, EXCEPT FOOTWEAR	305	103	305	99	-	-	-	4	-	-	-	-
DURABLE GOODS	49 907	17 887	46 156	15 793	2 413	1 562	281	142	385	171	1 291	583
LOGGING	59	-	59	-	-	-	-	-	-	-	-	-
SAWMILLS, PLANING MILLS, AND MILLWORK	528	107	495	107	6	-	-	-	5	-	37	-
WOOD BUILDINGS, MOBILE HOMES, AND MISCELLANEOUS WOOD PRODUCTS	466	157	432	157	34	-	-	-	-	-	-	8
FURNITURE AND FIXTURES	10 960	3 478	10 045	3 086	614	237	27	43	127	38	254	185
STONE, CLAY, GLASS, AND CONCRETE PRODUCTS	1 272	346	1 198	342	50	2	11	2	-	-	26	23
GLASS AND GLASS PRODUCTS	432	268	411	264	8	2	6	2	-	-	14	18
CEMENT, CONCRETE, GYPSUM, AND PLASTER PRODUCTS	646	40	593	40	42	-	5	-	-	-	-	5
PRIMARY METAL INDUSTRIES	3 416	850	3 100	757	246	72	15	-	-	-	107	56
BLAST FURNACES, STEELWORKS, ROLLING AND FINISHING MILLS	329	65	294	54	20	11	7	-	-	-	8	-
IRON AND STEEL FOUNDRIES	700	119	583	119	110	-	2	-	-	-	21	7
PRIMARY NONFERROUS INDUSTRIES	2 387	666	2 223	584	116	61	6	-	-	-	78	49
FABRICATED METAL INDUSTRIES	8 305	3 450	7 741	3 107	372	286	66	10	60	34	177	109
CUTLERY, HANDTOOLS, AND OTHER HARDWARE	2 584	1 234	2 343	1 047	194	187	-	-	32	-	58	43
FABRICATED STRUCTURAL METAL PRODUCTS	1 292	251	1 249	240	15	11	6	-	9	-	16	-
METAL FORGINGS AND STAMPINGS	1 724	775	1 592	720	78	26	34	8	12	21	32	28
MACHINERY, EXCEPT ELECTRICAL	9 850	2 151	9 445	1 859	180	256	48	9	67	-	219	41
FARM MACHINERY AND EQUIPMENT	177	51	173	48	4	-	-	3	-	-	-	-
CONSTRUCTION AND MATERIAL HANDLING MACHINES	773	65	747	65	19	-	-	-	7	-	15	8
METALWORKING MACHINERY	3 481	551	3 412	531	-	20	14	-	21	-	61	-
OFFICE, ACCOUNTING, AND COMPUTING MACHINES	162	37	162	37	-	-	-	-	-	-	-	-
OTHER MACHINERY, EXCEPT ELECTRICAL	5 257	1 447	4 951	1 178	157	236	34	6	39	-	143	33
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	2 392	1 737	2 280	1 619	48	50	12	16	5	16	81	64
HOUSEHOLD APPLIANCES	973	499	938	468	23	16	7	7	-	2	9	14
RADIO, TV, AND COMMUNICATION EQUIPMENT	592	299	556	293	10	-	-	-	5	-	21	8
OTHER ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	827	939	786	858	15	34	5	9	-	14	51	42

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

TABLE 227. (B) INDUSTRY OF THE EXPERIENCED CIVILIAN LABOR FORCE BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

GRAND RAPIDS, MI SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TRANSPORTATION EQUIPMENT	9 124	3 728	8 027	3 114	763	473	89	46	77	69	280	63
MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT	7 700	3 249	6 680	2 668	704	446	81	46	67	63	252	57
AIRCRAFT, SPACE VEHICLES, AND PARTS	863	370	821	337	38	27	-	-	4	6	7	6
SHIP AND BOAT BUILDING AND REPAIRING	543	109	508	109	21	-	8	-	6	-	21	-
OTHER TRANSPORTATION EQUIPMENT	18	-	18	-	-	-	-	-	-	-	-	-
PROFESSIONAL AND PHOTOGRAPHIC EQUIPMENT AND WATCHES	2 234	1 386	2 144	1 210	43	146	-	9	13	9	69	24
MISCELLANEOUS MANUFACTURING INDUSTRIES	1 301	497	1 190	435	57	40	13	7	31	5	41	10
NOT SPECIFIED MANUFACTURING INDUSTRIES	299	160	259	134	33	26	-	-	7	-	7	-
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	11 577	3 975	11 022	3 643	407	293	24	8	21	11	187	44
TRANSPORTATION	7 878	1 772	7 484	1 654	284	88	17	8	13	5	127	25
RAILROADS	1 409	25	1 247	25	104	-	8	-	-	-	70	-
BUS SERVICE AND URBAN TRANSIT	343	168	322	157	21	11	-	-	-	-	-	-
TAXICAB SERVICE	88	6	88	6	-	-	-	-	-	-	-	6
TRUCKING SERVICE AND WAREHOUSING	4 393	829	4 253	799	111	17	9	8	3	-	45	7
U.S. POSTAL SERVICE	1 183	407	1 144	353	26	37	-	-	-	5	12	12
WATER TRANSPORTATION	95	43	79	43	16	-	-	-	-	-	-	-
AIR TRANSPORTATION	263	81	247	65	6	16	-	-	10	-	-	-
OTHER TRANSPORTATION	104	213	104	206	-	7	-	-	-	-	-	-
COMMUNICATIONS	1 801	1 759	1 721	1 599	62	157	-	-	8	-	36	8
RADIO AND TELEVISION BROADCASTING	470	207	442	207	20	-	-	-	8	-	7	-
TELEPHONE (WIRE AND RADIO)	1 211	1 507	1 166	1 347	35	157	-	-	-	-	29	8
TELEGRAPH AND MISCELLANEOUS COMMUNICATION SERVICES	120	45	113	45	7	-	-	-	-	-	-	-
UTILITIES AND SANITARY SERVICES	1 898	444	1 817	390	61	48	7	-	-	6	24	11
ELECTRIC AND GAS UTILITIES	1 321	354	1 273	300	39	48	2	-	-	6	7	11
WATER SUPPLY, SANITARY SERVICES, AND OTHER UTILITIES	577	90	544	90	22	-	5	-	-	-	17	-
WHOLESALE TRADE	11 619	3 912	11 311	3 761	175	100	30	12	30	7	150	88
DURABLE GOODS	6 356	1 854	6 203	1 782	84	44	15	12	19	-	48	48
MOTOR VEHICLES AND EQUIPMENT	1 040	212	1 024	212	16	-	-	-	-	-	-	-
LUMBER AND CONSTRUCTION MATERIALS	711	129	700	125	5	-	6	-	-	-	-	4
ELECTRICAL GOODS	589	244	574	237	10	7	-	-	5	-	-	-
HARDWARE, PLUMBING AND HEATING SUPPLIES	646	218	638	218	-	-	-	-	-	-	8	-
MACHINERY, EQUIPMENT, AND SUPPLIES	2 045	620	2 016	586	29	22	-	7	-	-	-	5
OTHER WHOLESALE, DURABLE GOODS	1 325	431	1 251	404	24	15	9	5	14	-	40	39
NONDURABLE GOODS	5 263	2 058	5 108	1 979	91	56	15	-	11	7	102	40
DRUGS, CHEMICALS, AND ALLIED PRODUCTS	255	159	243	144	12	15	-	-	-	-	-	-
GROCERIES AND FARM PRODUCTS	3 047	1 215	2 942	1 157	58	41	9	-	-	7	91	28
PETROLEUM PRODUCTS	172	32	172	32	-	-	-	-	-	-	-	-
OTHER WHOLESALE, NONDURABLE GOODS	1 789	652	1 751	646	21	-	6	-	11	-	11	12
RETAIL TRADE	23 370	26 702	22 330	25 650	699	683	46	104	149	106	323	377
HARDWARE AND BUILDING MATERIAL RETAILING	1 472	490	1 428	490	31	-	-	-	13	-	-	-
GENERAL MERCHANDISE STORES	1 452	3 321	1 346	3 165	79	119	6	8	13	6	28	47
DEPARTMENT STORES	1 339	3 067	1 233	2 917	79	113	6	8	13	6	28	47
FOOD, BAKERY, AND DAIRY STORES	4 795	4 680	4 584	4 503	132	117	10	9	34	32	80	44
MOTOR VEHICLE DEALERS	2 430	374	2 368	359	43	-	2	-	5	7	33	8
AUTO AND HOME SUPPLY STORES	586	90	573	90	8	-	2	-	-	-	3	-
GASOLINE SERVICE STATIONS	1 257	330	1 198	318	57	12	2	-	-	-	-	7
MISCELLANEOUS VEHICLE DEALERS	225	21	225	21	-	-	-	-	-	-	-	-
APPAREL AND ACCESSORY STORES	860	2 188	825	2 097	15	65	-	-	20	-	-	34
FURNITURE, HOME FURNISHINGS, AND APPLIANCE STORES	1 769	930	1 761	909	8	11	-	5	-	-	9	5
EATING AND DRINKING PLACES	5 234	9 402	4 839	8 957	242	257	24	68	53	55	152	181
DRUG STORES	406	745	406	726	-	19	-	-	-	-	-	-
OTHER RETAIL TRADE	2 884	4 131	2 777	4 015	84	83	-	14	11	6	18	51
FINANCE, INSURANCE, AND REAL ESTATE	5 776	8 445	5 653	8 066	87	267	3	38	33	29	33	86
BANKING	1 061	2 992	1 034	2 828	12	128	3	7	12	-	14	29
CREDIT AGENCIES, OTHER THAN BANKS	358	900	351	857	-	26	-	-	7	11	-	6
SECURITY, COMMODITY BROKERAGE, AND INVESTMENT COMPANIES	263	223	263	216	-	-	-	7	-	-	-	-
INSURANCE	2 256	3 003	2 230	2 867	17	98	-	15	9	18	5	14
REAL ESTATE, INCLUDING REAL ESTATE-INSURANCE-LAW OFFICES	1 838	1 327	1 775	1 298	58	15	-	9	5	-	14	37
BUSINESS AND REPAIR SERVICES	6 594	3 460	6 215	3 239	276	137	30	29	8	28	132	62
ADVERTISING	360	326	360	310	-	12	-	-	-	-	-	4
SERVICES TO DWELLINGS AND OTHER BUILDINGS	632	410	531	330	98	60	-	16	-	-	-	22
COMMERCIAL RESEARCH, MANAGEMENT, AND DATA PROCESSING SERVICES	688	716	656	673	24	21	-	-	-	8	8	20
DETECTIVE AND PROTECTIVE SERVICES	492	123	451	116	19	7	17	-	-	-	18	-
OTHER BUSINESS SERVICES	978	1 419	895	1 368	61	18	9	13	-	20	17	11
AUTOMOTIVE REPAIR AND SERVICES	2 370	299	2 254	280	68	19	4	-	8	-	89	-
OTHER REPAIR SERVICES	1 074	167	1 068	162	6	-	-	-	-	-	-	5

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

TABLE 227. (B) INDUSTRY OF THE EXPERIENCED CIVILIAN LABOR FORCE BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

GRAND RAPIDS, MI SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
PERSONAL SERVICES	1 780	4 830	1 662	4 432	87	348	-	2	11	48	47	31
PRIVATE HOUSEHOLDS	92	1 243	81	1 137	11	106	-	-	-	-	-	-
HOTELS AND LODGING PLACES	584	1 239	557	1 162	9	75	-	2	6	-	19	7
LAUNDRY, CLEANING, AND GARMENT SERVICES	468	680	423	555	45	109	-	-	-	16	14	-
BARBER AND BEAUTY SHOPS	351	1 292	325	1 224	16	47	-	-	5	21	5	24
OTHER PERSONAL SERVICES	285	376	276	354	6	11	-	-	-	11	9	-
ENTERTAINMENT AND RECREATION SERVICES	1 311	1 068	1 257	1 019	49	30	5	8	-	11	13	7
THEATERS AND MOTION PICTURES	425	313	407	307	13	-	5	-	-	6	-	7
OTHER ENTERTAINMENT AND RECREATION SERVICES	886	755	850	712	36	30	-	8	-	5	13	-
PROFESSIONAL AND RELATED SERVICES	18 404	37 060	17 245	34 548	865	2 016	33	84	146	157	263	535
HEALTH SERVICES	4 144	16 312	3 847	15 227	240	897	6	47	45	71	37	143
OFFICES OF HEALTH PRACTITIONERS	1 117	2 792	1 096	2 721	3	64	-	-	18	7	2	7
HOSPITALS	2 157	8 844	1 902	8 124	222	593	6	43	27	40	29	79
NURSING AND PERSONAL CARE FACILITIES	423	3 783	414	3 572	9	186	-	-	-	12	-	47
HEALTH SERVICES, N.E.C.	447	893	435	810	6	54	-	4	-	12	6	10
LEGAL SERVICES	821	784	804	768	4	16	-	-	6	-	7	-
EDUCATIONAL SERVICES	8 957	15 405	8 324	14 286	471	881	16	30	73	75	179	299
ELEMENTARY AND SECONDARY SCHOOLS	6 555	11 975	6 083	11 055	388	740	6	17	32	44	123	237
GOVERNMENT	5 151	9 064	4 712	8 320	355	595	6	17	32	44	86	184
COLLEGES AND UNIVERSITIES	2 174	2 617	2 027	2 451	83	108	6	13	31	31	56	55
GOVERNMENT	841	952	759	850	54	71	-	13	17	18	35	4
LIBRARIES	111	393	101	387	-	6	-	-	10	-	-	-
OTHER EDUCATIONAL SERVICES	117	420	113	393	-	27	4	-	-	-	-	7
SOCIAL SERVICES	575	1 987	500	1 764	55	178	6	-	-	6	14	66
CHILD DAY CARE SERVICES	42	604	35	489	-	83	-	-	-	6	7	34
RESIDENTIAL CARE FACILITIES, WITHOUT NURSING	147	424	139	401	8	18	-	-	-	-	-	5
OTHER SOCIAL SERVICES	386	959	326	874	47	77	6	-	-	-	7	27
MUSEUMS, ART GALLERIES, AND ZOOS	23	93	23	89	-	4	-	-	-	-	-	-
RELIGIOUS ORGANIZATIONS	1 559	983	1 484	977	60	4	5	2	6	-	8	2
ENGINEERING, ARCHITECTURAL, AND SURVEYING SERVICES	1 060	262	1 029	254	6	-	-	-	16	-	11	20
ACCOUNTING, AUDITING, AND BOOKKEEPING SERVICES	797	560	797	547	-	8	-	-	-	5	5	-
NONCOMMERCIAL EDUCATIONAL AND SCIENTIFIC RESEARCH	25	43	17	37	8	6	-	-	-	-	-	-
MISCELLANEOUS PROFESSIONAL AND RELATED SERVICES	443	631	420	599	21	22	-	5	-	-	2	5
PUBLIC ADMINISTRATION	4 924	3 469	4 406	2 931	379	392	33	27	26	39	116	139
EXECUTIVE AND LEGISLATIVE OFFICES	105	97	87	70	13	13	5	8	-	-	-	6
GENERAL GOVERNMENT, N.E.C.	1 099	1 133	927	942	141	121	6	7	8	32	36	43
LOCAL GOVERNMENT	737	837	627	728	93	94	-	-	8	-	28	23
JUSTICE, PUBLIC ORDER, AND SAFETY	2 063	670	1 862	614	119	56	22	-	11	-	64	14
LOCAL GOVERNMENT	1 553	507	1 433	460	62	47	22	-	4	-	46	7
PUBLIC FINANCE, TAXATION, AND MONETARY POLICY	265	156	265	156	-	-	-	-	-	-	-	-
ADMINISTRATION OF HUMAN RESOURCES PROGRAMS	590	931	542	730	42	161	-	6	-	7	6	43
ADMINISTRATION OF ENVIRONMENTAL QUALITY AND HOUSING PROGRAMS	292	141	255	101	37	25	-	6	-	-	-	9
ADMINISTRATION OF ECONOMIC PROGRAMS	372	263	335	240	22	16	-	-	7	-	10	16
NATIONAL SECURITY AND INTERNATIONAL AFFAIRS	138	78	133	78	5	-	-	-	-	-	-	8
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY INDUSTRY	226	453	144	342	82	91	-	8	-	5	-	7
LAST JOB ARMED FORCES	55	9	43	-	12	9	-	-	-	-	-	-
LAST WORKED 1974 OR EARLIER	171	444	101	342	70	82	-	8	-	5	-	7

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

TABLE 227. (B) INDUSTRY OF THE EXPERIENCED CIVILIAN LABOR FORCE BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

KALAMAZOO-PORTAGE, MI SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
EXPERIENCED CIVILIAN LABOR FORCE 16 YEARS AND OVER	75 941	58 150	70 960	53 513	3 942	3 882	286	248	312	276	925	587
AGRICULTURE, FORESTRY, AND FISHERIES	2 506	1 290	2 382	1 220	43	35	6	-	-	7	101	44
AGRICULTURAL PRODUCTION	2 192	1 049	2 068	1 002	43	15	6	-	-	7	96	41
AGRICULTURAL SERVICES, INCLUDING HORTICULTURAL	269	241	269	218	-	20	-	-	-	-	5	3
FORESTRY AND FISHERIES	45	-	45	-	-	-	-	-	-	-	-	-
MINING	40	6	40	6	-	-	-	-	-	-	-	-
METAL MINING	-	-	-	-	-	-	-	-	-	-	-	-
COAL MINING	2	-	2	-	-	-	-	-	-	-	-	-
CRUDE PETROLEUM AND NATURAL GAS EXTRACTION	21	6	21	6	-	-	-	-	-	-	-	-
NONMETALLIC MINING AND QUARRYING, EXCEPT FUEL	17	-	17	-	-	-	-	-	-	-	-	-
CONSTRUCTION	6 226	367	5 926	362	252	5	14	-	5	-	53	2
MANUFACTURING	27 796	10 998	25 709	9 858	1 664	1 018	97	41	103	36	399	127
NONDURABLE GOODS	12 698	6 627	11 922	6 098	537	480	65	13	63	21	189	65
MEAT PRODUCTS	226	160	206	138	9	22	-	-	-	-	11	-
DAIRY PRODUCTS	105	8	102	8	-	-	-	-	-	-	3	-
CANNED AND PRESERVED FRUITS AND VEGETABLES	596	491	503	455	41	21	14	-	-	3	40	20
BAKERY PRODUCTS	125	69	125	69	-	-	-	-	-	-	-	-
BEVERAGE INDUSTRIES	172	51	170	49	2	-	-	-	-	-	-	2
OTHER FOOD INDUSTRIES	335	170	309	157	26	6	-	-	-	7	8	-
TOBACCO MANUFACTURES	9	-	9	-	-	-	-	-	-	-	-	-
KNITTING MILLS	-	-	-	-	-	-	-	-	-	-	-	-
YARN, THREAD, AND FABRIC MILLS	9	21	2	14	7	7	-	-	-	-	-	-
OTHER TEXTILE MILL PRODUCTS	6	15	6	15	-	-	-	-	-	-	-	-
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	70	68	57	68	13	-	-	-	-	-	-	-
PAPER AND ALLIED PRODUCTS	4 336	1 257	4 061	1 166	215	88	26	3	8	-	62	7
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	1 189	777	1 152	754	18	22	6	-	7	-	18	1
NEWSPAPER PUBLISHING AND PRINTING	341	273	330	267	5	5	6	-	-	-	6	1
CHEMICALS AND ALLIED PRODUCTS	4 558	2 708	4 307	2 436	181	266	9	-	48	6	33	25
PLASTICS, SYNTHETICS, AND RESINS	131	187	123	182	6	5	2	-	-	-	-	-
DRUGS	3 778	2 335	3 571	2 079	141	250	7	-	48	6	29	25
PETROLEUM AND COAL PRODUCTS	15	13	15	13	-	-	-	-	-	-	-	-
PETROLEUM REFINING	13	5	13	5	-	-	-	-	-	-	-	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS	939	803	890	740	25	48	10	10	-	5	14	10
FOOTWEAR, EXCEPT RUBBER AND PLASTIC	2	-	2	-	-	-	-	-	-	-	-	-
LEATHER AND LEATHER PRODUCTS, EXCEPT FOOTWEAR	6	16	6	16	-	-	-	-	-	-	-	-
DURABLE GOODS	14 987	4 308	13 683	3 703	1 122	532	32	28	40	15	208	62
LOGGING	46	7	38	7	8	-	-	-	-	-	-	-
SAWMILLS, PLANING MILLS, AND MILLWORK	147	96	147	89	-	7	-	-	-	-	-	3
WOOD BUILDINGS, MOBILE HOMES, AND MISCELLANEOUS WOOD PRODUCTS	110	35	106	29	4	6	-	-	-	-	-	-
FURNITURE AND FIXTURES	441	87	419	78	12	9	5	-	-	-	7	-
STONE, CLAY, GLASS, AND CONCRETE PRODUCTS	246	36	237	30	9	5	-	1	-	-	-	-
GLASS AND GLASS PRODUCTS	26	-	26	-	-	-	-	-	-	-	-	-
CEMENT, CONCRETE, GYPSUM, AND PLASTER PRODUCTS	148	10	139	10	9	-	-	-	-	-	-	-
PRIMARY METAL INDUSTRIES	1 092	314	925	277	146	32	2	-	8	-	13	15
BLAST FURNACES, STEELWORKS, ROLLING AND FINISHING MILLS	126	9	119	9	5	-	2	-	-	-	-	-
IRON AND STEEL FOUNDRIES	259	32	201	32	58	-	-	-	-	-	-	-
PRIMARY NONFERROUS INDUSTRIES	707	273	605	236	83	32	-	-	8	-	13	15
FABRICATED METAL INDUSTRIES	1 723	431	1 602	394	116	28	3	7	2	-	22	2
CUTLERY, HANDTOOLS, AND OTHER HARDWARE	132	89	109	89	23	-	-	-	-	-	7	-
FABRICATED STRUCTURAL METAL PRODUCTS	289	22	272	22	14	-	3	-	-	-	10	-
METAL FORGINGS AND STAMPINGS	832	116	795	88	37	28	-	-	-	-	5	-
MACHINERY, EXCEPT ELECTRICAL	3 933	699	3 756	670	143	23	3	6	16	-	13	2
FARM MACHINERY AND EQUIPMENT	132	27	130	27	2	-	-	-	-	-	-	2
CONSTRUCTION AND MATERIAL HANDLING MACHINES	467	52	456	52	11	-	-	-	-	-	-	-
METALWORKING MACHINERY	813	89	742	84	58	1	-	4	-	-	11	-
OFFICE, ACCOUNTING, AND COMPUTING MACHINES	122	20	96	20	26	-	-	-	-	-	-	-
OTHER MACHINERY, EXCEPT ELECTRICAL	2 399	511	2 332	487	46	22	3	2	16	-	2	-
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	369	363	341	318	28	41	-	-	-	-	3	8
HOUSEHOLD APPLIANCES	179	72	160	54	19	18	-	-	-	-	-	-
RADIO, TV, AND COMMUNICATION EQUIPMENT	68	35	61	30	7	5	-	-	-	-	-	-
OTHER ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	122	256	120	234	2	18	-	-	-	-	3	8

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

TABLE 227. (B) INDUSTRY OF THE EXPERIENCED CIVILIAN LABOR FORCE BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

KALAMAZOO-PORTAGE, MI SMSA	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TRANSPORTATION EQUIPMENT	5 946	1 513	5 263	1 145	599	331	12	8	2	15	141	20
MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT	5 284	1 294	4 627	979	573	286	12	-	2	15	141	20
AIRCRAFT, SPACE VEHICLES, AND PARTS	644	198	618	156	26	34	-	8	-	-	-	-
SHIP AND BOAT BUILDING AND REPAIRING	5	-	5	-	-	-	-	-	-	-	-	-
OTHER TRANSPORTATION EQUIPMENT	13	21	13	10	-	11	-	-	-	-	-	-
PROFESSIONAL AND PHOTOGRAPHIC EQUIPMENT AND WATCHES	319	345	286	309	19	25	7	6	7	-	-	5
MISCELLANEOUS MANUFACTURING INDUSTRIES	615	382	563	357	38	25	-	-	5	-	9	7
NOT SPECIFIED MANUFACTURING INDUSTRIES	111	63	104	57	5	6	-	-	-	-	2	-
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	4 552	1 660	4 249	1 494	261	146	29	9	8	5	48	14
TRANSPORTATION	2 883	752	2 703	684	164	55	11	7	-	-	22	8
RAILROADS	291	-	269	-	19	-	-	-	-	-	3	-
BUS SERVICE AND URBAN TRANSIT	155	71	117	36	38	35	-	-	-	-	-	-
TAXICAB SERVICE	34	-	27	-	5	-	2	-	-	-	-	-
TRUCKING SERVICE AND WAREHOUSING	1 564	201	1 508	191	47	10	9	-	-	-	8	-
U.S. POSTAL SERVICE	636	358	587	341	47	10	-	7	-	-	9	-
WATER TRANSPORTATION	29	6	29	6	-	-	-	-	-	-	-	-
AIR TRANSPORTATION	164	38	161	32	3	-	-	-	-	-	2	-
OTHER TRANSPORTATION	10	78	5	78	5	-	-	-	-	-	-	8
COMMUNICATIONS	761	650	706	569	55	74	-	2	-	5	14	6
RADIO AND TELEVISION BROADCASTING	182	81	161	74	21	7	-	-	-	-	6	-
TELEPHONE (WIRE AND RADIO)	556	564	522	490	34	67	-	2	-	5	8	6
TELEGRAPH AND MISCELLANEOUS COMMUNICATION SERVICES	23	5	23	5	-	-	-	-	-	-	-	-
UTILITIES AND SANITARY SERVICES	908	258	840	241	42	17	18	-	8	-	12	-
ELECTRIC AND GAS UTILITIES	671	222	625	205	32	17	12	-	2	-	12	-
WATER SUPPLY, SANITARY SERVICES, AND OTHER UTILITIES	237	36	215	36	10	-	6	-	6	-	-	-
WHOLESALE TRADE	3 436	1 041	3 326	995	91	38	15	-	-	6	37	7
DURABLE GOODS	1 972	562	1 904	549	65	13	3	-	-	-	25	-
MOTOR VEHICLES AND EQUIPMENT	236	46	236	46	-	-	-	-	-	-	3	-
LUMBER AND CONSTRUCTION MATERIALS	123	49	123	49	-	-	-	-	-	-	2	-
ELECTRICAL GOODS	135	78	127	78	8	-	-	-	-	-	-	-
HARDWARE, PLUMBING AND HEATING SUPPLIES	303	86	303	80	-	6	-	-	-	-	-	-
MACHINERY, EQUIPMENT, AND SUPPLIES	861	263	834	256	26	7	1	-	-	-	8	-
OTHER WHOLESALE, DURABLE GOODS	314	40	281	40	31	-	2	-	-	-	12	-
NONDURABLE GOODS	1 464	479	1 422	446	26	25	12	-	-	6	12	7
DRUGS, CHEMICALS, AND ALLIED PRODUCTS	92	88	84	82	-	-	8	-	-	6	-	-
GROCERIES AND FARM PRODUCTS	765	91	742	82	17	7	2	-	-	-	12	7
PETROLEUM PRODUCTS	94	27	94	27	-	-	-	-	-	-	-	-
OTHER WHOLESALE, NONDURABLE GOODS	513	273	502	255	9	18	2	-	-	-	-	-
RETAIL TRADE	10 271	11 908	9 691	11 433	451	380	57	31	17	38	108	119
HARDWARE AND BUILDING MATERIAL RETAILING	592	187	563	187	-	-	15	-	-	-	14	-
GENERAL MERCHANDISE STORES	846	1 690	760	1 593	86	97	-	-	-	-	-	17
DEPARTMENT STORES	747	1 468	666	1 371	81	97	-	-	-	-	-	9
FOOD, BAKERY, AND DAIRY STORES	1 468	1 462	1 379	1 394	73	54	11	2	-	6	18	6
MOTOR VEHICLE DEALERS	1 063	223	1 015	223	45	-	3	-	-	-	5	-
AUTO AND HOME SUPPLY STORES	287	49	278	49	3	-	6	-	-	-	-	-
GASOLINE SERVICE STATIONS	607	132	565	132	30	-	7	-	-	-	15	5
MISCELLANEOUS VEHICLE DEALERS	138	24	138	24	-	-	-	-	-	-	-	-
APPAREL AND ACCESSORY STORES	419	970	384	933	23	28	6	6	-	3	6	10
FURNITURE, HOME FURNISHINGS, AND APPLIANCE STORES	788	479	743	479	37	-	-	-	8	-	-	-
EATING AND DRINKING PLACES	2 721	4 640	2 566	4 448	114	126	7	23	9	29	44	71
DRUG STORES	169	355	169	355	-	-	-	-	-	-	-	-
OTHER RETAIL TRADE	1 173	1 697	1 131	1 616	40	75	2	-	-	-	6	10
FINANCE, INSURANCE, AND REAL ESTATE	2 601	3 173	2 544	2 999	45	165	-	-	12	9	2	-
BANKING	647	1 355	643	1 262	4	84	-	-	-	9	-	-
CREDIT AGENCIES, OTHER THAN BANKS	131	292	131	273	-	19	-	-	-	-	-	-
SECURITY, COMMODITY BROKERAGE, AND INVESTMENT COMPANIES	113	65	113	65	-	-	-	-	-	-	-	-
INSURANCE	677	685	666	672	11	13	-	-	-	-	-	-
REAL ESTATE, INCLUDING REAL ESTATE-INSURANCE-LAW OFFICES	1 033	776	991	727	30	49	-	-	12	-	2	-
BUSINESS AND REPAIR SERVICES	3 009	1 485	2 867	1 424	121	40	7	2	6	-	25	19
ADVERTISING	154	106	150	106	4	-	-	-	-	-	-	-
SERVICES TO DWELLINGS AND OTHER BUILDINGS	284	140	268	127	10	11	-	2	6	-	2	-
COMMERCIAL RESEARCH, MANAGEMENT, AND DATA PROCESSING SERVICES	505	433	487	431	13	2	5	-	-	-	-	-
DETECTIVE AND PROTECTIVE SERVICES	214	74	171	67	37	-	-	-	-	-	6	7
OTHER BUSINESS SERVICES	426	574	426	542	-	20	-	-	-	-	-	12
AUTOMOTIVE REPAIR AND SERVICES	947	110	905	103	40	7	2	-	-	-	8	-
OTHER REPAIR SERVICES	479	48	460	48	17	-	-	-	-	-	9	-

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

TABLE 227. (B) INDUSTRY OF THE EXPERIENCED CIVILIAN LABOR FORCE BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

KALAMAZOO-PORTAGE, MI SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
PERSONAL SERVICES	1 115	2 769	1 050	2 508	58	233	-	19	7	9	13	30
PRIVATE HOUSEHOLDS	67	764	67	681	-	83	-	-	-	-	-	24
HOTELS AND LODGING PLACES	423	729	389	652	27	70	-	7	7	-	13	-
LAUNDRY, CLEANING, AND GARMENT SERVICES	314	505	294	423	20	67	-	6	-	9	-	6
BARBER AND BEAUTY SHOPS	159	531	148	512	11	13	-	6	-	-	-	-
OTHER PERSONAL SERVICES	152	240	152	240	-	-	-	-	-	-	-	-
ENTERTAINMENT AND RECREATION SERVICES	651	573	645	561	5	5	-	7	1	-	4	-
THEATERS AND MOTION PICTURES	161	177	161	172	-	5	-	-	-	-	4	-
OTHER ENTERTAINMENT AND RECREATION SERVICES	490	396	484	389	5	-	-	7	1	-	-	-
PROFESSIONAL AND RELATED SERVICES	11 311	20 883	10 367	18 943	731	1 580	36	119	153	157	114	189
HEALTH SERVICES	2 940	8 818	2 675	7 934	210	717	7	46	40	81	50	113
OFFICES OF HEALTH PRACTITIONERS	504	1 273	472	1 251	7	17	-	-	25	5	9	-
HOSPITALS	2 002	5 388	1 803	4 836	169	448	7	23	15	55	24	84
NURSING AND PERSONAL CARE FACILITIES	218	1 590	195	1 349	23	197	-	15	-	15	-	29
HEALTH SERVICES, N.E.C.	216	567	205	498	11	55	-	8	-	6	17	-
LEGAL SERVICES	433	374	421	363	12	4	-	-	-	7	-	-
EDUCATIONAL SERVICES	6 117	9 485	5 544	8 628	424	709	24	73	109	57	54	49
ELEMENTARY AND SECONDARY SCHOOLS	3 044	5 704	2 792	5 235	223	392	15	43	14	32	19	26
GOVERNMENT	2 604	4 853	2 373	4 453	204	333	13	40	14	27	19	11
COLLEGES AND UNIVERSITIES	2 964	3 327	2 656	2 986	193	291	9	22	95	20	35	15
GOVERNMENT	2 423	2 233	2 182	2 029	146	160	7	22	77	14	26	13
LIBRARIES	51	247	38	222	8	9	-	8	-	-	-	8
OTHER EDUCATIONAL SERVICES	58	207	58	185	-	17	-	-	-	5	-	-
SOCIAL SERVICES	387	1 067	329	916	53	118	5	-	-	12	-	25
CHILD DAY CARE SERVICES	18	398	12	362	6	31	-	-	-	-	-	9
RESIDENTIAL CARE FACILITIES, WITHOUT NURSING	95	186	77	175	18	11	-	-	-	-	-	-
OTHER SOCIAL SERVICES	274	483	240	379	29	76	5	-	-	12	-	16
MUSEUMS, ART GALLERIES, AND ZOOS	36	19	36	19	-	-	-	-	-	-	-	-
RELIGIOUS ORGANIZATIONS	522	380	516	366	6	14	-	-	-	-	-	-
ENGINEERING, ARCHITECTURAL, AND SURVEYING SERVICES	348	80	342	80	2	-	-	-	4	-	-	-
ACCOUNTING, AUDITING, AND BOOKKEEPING SERVICES	239	256	239	244	-	7	-	-	-	-	-	-
NONCOMMERCIAL EDUCATIONAL AND SCIENTIFIC RESEARCH	12	22	12	22	-	-	-	-	-	-	-	-
MISCELLANEOUS PROFESSIONAL AND RELATED SERVICES	277	382	253	371	24	11	-	-	-	-	10	2
PUBLIC ADMINISTRATION	2 312	1 730	2 074	1 494	200	211	25	11	-	9	16	20
EXECUTIVE AND LEGISLATIVE OFFICES	46	112	46	84	-	18	-	2	-	8	-	-
GENERAL GOVERNMENT, N.E.C.	583	453	479	382	81	61	20	9	-	1	9	2
LOCAL GOVERNMENT	406	302	344	256	51	39	8	6	-	1	-	2
JUSTICE, PUBLIC ORDER, AND SAFETY	961	467	901	408	52	54	5	-	-	-	6	10
LOCAL GOVERNMENT	796	423	744	366	47	52	5	-	-	-	3	10
PUBLIC FINANCE, TAXATION, AND MONETARY POLICY	65	68	65	68	-	-	-	-	-	-	-	-
ADMINISTRATION OF HUMAN RESOURCES PROGRAMS	226	453	208	389	18	64	-	-	-	-	-	8
ADMINISTRATION OF ENVIRONMENTAL QUALITY AND HOUSING PROGRAMS	112	39	93	39	19	-	-	-	-	-	-	-
ADMINISTRATION OF ECONOMIC PROGRAMS	180	96	153	86	27	10	-	-	-	-	-	-
NATIONAL SECURITY AND INTERNATIONAL AFFAIRS	139	42	129	38	3	4	-	-	-	-	1	-
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY INDUSTRY	115	267	90	216	20	26	-	9	-	-	5	16
LAST JOB ARMED FORCES	42	6	42	6	-	-	-	-	-	-	-	-
LAST WORKED 1974 OR EARLIER	73	261	48	210	20	26	-	9	-	-	5	16

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

TABLE 227. (B) INDUSTRY OF THE EXPERIENCED CIVILIAN LABOR FORCE BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

LANSING-EAST LANSING, MI SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
EXPERIENCED CIVILIAN LABOR FORCE 16 YEARS AND OVER	128 160	98 536	119 692	91 325	5 295	4 987	609	433	893	686	3 208	2 186
AGRICULTURE, FORESTRY, AND FISHERIES	4 296	955	4 205	928	31	21	9	-	4	5	49	1
AGRICULTURAL PRODUCTION	3 829	641	3 747	623	22	12	9	-	4	5	49	1
AGRICULTURAL SERVICES, INCLUDING HORTICULTURAL	391	289	382	280	9	9	-	-	-	-	-	-
FORESTRY AND FISHERIES	76	25	76	25	-	-	-	-	-	-	-	-
MINING	341	64	335	62	2	-	4	2	-	-	-	-
METAL MINING	6	8	6	8	-	-	-	-	-	-	-	-
COAL MINING	-	-	-	-	-	-	-	-	-	-	-	-
CRUDE PETROLEUM AND NATURAL GAS EXTRACTION	208	46	202	44	2	-	4	2	-	-	-	-
NONMETALLIC MINING AND QUARRYING, EXCEPT FUEL	127	10	127	10	-	-	-	-	-	-	-	-
CONSTRUCTION	10 106	919	9 575	879	236	21	33	9	4	-	405	22
MANUFACTURING	38 979	10 616	35 962	9 599	2 028	839	215	44	143	14	1 276	290
NONDURABLE GOODS	5 063	3 067	4 860	2 962	99	81	22	8	35	3	125	64
MEAT PRODUCTS	126	60	124	60	-	-	-	-	-	-	2	-
DAIRY PRODUCTS	383	111	374	83	9	24	-	2	-	-	6	2
CANNED AND PRESERVED FRUITS AND VEGETABLES	139	117	139	117	-	-	-	-	-	-	5	13
BAKERY PRODUCTS	278	61	263	57	10	-	-	-	-	-	19	4
BEVERAGE INDUSTRIES	97	12	90	12	-	-	7	-	-	-	7	-
OTHER FOOD INDUSTRIES	392	181	373	181	13	-	2	-	-	-	9	14
TOBACCO MANUFACTURES	-	-	-	-	-	-	-	-	-	-	-	-
KNITTING MILLS	6	-	6	-	-	-	-	-	-	-	-	-
YARN, THREAD, AND FABRIC MILLS	35	8	35	8	-	-	-	-	-	-	-	-
OTHER TEXTILE MILL PRODUCTS	-	5	-	5	-	-	-	-	-	-	-	-
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	145	274	137	268	5	6	-	-	-	-	10	10
PAPER AND ALLIED PRODUCTS	218	138	214	131	4	6	-	1	-	-	-	-
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	1 572	1 220	1 518	1 182	35	29	-	2	-	-	38	21
NEWSPAPER PUBLISHING AND PRINTING	705	536	676	514	14	16	-	-	-	-	34	20
CHEMICALS AND ALLIED PRODUCTS	614	305	554	293	20	8	13	1	20	3	20	-
PLASTICS, SYNTHETICS, AND RESINS	144	116	130	115	5	-	-	1	9	-	-	-
DRUGS	46	16	46	8	-	8	-	-	-	-	2	-
PETROLEUM AND COAL PRODUCTS	45	13	45	5	-	8	-	-	-	-	-	-
PETROLEUM REFINING	43	13	43	5	-	8	-	-	-	-	-	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS	986	537	961	535	3	-	-	2	15	-	9	-
FOOTWEAR, EXCEPT RUBBER AND PLASTIC	19	25	19	25	-	-	-	-	-	-	-	-
LEATHER AND LEATHER PRODUCTS, EXCEPT FOOTWEAR	8	-	8	-	-	-	-	-	-	-	-	-
DURABLE GOODS	33 765	7 498	30 956	6 586	1 924	758	193	36	108	11	1 149	226
LOGGING	52	3	52	3	-	-	-	-	-	-	2	-
SAWMILLS, PLANING MILLS, AND MILLWORK	273	27	261	23	3	4	7	-	2	-	-	-
WOOD BUILDINGS, MOBILE HOMES, AND MISCELLANEOUS WOOD PRODUCTS	92	21	87	15	3	-	-	6	-	-	2	-
FURNITURE AND FIXTURES	401	145	385	145	11	-	5	-	-	-	-	3
STONE, CLAY, GLASS, AND CONCRETE PRODUCTS	723	350	710	334	7	16	-	-	4	-	7	5
GLASS AND GLASS PRODUCTS	401	318	392	302	7	16	-	-	-	-	7	5
CEMENT, CONCRETE, GYPSUM, AND PLASTER PRODUCTS	216	23	216	23	-	-	-	-	-	-	-	-
PRIMARY METAL INDUSTRIES	969	419	923	398	16	5	18	6	5	2	13	23
BLAST FURNACES, STEELWORKS, ROLLING AND FINISHING MILLS	119	16	110	16	9	-	-	-	-	-	-	-
IRON AND STEEL FOUNDRIES	171	26	152	26	7	-	12	-	-	-	-	6
PRIMARY NONFERROUS INDUSTRIES	679	377	661	356	-	5	6	6	5	2	13	17
FABRICATED METAL INDUSTRIES	3 046	763	2 870	757	103	-	10	-	-	-	116	10
CUTLERY, HANDTOOLS, AND OTHER HARDWARE	156	74	156	74	-	-	-	-	-	-	-	-
FABRICATED STRUCTURAL METAL PRODUCTS	625	207	605	207	4	-	6	-	-	-	17	2
METAL FORGINGS AND STAMPINGS	1 697	175	1 574	175	87	-	4	-	-	-	73	2
MACHINERY, EXCEPT ELECTRICAL	4 187	1 169	4 056	1 147	64	3	9	-	22	7	53	22
FARM MACHINERY AND EQUIPMENT	102	42	96	42	6	-	-	-	-	-	-	-
CONSTRUCTION AND MATERIAL HANDLING MACHINES	461	25	461	25	-	-	-	-	-	-	2	-
METALWORKING MACHINERY	1 447	191	1 388	184	25	-	9	-	9	7	27	-
OFFICE, ACCOUNTING, AND COMPUTING MACHINES	165	39	165	39	-	-	-	-	-	-	-	-
OTHER MACHINERY, EXCEPT ELECTRICAL	2 012	872	1 946	857	33	3	-	-	13	-	24	22
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	557	340	546	322	-	11	-	2	9	-	2	7
HOUSEHOLD APPLIANCES	229	195	229	193	-	-	-	2	-	-	-	2
RADIO, TV, AND COMMUNICATION EQUIPMENT	89	14	87	3	-	6	-	-	-	-	2	5
OTHER ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	239	131	230	126	-	5	-	-	9	-	-	-

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

TABLE 227. (B) INDUSTRY OF THE EXPERIENCED CIVILIAN LABOR FORCE BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

LANSING-EAST LANSING, MI SMSA	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TRANSPORTATION EQUIPMENT	23 211	4 120	20 834	3 303	1 695	717	144	22	66	2	954	149
MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT	23 044	4 057	20 678	3 243	1 690	714	144	22	66	2	948	149
AIRCRAFT, SPACE VEHICLES, AND PARTS	78	30	78	27	-	3	-	-	-	-	-	-
SHIP AND BOAT BUILDING AND REPAIRING	43	26	38	26	5	-	-	-	-	-	-	-
OTHER TRANSPORTATION EQUIPMENT	46	7	40	7	-	-	-	-	-	-	6	-
PROFESSIONAL AND PHOTOGRAPHIC EQUIPMENT AND WATCHES	90	72	90	72	-	-	-	-	-	-	-	-
MISCELLANEOUS MANUFACTURING INDUSTRIES	164	69	142	67	22	2	-	-	-	-	-	7
NOT SPECIFIED MANUFACTURING INDUSTRIES	151	51	146	51	5	-	-	-	-	-	2	-
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	6 800	2 881	6 367	2 601	364	230	38	17	17	7	59	56
TRANSPORTATION	3 893	1 307	3 637	1 180	215	86	20	12	14	7	45	32
RAILROADS	360	7	353	7	4	-	-	-	-	-	14	-
BUS SERVICE AND URBAN TRANSIT	279	197	237	182	42	10	-	5	-	-	-	-
TAXICAB SERVICE	70	11	70	11	-	-	-	-	-	-	-	-
TRUCKING SERVICE AND WAREHOUSING	2 039	353	1 902	300	113	46	20	7	-	-	31	3
U.S. POSTAL SERVICE	860	448	807	408	51	30	-	-	2	-	-	10
WATER TRANSPORTATION	7	3	7	3	-	-	-	-	-	-	-	-
AIR TRANSPORTATION	229	75	217	63	5	-	-	-	7	-	-	12
OTHER TRANSPORTATION	49	213	44	206	-	-	-	-	5	7	-	7
COMMUNICATIONS	1 099	1 183	1 034	1 077	61	99	4	5	-	-	7	20
RADIO AND TELEVISION BROADCASTING	280	158	272	150	8	8	-	-	-	-	-	7
TELEPHONE (WIRE AND RADIO)	730	1 002	673	904	53	91	4	5	-	-	7	13
TELEGRAPH AND MISCELLANEOUS COMMUNICATION SERVICES	89	23	89	23	-	-	-	-	-	-	-	-
UTILITIES AND SANITARY SERVICES	1 808	391	1 696	344	88	45	14	-	3	-	7	4
ELECTRIC AND GAS UTILITIES	1 149	323	1 104	282	45	39	-	-	-	-	-	4
WATER SUPPLY, SANITARY SERVICES, AND OTHER UTILITIES	659	68	592	62	43	6	14	-	3	-	7	-
WHOLESALE TRADE	5 480	1 713	5 292	1 645	75	62	18	-	18	-	121	32
DURABLE GOODS	3 164	1 000	3 036	937	63	57	18	-	-	-	71	26
MOTOR VEHICLES AND EQUIPMENT	676	196	621	188	29	8	18	-	-	-	18	9
LUMBER AND CONSTRUCTION MATERIALS	179	55	179	55	-	-	-	-	-	-	-	-
ELECTRICAL GOODS	179	78	160	78	4	-	-	-	-	-	15	-
HARDWARE, PLUMBING AND HEATING SUPPLIES	414	83	395	83	16	-	-	-	-	-	3	-
MACHINERY, EQUIPMENT, AND SUPPLIES	1 261	477	1 235	428	14	43	-	-	-	-	18	17
OTHER WHOLESALE, DURABLE GOODS	455	111	446	105	-	6	-	-	-	-	17	-
NONDURABLE GOODS	2 316	713	2 256	708	12	5	-	-	18	-	50	6
DRUGS, CHEMICALS, AND ALLIED PRODUCTS	115	34	115	34	-	-	-	-	-	-	-	-
GROCERIES AND FARM PRODUCTS	1 204	285	1 164	285	3	-	-	-	7	-	45	4
PETROLEUM PRODUCTS	136	27	136	27	-	-	-	-	-	-	-	-
OTHER WHOLESALE, NONDURABLE GOODS	861	367	841	362	9	5	-	-	11	-	5	2
RETAIL TRADE	17 491	19 020	16 444	18 107	578	492	100	76	136	168	394	422
HARDWARE AND BUILDING MATERIAL RETAILING	728	284	728	277	-	7	-	-	-	-	3	-
GENERAL MERCHANDISE STORES	1 652	3 136	1 536	2 925	55	123	9	9	30	16	34	111
DEPARTMENT STORES	1 519	2 862	1 403	2 662	55	112	9	9	30	16	34	92
FOOD, BAKERY, AND DAIRY STORES	2 845	2 378	2 635	2 263	137	65	6	8	14	32	106	29
MOTOR VEHICLE DEALERS	1 874	333	1 787	333	39	-	7	-	4	-	29	-
AUTO AND HOME SUPPLY STORES	429	105	412	105	17	-	-	-	-	-	-	-
GASOLINE SERVICE STATIONS	1 014	235	975	235	9	-	7	-	2	-	29	5
MISCELLANEOUS VEHICLE DEALERS	83	37	73	37	-	-	2	-	-	-	-	-
APPAREL AND ACCESSORY STORES	530	1 422	475	1 361	23	32	-	-	21	23	20	29
FURNITURE, HOME FURNISHINGS, AND APPLIANCE STORES	1 137	707	1 120	694	13	-	-	6	-	-	13	7
EATING AND DRINKING PLACES	4 944	7 151	4 565	6 751	216	215	41	39	58	73	109	192
DRUG STORES	211	519	197	505	6	14	8	-	-	-	-	8
OTHER RETAIL TRADE	2 044	2 713	1 941	2 621	63	36	20	14	7	24	51	41
FINANCE, INSURANCE, AND REAL ESTATE	4 828	7 217	4 613	6 786	153	298	28	7	15	36	65	144
BANKING	1 032	2 384	971	2 222	47	106	7	2	-	9	7	53
CREDIT AGENCIES, OTHER THAN BANKS	235	720	235	688	-	22	-	-	-	5	-	8
SECURITY, COMMODITY BROKERAGE, AND INVESTMENT COMPANIES	207	109	207	103	-	-	-	-	-	6	9	-
INSURANCE	1 791	2 592	1 721	2 452	51	96	-	5	7	10	23	52
REAL ESTATE, INCLUDING REAL ESTATE-INSURANCE-LAW OFFICES	1 563	1 412	1 479	1 321	55	74	21	-	8	6	26	31
BUSINESS AND REPAIR SERVICES	4 306	2 501	4 083	2 312	121	105	45	21	15	6	95	91
ADVERTISING	230	166	216	156	-	-	-	10	-	-	6	-
SERVICES TO DWELLINGS AND OTHER BUILDINGS	469	218	417	172	40	34	2	5	-	-	12	21
COMMERCIAL RESEARCH, MANAGEMENT, AND DATA PROCESSING SERVICES	568	533	553	494	8	6	4	6	3	-	7	25
DETECTIVE AND PROTECTIVE SERVICES	210	63	188	63	2	-	20	-	-	-	-	-
OTHER BUSINESS SERVICES	672	1 178	618	1 084	41	65	-	-	6	6	15	45
AUTOMOTIVE REPAIR AND SERVICES	1 386	201	1 349	201	23	-	-	-	6	-	46	-
OTHER REPAIR SERVICES	771	142	742	142	7	-	19	-	-	-	9	-

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

TABLE 227. (B) INDUSTRY OF THE EXPERIENCED CIVILIAN LABOR FORCE BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

LANSING-EAST LANSING, MI SMSA	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
PERSONAL SERVICES	1 360	4 268	1 252	3 990	91	147	-	25	-	27	38	170
PRIVATE HOUSEHOLDS	113	1 172	98	1 110	15	32	-	3	-	-	-	41
HOTELS AND LODGING PLACES	572	1 284	524	1 209	37	59	-	14	-	-	32	54
LAUNDRY, CLEANING, AND GARMENT SERVICES	283	527	256	483	21	5	-	-	-	11	6	33
BARBER AND BEAUTY SHOPS	219	1 028	208	937	11	45	-	8	-	16	-	42
OTHER PERSONAL SERVICES	173	257	166	251	7	6	-	-	-	-	-	-
ENTERTAINMENT AND RECREATION SERVICES	916	619	860	589	46	9	-	-	5	3	10	23
THEATERS AND MOTION PICTURES	309	177	291	172	13	5	-	-	-	-	8	-
OTHER ENTERTAINMENT AND RECREATION SERVICES	607	442	569	417	33	4	-	-	5	3	2	23
PROFESSIONAL AND RELATED SERVICES	21 508	36 185	19 994	33 482	834	1 886	70	122	446	346	400	673
HEALTH SERVICES	3 229	10 731	3 028	10 062	79	413	17	59	76	115	64	211
OFFICES OF HEALTH PRACTITIONERS	821	1 882	776	1 829	5	24	2	-	33	29	28	30
HOSPITALS	1 681	6 163	1 556	5 762	56	228	15	45	43	70	23	138
NURSING AND PERSONAL CARE FACILITIES	243	1 648	229	1 503	8	113	-	7	-	6	6	38
HEALTH SERVICES, N.E.C.	484	1 038	467	968	10	48	-	7	-	10	7	5
LEGAL SERVICES	659	694	659	690	-	2	-	-	-	-	5	2
EDUCATIONAL SERVICES	14 196	19 923	13 081	18 303	621	1 168	41	45	337	207	281	366
ELEMENTARY AND SECONDARY SCHOOLS	4 357	10 065	4 111	9 364	189	516	21	32	13	46	45	193
GOVERNMENT	3 839	8 620	3 609	7 966	173	476	21	32	13	46	40	174
COLLEGES AND UNIVERSITIES	9 697	9 324	8 842	8 433	424	633	20	13	324	156	230	160
GOVERNMENT	8 089	7 078	7 415	6 432	316	462	20	6	271	121	176	124
LIBRARIES	63	323	63	304	-	19	-	-	-	-	-	9
OTHER EDUCATIONAL SERVICES	79	211	65	202	8	-	-	-	-	5	6	4
SOCIAL SERVICES	1 100	2 655	1 010	2 345	66	240	6	10	10	6	16	73
CHILD DAY CARE SERVICES	59	474	52	439	7	22	-	-	-	-	-	13
RESIDENTIAL CARE FACILITIES, WITHOUT NURSING	112	306	106	290	5	6	-	2	-	-	1	6
OTHER SOCIAL SERVICES	929	1 875	852	1 616	54	212	6	8	10	6	15	54
MUSEUMS, ART GALLERIES, AND ZOOS	43	68	37	52	6	16	-	-	-	-	-	-
RELIGIOUS ORGANIZATIONS	704	610	687	606	17	4	-	-	-	-	9	-
ENGINEERING, ARCHITECTURAL, AND SURVEYING SERVICES	653	185	617	185	7	-	-	-	23	-	15	-
ACCOUNTING, AUDITING, AND BOOKKEEPING SERVICES	289	425	289	409	-	-	-	-	-	16	-	-
NONCOMMERCIAL EDUCATIONAL AND SCIENTIFIC RESEARCH	54	112	54	106	-	4	-	-	-	2	-	5
MISCELLANEOUS PROFESSIONAL AND RELATED SERVICES	581	782	532	724	38	39	6	8	-	-	10	16
PUBLIC ADMINISTRATION	11 474	11 117	10 479	10 001	717	818	49	94	84	66	258	207
EXECUTIVE AND LEGISLATIVE OFFICES	512	1 059	459	943	49	98	-	2	4	-	-	7
GENERAL GOVERNMENT, N.E.C.	3 570	4 423	3 171	3 887	273	352	16	34	36	54	141	123
LOCAL GOVERNMENT	671	694	590	602	69	72	6	3	-	10	11	20
JUSTICE, PUBLIC ORDER, AND SAFETY	3 320	1 548	3 141	1 461	141	70	17	11	-	-	32	17
LOCAL GOVERNMENT	1 478	707	1 403	675	46	32	15	-	-	-	14	7
PUBLIC FINANCE, TAXATION, AND MONETARY POLICY	589	754	539	711	29	33	-	10	8	-	13	6
ADMINISTRATION OF HUMAN RESOURCES PROGRAMS	956	1 583	829	1 459	91	100	6	19	22	-	17	26
ADMINISTRATION OF ENVIRONMENTAL QUALITY AND HOUSING PROGRAMS	553	324	511	279	36	39	-	-	-	6	26	-
ADMINISTRATION OF ECONOMIC PROGRAMS	1 585	1 309	1 450	1 151	88	119	10	18	14	6	29	28
NATIONAL SECURITY AND INTERNATIONAL AFFAIRS	389	117	379	110	10	7	-	-	-	-	-	-
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY INDUSTRY	275	461	231	344	19	59	-	16	6	8	38	55
LAST JOB ARMED FORCES	112	20	101	20	-	-	-	-	-	-	11	-
LAST WORKED 1974 OR EARLIER	163	441	130	324	19	59	-	16	6	8	27	55

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

TABLE 227. (B) INDUSTRY OF THE EXPERIENCED CIVILIAN LABOR FORCE BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

TOLEDO, OH-MI SMSA	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
EXPERIENCED CIVILIAN LABOR FORCE 16 YEARS AND OVER	212 392	149 176	195 185	134 101	13 483	12 783	466	293	954	679	4 581	2 874
AGRICULTURE, FORESTRY, AND FISHERIES	4 511	1 313	4 379	1 209	49	11	2	6	-	6	121	130
AGRICULTURAL PRODUCTION	3 645	1 014	3 548	915	19	6	2	6	-	6	105	130
AGRICULTURAL SERVICES, INCLUDING HORTICULTURAL	778	292	745	292	28	-	-	-	-	-	16	-
FORESTRY AND FISHERIES	88	7	86	2	2	5	-	-	-	-	-	-
MINING	648	40	626	40	8	-	5	-	-	-	9	-
METAL MINING	18	-	18	-	-	-	-	-	-	-	-	-
COAL MINING	13	7	13	7	-	-	-	-	-	-	-	-
CRUDE PETROLEUM AND NATURAL GAS EXTRACTION	67	5	67	5	-	-	-	-	-	-	-	-
NONMETALLIC MINING AND QUARRYING, EXCEPT FUEL	550	28	528	28	8	-	5	-	-	-	9	-
CONSTRUCTION	19 220	1 572	17 951	1 536	967	36	31	-	35	-	393	12
MANUFACTURING	79 198	24 754	71 961	21 562	5 637	2 561	141	50	269	158	2 277	793
NONDURABLE GOODS	15 084	7 478	13 812	6 574	958	619	24	27	45	76	449	310
MEAT PRODUCTS	273	135	257	116	6	8	-	-	-	-	21	15
DAIRY PRODUCTS	314	152	298	152	6	-	-	-	-	-	17	-
CANNED AND PRESERVED FRUITS AND VEGETABLES	690	520	542	426	121	78	4	-	-	-	49	37
BAKERY PRODUCTS	310	180	242	162	61	14	-	-	-	-	11	8
BEVERAGE INDUSTRIES	329	34	280	34	42	-	-	-	-	-	7	-
OTHER FOOD INDUSTRIES	1 177	514	1 072	454	68	31	13	6	12	11	34	30
TOBACCO MANUFACTURES	6	6	6	6	-	-	-	-	-	-	-	-
KNITTING MILLS	7	-	7	-	-	-	-	-	-	-	-	-
YARN, THREAD, AND FABRIC MILLS	70	20	70	20	-	-	-	-	-	-	-	-
OTHER TEXTILE MILL PRODUCTS	654	168	583	157	49	11	-	-	12	-	26	6
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	139	379	132	304	7	41	-	8	-	16	9	10
PAPER AND ALLIED PRODUCTS	2 657	1 267	2 477	1 104	135	104	-	8	5	6	67	74
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	2 137	1 419	2 058	1 336	53	73	-	-	-	8	38	21
NEWSPAPER PUBLISHING AND PRINTING	980	657	946	607	29	42	-	-	-	8	12	17
CHEMICALS AND ALLIED PRODUCTS	2 744	812	2 515	678	171	101	7	-	13	5	62	24
PLASTICS, SYNTHETICS, AND RESINS	744	258	690	213	52	38	-	-	-	-	9	7
DRUGS	71	15	56	9	7	6	-	-	8	-	-	-
PETROLEUM AND COAL PRODUCTS	1 441	179	1 279	154	140	25	-	-	3	-	25	6
PETROLEUM REFINING	1 354	164	1 194	139	138	25	-	-	3	-	25	6
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS	2 103	1 658	1 967	1 436	93	133	-	5	-	30	83	79
FOOTWEAR, EXCEPT RUBBER AND PLASTIC	6	14	-	14	6	-	-	-	-	-	-	-
LEATHER AND LEATHER PRODUCTS, EXCEPT FOOTWEAR	27	21	27	21	-	-	-	-	-	-	-	-
DURABLE GOODS	63 929	17 155	58 006	14 895	4 643	1 919	117	23	224	77	1 822	483
LOGGING	11	7	11	7	-	-	-	-	-	-	-	-
SAWMILLS, PLANING MILLS, AND MILLWORK	338	90	318	80	-	10	-	-	10	-	10	-
WOOD BUILDINGS, MOBILE HOMES, AND MISCELLANEOUS WOOD PRODUCTS	523	137	462	126	54	-	-	-	5	-	9	5
FURNITURE AND FIXTURES	1 295	863	1 263	825	22	28	-	-	-	-	90	45
STONE, CLAY, GLASS, AND CONCRETE PRODUCTS	10 528	3 413	9 769	2 958	592	405	18	-	41	14	244	75
GLASS AND GLASS PRODUCTS	7 640	2 273	7 031	1 885	491	362	17	-	28	6	153	32
CEMENT, CONCRETE, GYPSUM, AND PLASTER PRODUCTS	1 384	142	1 323	135	29	-	1	-	-	1	68	13
PRIMARY METAL INDUSTRIES	6 163	1 080	5 057	935	945	118	24	-	13	7	230	47
BLAST FURNACES, STEELWORKS, ROLLING AND FINISHING MILLS	2 321	237	1 956	213	325	24	8	-	-	-	61	-
IRON AND STEEL FOUNDRIES	1 281	248	965	240	279	8	8	-	-	-	30	-
PRIMARY NONFERROUS INDUSTRIES	2 561	595	2 136	482	341	86	8	-	13	7	139	47
FABRICATED METAL INDUSTRIES	7 996	1 882	7 213	1 644	570	190	20	8	35	6	308	68
CUTLERY, HANDTOOLS, AND OTHER HARDWARE	110	22	101	22	-	-	-	-	-	-	9	-
FABRICATED STRUCTURAL METAL PRODUCTS	1 475	264	1 350	256	106	8	1	-	5	-	36	-
METAL FORGINGS AND STAMPINGS	4 214	967	3 807	811	289	130	14	-	5	-	192	50
MACHINERY, EXCEPT ELECTRICAL	8 698	1 975	8 177	1 750	367	186	11	8	31	10	195	33
FARM MACHINERY AND EQUIPMENT	195	42	186	32	9	10	-	-	-	-	-	9
CONSTRUCTION AND MATERIAL HANDLING MACHINES	704	167	698	154	6	-	-	-	-	2	5	11
METALWORKING MACHINERY	2 781	438	2 691	412	53	17	11	-	2	-	55	9
OFFICE, ACCOUNTING, AND COMPUTING MACHINES	435	156	400	150	35	6	-	-	-	-	7	-
OTHER MACHINERY, EXCEPT ELECTRICAL	4 583	1 172	4 202	1 002	264	153	-	8	29	8	128	4
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	3 291	1 875	3 115	1 693	134	164	-	-	24	4	72	47
HOUSEHOLD APPLIANCES	253	80	249	64	-	14	-	-	-	-	27	4
RADIO, TV, AND COMMUNICATION EQUIPMENT	128	76	113	76	8	-	-	-	-	-	11	-
OTHER ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	2 910	1 719	2 753	1 553	126	150	-	-	24	4	34	43

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

TABLE 227. (B) INDUSTRY OF THE EXPERIENCED CIVILIAN LABOR FORCE BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

TOLEDO, OH-MI SMSA	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TRANSPORTATION EQUIPMENT	23 648	4 589	21 285	3 722	1 898	752	44	7	35	25	643	137
MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT	22 007	4 284	19 748	3 448	1 844	735	26	7	23	17	599	125
AIRCRAFT, SPACE VEHICLES, AND PARTS	658	132	626	114	11	5	9	-	12	8	-	5
SHIP AND BOAT BUILDING AND REPAIRING	649	11	597	11	35	-	6	-	-	-	11	-
OTHER TRANSPORTATION EQUIPMENT	334	162	314	149	8	12	3	-	-	-	33	7
PROFESSIONAL AND PHOTOGRAPHIC EQUIPMENT AND WATCHES	536	670	504	621	12	30	-	-	13	11	7	8
MISCELLANEOUS MANUFACTURING INDUSTRIES	902	574	832	534	49	36	-	-	17	-	14	18
NOT SPECIFIED MANUFACTURING INDUSTRIES	185	121	143	93	36	23	-	-	-	5	6	-
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	23 591	4 821	22 052	4 191	1 298	569	67	17	13	26	371	47
TRANSPORTATION	16 141	2 445	15 205	2 186	778	226	35	7	-	13	260	27
RAILROADS	4 825	196	4 664	186	121	10	15	-	-	-	89	9
BUS SERVICE AND URBAN TRANSIT	497	228	439	194	30	34	-	-	-	-	22	5
TAXICAB SERVICE	163	46	120	46	33	-	-	-	-	-	10	-
TRUCKING SERVICE AND WAREHOUSING	7 728	824	7 346	789	316	19	12	-	-	13	86	3
U.S. POSTAL SERVICE	1 335	717	1 150	570	176	147	3	-	-	-	16	-
WATER TRANSPORTATION	935	60	890	60	40	-	5	-	-	-	25	-
AIR TRANSPORTATION	396	73	341	56	55	10	-	7	-	-	3	-
OTHER TRANSPORTATION	262	301	255	285	7	6	-	-	-	-	9	10
COMMUNICATIONS	2 219	1 421	2 082	1 166	100	250	5	-	13	-	34	18
RADIO AND TELEVISION BROADCASTING	592	233	564	192	22	41	2	-	-	-	4	13
TELEPHONE (WIRE AND RADIO)	1 476	1 114	1 381	905	72	204	3	-	5	-	30	5
TELEGRAPH AND MISCELLANEOUS COMMUNICATION SERVICES	151	74	137	69	6	5	-	-	8	-	-	-
UTILITIES AND SANITARY SERVICES	5 231	955	4 765	839	420	93	27	10	-	13	77	2
ELECTRIC AND GAS UTILITIES	3 914	793	3 618	705	252	72	27	10	-	6	62	2
WATER SUPPLY, SANITARY SERVICES, AND OTHER UTILITIES	1 317	162	1 147	134	168	21	-	-	-	7	15	-
WHOLESALE TRADE	11 332	3 686	10 670	3 520	513	132	18	-	10	19	235	24
DURABLE GOODS	7 030	2 219	6 614	2 126	345	71	12	-	10	7	103	23
MOTOR VEHICLES AND EQUIPMENT	947	369	897	359	25	3	5	-	2	7	23	5
LUMBER AND CONSTRUCTION MATERIALS	329	110	323	110	6	-	-	-	-	-	-	-
ELECTRICAL GOODS	550	229	536	225	6	4	-	-	8	-	7	-
HARDWARE, PLUMBING AND HEATING SUPPLIES	926	306	889	289	30	13	-	-	-	-	7	7
MACHINERY, EQUIPMENT, AND SUPPLIES	2 746	842	2 624	799	103	32	7	-	-	-	26	11
OTHER WHOLESALE, DURABLE GOODS	1 532	363	1 345	344	175	19	-	-	-	-	40	-
NONDURABLE GOODS	4 302	1 467	4 056	1 394	168	61	6	-	-	12	132	1
DRUGS, CHEMICALS, AND ALLIED PRODUCTS	319	162	319	155	-	7	-	-	-	-	-	-
GROCERIES AND FARM PRODUCTS	2 353	722	2 188	683	116	27	6	-	-	12	82	1
PETROLEUM PRODUCTS	342	77	319	72	23	5	-	-	-	-	6	-
OTHER WHOLESALE, NONDURABLE GOODS	1 288	506	1 230	484	29	22	-	-	-	-	44	-
RETAIL TRADE	26 464	34 986	24 849	33 057	1 266	1 535	53	50	139	162	379	552
HARDWARE AND BUILDING MATERIAL RETAILING	1 254	494	1 232	483	14	11	-	-	-	-	19	-
GENERAL MERCHANDISE STORES	2 201	5 967	1 974	5 465	192	409	12	3	-	53	30	106
DEPARTMENT STORES	1 936	5 472	1 718	5 008	183	376	12	3	-	53	23	95
FOOD, BAKERY, AND DAIRY STORES	4 018	4 561	3 836	4 419	126	121	7	5	30	6	36	65
MOTOR VEHICLE DEALERS	2 894	530	2 780	517	91	8	-	-	20	5	13	8
AUTO AND HOME SUPPLY STORES	815	216	798	207	12	9	5	-	-	-	9	-
GASOLINE SERVICE STATIONS	2 336	501	2 199	472	112	29	7	-	-	-	40	-
MISCELLANEOUS VEHICLE DEALERS	325	82	325	82	-	-	-	-	-	-	-	-
APPAREL AND ACCESSORY STORES	825	1 960	789	1 904	36	39	-	-	-	13	15	25
FURNITURE, HOME FURNISHINGS, AND APPLIANCE STORES	1 582	900	1 513	886	50	13	-	1	6	-	23	7
EATING AND DRINKING PLACES	6 571	13 602	5 897	12 766	501	657	17	23	83	73	176	263
DRUG STORES	850	1 689	818	1 617	32	72	-	-	-	-	2	15
OTHER RETAIL TRADE	2 793	4 484	2 688	4 239	100	167	5	18	-	12	16	63
FINANCE, INSURANCE, AND REAL ESTATE	5 901	8 469	5 623	7 925	253	459	12	18	-	25	26	95
BANKING	1 043	3 333	1 030	3 079	13	208	-	7	-	11	-	56
CREDIT AGENCIES, OTHER THAN BANKS	494	934	482	868	6	45	-	-	-	7	6	19
SECURITY, COMMODITY BROKERAGE, AND INVESTMENT COMPANIES	295	242	280	236	15	6	-	-	-	-	8	7
INSURANCE	2 072	2 121	1 960	2 009	100	100	12	5	-	7	-	-
REAL ESTATE, INCLUDING REAL ESTATE-INSURANCE-LAW OFFICES	1 997	1 839	1 871	1 733	119	100	-	6	-	-	12	13
BUSINESS AND REPAIR SERVICES	8 255	4 928	7 546	4 491	521	409	51	25	44	-	129	30
ADVERTISING	277	365	268	357	9	8	-	-	-	-	-	-
SERVICES TO DWELLINGS AND OTHER BUILDINGS	681	660	544	529	107	131	11	-	-	-	25	5
COMMERCIAL RESEARCH, MANAGEMENT, AND DATA PROCESSING SERVICES	817	1 079	760	1 014	15	51	6	14	28	-	15	-
DETECTIVE AND PROTECTIVE SERVICES	996	313	924	254	64	59	-	-	-	-	14	-
OTHER BUSINESS SERVICES	1 250	1 939	1 198	1 781	42	144	-	11	6	-	10	18
AUTOMOTIVE REPAIR AND SERVICES	2 598	326	2 302	310	271	16	16	-	-	-	9	-
OTHER REPAIR SERVICES	1 636	246	1 550	246	13	-	18	-	10	-	56	7

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

TABLE 227. (B) INDUSTRY OF THE EXPERIENCED CIVILIAN LABOR FORCE BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

TOLEDO, OH-MI SMSA	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
PERSONAL SERVICES	2 527	7 013	2 157	6 006	359	897	5	27	6	33	21	102
PRIVATE HOUSEHOLDS	187	1 601	124	1 213	63	364	-	7	-	11	5	20
HOTELS AND LODGING PLACES	899	2 143	806	1 895	88	200	5	13	-	15	6	28
LAUNDRY, CLEANING, AND GARMENT SERVICES	545	925	447	749	98	157	-	-	-	7	-	22
BARBER AND BEAUTY SHOPS	472	1 737	414	1 581	58	137	-	7	-	-	2	30
OTHER PERSONAL SERVICES	424	607	366	568	52	39	-	-	6	-	8	2
ENTERTAINMENT AND RECREATION SERVICES	1 915	1 608	1 738	1 483	149	109	3	-	10	-	36	16
THEATERS AND MOTION PICTURES	403	284	355	251	48	23	-	-	-	-	-	10
OTHER ENTERTAINMENT AND RECREATION SERVICES	1 512	1 324	1 383	1 232	101	86	3	-	10	-	36	6
PROFESSIONAL AND RELATED SERVICES	22 067	50 858	19 824	45 086	1 611	5 040	65	84	410	244	460	910
HEALTH SERVICES	5 631	23 602	4 878	20 443	515	2 778	9	27	193	161	169	460
OFFICES OF HEALTH PRACTITIONERS	1 238	3 407	1 127	3 209	17	144	-	7	83	42	21	62
HOSPITALS	3 390	14 860	2 864	12 708	402	1 912	-	13	101	95	140	248
NURSING AND PERSONAL CARE FACILITIES	465	4 126	422	3 485	32	577	9	7	-	24	3	87
HEALTH SERVICES, N.E.C.	538	1 209	465	1 041	64	145	-	-	9	-	5	63
LEGAL SERVICES	1 225	1 165	1 202	1 131	11	22	7	-	5	6	-	6
EDUCATIONAL SERVICES	9 576	19 900	8 633	18 196	692	1 491	17	36	159	48	165	291
ELEMENTARY AND SECONDARY SCHOOLS	5 674	14 551	5 127	13 351	455	1 098	5	29	56	20	70	171
GOVERNMENT	4 848	11 294	4 368	10 205	407	1 001	5	29	41	18	66	140
COLLEGES AND UNIVERSITIES	3 620	4 297	3 268	3 927	195	286	12	-	103	15	93	100
GOVERNMENT	3 210	3 425	2 933	3 147	137	211	12	-	98	15	79	83
LIBRARIES	151	722	126	620	25	82	-	-	-	13	-	7
OTHER EDUCATIONAL SERVICES	131	330	112	298	17	25	-	7	-	-	2	13
SOCIAL SERVICES	1 007	3 006	802	2 334	180	577	-	10	-	15	64	141
CHILD DAY CARE SERVICES	54	839	36	673	18	157	-	-	-	9	5	13
RESIDENTIAL CARE FACILITIES, WITHOUT NURSING	68	236	59	196	9	40	-	-	-	-	-	-
OTHER SOCIAL SERVICES	885	1 931	707	1 465	153	380	-	10	-	6	59	128
MUSEUMS, ART GALLERIES, AND ZOOS	261	140	239	128	7	12	15	-	-	-	4	-
RELIGIOUS ORGANIZATIONS	1 230	1 064	1 149	1 009	74	49	-	6	-	-	28	-
ENGINEERING, ARCHITECTURAL, AND SURVEYING SERVICES	1 552	331	1 456	312	33	13	6	-	48	6	22	6
ACCOUNTING, AUDITING, AND BOOKKEEPING SERVICES	612	646	612	623	-	23	-	-	-	-	3	-
NONCOMMERCIAL EDUCATIONAL AND SCIENTIFIC RESEARCH	49	74	47	60	2	14	-	-	-	-	-	-
MISCELLANEOUS PROFESSIONAL AND RELATED SERVICES	924	930	806	850	97	61	11	5	5	8	5	6
PUBLIC ADMINISTRATION	6 144	4 250	5 347	3 357	698	800	13	11	18	6	104	134
EXECUTIVE AND LEGISLATIVE OFFICES	113	165	107	151	6	14	-	-	-	-	-	-
GENERAL GOVERNMENT, N.E.C.	1 325	1 254	1 089	898	218	332	-	11	6	-	22	21
LOCAL GOVERNMENT	971	902	814	718	151	172	-	4	6	-	6	9
JUSTICE, PUBLIC ORDER, AND SAFETY	2 961	1 077	2 621	923	297	136	1	-	9	-	45	24
LOCAL GOVERNMENT	2 590	929	2 337	806	210	114	1	-	9	-	45	15
PUBLIC FINANCE, TAXATION, AND MONETARY POLICY	276	286	251	261	25	25	-	-	-	-	-	9
ADMINISTRATION OF HUMAN RESOURCES PROGRAMS	304	774	254	581	35	156	-	-	-	-	29	72
ADMINISTRATION OF ENVIRONMENTAL QUALITY AND HOUSING PROGRAMS	334	191	291	140	35	51	-	-	-	-	8	-
ADMINISTRATION OF ECONOMIC PROGRAMS	550	398	482	326	56	70	12	-	-	2	-	-
NATIONAL SECURITY AND INTERNATIONAL AFFAIRS	281	105	252	77	26	16	-	-	3	4	-	8
EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY INDUSTRY	619	878	462	638	154	225	-	5	-	-	20	29
LAST JOB ARMED FORCES	207	14	190	8	17	6	-	-	-	-	6	-
LAST WORKED 1974 OR EARLIER	412	864	272	630	137	219	-	5	-	-	14	29

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

TABLE 228. (A) INDUSTRY OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980

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

MICHIGAN

	THE STATE													
	TOTAL												RURAL	
	TOTAL		WHITE		BLACK		AMER. INDIAN, ESKIMO / ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)			
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
EMPLOYED PERSONS 16 YEARS AND OVER	2 181 242	1 569 490	1 966 758	1 365 214	179 585	180 367	8 340	5 577	14 341	10 621	29 852	20 617	641 238	405 986
AGRICULTURE, FORESTRY, AND FISHERIES	49 975	13 572	48 520	13 154	708	170	267	20	59	33	775	353	41 751	9 547
AGRICULTURAL PRODUCTION	41 670	9 619	40 717	9 329	397	87	115	8	45	28	698	307	37 697	7 798
AGRICULTURAL SERVICES, INCLUDING HORTICULTURAL	6 292	3 506	5 985	3 387	243	81	30	5	12	5	48	46	2 658	1 459
FORESTRY AND FISHERIES	2 013	447	1 818	438	68	2	122	7	2	-	29	-	1 396	290
MINING	12 401	1 092	12 207	1 069	66	21	74	2	7	-	62	-	8 646	532
METAL MINING	5 525	244	5 486	244	-	-	25	-	7	-	5	-	3 618	114
COAL MINING	66	19	64	19	2	-	-	-	-	-	-	-	22	2
CRUDE PETROLEUM AND NATURAL GAS EXTRACTION	3 741	616	3 673	600	37	14	16	2	-	-	18	-	2 886	310
NONMETALLIC MINING AND QUARRYING, EXCEPT FUEL	3 069	213	2 984	206	27	7	33	-	-	-	39	-	2 120	106
CONSTRUCTION	142 013	13 319	133 716	12 354	6 620	831	787	50	383	39	1 283	127	58 342	3 991
MANUFACTURING	880 927	255 344	779 813	219 436	87 185	31 958	3 271	1 004	4 204	1 401	14 893	4 362	255 586	76 635
NONDURABLE GOODS	142 662	74 932	132 138	67 964	8 397	5 839	470	223	716	373	2 211	1 336	48 808	26 379
MEAT PRODUCTS	4 930	1 884	4 027	1 665	733	181	31	19	20	-	227	51	1 619	740
DAIRY PRODUCTS	4 343	962	3 933	890	375	62	5	8	12	2	50	-	1 672	398
CANNED AND PRESERVED FRUITS AND VEGETABLES	4 501	3 115	4 197	2 759	188	231	18	15	7	31	147	167	3 037	2 106
BAKERY PRODUCTS	4 457	2 575	3 789	2 250	582	277	5	-	10	27	143	59	837	511
BEVERAGE INDUSTRIES	6 145	1 270	5 021	993	1 000	267	28	6	46	-	87	41	933	176
OTHER FOOD INDUSTRIES	8 931	3 946	8 182	3 464	610	405	32	-	31	7	181	143	4 090	1 484
TOBACCO MANUFACTURES	91	11	64	11	27	-	-	-	-	-	-	-	7	-
KNITTING MILLS	29	109	29	109	-	-	-	-	-	-	-	-	11	57
YARN, THREAD, AND FABRIC MILLS	344	342	335	295	9	45	-	2	-	-	6	11	106	73
OTHER TEXTILE MILL PRODUCTS	1 197	637	1 106	585	61	48	11	-	13	-	37	-	252	180
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	3 435	6 758	3 152	5 842	205	748	14	24	29	59	49	181	1 081	2 600
PAPER AND ALLIED PRODUCTS	18 548	4 839	17 549	4 468	786	334	79	18	45	3	183	49	7 846	1 666
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	27 680	18 902	26 164	17 778	1 287	978	72	45	59	42	215	218	5 786	4 913
NEWSPAPER PUBLISHING AND PRINTING	11 289	7 504	10 592	7 115	628	319	26	29	16	7	75	81	2 166	2 312
CHEMICALS AND ALLIED PRODUCTS	38 572	15 767	36 216	14 092	1 701	1 411	86	42	384	118	603	223	13 185	4 984
PLASTICS, SYNTHETICS, AND RESINS	3 838	2 906	3 710	2 616	66	201	7	15	31	29	75	47	1 455	1 114
DRUGS	7 376	4 867	6 854	4 198	391	626	9	2	116	28	67	56	2 340	1 386
PETROLEUM AND COAL PRODUCTS	1 672	361	1 556	337	68	22	11	-	-	-	42	4	453	112
PETROLEUM REFINING	1 333	242	1 234	230	51	10	11	-	-	-	42	4	385	94
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS	16 127	11 599	15 292	10 628	672	791	63	32	45	80	221	173	7 001	5 128
FOOTWEAR, EXCEPT RUBBER AND PLASTIC	875	1 467	828	1 445	25	13	7	3	15	4	-	10	508	1 050
LEATHER AND LEATHER PRODUCTS, EXCEPT FOOTWEAR	785	388	698	353	68	26	8	9	-	-	20	6	384	201
DURABLE GOODS	734 507	178 742	644 571	150 034	78 212	25 929	2 775	770	3 452	1 014	12 606	2 994	205 732	49 680
LOGGING	2 504	117	2 472	117	2	-	25	-	-	-	8	-	2 160	83
SAWMILLS, PLANING MILLS, AND MILLWORK	5 700	1 315	5 507	1 251	85	52	37	6	22	4	96	12	3 484	749
WOOD BUILDINGS, MOBILE HOMES, AND MISCELLANEOUS WOOD PRODUCTS	4 564	1 185	4 399	1 124	132	49	16	8	2	1	27	13	2 810	595
FURNITURE AND FIXTURES	19 296	7 293	17 972	6 638	975	471	48	49	139	53	316	217	6 775	2 968
STONE, CLAY, GLASS, AND CONCRETE PRODUCTS	15 614	4 436	13 960	4 051	1 495	314	54	29	49	32	190	66	5 314	1 294
GLASS AND GLASS PRODUCTS	5 754	1 947	4 732	1 760	962	166	11	16	20	-	88	35	1 243	596
CEMENT, CONCRETE, GYPSUM, AND PLASTER PRODUCTS	6 048	670	5 640	638	366	18	18	9	9	5	56	11	2 578	229
PRIMARY METAL INDUSTRIES	58 478	9 310	49 763	8 052	7 432	1 146	340	52	104	15	1 816	187	16 374	3 078
BLAST FURNACES, STEELWORKS, ROLLING AND FINISHING MILLS	24 793	3 061	21 368	2 446	2 973	587	171	19	24	4	754	42	3 597	412
IRON AND STEEL FOUNDRIES	17 823	2 070	13 960	1 777	3 300	262	121	18	32	7	728	26	6 392	800
PRIMARY NONFERROUS INDUSTRIES	15 862	4 179	14 435	3 829	1 159	297	48	15	48	4	334	119	6 385	1 866
FABRICATED METAL INDUSTRIES	63 924	19 112	59 388	17 470	3 636	1 409	296	71	212	83	969	298	20 956	6 592
CUTLERY, HANDTOOLS, AND OTHER HARDWARE	6 255	2 907	5 850	2 529	274	345	12	14	65	7	122	57	1 924	874
FABRICATED STRUCTURAL METAL PRODUCTS	13 398	2 781	12 641	2 650	552	105	103	13	31	13	205	7	4 072	1 009
METAL FORGINGS AND STAMPINGS	22 351	5 363	20 120	4 730	1 948	583	81	15	48	29	357	93	7 529	1 797
MACHINERY, EXCEPT ELECTRICAL	138 950	29 059	132 095	26 430	5 104	2 285	494	83	750	143	1 404	365	44 090	8 514
FARM MACHINERY AND EQUIPMENT	6 107	1 180	5 690	1 065	333	98	9	3	37	-	136	23	2 032	381
CONSTRUCTION AND MATERIAL HANDLING MACHINES	11 816	1 943	11 298	1 850	386	81	44	2	67	7	92	11	5 095	652
METALWORKING MACHINERY	52 262	8 655	50 322	7 918	1 397	657	168	24	222	52	404	74	14 141	2 016
OFFICE, ACCOUNTING, AND COMPUTING MACHINES	7 737	3 428	7 066	3 039	434	353	-	3	206	25	66	41	1 079	512
OTHER MACHINERY, EXCEPT ELECTRICAL	61 028	13 853	57 719	12 558	2 554	1 096	273	51	218	59	706	216	21 743	4 953
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	21 223	12 849	20 101	11 848	875	788	48	71	104	66	226	149	7 394	5 317
HOUSEHOLD APPLIANCES	5 695	2 490	5 414	2 321	222	126	17	30	27	2	38	24	2 734	1 340
RADIO, TV, AND COMMUNICATION EQUIPMENT	3 452	2 454	3 244	2 168	149	247	2	6	32	11	44	35	904	726
OTHER ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	12 076	7 905	11 443	7 359	504	415	29	35	45	53	144	90	3 756	3 251

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

TABLE 228. (A) INDUSTRY OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

MICHIGAN

	THE STATE													
	TOTAL												RURAL	
	TOTAL		WHITE		BLACK		AMER. INDIAN, ESKIMO / ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)			
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TRANSPORTATION EQUIPMENT	385 670	83 171	321 617	63 122	57 482	18 643	1 345	326	1 950	557	7 252	1 502	91 310	17 146
MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT	370 947	78 932	308 090	59 497	56 465	18 090	1 317	291	1 857	537	7 102	1 451	86 960	15 753
AIRCRAFT, SPACE VEHICLES, AND PARTS	6 272	2 163	5 954	1 902	254	217	9	35	34	9	55	25	1 768	756
SHIP AND BOAT BUILDING AND REPAIRING	2 563	600	2 416	581	117	13	5	-	18	5	34	15	1 342	313
OTHER TRANSPORTATION EQUIPMENT	5 888	1 476	5 157	1 142	646	323	14	-	41	6	61	11	1 240	324
PROFESSIONAL AND PHOTOGRAPHIC EQUIPMENT AND WATCHES	7 715	5 247	7 236	4 824	322	318	40	47	67	29	125	106	2 037	1 663
MISCELLANEOUS MANUFACTURING INDUSTRIES	10 869	5 648	10 061	5 107	672	454	32	28	53	31	177	79	3 028	1 681
NOT SPECIFIED MANUFACTURING INDUSTRIES	3 758	1 670	3 104	1 438	576	190	26	11	36	14	76	32	1 046	576
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	155 091	59 455	138 733	46 815	14 518	11 998	657	276	549	127	1 722	711	45 552	12 029
TRANSPORTATION	90 549	26 468	80 978	21 315	8 583	4 886	385	133	153	34	1 116	337	26 598	5 881
RAILROADS	15 244	1 433	14 234	1 289	684	124	87	-	30	5	310	46	4 934	229
BUS SERVICE AND URBAN TRANSIT	5 223	2 436	3 518	1 800	1 636	618	37	18	11	-	47	6	876	531
TAXICAB SERVICE	1 995	399	1 216	254	745	140	8	5	13	-	20	15	112	35
TRUCKING SERVICE AND WAREHOUSING	43 026	6 210	40 649	5 720	2 031	442	198	23	26	-	494	73	14 319	1 317
U.S. POSTAL SERVICE	15 307	9 588	12 303	6 386	2 894	3 101	39	45	10	8	175	93	3 827	2 855
WATER TRANSPORTATION	1 735	278	1 648	271	67	7	11	-	9	-	-	-	775	141
AIR TRANSPORTATION	5 937	2 653	5 443	2 263	448	351	-	13	36	14	51	45	1 203	296
OTHER TRANSPORTATION	2 082	3 471	1 967	3 332	78	103	5	29	18	7	19	59	552	477
COMMUNICATIONS	23 769	23 907	21 585	18 296	1 944	5 347	85	81	94	65	231	296	6 503	4 054
RADIO AND TELEVISION BROADCASTING	4 170	2 251	3 757	1 887	366	324	26	10	21	15	29	40	918	416
TELEPHONE (WIRE AND RADIO)	18 556	21 199	16 928	16 012	1 457	4 968	43	66	67	50	194	256	5 311	3 537
TELEGRAPH AND MISCELLANEOUS COMMUNICATION SERVICES	1 043	457	900	397	121	55	16	5	6	-	8	-	274	101
UTILITIES AND SANITARY SERVICES	40 773	9 080	36 170	7 204	3 991	1 765	187	62	302	28	375	78	12 451	2 094
ELECTRIC AND GAS UTILITIES	30 213	7 501	27 839	6 163	2 012	1 254	114	49	193	21	244	61	9 991	1 802
WATER SUPPLY, SANITARY SERVICES, AND OTHER UTILITIES	10 560	1 579	8 331	1 041	1 979	511	73	13	109	7	131	17	2 460	292
WHOLESALE TRADE	102 225	34 560	96 149	32 201	4 995	2 059	312	93	419	87	959	338	27 342	7 704
DURABLE GOODS	60 195	19 790	56 690	18 497	2 839	1 126	200	58	257	51	584	141	15 218	3 901
MOTOR VEHICLES AND EQUIPMENT	11 683	3 609	10 946	3 333	587	250	41	6	47	4	158	47	2 646	629
LUMBER AND CONSTRUCTION MATERIALS	3 347	901	3 236	882	81	19	14	-	-	-	28	4	1 008	224
ELECTRICAL GOODS	5 129	2 095	4 898	1 999	190	78	9	6	17	-	43	5	1 061	400
HARDWARE, PLUMBING AND HEATING SUPPLIES	6 378	1 960	6 086	1 874	225	86	37	-	19	-	34	-	1 915	560
MACHINERY, EQUIPMENT, AND SUPPLIES	21 126	7 139	20 096	6 580	851	470	45	34	98	27	154	54	5 965	1 452
OTHER WHOLESALE, DURABLE GOODS	12 532	4 086	11 428	3 829	905	223	54	12	76	20	167	31	2 623	636
NONDURABLE GOODS	42 030	14 770	39 459	13 704	2 156	933	112	35	162	36	375	197	12 124	3 803
DRUGS, CHEMICALS, AND ALLIED PRODUCTS	2 888	1 684	2 726	1 500	140	166	8	-	12	8	20	33	475	261
GROCERIES AND FARM PRODUCTS	20 336	6 246	18 798	5 802	1 333	400	45	13	51	7	234	91	6 286	1 790
PETROLEUM PRODUCTS	3 316	859	3 203	841	92	5	15	6	6	-	22	12	1 433	385
OTHER WHOLESALE, NONDURABLE GOODS	15 490	5 981	14 732	5 561	591	362	44	16	93	21	99	61	3 930	1 367
RETAIL TRADE	283 704	335 127	263 401	311 611	15 950	19 235	908	1 047	2 112	2 003	3 551	3 898	73 993	85 821
HARDWARE AND BUILDING MATERIAL RETAILING	16 138	6 607	15 609	6 416	373	130	81	15	43	28	83	76	6 277	2 265
GENERAL MERCHANDISE STORES	22 213	56 047	19 896	50 684	1 982	4 733	87	144	163	237	312	611	4 214	10 770
DEPARTMENT STORES	19 623	49 253	17 482	44 358	1 813	4 320	80	128	163	212	296	534	3 512	8 674
FOOD, BAKERY, AND DAIRY STORES	47 667	44 731	44 629	42 113	2 432	2 199	131	146	194	144	637	410	14 103	14 329
MOTOR VEHICLE DEALERS	29 074	5 960	27 961	5 817	845	104	64	-	73	23	262	39	9 511	1 768
AUTO AND HOME SUPPLY STORES	8 057	1 687	7 666	1 599	358	84	8	4	22	-	105	31	2 373	503
GASOLINE SERVICE STATIONS	19 669	4 450	18 543	4 282	939	146	55	7	76	15	159	25	6 822	1 719
MISCELLANEOUS VEHICLE DEALERS	2 099	536	2 074	534	-	-	9	-	6	2	3	-	916	172
APPAREL AND ACCESSORY STORES	10 907	26 916	9 674	24 353	991	2 226	46	52	164	179	113	387	1 470	4 498
FURNITURE, HOME FURNISHINGS, AND APPLIANCE STORES	19 338	11 326	18 251	10 833	975	412	27	30	39	33	189	94	4 449	2 633
EATING AND DRINKING PLACES	66 772	119 144	59 749	110 184	5 057	6 684	288	536	1 163	1 201	1 267	1 765	14 028	31 493
DRUG STORES	8 075	13 205	7 637	12 390	360	733	10	12	29	8	98	133	1 507	3 420
OTHER RETAIL TRADE	33 695	44 518	31 712	42 406	1 638	1 784	102	101	140	133	323	327	8 323	12 251
FINANCE, INSURANCE, AND REAL ESTATE	71 588	112 242	66 385	99 732	4 560	11 323	146	254	342	414	489	1 250	15 119	25 057
BANKING	14 548	43 761	13 160	38 272	1 275	5 038	29	57	46	150	107	505	2 884	11 498
CREDIT AGENCIES, OTHER THAN BANKS	5 493	12 501	5 209	11 365	249	1 022	-	22	28	31	44	116	987	2 531
SECURITY, COMMODITY BROKERAGE, AND INVESTMENT COMPANIES	3 447	2 196	3 375	2 038	43	132	-	7	29	19	23	8	505	219
INSURANCE	25 294	33 378	23 535	29 064	1 505	3 905	38	89	167	171	126	407	5 540	5 935
REAL ESTATE, INCLUDING REAL ESTATE-INSURANCE-LAW OFFICES	22 806	20 406	21 106	18 993	1 488	1 226	79	79	72	43	189	214	5 203	4 874
BUSINESS AND REPAIR SERVICES	85 069	45 678	77 875	40 714	6 009	4 279	430	151	423	318	965	596	20 771	8 212
ADVERTISING	4 837	3 901	4 627	3 774	156	96	-	19	22	4	56	63	709	381
SERVICES TO DWELLINGS AND OTHER BUILDINGS	5 829	4 649	4 826	3 580	943	975	16	32	14	27	57	108	1 101	753
COMMERCIAL RESEARCH, MANAGEMENT, AND DATA PROCESSING SERVICES	14 130	11 448	13 252	10 240	611	977	65	39	168	149	111	116	2 574	2 188
DETECTIVE AND PROTECTIVE SERVICES	7 065	1 896	5 626	1 602	1 312	275	81	-	5	13	113	24	1 228	385
OTHER BUSINESS SERVICES	13 334	18 054	12 542	16 164	613	1 630	48	48	69	117	149	204	2 426	3 156
AUTOMOTIVE REPAIR AND SERVICES	25 677	3 302	23 301	2 991	1 998	266	137	13	139	8	363	62	7 942	678
OTHER REPAIR SERVICES	14 197	2 428	13 701	2 363	376	60	83	-	6	-	116	19	4 791	671

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

TABLE 228. (A) INDUSTRY OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

MICHIGAN

	THE STATE													
	TOTAL												RURAL	
	TOTAL		WHITE		BLACK		AMER. INDIAN, ESKIMO / ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)			
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
PERSONAL SERVICES	25 922	70 089	22 537	58 586	3 062	10 397	64	370	119	369	343	999	6 541	19 942
PRIVATE HOUSEHOLDS	1 453	18 392	1 227	13 988	186	4 086	29	148	5	58	14	267	392	5 281
HOTELS AND LODGING PLACES	8 924	17 827	7 770	15 198	1 003	2 363	23	87	60	87	162	272	2 953	5 593
LAUNDRY, CLEANING, AND GARMENT SERVICES	5 938	10 190	4 875	7 564	996	2 355	12	67	42	116	42	197	1 037	1 903
BARBER AND BEAUTY SHOPS	5 292	18 987	4 767	17 483	483	1 300	-	54	5	80	86	206	1 330	6 172
OTHER PERSONAL SERVICES	4 315	4 693	3 898	4 353	394	293	-	14	7	28	39	57	829	993
ENTERTAINMENT AND RECREATION SERVICES	18 471	14 792	16 673	13 695	1 552	956	100	31	92	47	229	193	3 767	3 017
THEATERS AND MOTION PICTURES	5 458	3 296	4 957	3 097	423	166	27	10	33	12	74	51	710	440
OTHER ENTERTAINMENT AND RECREATION SERVICES	13 013	11 496	11 716	10 598	1 129	790	73	21	59	35	155	142	3 057	2 577
PROFESSIONAL AND RELATED SERVICES	264 550	542 065	234 408	461 254	22 915	70 952	696	1 716	5 242	5 525	3 375	6 596	61 386	136 056
HEALTH SERVICES	67 565	240 403	56 341	198 569	7 929	36 184	176	829	2 774	3 817	1 137	2 742	13 421	58 931
OFFICES OF HEALTH PRACTITIONERS	16 562	39 721	14 824	37 307	635	1 834	10	76	1 033	377	298	374	3 252	9 495
HOSPITALS	39 964	146 316	32 288	116 624	5 757	25 665	131	468	1 561	2 992	688	1 661	7 415	33 515
NURSING AND PERSONAL CARE FACILITIES	5 098	38 992	4 071	31 777	985	6 514	16	201	15	297	30	503	1 600	12 875
HEALTH SERVICES, N.E.C.	5 941	15 374	5 158	12 861	552	2 171	19	84	165	151	121	204	1 154	3 046
LEGAL SERVICES	11 654	12 005	11 211	11 349	410	569	1	43	25	26	70	44	1 596	2 173
EDUCATIONAL SERVICES	129 437	228 382	116 436	198 635	10 324	26 528	367	659	1 585	1 373	1 576	2 867	34 676	61 455
ELEMENTARY AND SECONDARY SCHOOLS	80 494	170 005	72 464	146 915	7 235	21 221	215	473	228	591	788	1 903	25 673	50 783
GOVERNMENT	68 989	139 704	61 867	119 728	6 428	18 498	205	422	178	436	659	1 499	22 304	42 302
COLLEGES AND UNIVERSITIES	46 048	49 483	41 477	43 718	2 769	4 541	129	158	1 315	733	742	844	8 480	8 550
GOVERNMENT	33 289	32 251	30 352	28 801	1 653	2 652	94	102	960	495	522	494	5 593	5 073
LIBRARIES	1 046	5 013	882	4 506	129	460	10	16	16	23	24	52	135	1 257
OTHER EDUCATIONAL SERVICES	1 849	3 881	1 613	3 496	191	306	13	12	26	26	22	68	388	865
SOCIAL SERVICES	8 539	28 157	6 850	22 389	1 511	5 300	28	109	79	117	128	553	1 834	6 799
CHILD DAY CARE SERVICES	655	9 275	469	7 431	172	1 703	-	35	2	40	14	162	97	1 990
RESIDENTIAL CARE FACILITIES, WITHOUT NURSING	1 584	3 894	1 227	3 084	328	757	13	22	6	9	14	33	454	1 282
OTHER SOCIAL SERVICES	6 300	14 988	5 154	11 874	1 011	2 840	15	52	71	68	100	358	1 283	3 527
MUSEUMS, ART GALLERIES, AND ZOOS	812	1 110	703	981	81	116	-	2	22	-	6	17	98	157
RELIGIOUS ORGANIZATIONS	13 568	10 883	12 498	10 162	937	630	37	22	71	24	107	130	3 900	2 454
ENGINEERING, ARCHITECTURAL, AND SURVEYING SERVICES	16 431	3 475	15 261	3 173	493	220	43	12	577	55	170	60	3 170	589
ACCOUNTING, AUDITING, AND BOOKKEEPING SERVICES	7 946	7 510	7 612	7 190	251	241	18	-	59	61	47	26	1 121	1 755
NONCOMMERCIAL EDUCATIONAL AND SCIENTIFIC RESEARCH	626	877	549	748	50	103	-	9	27	8	5	26	132	165
MISCELLANEOUS PROFESSIONAL AND RELATED SERVICES	7 972	9 263	6 947	8 058	929	1 061	26	31	23	44	129	131	1 438	1 578
PUBLIC ADMINISTRATION	89 306	72 155	76 341	54 593	11 445	16 188	628	563	390	258	1 206	1 194	22 442	17 443
EXECUTIVE AND LEGISLATIVE OFFICES	2 002	3 223	1 763	2 696	166	398	48	83	18	8	7	34	501	1 130
GENERAL GOVERNMENT, N.E.C.	21 794	23 434	17 620	18 217	3 617	4 701	243	174	143	122	406	409	5 013	5 821
LOCAL GOVERNMENT	13 082	13 290	10 374	10 545	2 472	2 549	109	72	57	40	188	190	2 637	3 365
JUSTICE, PUBLIC ORDER, AND SAFETY	37 836	13 212	33 269	10 468	4 144	2 573	196	84	87	26	429	155	9 211	2 879
LOCAL GOVERNMENT	29 177	10 165	25 384	7 948	3 503	2 107	126	44	59	11	353	135	5 605	2 194
PUBLIC FINANCE, TAXATION, AND MONETARY POLICY	3 996	5 094	3 543	3 511	418	1 515	2	10	20	-	36	128	908	1 132
ADMINISTRATION OF HUMAN RESOURCES PROGRAMS	6 774	16 654	5 326	11 429	1 295	4 938	45	122	42	60	112	260	1 662	3 877
ADMINISTRATION OF ENVIRONMENTAL QUALITY AND HOUSING PROGRAMS	4 498	1 926	4 052	1 596	391	301	21	23	-	6	70	27	1 743	524
ADMINISTRATION OF ECONOMIC PROGRAMS	6 654	5 440	5 546	4 246	949	1 044	52	63	49	21	78	137	1 877	1 544
NATIONAL SECURITY AND INTERNATIONAL AFFAIRS	5 752	3 172	5 222	2 430	465	718	21	4	31	15	68	44	1 527	536

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

TABLE 228. (B) INDUSTRY OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

ANN ARBOR, MI SMSA	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
EMPLOYED PERSONS 16 YEARS AND OVER	70 268	58 286	63 119	51 489	5 133	5 404	230	142	1 489	960	822	768
AGRICULTURE, FORESTRY, AND FISHERIES	1 217	327	1 203	327	2	-	-	-	6	-	6	-
AGRICULTURAL PRODUCTION	953	228	941	228	-	-	-	-	6	-	6	-
AGRICULTURAL SERVICES, INCLUDING HORTICULTURAL	245	84	243	84	2	-	-	-	-	-	-	-
FORESTRY AND FISHERIES	19	15	19	15	-	-	-	-	-	-	-	-
MINING	89	23	83	23	6	-	-	-	-	-	-	-
METAL MINING	11	12	11	12	-	-	-	-	-	-	-	-
COAL MINING	-	-	-	-	-	-	-	-	-	-	-	-
CRUDE PETROLEUM AND NATURAL GAS EXTRACTION	16	-	16	-	-	-	-	-	-	-	-	-
NONMETALLIC MINING AND QUARRYING, EXCEPT FUEL	62	11	56	11	6	-	-	-	-	-	-	-
CONSTRUCTION	4 073	370	3 769	348	165	19	26	-	113	3	28	-
MANUFACTURING	21 080	7 560	18 724	6 456	1 940	965	64	19	285	82	223	77
NONDURABLE GOODS	2 888	2 176	2 690	2 026	105	123	12	2	59	19	44	17
MEAT PRODUCTS	6	-	6	-	-	-	-	-	-	-	-	-
DAIRY PRODUCTS	58	12	58	6	-	6	-	-	-	-	-	-
CANNED AND PRESERVED FRUITS AND VEGETABLES	-	6	-	6	-	-	-	-	-	-	-	-
BAKERY PRODUCTS	53	42	48	42	5	-	-	-	-	-	-	-
BEVERAGE INDUSTRIES	48	5	26	5	6	-	-	-	8	-	8	-
OTHER FOOD INDUSTRIES	175	44	167	42	8	2	-	-	-	-	-	-
TOBACCO MANUFACTURES	-	-	-	-	-	-	-	-	-	-	-	-
KNITTING MILLS	-	-	-	-	-	-	-	-	-	-	-	-
YARN, THREAD, AND FABRIC MILLS	12	5	12	5	-	-	-	-	-	-	-	-
OTHER TEXTILE MILL PRODUCTS	19	-	19	-	-	-	-	-	-	-	-	-
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	17	17	13	17	4	-	-	-	-	-	-	-
PAPER AND ALLIED PRODUCTS	128	44	102	36	19	8	-	-	7	-	-	-
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	1 512	1 405	1 430	1 307	36	81	12	2	20	10	30	10
NEWSPAPER PUBLISHING AND PRINTING	496	265	489	253	7	12	-	-	-	-	-	5
CHEMICALS AND ALLIED PRODUCTS	480	242	441	224	27	14	-	-	12	4	-	-
PLASTICS, SYNTHETICS, AND RESINS	81	18	75	18	6	-	-	-	-	-	-	-
DRUGS	202	167	175	157	15	6	-	-	12	4	-	-
PETROLEUM AND COAL PRODUCTS	24	5	24	5	-	-	-	-	-	-	-	-
PETROLEUM REFINING	24	5	24	5	-	-	-	-	-	-	-	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS	346	336	334	318	-	12	-	-	12	5	6	1
FOOTWEAR, EXCEPT RUBBER AND PLASTIC	-	7	-	7	-	-	-	-	-	-	-	-
LEATHER AND LEATHER PRODUCTS, EXCEPT FOOTWEAR	10	6	10	6	-	-	-	-	-	-	-	6
DURABLE GOODS	18 106	5 362	15 956	4 414	1 827	842	52	17	226	63	179	60
LOGGING	7	-	7	-	-	-	-	-	-	-	-	-
SAWMILLS, PLANING MILLS, AND MILLWORK	13	-	13	-	-	-	-	-	-	-	-	-
WOOD BUILDINGS, MOBILE HOMES, AND MISCELLANEOUS WOOD PRODUCTS	46	25	41	25	-	-	-	-	-	-	9	-
FURNITURE AND FIXTURES	75	25	75	25	-	-	-	-	-	-	-	-
STONE, CLAY, GLASS, AND CONCRETE PRODUCTS	231	109	214	98	17	-	-	6	-	5	-	-
GLASS AND GLASS PRODUCTS	79	22	62	16	17	-	-	6	-	-	-	-
CEMENT, CONCRETE, GYPSUM, AND PLASTER PRODUCTS	79	32	79	27	-	-	-	-	-	5	-	-
PRIMARY METAL INDUSTRIES	470	73	418	46	41	27	-	-	11	-	13	-
BLAST FURNACES, STEELWORKS, ROLLING AND FINISHING MILLS	185	25	175	13	10	12	-	-	-	-	7	-
IRON AND STEEL FOUNDRIES	75	-	50	-	25	-	-	-	-	-	-	-
PRIMARY NONFERROUS INDUSTRIES	210	48	193	33	6	15	-	-	11	-	6	-
FABRICATED METAL INDUSTRIES	921	321	858	321	50	-	6	-	7	-	-	-
CUTLERY, HANDTOOLS, AND OTHER HARDWARE	29	25	29	25	-	-	-	-	-	-	-	-
FABRICATED STRUCTURAL METAL PRODUCTS	140	17	134	17	6	-	-	-	-	-	-	-
METAL FORGINGS AND STAMPINGS	159	71	153	71	6	-	-	-	-	-	-	-
MACHINERY, EXCEPT ELECTRICAL	3 096	982	2 945	906	106	70	-	-	42	6	53	13
FARM MACHINERY AND EQUIPMENT	114	24	114	24	-	-	-	-	-	-	-	-
CONSTRUCTION AND MATERIAL HANDLING MACHINES	41	13	41	13	-	-	-	-	-	-	-	-
METALWORKING MACHINERY	832	103	809	69	23	28	-	-	-	6	13	-
OFFICE, ACCOUNTING, AND COMPUTING MACHINES	846	444	772	420	39	24	-	-	35	-	23	7
OTHER MACHINERY, EXCEPT ELECTRICAL	1 263	398	1 209	380	44	18	-	-	7	-	17	6
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	656	312	617	302	33	10	-	-	6	-	6	-
HOUSEHOLD APPLIANCES	25	12	25	12	-	-	-	-	-	-	-	-
RADIO, TV, AND COMMUNICATION EQUIPMENT	161	87	161	77	-	10	-	-	-	-	-	-
OTHER ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	470	213	431	213	33	-	-	-	6	-	6	-

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

TABLE 228. (B) INDUSTRY OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

ANN ARBOR, MI SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TRANSPORTATION EQUIPMENT	11 934	3 184	10 171	2 367	1 542	728	46	11	138	52	89	47
MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT	11 763	3 164	10 014	2 347	1 542	728	46	11	124	52	89	47
AIRCRAFT, SPACE VEHICLES, AND PARTS	121	17	107	17	-	-	-	-	14	-	-	-
SHIP AND BOAT BUILDING AND REPAIRING	-	3	-	3	-	-	-	-	-	-	-	-
OTHER TRANSPORTATION EQUIPMENT	50	-	50	-	-	-	-	-	-	-	-	-
PROFESSIONAL AND PHOTOGRAPHIC EQUIPMENT AND WATCHES	461	255	412	248	32	7	-	-	17	-	9	-
MISCELLANEOUS MANUFACTURING INDUSTRIES	196	76	185	76	6	-	-	-	5	-	-	-
NOT SPECIFIED MANUFACTURING INDUSTRIES	86	22	78	16	8	-	-	-	-	-	-	-
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	3 489	1 259	3 144	1 106	283	135	16	12	38	6	19	13
TRANSPORTATION	2 128	707	1 974	640	140	55	12	12	-	-	13	6
RAILROADS	73	6	66	6	7	-	-	-	-	-	-	-
BUS SERVICE AND URBAN TRANSIT	193	108	149	94	44	14	-	-	-	-	-	-
TAXICAB SERVICE	102	32	102	24	-	3	-	5	-	-	7	-
TRUCKING SERVICE AND WAREHOUSING	689	95	664	92	25	3	-	-	-	-	-	-
U.S. POSTAL SERVICE	360	185	304	156	44	29	12	-	-	-	-	-
WATER TRANSPORTATION	9	-	6	-	3	-	-	-	-	-	-	-
AIR TRANSPORTATION	669	192	652	179	17	6	-	7	-	-	6	-
OTHER TRANSPORTATION	33	89	31	89	-	-	-	-	-	-	-	6
COMMUNICATIONS	533	424	505	356	22	62	-	-	-	6	-	7
RADIO AND TELEVISION BROADCASTING	201	97	201	84	-	7	-	-	-	6	-	7
TELEPHONE (WIRE AND RADIO)	282	320	271	265	5	55	-	-	-	-	-	-
TELEGRAPH AND MISCELLANEOUS COMMUNICATION SERVICES	50	7	33	7	17	-	-	-	-	-	-	-
UTILITIES AND SANITARY SERVICES	828	128	665	110	121	18	4	-	38	-	6	-
ELECTRIC AND GAS UTILITIES	540	94	449	83	49	11	4	-	38	-	6	-
WATER SUPPLY, SANITARY SERVICES, AND OTHER UTILITIES	288	34	216	27	72	7	-	-	-	-	-	-
WHOLESALE TRADE	1 578	601	1 526	565	27	27	7	-	18	-	15	11
DURABLE GOODS	907	294	885	278	22	7	-	-	-	-	6	9
MOTOR VEHICLES AND EQUIPMENT	163	57	159	50	4	7	-	-	-	-	6	-
LUMBER AND CONSTRUCTION MATERIALS	43	41	43	41	-	-	-	-	-	-	-	-
ELECTRICAL GOODS	83	8	77	8	6	-	-	-	-	-	-	-
HARDWARE, PLUMBING AND HEATING SUPPLIES	102	44	102	44	-	-	-	-	-	-	-	-
MACHINERY, EQUIPMENT, AND SUPPLIES	345	134	339	125	6	-	-	-	-	-	-	9
OTHER WHOLESALE, DURABLE GOODS	171	10	165	10	6	-	-	-	-	-	-	-
NONDURABLE GOODS	671	307	641	287	5	20	7	-	18	-	9	2
DRUGS, CHEMICALS, AND ALLIED PRODUCTS	48	9	36	9	-	-	-	-	12	-	3	-
GROCERIES AND FARM PRODUCTS	222	132	222	126	-	6	-	-	-	-	6	2
PETROLEUM PRODUCTS	86	4	86	4	-	-	-	-	-	-	-	-
OTHER WHOLESALE, NONDURABLE GOODS	315	162	297	148	5	14	7	-	6	-	-	-
RETAIL TRADE	8 618	9 578	7 882	8 882	521	452	18	21	174	187	63	124
HARDWARE AND BUILDING MATERIAL RETAILING	426	151	417	147	9	4	-	-	-	-	4	-
GENERAL MERCHANDISE STORES	594	1 311	484	1 169	106	101	-	7	4	22	12	28
DEPARTMENT STORES	526	1 208	416	1 091	106	83	-	7	4	15	12	28
FOOD, BAKERY, AND DAIRY STORES	937	1 028	865	958	38	57	-	2	26	11	-	11
MOTOR VEHICLE DEALERS	713	151	696	144	11	7	-	-	6	-	-	-
AUTO AND HOME SUPPLY STORES	205	44	198	44	2	-	-	-	5	-	-	-
GASOLINE SERVICE STATIONS	594	120	579	120	3	-	5	-	7	-	2	-
MISCELLANEOUS VEHICLE DEALERS	18	14	12	14	-	-	-	-	6	-	-	-
APPAREL AND ACCESSORY STORES	420	853	400	795	14	52	-	-	-	6	10	20
FURNITURE, HOME FURNISHINGS, AND APPLIANCE STORES	573	295	550	257	23	32	-	-	-	-	-	6
EATING AND DRINKING PLACES	2 661	3 940	2 278	3 626	264	154	13	6	97	140	31	49
DRUG STORES	268	351	264	337	4	10	-	-	-	-	-	10
OTHER RETAIL TRADE	1 209	1 320	1 139	1 271	47	35	-	6	23	8	4	-
FINANCE, INSURANCE, AND REAL ESTATE	2 214	2 811	2 075	2 596	125	185	-	4	14	8	24	48
BANKING	377	1 184	346	1 078	31	78	-	4	-	6	-	35
CREDIT AGENCIES, OTHER THAN BANKS	83	228	81	217	-	11	-	-	2	-	7	-
SECURITY, COMMODITY BROKERAGE, AND INVESTMENT COMPANIES	113	43	113	43	-	-	-	-	-	-	-	-
INSURANCE	619	543	578	514	29	29	-	-	12	-	-	6
REAL ESTATE, INCLUDING REAL ESTATE-INSURANCE-LAW OFFICES	1 022	813	957	744	65	67	-	-	-	2	17	7
BUSINESS AND REPAIR SERVICES	3 872	2 190	3 614	2 020	183	139	14	-	47	25	48	32
ADVERTISING	86	73	86	73	-	-	-	-	-	-	-	-
SERVICES TO DWELLINGS AND OTHER BUILDINGS	253	162	218	123	35	39	-	-	-	-	-	6
COMMERCIAL RESEARCH, MANAGEMENT, AND DATA PROCESSING SERVICES	1 937	998	1 829	935	71	46	-	-	37	17	14	7
DETECTIVE AND PROTECTIVE SERVICES	299	133	266	127	19	6	-	-	-	-	22	-
OTHER BUSINESS SERVICES	432	676	397	621	27	41	8	-	-	8	-	17
AUTOMOTIVE REPAIR AND SERVICES	548	85	503	78	31	7	4	-	10	-	10	-
OTHER REPAIR SERVICES	317	63	315	63	-	-	2	-	-	-	2	2

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

TABLE 228. (B) INDUSTRY OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

ANN ARBOR, MI SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
PERSONAL SERVICES	751	2 013	647	1 686	87	273	-	17	17	33	9	17
PRIVATE HOUSEHOLDS	57	585	43	439	14	129	-	8	-	5	-	13
HOTELS AND LODGING PLACES	346	600	301	471	35	105	-	7	10	17	9	-
LAUNDRY, CLEANING, AND GARMENT SERVICES	183	223	138	202	38	15	-	-	7	6	-	4
BARBER AND BEAUTY SHOPS	101	478	101	447	-	24	-	2	-	5	-	-
OTHER PERSONAL SERVICES	64	127	64	127	-	-	-	-	-	-	-	-
ENTERTAINMENT AND RECREATION SERVICES	776	469	695	441	53	15	15	-	13	13	-	5
THEATERS AND MOTION PICTURES	386	137	328	130	36	7	9	-	13	-	-	5
OTHER ENTERTAINMENT AND RECREATION SERVICES	390	332	367	311	17	8	6	-	-	13	-	-
PROFESSIONAL AND RELATED SERVICES	20 128	29 474	17 642	25 702	1 510	2 946	70	58	739	588	362	431
HEALTH SERVICES	4 593	10 628	3 917	8 993	466	1 321	11	18	135	260	118	163
OFFICES OF HEALTH PRACTITIONERS	704	1 236	642	1 165	37	38	-	2	19	25	17	27
HOSPITALS	3 419	7 742	2 884	6 418	373	1 086	11	16	104	192	78	111
NURSING AND PERSONAL CARE FACILITIES	147	893	118	721	29	138	-	-	-	34	-	16
HEALTH SERVICES, N.E.C.	323	757	273	689	27	59	-	-	12	9	23	9
LEGAL SERVICES	502	419	487	397	15	22	-	-	-	-	7	-
EDUCATIONAL SERVICES	12 408	15 559	10 953	13 725	827	1 363	47	40	478	296	223	259
ELEMENTARY AND SECONDARY SCHOOLS	2 443	5 071	2 089	4 542	312	467	24	10	7	30	27	24
GOVERNMENT	2 132	4 423	1 807	3 985	283	414	24	-	7	16	19	18
COLLEGES AND UNIVERSITIES	9 800	9 947	8 706	8 692	515	852	23	24	464	266	190	229
GOVERNMENT	8 111	7 770	7 272	6 881	370	584	23	5	370	208	150	179
LIBRARIES	70	324	70	294	-	30	-	-	-	-	-	-
OTHER EDUCATIONAL SERVICES	95	217	88	197	-	14	-	6	7	-	6	6
SOCIAL SERVICES	329	1 398	240	1 225	76	173	-	-	13	-	-	-
CHILD DAY CARE SERVICES	26	499	21	444	5	55	-	-	-	-	-	-
RESIDENTIAL CARE FACILITIES, WITHOUT NURSING	59	156	39	135	20	21	-	-	-	-	-	-
OTHER SOCIAL SERVICES	244	743	180	646	51	97	-	-	13	-	-	-
MUSEUMS, ART GALLERIES, AND ZOOS	39	81	34	81	-	-	-	-	5	-	-	-
RELIGIOUS ORGANIZATIONS	504	322	438	311	46	11	12	-	8	-	-	-
ENGINEERING, ARCHITECTURAL, AND SURVEYING SERVICES	933	291	832	265	25	5	-	-	76	21	9	-
ACCOUNTING, AUDITING, AND BOOKKEEPING SERVICES	185	172	161	165	14	-	-	-	10	7	-	-
NONCOMMERCIAL EDUCATIONAL AND SCIENTIFIC RESEARCH	183	164	159	127	19	28	-	-	5	-	5	9
MISCELLANEOUS PROFESSIONAL AND RELATED SERVICES	452	440	421	413	22	23	-	-	9	4	-	-
PUBLIC ADMINISTRATION	2 383	1 611	2 115	1 337	231	248	-	11	25	15	25	10
EXECUTIVE AND LEGISLATIVE OFFICES	32	78	25	67	7	11	-	-	-	-	-	-
GENERAL GOVERNMENT, N.E.C.	543	462	482	378	55	79	-	-	6	5	-	10
LOCAL GOVERNMENT	331	306	295	280	36	26	-	-	-	-	-	-
JUSTICE, PUBLIC ORDER, AND SAFETY	928	365	807	293	112	55	-	11	9	6	7	-
LOCAL GOVERNMENT	658	221	570	180	79	41	-	-	9	-	7	-
PUBLIC FINANCE, TAXATION, AND MONETARY POLICY	52	49	47	44	-	5	-	-	5	-	-	-
ADMINISTRATION OF HUMAN RESOURCES PROGRAMS	135	334	99	269	24	65	-	-	-	-	18	-
ADMINISTRATION OF ENVIRONMENTAL QUALITY AND HOUSING PROGRAMS	393	147	368	133	25	14	-	-	-	-	-	-
ADMINISTRATION OF ECONOMIC PROGRAMS	216	133	208	114	8	19	-	-	-	-	-	-
NATIONAL SECURITY AND INTERNATIONAL AFFAIRS	84	43	79	39	-	-	-	-	5	4	-	-

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

TABLE 228. (B) INDUSTRY OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

DETROIT, MI SMSA	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
EMPLOYED PERSONS 16 YEARS AND OVER	1 032 327	740 233	882 410	593 531	133 299	135 547	3 109	1 845	8 894	6 452	14 041	9 338
AGRICULTURE, FORESTRY, AND FISHERIES	7 466	2 907	6 945	2 804	396	83	27	2	39	12	149	18
AGRICULTURAL PRODUCTION	4 424	1 367	4 128	1 313	204	39	12	2	27	7	128	14
AGRICULTURAL SERVICES, INCLUDING HORTICULTURAL	2 838	1 489	2 637	1 440	168	44	15	-	12	5	19	4
FORESTRY AND FISHERIES	204	51	180	51	24	-	-	-	-	-	2	-
MINING	1 058	167	979	148	49	19	13	-	-	-	32	-
METAL MINING	44	2	39	2	-	-	5	-	-	-	-	-
COAL MINING	28	17	28	17	-	-	-	-	-	-	-	-
CRUDE PETROLEUM AND NATURAL GAS EXTRACTION	411	95	371	83	32	12	8	-	-	-	-	-
NONMETALLIC MINING AND QUARRYING, EXCEPT FUEL	575	53	541	46	17	7	-	-	-	-	32	-
CONSTRUCTION	56 767	6 425	51 092	5 688	5 093	679	228	14	184	24	497	62
MANUFACTURING	443 964	114 672	375 358	92 757	62 148	20 241	1 407	333	2 714	730	6 702	1 907
NONDURABLE GOODS	51 884	26 627	45 392	22 623	5 854	3 588	118	64	311	169	723	539
MEAT PRODUCTS	2 463	720	1 746	567	677	130	-	6	14	-	99	30
DAIRY PRODUCTS	1 707	223	1 378	198	317	25	-	-	4	-	15	-
CANNED AND PRESERVED FRUITS AND VEGETABLES	558	356	435	318	117	29	-	5	6	-	11	18
BAKERY PRODUCTS	1 931	958	1 499	760	393	170	-	-	5	17	51	16
BEVERAGE INDUSTRIES	4 422	883	3 446	628	899	245	17	6	38	-	39	36
OTHER FOOD INDUSTRIES	1 536	935	1 287	698	227	210	6	-	6	-	31	47
TOBACCO MANUFACTURES	48	11	21	11	27	-	-	-	-	-	-	-
KNITTING MILLS	5	33	5	33	-	-	-	-	-	-	-	-
YARN, THREAD, AND FABRIC MILLS	160	188	154	156	6	32	-	-	-	-	6	5
OTHER TEXTILE MILL PRODUCTS	612	180	570	137	42	43	-	-	-	-	5	-
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	1 758	2 840	1 575	2 194	145	601	9	3	13	19	14	81
PAPER AND ALLIED PRODUCTS	3 176	1 128	2 870	950	274	161	-	5	21	3	27	16
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	13 388	7 971	12 352	7 260	985	667	30	17	21	14	54	104
NEWSPAPER PUBLISHING AND PRINTING	5 684	3 035	5 128	2 786	526	227	15	12	15	-	9	22
CHEMICALS AND ALLIED PRODUCTS	13 318	5 469	11 920	4 636	1 162	699	19	13	160	77	255	81
PLASTICS, SYNTHETICS, AND RESINS	1 560	1 370	1 492	1 234	28	95	5	-	15	27	53	8
DRUGS	2 081	1 483	1 800	1 144	225	308	-	-	56	18	12	18
PETROLEUM AND COAL PRODUCTS	1 011	195	932	173	61	22	9	-	-	-	14	-
PETROLEUM REFINING	743	106	681	96	44	10	9	-	-	-	14	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS	5 583	4 426	5 044	3 815	484	532	25	9	23	39	87	105
FOOTWEAR, EXCEPT RUBBER AND PLASTIC	85	18	65	11	20	7	-	-	-	-	-	-
LEATHER AND LEATHER PRODUCTS, EXCEPT FOOTWEAR	123	93	93	78	18	15	3	-	-	-	15	-
DURABLE GOODS	390 132	87 270	328 507	69 495	55 860	16 533	1 275	269	2 374	556	5 931	1 336
LOGGING	36	8	36	8	-	-	-	-	-	-	-	-
SAWMILLS, PLANING MILLS, AND MILLWORK	931	255	878	238	51	17	-	-	-	-	2	4
WOOD BUILDINGS, MOBILE HOMES, AND MISCELLANEOUS WOOD PRODUCTS	823	348	758	307	61	38	-	-	-	-	4	3
FURNITURE AND FIXTURES	1 971	685	1 695	546	264	116	-	7	6	8	18	15
STONE, CLAY, GLASS, AND CONCRETE PRODUCTS	7 608	2 517	6 149	2 188	1 365	292	6	8	43	19	143	36
GLASS AND GLASS PRODUCTS	3 952	1 077	2 987	910	915	154	6	8	20	-	60	12
CEMENT, CONCRETE, GYPSUM, AND PLASTER PRODUCTS	1 960	292	1 643	279	301	13	-	-	7	-	53	4
PRIMARY METAL INDUSTRIES	29 828	4 096	24 784	3 326	4 453	730	189	25	77	4	923	48
BLAST FURNACES, STEELWORKS, ROLLING AND FINISHING MILLS	19 963	2 434	16 851	1 860	2 719	546	137	19	24	4	691	42
IRON AND STEEL FOUNDRIES	4 345	459	3 108	391	1 124	56	31	6	23	-	127	6
PRIMARY NONFERROUS INDUSTRIES	5 520	1 203	4 825	1 075	610	128	21	-	30	-	105	-
FABRICATED METAL INDUSTRIES	29 763	8 080	26 951	7 249	2 413	729	119	21	122	31	407	145
CUTLERY, HANDTOOLS, AND OTHER HARDWARE	1 616	570	1 493	504	68	48	8	7	33	7	36	4
FABRICATED STRUCTURAL METAL PRODUCTS	6 921	1 262	6 394	1 177	410	75	59	5	22	5	132	2
METAL FORGINGS AND STAMPINGS	10 666	2 551	9 253	2 201	1 289	344	27	-	31	-	128	61
MACHINERY, EXCEPT ELECTRICAL	72 838	14 966	68 130	13 195	3 712	1 607	234	16	569	104	681	170
FARM MACHINERY AND EQUIPMENT	4 039	621	3 656	541	318	80	6	-	37	-	65	5
CONSTRUCTION AND MATERIAL HANDLING MACHINES	2 817	598	2 607	573	144	25	18	-	40	-	43	-
METALWORKING MACHINERY	33 751	5 803	32 223	5 195	1 190	567	81	-	179	37	230	66
OFFICE, ACCOUNTING, AND COMPUTING MACHINES	5 910	2 572	5 347	2 234	373	315	-	3	165	20	35	26
OTHER MACHINERY, EXCEPT ELECTRICAL	26 321	5 372	24 297	4 652	1 687	620	129	13	148	47	308	73
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	7 329	3 887	6 775	3 357	470	452	20	21	55	35	61	43
HOUSEHOLD APPLIANCES	307	183	256	157	39	17	-	9	12	-	5	6
RADIO, TV, AND COMMUNICATION EQUIPMENT	1 313	636	1 174	489	116	126	2	4	21	6	17	16
OTHER ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	5 709	3 068	5 345	2 711	315	309	18	8	22	29	39	21

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

TABLE 228. (B) INDUSTRY OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

DETROIT, MI SMSA	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TRANSPORTATION EQUIPMENT	230 603	47 864	184 628	35 073	42 470	12 080	687	145	1 460	320	3 596	813
MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT	222 242	45 739	177 196	33 375	41 640	11 693	673	121	1 402	309	3 521	788
AIRCRAFT, SPACE VEHICLES, AND PARTS	2 732	691	2 592	595	129	72	-	24	11	-	10	14
SHIP AND BOAT BUILDING AND REPAIRING	644	203	566	191	67	7	-	-	6	5	12	-
OTHER TRANSPORTATION EQUIPMENT	4 985	1 231	4 274	912	634	308	14	-	41	6	53	11
PROFESSIONAL AND PHOTOGRAPHIC EQUIPMENT AND WATCHES	3 062	1 641	2 812	1 470	195	137	20	5	30	17	27	29
MISCELLANEOUS MANUFACTURING INDUSTRIES	5 340	2 923	4 911	2 538	406	335	-	21	12	18	69	30
NOT SPECIFIED MANUFACTURING INDUSTRIES	1 948	775	1 459	639	434	120	14	-	29	5	48	32
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	76 601	33 946	63 455	23 340	12 114	10 277	292	120	363	86	1 030	424
TRANSPORTATION	44 909	15 914	37 002	11 483	7 324	4 317	182	54	117	22	705	206
RAILROADS	6 617	1 082	5 936	951	475	111	41	-	28	5	173	37
BUS SERVICE AND URBAN TRANSIT	2 978	1 277	1 460	748	1 462	522	28	7	11	-	43	-
TAXICAB SERVICE	1 406	265	657	138	730	127	-	-	13	-	6	9
TRUCKING SERVICE AND WAREHOUSING	20 680	3 351	18 969	2 982	1 528	352	93	13	16	-	325	29
U.S. POSTAL SERVICE	7 690	5 481	5 021	2 657	2 624	2 782	9	20	8	3	102	58
WATER TRANSPORTATION	664	114	601	107	43	7	11	-	9	-	-	-
AIR TRANSPORTATION	3 608	2 040	3 185	1 696	394	324	-	6	19	14	37	35
OTHER TRANSPORTATION	1 266	2 304	1 173	2 204	68	92	-	8	13	-	19	38
COMMUNICATIONS	11 854	13 479	10 242	8 862	1 476	4 469	44	36	66	46	108	177
RADIO AND TELEVISION BROADCASTING	1 593	977	1 315	674	260	285	13	-	5	7	-	18
TELEPHONE (WIRE AND RADIO)	9 915	12 359	8 664	8 094	1 139	4 135	31	36	55	39	100	159
TELEGRAPH AND MISCELLANEOUS COMMUNICATION SERVICES	346	143	263	94	77	49	-	-	6	-	8	-
UTILITIES AND SANITARY SERVICES	19 838	4 553	16 211	2 995	3 314	1 491	66	30	180	18	217	41
ELECTRIC AND GAS UTILITIES	14 100	3 607	12 346	2 537	1 602	1 017	31	30	85	11	154	26
WATER SUPPLY, SANITARY SERVICES, AND OTHER UTILITIES	5 738	946	3 865	458	1 712	474	35	-	95	7	63	15
WHOLESALE TRADE	52 160	19 096	47 280	17 126	4 253	1 787	164	56	321	68	507	180
DURABLE GOODS	32 526	11 684	29 768	10 570	2 364	984	106	43	220	51	328	82
MOTOR VEHICLES AND EQUIPMENT	7 008	2 326	6 463	2 090	457	210	18	6	46	4	98	33
LUMBER AND CONSTRUCTION MATERIALS	1 437	402	1 347	383	69	19	5	-	-	-	24	4
ELECTRICAL GOODS	2 863	1 207	2 711	1 123	131	71	9	6	12	-	27	-
HARDWARE, PLUMBING AND HEATING SUPPLIES	2 979	908	2 757	829	187	79	24	-	11	-	21	-
MACHINERY, EQUIPMENT, AND SUPPLIES	10 933	4 016	10 069	3 554	745	397	19	25	89	27	76	26
OTHER WHOLESALE, DURABLE GOODS	7 306	2 825	6 421	2 591	775	208	31	6	62	20	82	19
NONDURABLE GOODS	19 634	7 412	17 512	6 556	1 889	803	58	13	101	17	179	98
DRUGS, CHEMICALS, AND ALLIED PRODUCTS	1 809	1 198	1 685	1 051	124	135	-	-	-	2	13	33
GROCERIES AND FARM PRODUCTS	8 717	2 768	7 407	2 425	1 197	343	26	-	36	-	95	22
PETROLEUM PRODUCTS	1 241	246	1 150	231	80	5	11	6	-	-	17	9
OTHER WHOLESALE, NONDURABLE GOODS	7 867	3 200	7 270	2 849	488	320	21	7	65	15	54	34
RETAIL TRADE	134 722	159 648	120 218	143 027	12 159	14 613	317	365	1 464	1 203	1 958	1 832
HARDWARE AND BUILDING MATERIAL RETAILING	6 076	2 790	5 709	2 685	297	75	44	2	20	28	32	38
GENERAL MERCHANDISE STORES	11 507	30 594	9 984	26 612	1 392	3 634	12	74	100	168	164	316
DEPARTMENT STORES	10 371	27 644	8 978	24 026	1 262	3 303	12	66	100	150	157	277
FOOD, BAKERY, AND DAIRY STORES	21 449	19 512	19 398	17 802	1 771	1 587	48	42	100	50	321	177
MOTOR VEHICLE DEALERS	12 745	2 767	11 991	2 677	644	71	15	-	42	11	158	25
AUTO AND HOME SUPPLY STORES	3 864	849	3 574	771	276	78	-	-	14	-	55	19
GASOLINE SERVICE STATIONS	8 549	1 816	7 651	1 693	811	117	7	-	67	6	65	11
MISCELLANEOUS VEHICLE DEALERS	810	234	801	234	-	-	7	-	-	-	-	-
APPAREL AND ACCESSORY STORES	6 041	13 885	5 089	11 885	803	1 801	35	20	109	128	61	198
FURNITURE, HOME FURNISHINGS, AND APPLIANCE STORES	9 494	5 625	8 566	5 273	861	325	10	-	37	27	116	50
EATING AND DRINKING PLACES	33 139	54 144	28 288	48 197	3 653	4 873	104	166	860	743	690	770
DRUG STORES	4 655	6 879	4 288	6 192	313	616	-	12	26	8	78	81
OTHER RETAIL TRADE	16 393	20 553	14 879	19 006	1 338	1 436	35	49	89	34	218	147
FINANCE, INSURANCE, AND REAL ESTATE	36 896	60 842	32 692	50 768	3 743	9 405	88	143	262	268	304	684
BANKING	7 243	22 211	6 129	17 861	1 042	4 143	14	26	34	68	73	280
CREDIT AGENCIES, OTHER THAN BANKS	3 281	6 971	3 032	6 094	223	827	-	16	19	7	23	71
SECURITY, COMMODITY BROKERAGE, AND INVESTMENT COMPANIES	2 139	1 433	2 067	1 308	43	112	-	-	29	13	14	1
INSURANCE	13 216	19 633	11 705	15 894	1 311	3 459	35	59	133	152	93	232
REAL ESTATE, INCLUDING REAL ESTATE-INSURANCE-LAW OFFICES	11 017	10 594	9 759	9 611	1 124	864	39	42	47	28	101	100
BUSINESS AND REPAIR SERVICES	46 236	27 269	40 677	23 297	4 910	3 610	164	67	312	214	590	307
ADVERTISING	3 244	2 857	3 052	2 754	152	81	-	14	22	4	50	52
SERVICES TO DWELLINGS AND OTHER BUILDINGS	2 904	2 569	2 216	1 774	660	765	12	5	8	10	39	44
COMMERCIAL RESEARCH, MANAGEMENT, AND DATA PROCESSING SERVICES	8 325	6 937	7 677	5 927	472	868	38	22	120	104	70	69
DETECTIVE AND PROTECTIVE SERVICES	4 193	1 153	3 014	881	1 152	253	16	-	5	13	52	24
OTHER BUSINESS SERVICES	8 357	10 642	7 778	9 136	485	1 365	6	26	48	75	117	83
AUTOMOTIVE REPAIR AND SERVICES	12 369	1 828	10 449	1 602	1 686	218	66	-	109	8	190	31
OTHER REPAIR SERVICES	6 844	1 283	6 491	1 223	303	60	26	-	-	-	72	4

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

TABLE 228. (B) INDUSTRY OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

DETROIT, MI SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
PERSONAL SERVICES	12 297	31 053	9 634	22 306	2 464	8 298	27	120	97	196	197	411
PRIVATE HOUSEHOLDS	546	7 850	395	4 532	137	3 202	9	53	5	45	6	70
HOTELS AND LODGING PLACES	3 749	6 878	2 835	5 014	813	1 771	11	12	50	55	88	104
LAUNDRY, CLEANING, AND GARMENT SERVICES	3 011	5 253	2 160	3 082	802	2 033	7	40	35	50	36	100
BARBER AND BEAUTY SHOPS	2 737	8 755	2 336	7 637	386	1 044	-	9	-	29	39	89
OTHER PERSONAL SERVICES	2 254	2 317	1 908	2 041	326	248	-	6	7	17	28	48
ENTERTAINMENT AND RECREATION SERVICES	10 101	7 759	8 723	6 963	1 276	742	40	15	43	18	137	100
THEATERS AND MOTION PICTURES	3 112	1 737	2 785	1 577	294	138	13	10	13	6	41	12
OTHER ENTERTAINMENT AND RECREATION SERVICES	6 989	6 022	5 938	5 386	982	604	27	5	30	12	96	88
PROFESSIONAL AND RELATED SERVICES	112 890	242 665	93 552	185 031	15 808	52 742	199	514	2 898	3 540	1 414	2 839
HEALTH SERVICES	33 862	114 905	25 605	83 660	6 118	27 674	31	295	1 936	2 882	622	1 332
OFFICES OF HEALTH PRACTITIONERS	8 547	20 398	7 358	18 548	498	1 467	7	46	658	261	154	252
HOSPITALS	20 288	70 675	14 686	48 667	4 320	19 322	23	158	1 138	2 357	379	718
NURSING AND PERSONAL CARE FACILITIES	2 274	15 891	1 378	10 482	878	5 119	1	63	15	155	21	220
HEALTH SERVICES, N.E.C.	2 753	7 941	2 183	5 963	422	1 766	-	28	125	109	68	142
LEGAL SERVICES	7 031	6 918	6 688	6 373	324	488	-	33	19	13	49	30
EDUCATIONAL SERVICES	43 733	92 846	36 910	72 995	6 209	18 952	75	150	362	465	453	1 003
ELEMENTARY AND SECONDARY SCHOOLS	33 839	78 186	28 756	61 214	4 806	16 279	64	119	97	309	305	813
GOVERNMENT	29 179	63 733	24 666	48 911	4 302	14 312	56	99	55	219	253	623
COLLEGES AND UNIVERSITIES	8 467	11 105	6 984	8 753	1 163	2 177	6	25	253	140	118	145
GOVERNMENT	5 264	6 374	4 510	5 104	544	1 168	6	12	174	80	63	66
LIBRARIES	485	1 923	395	1 613	90	304	-	-	-	6	20	30
OTHER EDUCATIONAL SERVICES	942	1 632	775	1 415	150	192	5	6	12	10	10	15
SOCIAL SERVICES	3 318	11 384	2 236	7 501	1 000	3 729	18	12	54	79	21	217
CHILD DAY CARE SERVICES	291	4 263	170	2 981	116	1 242	-	7	-	33	-	44
RESIDENTIAL CARE FACILITIES, WITHOUT NURSING	604	1 475	349	902	236	568	13	-	6	5	-	7
OTHER SOCIAL SERVICES	2 423	5 646	1 717	3 618	648	1 919	5	5	48	41	21	166
MUSEUMS, ART GALLERIES, AND ZOOS	546	613	454	524	75	89	-	-	17	-	-	4
RELIGIOUS ORGANIZATIONS	5 050	4 811	4 341	4 227	643	535	10	9	48	9	46	99
ENGINEERING, ARCHITECTURAL, AND SURVEYING SERVICES	10 050	1 944	9 161	1 723	433	191	35	-	387	23	102	45
ACCOUNTING, AUDITING, AND BOOKKEEPING SERVICES	4 682	4 071	4 391	3 825	222	202	14	-	49	31	29	22
NONCOMMERCIAL EDUCATIONAL AND SCIENTIFIC RESEARCH	285	378	254	320	17	45	-	7	14	6	-	5
MISCELLANEOUS PROFESSIONAL AND RELATED SERVICES	4 333	4 795	3 512	3 883	767	837	16	8	12	32	92	82
PUBLIC ADMINISTRATION	41 169	33 784	31 805	20 276	8 886	13 051	143	96	197	93	524	574
EXECUTIVE AND LEGISLATIVE OFFICES	608	925	496	654	91	255	5	-	9	-	7	7
GENERAL GOVERNMENT, N.E.C.	9 915	10 359	7 023	6 621	2 719	3 593	50	30	85	29	174	171
LOCAL GOVERNMENT	7 159	6 797	5 044	4 648	2 011	2 039	37	22	41	17	109	134
JUSTICE, PUBLIC ORDER, AND SAFETY	18 702	6 094	15 265	4 096	3 304	1 933	44	21	43	4	229	100
LOCAL GOVERNMENT	16 790	5 018	13 724	3 353	2 951	1 606	38	15	31	4	216	100
PUBLIC FINANCE, TAXATION, AND MONETARY POLICY	2 124	2 977	1 747	1 480	370	1 439	-	-	7	-	11	97
ADMINISTRATION OF HUMAN RESOURCES PROGRAMS	2 793	8 623	1 740	4 356	1 022	4 142	-	24	19	53	14	111
ADMINISTRATION OF ENVIRONMENTAL QUALITY AND HOUSING PROGRAMS	1 507	741	1 199	523	275	213	5	5	-	-	38	23
ADMINISTRATION OF ECONOMIC PROGRAMS	2 276	2 030	1 497	1 156	742	831	20	16	10	7	30	47
NATIONAL SECURITY AND INTERNATIONAL AFFAIRS	3 244	2 035	2 838	1 390	363	645	19	-	24	-	21	18

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

TABLE 228. (B) INDUSTRY OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

FLINT, MI SMSA	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
EMPLOYED PERSONS 16 YEARS AND OVER	118 319	81 263	104 273	68 932	12 317	11 325	594	403	469	238	1 345	825
AGRICULTURE, FORESTRY, AND FISHERIES	1 471	381	1 424	375	32	6	15	-	-	-	-	-
AGRICULTURAL PRODUCTION	1 173	207	1 157	207	1	-	15	-	-	-	-	-
AGRICULTURAL SERVICES, INCLUDING HORTICULTURAL	285	174	254	168	31	6	-	-	-	-	-	-
FORESTRY AND FISHERIES	13	-	13	-	-	-	-	-	-	-	-	-
MINING	149	17	149	17	-	-	-	-	-	-	-	-
METAL MINING	7	-	7	-	-	-	-	-	-	-	-	-
COAL MINING	-	-	-	-	-	-	-	-	-	-	-	-
CRUDE PETROLEUM AND NATURAL GAS EXTRACTION	51	7	51	7	-	-	-	-	-	-	-	-
NONMETALLIC MINING AND QUARRYING, EXCEPT FUEL	91	10	91	10	-	-	-	-	-	-	-	-
CONSTRUCTION	6 177	509	5 814	465	301	44	41	-	-	-	57	4
MANUFACTURING	62 225	16 909	52 869	12 651	8 453	4 032	291	102	154	62	878	175
NONDURABLE GOODS	2 917	1 542	2 729	1 374	161	149	7	11	-	-	24	9
MEAT PRODUCTS	83	63	83	53	-	10	-	-	-	-	-	-
DAIRY PRODUCTS	290	86	246	73	36	7	-	6	-	-	8	-
CANNED AND PRESERVED FRUITS AND VEGETABLES	29	33	23	7	6	26	-	-	-	-	-	-
BAKERY PRODUCTS	45	36	36	36	9	-	-	-	-	-	-	-
BEVERAGE INDUSTRIES	235	70	202	65	21	5	-	-	-	-	16	5
OTHER FOOD INDUSTRIES	70	29	70	29	-	-	-	-	-	-	-	-
TOBACCO MANUFACTURES	13	-	13	-	-	-	-	-	-	-	-	-
KNITTING MILLS	-	-	-	-	-	-	-	-	-	-	-	-
YARN, THREAD, AND FABRIC MILLS	26	7	26	7	-	-	-	-	-	-	-	-
OTHER TEXTILE MILL PRODUCTS	34	35	26	31	8	-	-	-	-	-	-	-
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	96	53	96	44	-	5	-	-	-	-	-	4
PAPER AND ALLIED PRODUCTS	339	166	326	123	13	38	-	5	-	-	-	-
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	824	622	779	598	38	24	7	-	-	-	-	-
NEWSPAPER PUBLISHING AND PRINTING	519	400	500	387	19	13	-	-	-	-	-	-
CHEMICALS AND ALLIED PRODUCTS	587	218	564	192	23	26	-	-	-	-	-	-
PLASTICS, SYNTHETICS, AND RESINS	71	74	62	74	9	-	-	-	-	-	-	-
DRUGS	4	7	4	7	-	-	-	-	-	-	-	-
PETROLEUM AND COAL PRODUCTS	31	2	24	2	7	-	-	-	-	-	-	-
PETROLEUM REFINING	31	-	24	-	7	-	-	-	-	-	-	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS	215	120	215	112	-	8	-	-	-	-	-	-
FOOTWEAR, EXCEPT RUBBER AND PLASTIC	-	-	-	-	-	-	-	-	-	-	-	-
LEATHER AND LEATHER PRODUCTS, EXCEPT FOOTWEAR	-	2	-	2	-	-	-	-	-	-	-	-
DURABLE GOODS	59 162	15 292	50 017	11 208	8 269	3 877	284	91	154	62	854	166
LOGGING	12	-	12	-	-	-	-	-	-	-	-	-
SAWMILLS, PLANING MILLS, AND MILLWORK	20	-	20	-	-	-	-	-	-	-	-	-
WOOD BUILDINGS, MOBILE HOMES, AND MISCELLANEOUS WOOD PRODUCTS	29	32	17	32	12	-	-	-	-	-	-	-
FURNITURE AND FIXTURES	167	81	158	81	9	-	-	-	-	-	-	-
STONE, CLAY, GLASS, AND CONCRETE PRODUCTS	673	227	637	222	36	5	-	-	-	-	-	-
GLASS AND GLASS PRODUCTS	142	27	119	27	23	-	-	-	-	-	-	-
CEMENT, CONCRETE, GYPSUM, AND PLASTER PRODUCTS	297	50	284	45	13	5	-	-	-	-	-	-
PRIMARY METAL INDUSTRIES	317	57	275	57	42	-	-	-	-	-	1	6
BLAST FURNACES, STEELWORKS, ROLLING AND FINISHING MILLS	95	14	81	14	14	-	-	-	-	-	1	-
IRON AND STEEL FOUNDRIES	110	27	94	27	16	-	-	-	-	-	-	-
PRIMARY NONFERROUS INDUSTRIES	112	16	100	16	12	-	-	-	-	-	-	6
FABRICATED METAL INDUSTRIES	3 365	1 006	2 849	764	460	216	18	12	-	6	58	13
CUTLERY, HANDTOOLS, AND OTHER HARDWARE	549	286	481	225	55	53	-	-	-	-	13	8
FABRICATED STRUCTURAL METAL PRODUCTS	530	165	465	150	51	9	6	6	-	-	8	-
METAL FORGINGS AND STAMPINGS	2 110	499	1 727	333	354	154	12	6	-	6	37	5
MACHINERY, EXCEPT ELECTRICAL	2 153	373	2 118	350	16	14	5	9	5	-	3	-
FARM MACHINERY AND EQUIPMENT	37	12	37	12	-	-	-	-	-	-	-	-
CONSTRUCTION AND MATERIAL HANDLING MACHINES	373	41	373	41	-	-	-	-	-	-	-	-
METALWORKING MACHINERY	813	164	805	164	-	-	3	-	5	-	3	-
OFFICE, ACCOUNTING, AND COMPUTING MACHINES	74	36	74	22	-	14	-	-	-	-	-	-
OTHER MACHINERY, EXCEPT ELECTRICAL	856	120	829	111	16	-	2	9	-	-	-	-
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	1 217	943	1 160	924	53	-	-	9	-	10	4	4
HOUSEHOLD APPLIANCES	10	18	10	18	-	-	-	-	-	-	-	-
RADIO, TV, AND COMMUNICATION EQUIPMENT	16	15	16	15	-	-	-	-	-	-	-	-
OTHER ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	1 191	910	1 134	891	53	-	-	9	-	10	4	4

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

TABLE 228. (B) INDUSTRY OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

FLINT, MI SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TRANSPORTATION EQUIPMENT	50 904	12 396	42 526	8 622	7 594	3 626	253	56	149	46	776	138
MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT	50 795	12 375	42 423	8 613	7 588	3 614	253	56	149	46	776	138
AIRCRAFT, SPACE VEHICLES, AND PARTS	6	6	6	-	-	6	-	-	-	-	-	-
SHIP AND BOAT BUILDING AND REPAIRING	56	4	56	4	-	-	-	-	-	-	-	-
OTHER TRANSPORTATION EQUIPMENT	47	11	41	5	6	6	-	-	-	-	-	-
PROFESSIONAL AND PHOTOGRAPHIC EQUIPMENT AND WATCHES	141	66	118	45	10	16	8	5	-	-	-	5
MISCELLANEOUS MANUFACTURING INDUSTRIES	164	111	127	111	37	-	-	-	-	-	12	-
NOT SPECIFIED MANUFACTURING INDUSTRIES	146	75	123	69	23	6	-	-	-	-	-	-
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	6 160	2 354	5 678	1 989	430	325	25	31	4	-	67	15
TRANSPORTATION	3 888	1 150	3 591	957	262	166	17	20	2	-	60	13
RAILROADS	1 039	124	982	119	41	5	6	-	2	-	8	-
BUS SERVICE AND URBAN TRANSIT	152	133	128	117	24	8	-	8	-	-	-	6
TAXICAB SERVICE	35	31	35	21	-	10	-	-	-	-	-	-
TRUCKING SERVICE AND WAREHOUSING	1 829	160	1 667	160	156	-	-	-	-	-	21	-
U.S. POSTAL SERVICE	661	604	621	442	27	143	11	12	-	-	23	7
WATER TRANSPORTATION	-	-	-	-	-	-	-	-	-	-	-	-
AIR TRANSPORTATION	159	5	150	5	9	-	-	-	-	-	8	-
OTHER TRANSPORTATION	13	93	8	93	5	-	-	-	-	-	-	-
COMMUNICATIONS	1 258	917	1 140	787	118	123	-	5	-	-	-	2
RADIO AND TELEVISION BROADCASTING	254	116	220	99	34	12	-	5	-	-	-	-
TELEPHONE (WIRE AND RADIO)	913	755	842	648	71	105	-	-	-	-	-	2
TELEGRAPH AND MISCELLANEOUS COMMUNICATION SERVICES	91	46	78	40	13	6	-	-	-	-	-	-
UTILITIES AND SANITARY SERVICES	1 014	287	947	245	50	36	8	6	2	-	7	-
ELECTRIC AND GAS UTILITIES	593	204	567	169	16	29	8	6	2	-	-	-
WATER SUPPLY, SANITARY SERVICES, AND OTHER UTILITIES	421	83	380	76	34	7	-	-	-	-	7	-
WHOLESALE TRADE	4 493	1 445	4 235	1 395	188	45	30	5	6	-	38	5
DURABLE GOODS	3 048	953	2 878	915	112	38	24	-	-	-	38	5
MOTOR VEHICLES AND EQUIPMENT	1 008	423	909	398	65	25	5	-	-	-	31	5
LUMBER AND CONSTRUCTION MATERIALS	140	51	140	51	-	-	-	-	-	-	-	-
ELECTRICAL GOODS	217	35	205	35	12	-	-	-	-	-	-	-
HARDWARE, PLUMBING AND HEATING SUPPLIES	372	82	360	75	12	7	-	-	-	-	-	-
MACHINERY, EQUIPMENT, AND SUPPLIES	805	272	781	266	17	6	7	-	-	-	7	-
OTHER WHOLESALE, DURABLE GOODS	506	90	483	90	6	-	12	-	-	-	-	-
NONDURABLE GOODS	1 445	492	1 357	480	76	7	6	5	6	-	-	-
DRUGS, CHEMICALS, AND ALLIED PRODUCTS	97	42	97	42	-	-	-	-	-	-	-	-
GROCERIES AND FARM PRODUCTS	727	229	696	224	31	-	-	5	-	-	-	-
PETROLEUM PRODUCTS	127	48	109	48	12	-	-	-	6	-	-	-
OTHER WHOLESALE, NONDURABLE GOODS	494	173	455	166	33	7	6	-	-	-	-	-
RETAIL TRADE	14 685	17 592	13 596	16 150	905	1 191	71	79	38	41	171	265
HARDWARE AND BUILDING MATERIAL RETAILING	810	287	770	280	40	-	-	-	-	-	7	7
GENERAL MERCHANDISE STORES	1 284	3 241	1 098	2 952	178	258	6	20	2	4	-	7
DEPARTMENT STORES	1 132	2 813	976	2 539	148	243	6	20	2	4	-	7
FOOD, BAKERY, AND DAIRY STORES	2 558	2 293	2 374	2 124	162	138	20	16	-	-	23	22
MOTOR VEHICLE DEALERS	1 555	404	1 530	394	25	10	-	-	-	-	-	-
AUTO AND HOME SUPPLY STORES	527	108	488	102	39	6	-	-	-	-	22	-
GASOLINE SERVICE STATIONS	1 040	224	1 012	214	28	10	-	-	-	-	7	-
MISCELLANEOUS VEHICLE DEALERS	97	47	97	47	-	-	-	-	-	-	-	-
APPAREL AND ACCESSORY STORES	539	1 443	467	1 310	65	106	-	7	-	12	7	12
FURNITURE, HOME FURNISHINGS, AND APPLIANCE STORES	849	614	814	562	25	45	5	7	-	-	21	-
EATING AND DRINKING PLACES	3 309	5 948	2 919	5 334	287	500	18	29	31	14	79	159
DRUG STORES	545	865	515	831	30	27	-	-	-	-	-	11
OTHER RETAIL TRADE	1 572	2 118	1 512	2 000	26	91	22	-	5	11	5	47
FINANCE, INSURANCE, AND REAL ESTATE	3 305	4 832	3 112	4 420	178	375	7	14	-	6	15	19
BANKING	752	2 248	691	2 021	61	217	-	4	-	6	-	6
CREDIT AGENCIES, OTHER THAN BANKS	190	559	164	486	26	56	-	-	-	-	7	6
SECURITY, COMMODITY BROKERAGE, AND INVESTMENT COMPANIES	166	103	166	97	-	6	-	-	-	-	-	-
INSURANCE	996	900	965	848	31	52	-	-	-	-	-	7
REAL ESTATE, INCLUDING REAL ESTATE-INSURANCE-LAW OFFICES	1 201	1 022	1 126	968	60	44	7	10	-	-	8	-
BUSINESS AND REPAIR SERVICES	3 199	1 904	2 972	1 764	169	121	50	8	8	11	15	3
ADVERTISING	164	56	164	56	-	-	-	-	-	-	-	-
SERVICES TO DWELLINGS AND OTHER BUILDINGS	207	150	185	130	22	20	-	-	-	-	-	-
COMMERCIAL RESEARCH, MANAGEMENT, AND DATA PROCESSING SERVICES	358	504	328	457	30	31	-	5	-	11	-	-
DETECTIVE AND PROTECTIVE SERVICES	231	74	203	68	18	6	10	-	-	-	-	-
OTHER BUSINESS SERVICES	436	904	414	843	8	58	6	3	8	-	-	3
AUTOMOTIVE REPAIR AND SERVICES	1 185	107	1 104	101	66	6	15	-	-	-	15	-
OTHER REPAIR SERVICES	618	109	574	109	25	-	19	-	-	-	-	-

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

TABLE 228. (B) INDUSTRY OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

FLINT, MI SMSA	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
PERSONAL SERVICES	1 158	3 577	1 048	3 128	110	413	-	26	-	-	7	37
PRIVATE HOUSEHOLDS	23	988	23	794	-	181	-	8	-	-	-	12
HOTELS AND LODGING PLACES	259	684	232	535	27	137	-	12	-	-	-	5
LAUNDRY, CLEANING, AND GARMENT SERVICES	281	519	267	474	14	40	-	-	-	-	-	11
BARBER AND BEAUTY SHOPS	343	1 065	301	1 009	42	50	-	6	-	-	7	-
OTHER PERSONAL SERVICES	252	321	225	316	27	5	-	-	-	-	-	9
ENTERTAINMENT AND RECREATION SERVICES	847	818	774	757	66	61	7	-	-	-	5	10
THEATERS AND MOTION PICTURES	231	178	200	167	31	11	-	-	-	-	5	10
OTHER ENTERTAINMENT AND RECREATION SERVICES	616	640	574	590	35	50	7	-	-	-	-	-
PROFESSIONAL AND RELATED SERVICES	11 183	28 491	9 743	23 859	1 141	4 273	45	130	224	103	55	239
HEALTH SERVICES	2 947	13 420	2 377	10 775	366	2 459	19	71	178	57	19	103
OFFICES OF HEALTH PRACTITIONERS	858	2 460	694	2 295	61	122	1	-	102	18	6	25
HOSPITALS	1 658	8 432	1 348	6 437	219	1 901	13	41	71	37	13	51
NURSING AND PERSONAL CARE FACILITIES	134	1 651	108	1 308	26	318	-	10	-	2	-	18
HEALTH SERVICES, N.E.C.	297	877	227	735	60	118	5	20	5	-	-	9
LEGAL SERVICES	414	524	395	494	19	30	-	-	-	-	7	-
EDUCATIONAL SERVICES	5 638	11 623	4 976	10 118	603	1 346	20	51	31	44	14	100
ELEMENTARY AND SECONDARY SCHOOLS	4 591	9 997	4 039	8 718	518	1 166	14	49	12	13	14	87
GOVERNMENT	4 022	8 427	3 546	7 314	442	1 025	14	44	12	6	14	66
COLLEGES AND UNIVERSITIES	918	1 142	840	998	53	119	6	2	19	15	-	8
GOVERNMENT	500	624	470	542	24	65	-	2	6	7	-	8
LIBRARIES	45	258	18	218	27	30	-	-	-	10	-	-
OTHER EDUCATIONAL SERVICES	84	226	79	184	5	31	-	-	-	6	-	5
SOCIAL SERVICES	424	1 470	325	1 140	84	316	-	8	-	2	15	34
CHILD DAY CARE SERVICES	37	385	29	329	8	56	-	-	-	-	-	7
RESIDENTIAL CARE FACILITIES, WITHOUT NURSING	53	123	42	54	11	69	-	-	-	-	-	6
OTHER SOCIAL SERVICES	334	962	254	757	65	191	-	8	-	2	15	21
MUSEUMS, ART GALLERIES, AND ZOOS	18	21	18	18	-	3	-	-	-	-	-	-
RELIGIOUS ORGANIZATIONS	716	563	673	539	34	24	2	-	7	-	-	-
ENGINEERING, ARCHITECTURAL, AND SURVEYING SERVICES	442	98	442	94	-	4	-	-	-	-	-	-
ACCOUNTING, AUDITING, AND BOOKKEEPING SERVICES	226	385	222	370	-	15	4	-	-	-	-	2
NONCOMMERCIAL EDUCATIONAL AND SCIENTIFIC RESEARCH	20	23	6	12	6	11	-	-	8	-	-	-
MISCELLANEOUS PROFESSIONAL AND RELATED SERVICES	338	364	309	299	29	65	-	-	-	-	-	-
PUBLIC ADMINISTRATION	3 267	2 434	2 859	1 962	344	439	12	8	35	15	37	53
EXECUTIVE AND LEGISLATIVE OFFICES	62	148	57	146	-	2	-	-	5	-	-	-
GENERAL GOVERNMENT, N.E.C.	671	849	558	651	107	198	-	-	6	-	-	15
LOCAL GOVERNMENT	530	560	434	428	90	132	-	-	6	-	-	11
JUSTICE, PUBLIC ORDER, AND SAFETY	1 764	680	1 577	559	151	114	12	-	13	7	19	-
LOCAL GOVERNMENT	1 472	594	1 297	478	144	109	12	-	8	7	19	-
PUBLIC FINANCE, TAXATION, AND MONETARY POLICY	144	116	133	88	11	28	-	-	-	-	7	11
ADMINISTRATION OF HUMAN RESOURCES PROGRAMS	176	413	166	351	10	62	-	-	-	-	-	10
ADMINISTRATION OF ENVIRONMENTAL QUALITY AND HOUSING PROGRAMS	154	63	129	57	19	6	-	-	-	-	11	-
ADMINISTRATION OF ECONOMIC PROGRAMS	200	165	164	110	25	29	-	8	11	8	-	17
NATIONAL SECURITY AND INTERNATIONAL AFFAIRS	96	-	75	-	21	-	-	-	-	-	-	-

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

TABLE 228. (B) INDUSTRY OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

GRAND RAPIDS, MI SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
EMPLOYED PERSONS 16 YEARS AND OVER	158 062	116 376	150 021	108 858	5 203	5 551	477	403	889	630	2 936	2 112
AGRICULTURE, FORESTRY, AND FISHERIES	3 908	1 408	3 785	1 329	28	-	11	-	-	2	124	103
AGRICULTURAL PRODUCTION	3 318	1 083	3 223	1 020	7	-	9	-	-	2	119	87
AGRICULTURAL SERVICES, INCLUDING HORTICULTURAL	495	319	482	303	6	-	2	-	-	-	5	16
FORESTRY AND FISHERIES	95	6	80	6	15	-	-	-	-	-	-	-
MINING	189	24	178	24	4	-	-	-	-	-	7	-
METAL MINING	15	-	15	-	-	-	-	-	-	-	-	-
COAL MINING	-	-	-	-	-	-	-	-	-	-	-	-
CRUDE PETROLEUM AND NATURAL GAS EXTRACTION	51	17	44	17	-	-	-	-	-	-	7	-
NONMETALLIC MINING AND QUARRYING, EXCEPT FUEL	123	7	119	7	4	-	-	-	-	-	-	-
CONSTRUCTION	12 586	986	12 287	965	211	13	35	-	30	-	111	8
MANUFACTURING	60 014	25 233	56 013	22 820	2 448	1 764	280	142	455	212	1 591	804
NONDURABLE GOODS	13 181	9 250	12 421	8 578	400	433	46	38	97	81	439	288
MEAT PRODUCTS	769	345	676	337	16	-	17	6	-	-	92	10
DAIRY PRODUCTS	345	100	345	100	-	-	-	-	-	-	2	-
CANNED AND PRESERVED FRUITS AND VEGETABLES	218	256	203	205	-	-	-	-	-	2	15	90
BAKERY PRODUCTS	1 110	847	967	769	110	68	-	-	5	10	64	24
BEVERAGE INDUSTRIES	389	103	332	96	48	7	4	-	-	-	12	-
OTHER FOOD INDUSTRIES	351	306	298	282	14	6	-	-	-	-	67	45
TOBACCO MANUFACTURES	18	-	18	-	-	-	-	-	-	-	-	-
KNITTING MILLS	-	-	-	-	-	-	-	-	-	-	-	-
YARN, THREAD, AND FABRIC MILLS	34	33	34	33	-	-	-	-	-	-	-	-
OTHER TEXTILE MILL PRODUCTS	403	236	362	231	11	5	11	-	13	-	32	-
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	594	1 220	535	1 022	35	135	3	9	16	31	11	30
PAPER AND ALLIED PRODUCTS	1 058	359	982	352	52	-	-	-	-	-	24	14
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	2 780	1 887	2 685	1 800	57	62	7	-	5	18	24	32
NEWSPAPER PUBLISHING AND PRINTING	635	458	608	431	25	13	-	-	-	7	-	15
CHEMICALS AND ALLIED PRODUCTS	3 257	2 114	3 171	2 003	37	82	-	10	47	5	52	35
PLASTICS, SYNTHETICS, AND RESINS	260	141	258	100	-	26	-	10	-	-	2	5
DRUGS	414	246	414	232	-	14	-	-	-	-	22	10
PETROLEUM AND COAL PRODUCTS	33	-	26	-	-	-	-	-	-	-	7	-
PETROLEUM REFINING	21	-	14	-	-	-	-	-	-	-	7	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS	1 269	954	1 245	862	20	68	4	9	-	15	37	4
FOOTWEAR, EXCEPT RUBBER AND PLASTIC	286	387	275	387	-	-	-	-	11	-	-	4
LEATHER AND LEATHER PRODUCTS, EXCEPT FOOTWEAR	267	103	267	99	-	-	-	4	-	-	-	-
DURABLE GOODS	46 567	15 828	43 366	14 113	2 015	1 305	234	104	351	131	1 145	516
LOGGING	59	-	59	-	-	-	-	-	-	-	-	-
SAWMILLS, PLANING MILLS, AND MILLWORK	475	100	442	100	6	-	-	-	5	-	37	-
WOOD BUILDINGS, MOBILE HOMES, AND MISCELLANEOUS WOOD PRODUCTS	424	143	406	143	18	-	-	-	-	-	-	8
FURNITURE AND FIXTURES	10 644	3 315	9 777	2 956	572	224	27	32	127	34	248	174
STONE, CLAY, GLASS, AND CONCRETE PRODUCTS	1 106	290	1 061	286	34	2	5	2	-	-	13	23
GLASS AND GLASS PRODUCTS	377	226	377	222	-	2	-	2	-	-	7	18
CEMENT, CONCRETE, GYPSUM, AND PLASTER PRODUCTS	553	40	508	40	34	-	5	-	-	-	-	5
PRIMARY METAL INDUSTRIES	3 050	711	2 791	633	197	57	15	-	-	-	74	56
BLAST FURNACES, STEELWORKS, ROLLING AND FINISHING MILLS	306	57	289	46	10	11	7	-	-	-	-	-
IRON AND STEEL FOUNDRIES	579	117	489	117	83	-	2	-	-	-	21	7
PRIMARY NONFERROUS INDUSTRIES	2 165	537	2 013	470	104	46	6	-	-	-	53	49
FABRICATED METAL INDUSTRIES	7 656	3 019	7 188	2 734	290	251	59	9	60	21	164	85
CUTLERY, HANDTOOLS, AND OTHER HARDWARE	2 420	1 165	2 231	984	142	181	-	-	32	-	52	43
FABRICATED STRUCTURAL METAL PRODUCTS	1 172	231	1 141	220	8	11	6	-	9	-	11	-
METAL FORGINGS AND STAMPINGS	1 546	626	1 416	585	78	26	34	7	12	8	30	21
MACHINERY, EXCEPT ELECTRICAL	9 134	1 931	8 820	1 696	128	211	46	9	45	-	175	29
FARM MACHINERY AND EQUIPMENT	146	49	142	46	4	-	-	3	-	-	-	-
CONSTRUCTION AND MATERIAL HANDLING MACHINES	581	48	574	48	-	-	-	-	7	-	4	8
METALWORKING MACHINERY	3 361	499	3 294	479	-	20	12	-	21	-	61	-
OFFICE, ACCOUNTING, AND COMPUTING MACHINES	148	31	148	31	-	-	-	-	-	-	-	-
OTHER MACHINERY, EXCEPT ELECTRICAL	4 898	1 304	4 662	1 092	124	191	34	6	17	-	110	21
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	2 279	1 566	2 187	1 479	28	38	12	9	5	16	81	50
HOUSEHOLD APPLIANCES	895	438	874	410	9	13	7	7	-	2	9	14
RADIO, TV, AND COMMUNICATION EQUIPMENT	572	297	542	291	4	-	-	-	5	-	21	6
OTHER ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	812	831	771	778	15	25	5	2	-	14	51	30

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

TABLE 228. (B) INDUSTRY OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

GRAND RAPIDS, MI SMSA	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TRANSPORTATION EQUIPMENT	8 294	3 006	7 390	2 547	642	355	57	27	65	51	243	63
MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT	6 924	2 562	6 082	2 124	590	334	57	27	55	51	223	57
AIRCRAFT, SPACE VEHICLES, AND PARTS	856	347	821	326	31	21	-	-	4	-	7	6
SHIP AND BOAT BUILDING AND REPAIRING	496	97	469	97	21	-	-	-	6	-	13	-
OTHER TRANSPORTATION EQUIPMENT	18	-	18	-	-	-	-	-	-	-	-	-
PROFESSIONAL AND PHOTOGRAPHIC EQUIPMENT AND WATCHES	2 186	1 311	2 096	1 159	43	127	-	9	13	4	69	24
MISCELLANEOUS MANUFACTURING INDUSTRIES	1 260	436	1 149	380	57	40	13	7	31	5	41	4
NOT SPECIFIED MANUFACTURING INDUSTRIES	266	155	226	129	33	26	-	-	7	-	7	-
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	10 934	3 804	10 451	3 482	352	283	17	8	18	11	160	44
TRANSPORTATION	7 296	1 688	6 974	1 576	229	82	10	8	10	5	100	25
RAILROADS	1 294	25	1 155	25	88	-	8	-	-	-	49	-
BUS SERVICE AND URBAN TRANSIT	328	162	313	157	15	5	-	-	-	-	-	-
TAXICAB SERVICE	71	6	71	6	-	-	-	-	-	-	-	6
TRUCKING SERVICE AND WAREHOUSING	3 983	797	3 886	767	78	17	2	8	-	-	39	7
U.S. POSTAL SERVICE	1 181	394	1 142	340	26	37	-	-	-	5	12	12
WATER TRANSPORTATION	80	23	64	23	16	-	-	-	-	-	-	-
AIR TRANSPORTATION	255	75	239	59	6	16	-	-	10	-	-	-
OTHER TRANSPORTATION	104	206	104	199	-	7	-	-	-	-	-	-
COMMUNICATIONS	1 764	1 700	1 684	1 540	62	157	-	-	8	-	36	8
RADIO AND TELEVISION BROADCASTING	457	202	429	202	20	-	-	-	8	-	7	-
TELEPHONE (WIRE AND RADIO)	1 205	1 453	1 160	1 293	35	157	-	-	-	-	29	8
TELEGRAPH AND MISCELLANEOUS COMMUNICATION SERVICES	102	45	95	45	7	-	-	-	-	-	-	-
UTILITIES AND SANITARY SERVICES	1 874	416	1 793	366	61	44	7	-	-	6	24	11
ELECTRIC AND GAS UTILITIES	1 313	344	1 265	294	39	44	2	-	-	6	7	11
WATER SUPPLY, SANITARY SERVICES, AND OTHER UTILITIES	561	72	528	72	22	-	5	-	-	-	17	-
WHOLESALE TRADE	11 181	3 670	10 906	3 555	165	78	21	12	30	7	123	34
DURABLE GOODS	6 130	1 740	5 991	1 690	79	36	6	12	19	-	48	6
MOTOR VEHICLES AND EQUIPMENT	1 021	199	1 005	199	16	-	-	-	-	-	-	-
LUMBER AND CONSTRUCTION MATERIALS	652	120	646	120	-	-	6	-	-	-	-	-
ELECTRICAL GOODS	583	233	568	226	10	7	-	-	5	-	-	-
HARDWARE, PLUMBING AND HEATING SUPPLIES	631	218	623	218	-	-	-	-	-	-	8	-
MACHINERY, EQUIPMENT, AND SUPPLIES	2 000	603	1 971	582	29	14	-	7	-	-	-	-
OTHER WHOLESALE, DURABLE GOODS	1 243	367	1 178	345	24	15	-	5	14	-	40	6
NONDURABLE GOODS	5 051	1 930	4 915	1 865	86	42	15	-	11	7	75	28
DRUGS, CHEMICALS, AND ALLIED PRODUCTS	255	159	243	144	12	15	-	-	-	-	-	-
GROCERIES AND FARM PRODUCTS	2 919	1 110	2 833	1 066	53	27	9	-	-	7	70	22
PETROLEUM PRODUCTS	161	32	161	32	-	-	-	-	-	-	-	-
OTHER WHOLESALE, NONDURABLE GOODS	1 716	629	1 678	623	21	-	6	-	11	-	5	6
RETAIL TRADE	22 010	25 231	21 169	24 319	528	565	30	89	147	106	285	332
HARDWARE AND BUILDING MATERIAL RETAILING	1 389	475	1 362	475	14	-	-	-	13	-	-	-
GENERAL MERCHANDISE STORES	1 399	3 163	1 301	3 032	71	102	6	-	13	6	28	47
DEPARTMENT STORES	1 293	2 921	1 195	2 790	71	102	6	-	13	6	28	47
FOOD, BAKERY, AND DAIRY STORES	4 646	4 488	4 473	4 345	101	83	5	9	32	32	65	37
MOTOR VEHICLE DEALERS	2 308	349	2 246	334	43	-	2	-	5	7	33	8
AUTO AND HOME SUPPLY STORES	534	88	521	88	8	-	2	-	-	-	3	-
GASOLINE SERVICE STATIONS	1 123	298	1 088	286	33	12	2	-	-	-	-	-
MISCELLANEOUS VEHICLE DEALERS	210	21	210	21	-	-	-	-	-	-	-	-
APPAREL AND ACCESSORY STORES	829	2 089	794	1 998	15	65	-	-	20	-	-	34
FURNITURE, HOME FURNISHINGS, AND APPLIANCE STORES	1 676	911	1 668	899	8	2	-	5	-	-	9	5
EATING AND DRINKING PLACES	4 765	8 713	4 457	8 322	176	217	13	61	53	55	129	155
DRUG STORES	400	738	400	719	-	19	-	-	-	-	-	-
OTHER RETAIL TRADE	2 731	3 898	2 649	3 800	59	65	-	14	11	6	18	46
FINANCE, INSURANCE, AND REAL ESTATE	5 691	8 135	5 574	7 820	81	212	3	38	33	20	33	86
BANKING	1 056	2 926	1 029	2 789	12	101	3	7	12	-	14	29
CREDIT AGENCIES, OTHER THAN BANKS	358	856	351	821	-	18	-	-	7	11	-	6
SECURITY, COMMODITY BROKERAGE, AND INVESTMENT COMPANIES	247	200	247	193	-	-	-	7	-	-	-	-
INSURANCE	2 246	2 890	2 220	2 783	17	78	-	15	9	9	5	14
REAL ESTATE, INCLUDING REAL ESTATE-INSURANCE-LAW OFFICES	1 784	1 263	1 727	1 234	52	15	-	9	5	-	14	37
BUSINESS AND REPAIR SERVICES	6 031	3 140	5 755	2 969	194	94	26	22	8	28	104	62
ADVERTISING	339	288	339	272	-	12	-	-	-	-	-	4
SERVICES TO DWELLINGS AND OTHER BUILDINGS	553	360	479	294	71	46	-	16	-	-	-	22
COMMERCIAL RESEARCH, MANAGEMENT, AND DATA PROCESSING SERVICES	671	651	644	622	19	7	-	-	-	8	8	20
DETECTIVE AND PROTECTIVE SERVICES	450	97	418	90	10	7	17	-	-	-	13	-
OTHER BUSINESS SERVICES	858	1 321	818	1 277	25	18	9	6	-	20	10	11
AUTOMOTIVE REPAIR AND SERVICES	2 129	265	2 032	261	63	4	-	-	8	-	73	-
OTHER REPAIR SERVICES	1 031	158	1 025	153	6	-	-	-	-	-	-	5

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

TABLE 228. (B) INDUSTRY OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

GRAND RAPIDS, MI SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
PERSONAL SERVICES	1 711	4 553	1 599	4 197	87	308	-	-	5	48	33	31
PRIVATE HOUSEHOLDS	90	1 156	79	1 054	11	102	-	-	-	-	-	-
HOTELS AND LODGING PLACES	545	1 135	524	1 084	9	51	-	-	-	-	19	7
LAUNDRY, CLEANING, AND GARMENT SERVICES	447	637	402	520	45	101	-	-	-	16	-	-
BARBER AND BEAUTY SHOPS	351	1 280	325	1 212	16	47	-	-	5	21	5	24
OTHER PERSONAL SERVICES	278	345	269	327	6	7	-	-	-	11	9	-
ENTERTAINMENT AND RECREATION SERVICES	1 121	1 014	1 076	973	45	30	-	-	-	11	13	7
THEATERS AND MOTION PICTURES	341	288	332	282	9	-	-	-	-	6	-	7
OTHER ENTERTAINMENT AND RECREATION SERVICES	780	726	744	691	36	30	-	-	-	5	13	-
PROFESSIONAL AND RELATED SERVICES	18 041	35 950	16 984	33 627	778	1 854	27	78	137	157	258	484
HEALTH SERVICES	4 065	15 808	3 801	14 829	207	810	6	47	45	71	32	110
OFFICES OF HEALTH PRACTITIONERS	1 111	2 704	1 090	2 633	3	64	-	-	18	7	2	7
HOSPITALS	2 090	8 616	1 868	7 986	189	522	6	43	27	40	24	55
NURSING AND PERSONAL CARE FACILITIES	421	3 632	412	3 437	9	170	-	-	-	12	-	38
HEALTH SERVICES, N.E.C.	443	856	431	773	6	54	-	4	-	12	6	10
LEGAL SERVICES	821	773	804	757	4	16	-	-	6	-	7	-
EDUCATIONAL SERVICES	8 736	15 053	8 156	13 988	424	833	10	24	73	75	179	293
ELEMENTARY AND SECONDARY SCHOOLS	6 371	11 699	5 952	10 821	341	698	-	17	32	44	123	237
GOVERNMENT	4 978	8 848	4 592	8 127	308	572	-	17	32	44	86	184
COLLEGES AND UNIVERSITIES	2 143	2 560	1 996	2 406	83	102	6	7	31	31	56	49
GOVERNMENT	834	908	752	818	54	65	-	7	17	18	35	4
LIBRARIES	111	386	101	380	-	6	-	-	10	-	-	-
OTHER EDUCATIONAL SERVICES	111	408	107	381	-	27	4	-	-	-	-	7
SOCIAL SERVICES	568	1 850	500	1 648	48	159	6	-	-	6	14	59
CHILD DAY CARE SERVICES	42	576	35	472	-	72	-	-	-	6	7	34
RESIDENTIAL CARE FACILITIES, WITHOUT NURSING	146	414	139	391	7	18	-	-	-	-	-	5
OTHER SOCIAL SERVICES	380	860	326	785	41	69	6	-	-	-	7	20
MUSEUMS, ART GALLERIES, AND ZOOS	23	93	23	89	-	4	-	-	-	-	-	-
RELIGIOUS ORGANIZATIONS	1 549	956	1 474	954	60	-	5	2	6	-	8	2
ENGINEERING, ARCHITECTURAL, AND SURVEYING SERVICES	1 023	240	1 001	232	6	-	-	-	7	-	11	15
ACCOUNTING, AUDITING, AND BOOKKEEPING SERVICES	790	545	790	532	-	8	-	-	-	5	5	-
NONCOMMERCIAL EDUCATIONAL AND SCIENTIFIC RESEARCH	25	43	17	37	8	6	-	-	-	-	-	-
MISCELLANEOUS PROFESSIONAL AND RELATED SERVICES	441	589	418	561	21	18	-	5	-	-	2	5
PUBLIC ADMINISTRATION	4 645	3 228	4 244	2 778	282	350	27	14	26	28	94	117
EXECUTIVE AND LEGISLATIVE OFFICES	105	92	87	70	13	8	5	8	-	-	-	6
GENERAL GOVERNMENT, N.E.C.	946	1 054	858	905	65	104	-	-	8	21	26	36
LOCAL GOVERNMENT	650	800	582	711	51	81	-	-	8	-	20	16
JUSTICE, PUBLIC ORDER, AND SAFETY	2 039	639	1 850	593	119	46	22	-	11	-	52	14
LOCAL GOVERNMENT	1 529	488	1 421	451	62	37	22	-	4	-	34	7
PUBLIC FINANCE, TAXATION, AND MONETARY POLICY	252	150	252	150	-	-	-	-	-	-	-	-
ADMINISTRATION OF HUMAN RESOURCES PROGRAMS	577	901	534	711	37	156	-	6	-	7	6	37
ADMINISTRATION OF ENVIRONMENTAL QUALITY AND HOUSING PROGRAMS	251	82	225	62	26	20	-	-	-	-	-	-
ADMINISTRATION OF ECONOMIC PROGRAMS	354	242	322	219	17	16	-	-	7	-	10	16
NATIONAL SECURITY AND INTERNATIONAL AFFAIRS	121	68	116	68	5	-	-	-	-	-	-	8

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

TABLE 228. (B) INDUSTRY OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

KALAMAZOO-PORTAGE, MI SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
EMPLOYED PERSONS 16 YEARS AND OVER	69 781	54 428	65 688	50 443	3 182	3 354	245	210	284	263	828	473
AGRICULTURE, FORESTRY, AND FISHERIES	2 272	1 199	2 163	1 135	37	35	6	-	-	7	89	38
AGRICULTURAL PRODUCTION	1 998	980	1 889	939	37	15	6	-	-	7	84	35
AGRICULTURAL SERVICES, INCLUDING HORTICULTURAL	229	219	229	196	-	20	-	-	-	-	5	3
FORESTRY AND FISHERIES	45	-	45	-	-	-	-	-	-	-	-	-
MINING	36	6	36	6	-	-	-	-	-	-	-	-
METAL MINING	-	-	-	-	-	-	-	-	-	-	-	-
COAL MINING	-	-	-	-	-	-	-	-	-	-	-	-
CRUDE PETROLEUM AND NATURAL GAS EXTRACTION	21	6	21	6	-	-	-	-	-	-	-	-
NONMETALLIC MINING AND QUARRYING, EXCEPT FUEL	15	-	15	-	-	-	-	-	-	-	-	-
CONSTRUCTION	4 928	330	4 730	325	164	5	7	-	-	-	42	2
MANUFACTURING	25 487	9 885	23 798	8 977	1 326	820	83	34	95	29	345	85
NONDURABLE GOODS	12 041	6 147	11 381	5 659	442	448	60	13	63	21	178	46
MEAT PRODUCTS	204	142	184	120	9	22	-	-	-	-	11	-
DAIRY PRODUCTS	102	8	102	8	-	-	-	-	-	-	-	-
CANNED AND PRESERVED FRUITS AND VEGETABLES	446	325	401	306	6	10	9	-	-	3	32	10
BAKERY PRODUCTS	123	69	123	69	-	-	-	-	-	-	-	-
BEVERAGE INDUSTRIES	151	47	149	47	2	-	-	-	-	-	-	-
OTHER FOOD INDUSTRIES	323	158	304	145	19	6	-	-	-	7	8	-
TOBACCO MANUFACTURES	9	-	9	-	-	-	-	-	-	-	-	-
KNITTING MILLS	-	-	-	-	-	-	-	-	-	-	-	-
YARN, THREAD, AND FABRIC MILLS	2	17	2	10	-	7	-	-	-	-	-	-
OTHER TEXTILE MILL PRODUCTS	6	15	6	15	-	-	-	-	-	-	-	-
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	53	60	40	60	13	-	-	-	-	-	-	-
PAPER AND ALLIED PRODUCTS	4 148	1 181	3 886	1 100	202	78	26	3	8	-	62	7
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	1 128	740	1 091	723	18	17	6	-	7	-	18	-
NEWSPAPER PUBLISHING AND PRINTING	325	248	314	248	5	-	6	-	-	-	6	-
CHEMICALS AND ALLIED PRODUCTS	4 461	2 649	4 242	2 377	154	266	9	-	48	6	33	19
PLASTICS, SYNTHETICS, AND RESINS	91	179	89	174	-	5	2	-	-	-	-	-
DRUGS	3 721	2 292	3 540	2 036	120	250	7	-	48	6	29	19
PETROLEUM AND COAL PRODUCTS	15	13	15	13	-	-	-	-	-	-	-	-
PETROLEUM REFINING	13	5	13	5	-	-	-	-	-	-	-	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS	862	710	819	653	19	42	10	10	-	5	14	10
FOOTWEAR, EXCEPT RUBBER AND PLASTIC	2	-	2	-	-	-	-	-	-	-	-	-
LEATHER AND LEATHER PRODUCTS, EXCEPT FOOTWEAR	6	13	6	13	-	-	-	-	-	-	-	-
DURABLE GOODS	13 347	3 690	12 320	3 270	884	372	23	21	32	8	165	39
LOGGING	38	7	36	7	2	-	-	-	-	-	-	-
SAWMILLS, PLANING MILLS, AND MILLWORK	129	91	129	84	-	7	-	-	-	-	-	3
WOOD BUILDINGS, MOBILE HOMES, AND MISCELLANEOUS WOOD PRODUCTS	72	21	68	21	4	-	-	-	-	-	-	-
FURNITURE AND FIXTURES	391	85	372	76	12	9	2	-	-	-	7	-
STONE, CLAY, GLASS, AND CONCRETE PRODUCTS	197	36	188	30	9	5	-	1	-	-	-	-
GLASS AND GLASS PRODUCTS	13	-	13	-	-	-	-	-	-	-	-	-
CEMENT, CONCRETE, GYPSUM, AND PLASTER PRODUCTS	133	10	124	10	9	-	-	-	-	-	-	-
PRIMARY METAL INDUSTRIES	887	264	773	230	101	32	2	-	-	-	13	2
BLAST FURNACES, STEELWORKS, ROLLING AND FINISHING MILLS	100	9	93	9	5	-	2	-	-	-	-	-
IRON AND STEEL FOUNDRIES	209	29	165	29	44	-	-	-	-	-	-	-
PRIMARY NONFERROUS INDUSTRIES	578	226	515	192	52	32	-	-	-	-	13	2
FABRICATED METAL INDUSTRIES	1 526	368	1 442	350	79	16	3	-	2	-	15	2
CUTLERY, HANDTOOLS, AND OTHER HARDWARE	100	77	100	77	-	-	-	-	-	-	7	-
FABRICATED STRUCTURAL METAL PRODUCTS	265	19	248	19	14	-	3	-	-	-	3	-
METAL FORGINGS AND STAMPINGS	727	95	694	79	33	16	-	-	-	-	5	-
MACHINERY, EXCEPT ELECTRICAL	3 661	626	3 509	597	120	23	3	6	16	-	11	-
FARM MACHINERY AND EQUIPMENT	98	14	98	14	-	-	-	-	-	-	-	-
CONSTRUCTION AND MATERIAL HANDLING MACHINES	427	50	416	50	11	-	-	-	-	-	-	-
METALWORKING MACHINERY	771	88	712	83	48	1	-	4	-	-	9	-
OFFICE, ACCOUNTING, AND COMPUTING MACHINES	111	11	89	11	22	-	-	-	-	-	-	-
OTHER MACHINERY, EXCEPT ELECTRICAL	2 254	463	2 194	439	39	22	3	2	16	-	2	-
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	339	322	318	282	21	38	-	-	-	-	3	6
HOUSEHOLD APPLIANCES	164	72	152	54	12	18	-	-	-	-	-	-
RADIO, TV, AND COMMUNICATION EQUIPMENT	53	27	46	22	7	5	-	-	-	-	-	-
OTHER ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	122	223	120	206	2	15	-	-	-	-	3	6

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

TABLE 228. (B) INDUSTRY OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

KALAMAZOO-PORTAGE, MI SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TRANSPORTATION EQUIPMENT	5 273	1 235	4 722	1 007	493	204	6	8	2	8	107	14
MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT	4 620	1 026	4 095	849	467	161	6	-	2	8	107	14
AIRCRAFT, SPACE VEHICLES, AND PARTS	644	192	618	150	26	34	-	8	-	-	-	-
SHIP AND BOAT BUILDING AND REPAIRING	5	-	5	-	-	-	-	-	-	-	-	-
OTHER TRANSPORTATION EQUIPMENT	4	17	4	8	-	9	-	-	-	-	-	-
PROFESSIONAL AND PHOTOGRAPHIC EQUIPMENT AND WATCHES	296	318	272	289	10	18	7	6	7	-	-	5
MISCELLANEOUS MANUFACTURING INDUSTRIES	538	317	491	297	33	20	-	-	5	-	9	7
NOT SPECIFIED MANUFACTURING INDUSTRIES	99	48	97	48	-	-	-	-	-	-	2	-
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	4 255	1 609	3 990	1 448	223	141	29	9	8	5	46	14
TRANSPORTATION	2 648	731	2 504	663	128	55	11	7	-	-	20	8
RAILROADS	255	-	242	-	10	-	-	-	-	-	3	-
BUS SERVICE AND URBAN TRANSIT	137	69	109	34	28	35	-	-	-	-	-	-
TAXICAB SERVICE	34	-	27	-	5	-	2	-	-	-	-	-
TRUCKING SERVICE AND WAREHOUSING	1 398	194	1 354	184	35	10	9	-	-	-	8	-
U.S. POSTAL SERVICE	628	353	584	336	42	10	-	7	-	-	9	-
WATER TRANSPORTATION	29	6	29	6	-	-	-	-	-	-	-	-
AIR TRANSPORTATION	157	38	154	32	3	-	-	-	-	-	-	-
OTHER TRANSPORTATION	10	71	5	71	5	-	-	-	-	-	-	8
COMMUNICATIONS	739	628	684	552	55	69	-	2	-	5	14	6
RADIO AND TELEVISION BROADCASTING	176	81	155	74	21	7	-	-	-	-	6	-
TELEPHONE (WIRE AND RADIO)	540	542	506	473	34	62	-	2	-	5	8	6
TELEGRAPH AND MISCELLANEOUS COMMUNICATION SERVICES	23	5	23	5	-	-	-	-	-	-	-	-
UTILITIES AND SANITARY SERVICES	868	250	802	233	40	17	18	-	8	-	12	-
ELECTRIC AND GAS UTILITIES	648	214	604	197	30	17	12	-	2	-	12	-
WATER SUPPLY, SANITARY SERVICES, AND OTHER UTILITIES	220	36	198	36	10	-	6	-	6	-	-	-
WHOLESALE TRADE	3 299	952	3 195	921	85	23	15	-	-	6	37	7
DURABLE GOODS	1 902	513	1 840	506	59	7	3	-	-	-	25	-
MOTOR VEHICLES AND EQUIPMENT	230	42	230	42	-	-	-	-	-	-	3	-
LUMBER AND CONSTRUCTION MATERIALS	116	49	116	49	-	-	-	-	-	-	2	-
ELECTRICAL GOODS	135	78	127	78	8	-	-	-	-	-	-	-
HARDWARE, PLUMBING AND HEATING SUPPLIES	297	73	297	73	-	-	-	-	-	-	-	-
MACHINERY, EQUIPMENT, AND SUPPLIES	848	231	821	224	26	7	1	-	-	-	8	-
OTHER WHOLESALE, DURABLE GOODS	276	40	249	40	25	-	2	-	-	-	12	-
NONDURABLE GOODS	1 397	439	1 355	415	26	16	12	-	-	6	12	7
DRUGS, CHEMICALS, AND ALLIED PRODUCTS	92	80	84	74	-	-	8	-	-	6	-	-
GROCERIES AND FARM PRODUCTS	722	82	699	80	17	-	2	-	-	-	12	7
PETROLEUM PRODUCTS	94	24	94	24	-	-	-	-	-	-	-	-
OTHER WHOLESALE, NONDURABLE GOODS	489	253	478	237	9	16	2	-	-	-	-	-
RETAIL TRADE	9 387	11 012	8 957	10 639	329	292	42	26	9	38	98	110
HARDWARE AND BUILDING MATERIAL RETAILING	562	171	533	171	-	-	15	-	-	-	14	-
GENERAL MERCHANDISE STORES	783	1 608	711	1 516	72	92	-	-	-	-	-	17
DEPARTMENT STORES	695	1 406	623	1 314	72	92	-	-	-	-	-	9
FOOD, BAKERY, AND DAIRY STORES	1 393	1 322	1 313	1 271	73	39	5	-	-	6	15	6
MOTOR VEHICLE DEALERS	1 000	209	969	209	31	-	-	-	-	-	5	-
AUTO AND HOME SUPPLY STORES	253	49	244	49	3	-	6	-	-	-	-	-
GASOLINE SERVICE STATIONS	473	104	459	104	10	-	1	-	-	-	8	5
MISCELLANEOUS VEHICLE DEALERS	132	24	132	24	-	-	-	-	-	-	-	-
APPAREL AND ACCESSORY STORES	397	949	369	912	16	28	6	6	-	3	6	10
FURNITURE, HOME FURNISHINGS, AND APPLIANCE STORES	741	468	718	468	23	-	-	-	-	-	-	-
EATING AND DRINKING PLACES	2 389	4 196	2 277	4 040	71	99	7	20	9	29	44	65
DRUG STORES	162	338	162	338	-	-	-	-	-	-	-	-
OTHER RETAIL TRADE	1 102	1 574	1 070	1 537	30	34	2	-	-	-	6	7
FINANCE, INSURANCE, AND REAL ESTATE	2 537	3 081	2 480	2 921	45	151	-	-	12	9	2	-
BANKING	640	1 334	636	1 241	4	84	-	-	-	9	-	-
CREDIT AGENCIES, OTHER THAN BANKS	131	277	131	265	-	12	-	-	-	-	-	-
SECURITY, COMMODITY BROKERAGE, AND INVESTMENT COMPANIES	110	65	110	65	-	-	-	-	-	-	-	-
INSURANCE	677	672	666	666	11	6	-	-	-	-	-	-
REAL ESTATE, INCLUDING REAL ESTATE-INSURANCE-LAW OFFICES	979	733	937	684	30	49	-	-	12	-	2	-
BUSINESS AND REPAIR SERVICES	2 796	1 345	2 673	1 302	102	35	7	2	6	-	23	6
ADVERTISING	150	98	146	98	4	-	-	-	-	-	-	-
SERVICES TO DWELLINGS AND OTHER BUILDINGS	248	121	237	108	5	11	-	2	6	-	-	-
COMMERCIAL RESEARCH, MANAGEMENT, AND DATA PROCESSING SERVICES	483	412	465	410	13	2	5	-	-	-	-	-
DETECTIVE AND PROTECTIVE SERVICES	187	65	147	65	34	-	-	-	-	-	6	-
OTHER BUSINESS SERVICES	395	497	395	476	-	15	-	-	-	-	-	6
AUTOMOTIVE REPAIR AND SERVICES	878	104	845	97	31	7	2	-	-	-	8	-
OTHER REPAIR SERVICES	455	48	438	48	15	-	-	-	-	-	9	-

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

TABLE 228. (B) INDUSTRY OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

KALAMAZOO-PORTAGE, MI SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
PERSONAL SERVICES	1 021	2 576	969	2 352	52	203	-	12	-	9	13	19
PRIVATE HOUSEHOLDS	47	704	47	621	-	83	-	-	-	-	-	13
HOTELS AND LODGING PLACES	379	663	358	606	21	57	-	-	-	-	13	-
LAUNDRY, CLEANING, AND GARMENT SERVICES	292	473	272	408	20	50	-	6	-	9	-	6
BARBER AND BEAUTY SHOPS	159	516	148	497	11	13	-	6	-	-	-	-
OTHER PERSONAL SERVICES	144	220	144	220	-	-	-	-	-	-	-	-
ENTERTAINMENT AND RECREATION SERVICES	581	535	580	523	-	5	-	7	1	-	4	-
THEATERS AND MOTION PICTURES	146	159	146	154	-	5	-	-	-	-	4	-
OTHER ENTERTAINMENT AND RECREATION SERVICES	435	376	434	369	-	-	-	7	1	-	-	-
PROFESSIONAL AND RELATED SERVICES	10 968	20 240	10 108	18 437	652	1 463	31	109	153	151	114	183
HEALTH SERVICES	2 819	8 500	2 587	7 706	177	632	7	41	40	81	50	113
OFFICES OF HEALTH PRACTITIONERS	502	1 253	470	1 231	7	17	-	-	25	5	9	-
HOSPITALS	1 895	5 249	1 729	4 727	136	418	7	23	15	55	24	84
NURSING AND PERSONAL CARE FACILITIES	206	1 474	183	1 268	23	167	-	10	-	15	-	29
HEALTH SERVICES, N.E.C.	216	524	205	480	11	30	-	8	-	6	17	-
LEGAL SERVICES	430	366	418	355	12	4	-	-	-	7	-	-
EDUCATIONAL SERVICES	5 990	9 264	5 452	8 429	389	692	24	68	109	57	54	49
ELEMENTARY AND SECONDARY SCHOOLS	2 972	5 578	2 747	5 120	196	381	15	43	14	32	19	26
GOVERNMENT	2 539	4 738	2 335	4 344	177	327	13	40	14	27	19	11
COLLEGES AND UNIVERSITIES	2 914	3 250	2 614	2 920	185	285	9	17	95	20	35	15
GOVERNMENT	2 394	2 195	2 157	2 002	142	154	7	17	77	14	26	13
LIBRARIES	51	239	38	214	8	9	-	8	-	-	-	8
OTHER EDUCATIONAL SERVICES	53	197	53	175	-	17	-	-	-	5	-	-
SOCIAL SERVICES	360	1 005	314	871	46	111	-	-	-	6	-	21
CHILD DAY CARE SERVICES	18	379	12	343	6	31	-	-	-	-	-	9
RESIDENTIAL CARE FACILITIES, WITHOUT NURSING	86	179	75	168	11	11	-	-	-	-	-	-
OTHER SOCIAL SERVICES	256	447	227	360	29	69	-	-	-	6	-	12
MUSEUMS, ART GALLERIES, AND ZOOS	36	19	36	19	-	-	-	-	-	-	-	-
RELIGIOUS ORGANIZATIONS	507	362	501	356	6	6	-	-	-	-	-	-
ENGINEERING, ARCHITECTURAL, AND SURVEYING SERVICES	322	79	316	79	2	-	-	-	4	-	-	-
ACCOUNTING, AUDITING, AND BOOKKEEPING SERVICES	225	256	225	244	-	7	-	-	-	-	-	-
NONCOMMERCIAL EDUCATIONAL AND SCIENTIFIC RESEARCH	12	22	12	22	-	-	-	-	-	-	-	-
MISCELLANEOUS PROFESSIONAL AND RELATED SERVICES	267	367	247	356	20	11	-	-	-	-	10	-
PUBLIC ADMINISTRATION	2 214	1 658	2 009	1 457	167	181	25	11	-	9	15	9
EXECUTIVE AND LEGISLATIVE OFFICES	40	102	40	81	-	11	-	2	-	8	-	-
GENERAL GOVERNMENT, N.E.C.	550	420	457	372	70	38	20	9	-	1	9	2
LOCAL GOVERNMENT	378	290	324	256	43	27	8	6	-	1	-	2
JUSTICE, PUBLIC ORDER, AND SAFETY	961	448	901	394	52	54	5	-	-	-	6	5
LOCAL GOVERNMENT	796	406	744	354	47	52	5	-	-	-	3	5
PUBLIC FINANCE, TAXATION, AND MONETARY POLICY	63	68	63	68	-	-	-	-	-	-	-	-
ADMINISTRATION OF HUMAN RESOURCES PROGRAMS	218	445	200	381	18	64	-	-	-	-	-	2
ADMINISTRATION OF ENVIRONMENTAL QUALITY AND HOUSING PROGRAMS	82	39	82	39	-	-	-	-	-	-	-	-
ADMINISTRATION OF ECONOMIC PROGRAMS	180	94	153	84	27	10	-	-	-	-	-	-
NATIONAL SECURITY AND INTERNATIONAL AFFAIRS	120	42	113	38	-	4	-	-	-	-	-	-

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

TABLE 228. (B) INDUSTRY OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

LANSING-EAST LANSING, MI SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
EMPLOYED PERSONS 16 YEARS AND OVER	117 383	92 407	110 171	86 087	4 568	4 376	522	351	828	649	2 535	1 920
AGRICULTURE, FORESTRY, AND FISHERIES	4 003	899	3 933	890	14	9	7	-	2	-	47	-
AGRICULTURAL PRODUCTION	3 620	587	3 559	587	5	-	7	-	2	-	47	-
AGRICULTURAL SERVICES, INCLUDING HORTICULTURAL	323	287	314	278	9	9	-	-	-	-	-	-
FORESTRY AND FISHERIES	60	25	60	25	-	-	-	-	-	-	-	-
MINING	256	54	250	52	2	-	4	2	-	-	-	-
METAL MINING	-	6	-	6	-	-	-	-	-	-	-	-
COAL MINING	-	-	-	-	-	-	-	-	-	-	-	-
CRUDE PETROLEUM AND NATURAL GAS EXTRACTION	174	46	168	44	2	-	4	2	-	-	-	-
NONMETALLIC MINING AND QUARRYING, EXCEPT FUEL	82	2	82	2	-	-	-	-	-	-	-	-
CONSTRUCTION	7 707	819	7 402	787	150	13	15	9	4	-	221	17
MANUFACTURING	35 486	9 110	32 937	8 238	1 735	720	186	36	118	14	1 081	256
NONDURABLE GOODS	4 459	2 585	4 298	2 504	89	61	17	6	25	3	91	58
MEAT PRODUCTS	82	35	80	35	-	-	-	-	-	-	2	-
DAIRY PRODUCTS	359	103	350	77	9	24	-	2	-	-	6	-
CANNED AND PRESERVED FRUITS AND VEGETABLES	101	83	101	83	-	-	-	-	-	-	5	9
BAKERY PRODUCTS	267	55	252	51	10	-	-	-	-	-	19	4
BEVERAGE INDUSTRIES	91	2	84	2	-	-	7	-	-	-	7	-
OTHER FOOD INDUSTRIES	357	159	342	159	13	-	2	-	-	-	-	14
TOBACCO MANUFACTURES	-	-	-	-	-	-	-	-	-	-	-	-
KNITTING MILLS	6	-	6	-	-	-	-	-	-	-	-	-
YARN, THREAD, AND FABRIC MILLS	25	8	25	8	-	-	-	-	-	-	-	-
OTHER TEXTILE MILL PRODUCTS	-	5	-	5	-	-	-	-	-	-	-	-
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	89	167	89	167	-	-	-	-	-	-	7	10
PAPER AND ALLIED PRODUCTS	203	126	199	119	4	6	-	1	-	-	-	-
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	1 457	1 147	1 412	1 115	32	23	-	2	-	-	26	21
NEWSPAPER PUBLISHING AND PRINTING	630	516	607	494	14	16	-	-	-	-	22	20
CHEMICALS AND ALLIED PRODUCTS	555	278	502	266	18	8	8	1	20	3	14	-
PLASTICS, SYNTHETICS, AND RESINS	139	99	125	98	5	-	-	1	9	-	-	-
DRUGS	43	16	43	8	-	8	-	-	-	-	2	-
PETROLEUM AND COAL PRODUCTS	45	5	45	5	-	-	-	-	-	-	-	-
PETROLEUM REFINING	43	5	43	5	-	-	-	-	-	-	-	-
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS	800	396	789	396	3	-	-	-	5	-	5	-
FOOTWEAR, EXCEPT RUBBER AND PLASTIC	14	16	14	16	-	-	-	-	-	-	-	-
LEATHER AND LEATHER PRODUCTS, EXCEPT FOOTWEAR	8	-	8	-	-	-	-	-	-	-	-	-
DURABLE GOODS	30 877	6 481	28 494	5 690	1 641	659	169	30	93	11	988	198
LOGGING	41	3	41	3	-	-	-	-	-	-	2	-
SAWMILLS, PLANING MILLS, AND MILLWORK	245	19	233	15	3	4	7	-	2	-	-	-
WOOD BUILDINGS, MOBILE HOMES, AND MISCELLANEOUS WOOD PRODUCTS	79	20	76	14	3	-	-	6	-	-	-	-
FURNITURE AND FIXTURES	358	140	349	140	4	-	5	-	-	-	-	3
STONE, CLAY, GLASS, AND CONCRETE PRODUCTS	641	287	628	277	7	10	-	-	4	-	7	5
GLASS AND GLASS PRODUCTS	367	260	358	250	7	10	-	-	-	-	7	5
CEMENT, CONCRETE, GYPSUM, AND PLASTER PRODUCTS	179	18	179	18	-	-	-	-	-	-	-	-
PRIMARY METAL INDUSTRIES	844	348	808	333	12	5	12	-	5	2	13	23
BLAST FURNACES, STEELWORKS, ROLLING AND FINISHING MILLS	101	13	96	13	5	-	-	-	-	-	-	-
IRON AND STEEL FOUNDRIES	136	20	117	20	7	-	12	-	-	-	-	6
PRIMARY NONFERROUS INDUSTRIES	607	315	595	300	-	5	-	-	5	2	13	17
FABRICATED METAL INDUSTRIES	2 426	654	2 302	654	85	-	6	-	-	-	68	2
CUTLERY, HANDTOOLS, AND OTHER HARDWARE	141	69	141	69	-	-	-	-	-	-	-	-
FABRICATED STRUCTURAL METAL PRODUCTS	534	200	518	200	-	-	6	-	-	-	17	2
METAL FORGINGS AND STAMPINGS	1 251	134	1 164	134	73	-	-	-	-	-	37	-
MACHINERY, EXCEPT ELECTRICAL	3 909	1 023	3 820	1 003	36	3	9	-	22	7	37	20
FARM MACHINERY AND EQUIPMENT	92	38	86	38	6	-	-	-	-	-	-	-
CONSTRUCTION AND MATERIAL HANDLING MACHINES	438	25	438	25	-	-	-	-	-	-	2	-
METALWORKING MACHINERY	1 361	184	1 309	177	18	-	9	-	9	7	25	-
OFFICE, ACCOUNTING, AND COMPUTING MACHINES	160	32	160	32	-	-	-	-	-	-	-	-
OTHER MACHINERY, EXCEPT ELECTRICAL	1 858	744	1 827	731	12	3	-	-	13	-	10	20
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	536	305	525	287	-	11	-	2	9	-	2	7
HOUSEHOLD APPLIANCES	212	172	212	170	-	-	-	2	-	-	-	2
RADIO, TV, AND COMMUNICATION EQUIPMENT	87	12	85	1	-	6	-	-	-	-	2	5
OTHER ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	237	121	228	116	-	5	-	-	9	-	-	-

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

TABLE 228. (B) INDUSTRY OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

LANSING-EAST LANSING, MI SMSA	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TRANSPORTATION EQUIPMENT	21 568	3 559	19 500	2 843	1 473	624	130	22	51	2	859	131
MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT	21 428	3 506	19 366	2 793	1 473	621	130	22	51	2	853	131
AIRCRAFT, SPACE VEHICLES, AND PARTS	67	24	67	21	-	3	-	-	-	-	-	-
SHIP AND BOAT BUILDING AND REPAIRING	27	26	27	26	-	-	-	-	-	-	-	-
OTHER TRANSPORTATION EQUIPMENT	46	3	40	3	-	-	-	-	-	-	6	-
PROFESSIONAL AND PHOTOGRAPHIC EQUIPMENT AND WATCHES	84	64	84	64	-	-	-	-	-	-	-	-
MISCELLANEOUS MANUFACTURING INDUSTRIES	146	59	128	57	18	2	-	-	-	-	-	7
NOT SPECIFIED MANUFACTURING INDUSTRIES	150	44	145	44	5	-	-	-	-	-	2	-
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	6 460	2 775	6 059	2 523	346	220	31	5	17	7	41	50
TRANSPORTATION	3 643	1 225	3 391	1 126	211	76	20	-	14	7	34	26
RAILROADS	336	7	329	7	4	-	-	-	-	-	3	-
BUS SERVICE AND URBAN TRANSIT	277	186	235	180	42	6	-	-	-	-	-	-
TAXICAB SERVICE	65	4	65	4	-	-	-	-	-	-	-	-
TRUCKING SERVICE AND WAREHOUSING	1 844	333	1 711	287	109	46	20	-	-	-	31	3
U.S. POSTAL SERVICE	839	430	786	396	51	24	-	-	2	-	-	10
WATER TRANSPORTATION	7	3	7	3	-	-	-	-	-	-	-	-
AIR TRANSPORTATION	229	61	217	55	5	-	-	-	7	-	-	6
OTHER TRANSPORTATION	46	201	41	194	-	-	-	-	5	7	-	7
COMMUNICATIONS	1 078	1 174	1 013	1 068	61	99	4	5	-	-	7	20
RADIO AND TELEVISION BROADCASTING	278	157	270	149	8	8	-	-	-	-	-	7
TELEPHONE (WIRE AND RADIO)	724	994	667	896	53	91	4	5	-	-	7	13
TELEGRAPH AND MISCELLANEOUS COMMUNICATION SERVICES	76	23	76	23	-	-	-	-	-	-	-	-
UTILITIES AND SANITARY SERVICES	1 739	376	1 655	329	74	45	7	-	3	-	-	4
ELECTRIC AND GAS UTILITIES	1 139	313	1 094	272	45	39	-	-	-	-	-	4
WATER SUPPLY, SANITARY SERVICES, AND OTHER UTILITIES	600	63	561	57	29	6	7	-	3	-	-	-
WHOLESALE TRADE	5 091	1 626	4 936	1 564	64	56	18	-	18	-	92	30
DURABLE GOODS	2 951	955	2 842	898	52	51	18	-	-	-	63	26
MOTOR VEHICLES AND EQUIPMENT	619	182	583	174	18	8	18	-	-	-	10	9
LUMBER AND CONSTRUCTION MATERIALS	166	49	166	49	-	-	-	-	-	-	-	-
ELECTRICAL GOODS	165	74	146	74	4	-	-	-	-	-	15	-
HARDWARE, PLUMBING AND HEATING SUPPLIES	387	83	368	83	16	-	-	-	-	-	3	-
MACHINERY, EQUIPMENT, AND SUPPLIES	1 213	473	1 187	424	14	43	-	-	-	-	18	17
OTHER WHOLESALE, DURABLE GOODS	401	94	392	94	-	-	-	-	-	-	17	-
NONDURABLE GOODS	2 140	671	2 094	666	12	5	-	-	18	-	29	4
DRUGS, CHEMICALS, AND ALLIED PRODUCTS	108	34	108	34	-	-	-	-	-	-	-	-
GROCERIES AND FARM PRODUCTS	1 090	258	1 064	258	3	-	-	-	7	-	24	2
PETROLEUM PRODUCTS	130	27	130	27	-	-	-	-	-	-	-	-
OTHER WHOLESALE, NONDURABLE GOODS	812	352	792	347	9	5	-	-	11	-	5	2
RETAIL TRADE	15 859	17 427	15 025	16 710	465	347	83	61	119	159	277	353
HARDWARE AND BUILDING MATERIAL RETAILING	656	270	656	263	-	7	-	-	-	-	-	-
GENERAL MERCHANDISE STORES	1 549	2 958	1 440	2 763	55	114	9	9	23	16	34	93
DEPARTMENT STORES	1 418	2 689	1 309	2 505	55	103	9	9	23	16	34	74
FOOD, BAKERY, AND DAIRY STORES	2 621	2 234	2 437	2 152	120	34	6	8	14	30	91	29
MOTOR VEHICLE DEALERS	1 628	275	1 571	275	20	-	7	-	4	-	11	-
AUTO AND HOME SUPPLY STORES	399	95	382	95	17	-	-	-	-	-	-	-
GASOLINE SERVICE STATIONS	875	193	847	193	-	-	5	-	2	-	23	5
MISCELLANEOUS VEHICLE DEALERS	70	37	60	37	-	-	2	-	-	-	-	-
APPAREL AND ACCESSORY STORES	477	1 317	433	1 272	17	23	-	-	21	16	15	29
FURNITURE, HOME FURNISHINGS, AND APPLIANCE STORES	1 062	650	1 045	637	13	-	-	6	-	-	4	7
EATING AND DRINKING PLACES	4 393	6 426	4 121	6 133	166	135	30	32	53	73	54	141
DRUG STORES	194	517	180	503	6	14	8	-	-	-	-	8
OTHER RETAIL TRADE	1 935	2 455	1 853	2 387	51	20	16	6	2	24	45	41
FINANCE, INSURANCE, AND REAL ESTATE	4 636	6 966	4 441	6 555	133	278	28	7	15	36	65	138
BANKING	988	2 315	936	2 158	38	101	7	2	-	9	7	47
CREDIT AGENCIES, OTHER THAN BANKS	232	696	232	672	-	14	-	-	-	5	-	8
SECURITY, COMMODITY BROKERAGE, AND INVESTMENT COMPANIES	201	101	201	95	-	-	-	-	-	6	9	-
INSURANCE	1 781	2 549	1 711	2 409	51	96	-	5	7	10	23	52
REAL ESTATE, INCLUDING REAL ESTATE-INSURANCE-LAW OFFICES	1 434	1 305	1 361	1 221	44	67	21	-	8	6	26	31
BUSINESS AND REPAIR SERVICES	3 940	2 300	3 749	2 145	89	92	45	16	15	6	69	75
ADVERTISING	222	154	208	149	-	-	-	5	-	-	6	-
SERVICES TO DWELLINGS AND OTHER BUILDINGS	430	202	390	162	28	28	2	5	-	-	12	21
COMMERCIAL RESEARCH, MANAGEMENT, AND DATA PROCESSING SERVICES	551	511	540	488	4	6	4	6	3	-	7	9
DETECTIVE AND PROTECTIVE SERVICES	185	49	163	49	2	-	20	-	-	-	-	-
OTHER BUSINESS SERVICES	617	1 071	576	984	28	58	-	-	6	6	2	45
AUTOMOTIVE REPAIR AND SERVICES	1 207	184	1 170	184	23	-	-	-	6	-	33	-
OTHER REPAIR SERVICES	728	129	702	129	4	-	19	-	-	-	9	-

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

TABLE 228. (B) INDUSTRY OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

LANSING-EAST LANSING, MI SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
PERSONAL SERVICES	1 181	3 908	1 082	3 657	82	128	-	17	-	27	32	170
PRIVATE HOUSEHOLDS	90	1 057	84	999	6	28	-	3	-	-	-	41
HOTELS AND LODGING PLACES	462	1 174	414	1 103	37	55	-	14	-	-	26	54
LAUNDRY, CLEANING, AND GARMENT SERVICES	266	472	239	433	21	-	-	-	-	11	6	33
BARBER AND BEAUTY SHOPS	214	980	203	903	11	39	-	-	-	16	-	42
OTHER PERSONAL SERVICES	149	225	142	219	7	6	-	-	-	-	-	-
ENTERTAINMENT AND RECREATION SERVICES	784	561	753	531	21	9	-	-	5	3	10	20
THEATERS AND MOTION PICTURES	286	170	276	165	5	5	-	-	-	-	8	-
OTHER ENTERTAINMENT AND RECREATION SERVICES	498	391	477	366	16	4	-	-	5	3	2	20
PROFESSIONAL AND RELATED SERVICES	20 862	35 079	19 425	32 577	791	1 745	58	114	431	331	377	626
HEALTH SERVICES	3 105	10 305	2 911	9 728	79	348	17	57	76	111	57	186
OFFICES OF HEALTH PRACTITIONERS	806	1 822	761	1 775	5	18	2	-	33	29	28	30
HOSPITALS	1 610	5 944	1 485	5 581	56	204	15	45	43	70	23	124
NURSING AND PERSONAL CARE FACILITIES	225	1 532	211	1 431	8	78	-	5	-	6	6	27
HEALTH SERVICES, N.E.C.	464	1 007	454	941	10	48	-	7	-	6	-	5
LEGAL SERVICES	637	662	637	658	-	2	-	-	-	-	-	2
EDUCATIONAL SERVICES	13 853	19 478	12 775	17 938	599	1 115	41	45	322	196	281	344
ELEMENTARY AND SECONDARY SCHOOLS	4 258	9 839	4 027	9 166	174	503	21	32	13	40	45	178
GOVERNMENT	3 753	8 430	3 538	7 804	158	463	21	32	13	40	40	165
COLLEGES AND UNIVERSITIES	9 458	9 129	8 624	8 290	418	593	20	13	309	151	230	153
GOVERNMENT	7 886	6 952	7 227	6 339	316	436	20	6	256	121	176	117
LIBRARIES	59	304	59	285	-	19	-	-	-	-	-	9
OTHER EDUCATIONAL SERVICES	78	206	65	197	7	-	-	-	-	5	6	4
SOCIAL SERVICES	1 055	2 571	976	2 289	61	218	-	4	10	6	16	73
CHILD DAY CARE SERVICES	59	441	52	411	7	17	-	-	-	-	-	13
RESIDENTIAL CARE FACILITIES, WITHOUT NURSING	100	299	99	283	-	6	-	2	-	-	1	6
OTHER SOCIAL SERVICES	896	1 831	825	1 595	54	195	-	2	10	6	15	54
MUSEUMS, ART GALLERIES, AND ZOOS	43	63	37	47	6	16	-	-	-	-	-	-
RELIGIOUS ORGANIZATIONS	688	608	671	604	17	4	-	-	-	-	8	-
ENGINEERING, ARCHITECTURAL, AND SURVEYING SERVICES	614	154	579	154	6	-	-	-	23	-	15	-
ACCOUNTING, AUDITING, AND BOOKKEEPING SERVICES	289	411	289	395	-	-	-	-	-	16	-	-
NONCOMMERCIAL EDUCATIONAL AND SCIENTIFIC RESEARCH	54	104	54	98	-	4	-	-	-	2	-	5
MISCELLANEOUS PROFESSIONAL AND RELATED SERVICES	524	723	496	666	23	38	-	8	-	-	-	16
PUBLIC ADMINISTRATION	11 118	10 883	10 179	9 858	676	759	47	84	84	66	223	185
EXECUTIVE AND LEGISLATIVE OFFICES	500	1 045	457	935	39	92	-	2	4	-	-	7
GENERAL GOVERNMENT, N.E.C.	3 416	4 325	3 028	3 826	268	342	16	29	36	54	113	101
LOCAL GOVERNMENT	611	675	541	590	64	72	6	3	-	10	5	13
JUSTICE, PUBLIC ORDER, AND SAFETY	3 269	1 528	3 095	1 441	136	70	17	11	-	-	32	17
LOCAL GOVERNMENT	1 457	687	1 382	655	46	32	15	-	-	-	14	7
PUBLIC FINANCE, TAXATION, AND MONETARY POLICY	582	744	532	706	29	28	-	10	8	-	13	6
ADMINISTRATION OF HUMAN RESOURCES PROGRAMS	951	1 557	829	1 453	86	85	6	14	22	-	17	26
ADMINISTRATION OF ENVIRONMENTAL QUALITY AND HOUSING PROGRAMS	496	300	471	263	25	31	-	-	-	6	20	-
ADMINISTRATION OF ECONOMIC PROGRAMS	1 553	1 280	1 426	1 137	83	104	8	18	14	6	28	28
NATIONAL SECURITY AND INTERNATIONAL AFFAIRS	351	104	341	97	10	7	-	-	-	-	-	-

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

TABLE 228. (B) INDUSTRY OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

TOLEDO, OH-MI SMSA	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
EMPLOYED PERSONS 16 YEARS AND OVER	187 945	136 000	174 461	123 619	10 378	10 445	392	243	890	630	3 660	2 378
AGRICULTURE, FORESTRY, AND FISHERIES	4 115	1 183	4 004	1 119	33	-	2	6	-	6	100	87
AGRICULTURAL PRODUCTION	3 460	908	3 368	844	19	-	2	6	-	6	92	87
AGRICULTURAL SERVICES, INCLUDING HORTICULTURAL	581	273	564	273	12	-	-	-	-	-	8	-
FORESTRY AND FISHERIES	74	2	72	2	2	-	-	-	-	-	-	-
MINING	583	37	561	37	8	-	5	-	-	-	9	-
METAL MINING	18	-	18	-	-	-	-	-	-	-	-	-
COAL MINING	13	7	13	7	-	-	-	-	-	-	-	-
CRUDE PETROLEUM AND NATURAL GAS EXTRACTION	62	5	62	5	-	-	-	-	-	-	-	-
NONMETALLIC MINING AND QUARRYING, EXCEPT FUEL	490	25	468	25	8	-	5	-	-	-	9	-
CONSTRUCTION	15 442	1 359	14 625	1 338	624	21	19	-	31	-	234	12
MANUFACTURING	67 671	20 281	62 346	18 246	4 074	1 563	111	39	244	142	1 737	597
NONDURABLE GOODS	13 691	6 415	12 732	5 792	709	388	7	16	45	65	374	267
MEAT PRODUCTS	261	131	245	112	6	8	-	-	-	-	21	15
DAIRY PRODUCTS	302	134	286	134	6	-	-	-	-	-	17	-
CANNED AND PRESERVED FRUITS AND VEGETABLES	498	350	463	322	23	21	-	-	-	-	36	28
BAKERY PRODUCTS	300	158	238	140	55	14	-	-	-	-	11	8
BEVERAGE INDUSTRIES	300	26	251	26	42	-	-	-	-	-	7	-
OTHER FOOD INDUSTRIES	1 037	434	982	396	41	15	-	6	12	5	12	30
TOBACCO MANUFACTURES	6	6	6	6	-	-	-	-	-	-	-	-
KNITTING MILLS	-	-	-	-	-	-	-	-	-	-	-	-
YARN, THREAD, AND FABRIC MILLS	64	19	64	19	-	-	-	-	-	-	-	-
OTHER TEXTILE MILL PRODUCTS	590	150	531	139	43	11	-	-	12	-	20	-
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	123	308	123	250	-	32	-	-	-	16	9	10
PAPER AND ALLIED PRODUCTS	2 478	1 125	2 316	990	123	87	-	8	5	6	61	63
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	2 001	1 306	1 943	1 248	32	48	-	-	-	8	38	15
NEWSPAPER PUBLISHING AND PRINTING	911	619	896	576	10	35	-	-	-	8	12	11
CHEMICALS AND ALLIED PRODUCTS	2 523	747	2 338	647	134	67	7	-	13	5	50	24
PLASTICS, SYNTHETICS, AND RESINS	647	230	608	197	37	26	-	-	-	-	9	7
DRUGS	71	15	56	9	7	6	-	-	8	-	-	-
PETROLEUM AND COAL PRODUCTS	1 332	168	1 189	149	127	19	-	-	3	-	19	6
PETROLEUM REFINING	1 245	153	1 104	134	125	19	-	-	3	-	19	6
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS	1 844	1 330	1 731	1 191	71	66	-	2	-	25	73	68
FOOTWEAR, EXCEPT RUBBER AND PLASTIC	6	14	-	14	6	-	-	-	-	-	-	-
LEATHER AND LEATHER PRODUCTS, EXCEPT FOOTWEAR	26	9	26	9	-	-	-	-	-	-	-	-
DURABLE GOODS	53 815	13 769	49 483	12 385	3 337	1 152	104	23	199	72	1 357	330
LOGGING	1	7	1	7	-	-	-	-	-	-	-	-
SAWMILLS, PLANING MILLS, AND MILLWORK	243	67	225	57	-	10	-	-	8	-	10	-
WOOD BUILDINGS, MOBILE HOMES, AND MISCELLANEOUS WOOD PRODUCTS	422	118	383	107	34	-	-	-	5	-	7	5
FURNITURE AND FIXTURES	1 192	793	1 160	769	22	20	-	-	-	-	83	39
STONE, CLAY, GLASS, AND CONCRETE PRODUCTS	9 803	3 100	9 175	2 748	480	302	18	-	41	14	187	75
GLASS AND GLASS PRODUCTS	7 114	2 034	6 609	1 749	395	259	17	-	28	6	120	32
CEMENT, CONCRETE, GYPSUM, AND PLASTER PRODUCTS	1 218	119	1 181	112	16	-	1	-	-	1	44	13
PRIMARY METAL INDUSTRIES	5 447	805	4 518	735	787	63	22	-	13	7	194	27
BLAST FURNACES, STEELWORKS, ROLLING AND FINISHING MILLS	2 025	174	1 732	150	256	24	8	-	-	-	45	-
IRON AND STEEL FOUNDRIES	1 091	198	813	190	247	8	6	-	-	-	26	-
PRIMARY NONFERROUS INDUSTRIES	2 331	433	1 973	395	284	31	8	-	13	7	123	27
FABRICATED METAL INDUSTRIES	6 955	1 558	6 365	1 406	424	118	15	8	30	6	236	42
CUTLERY, HANDTOOLS, AND OTHER HARDWARE	87	22	82	22	-	-	-	-	-	-	5	-
FABRICATED STRUCTURAL METAL PRODUCTS	1 308	244	1 215	236	85	8	1	-	-	-	25	-
METAL FORGINGS AND STAMPINGS	3 636	738	3 325	664	220	62	14	-	5	-	141	24
MACHINERY, EXCEPT ELECTRICAL	7 940	1 704	7 507	1 564	297	110	11	8	31	10	166	24
FARM MACHINERY AND EQUIPMENT	156	32	147	32	9	-	-	-	-	-	-	9
CONSTRUCTION AND MATERIAL HANDLING MACHINES	646	165	640	152	6	-	-	-	-	2	5	11
METALWORKING MACHINERY	2 557	386	2 495	369	39	17	11	-	2	-	41	-
OFFICE, ACCOUNTING, AND COMPUTING MACHINES	374	148	343	148	31	-	-	-	-	-	-	-
OTHER MACHINERY, EXCEPT ELECTRICAL	4 207	973	3 882	863	212	93	-	8	29	8	120	4
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	3 083	1 706	2 964	1 545	95	145	-	-	13	4	65	45
HOUSEHOLD APPLIANCES	227	57	223	57	-	-	-	-	-	-	27	2
RADIO, TV, AND COMMUNICATION EQUIPMENT	116	61	108	61	8	-	-	-	-	-	4	-
OTHER ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	2 740	1 588	2 633	1 427	87	145	-	-	13	4	34	43

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

TABLE 228. (B) INDUSTRY OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

TOLEDO, OH-MI SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN (1)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TRANSPORTATION EQUIPMENT	17 401	2 835	15 950	2 439	1 146	339	38	7	28	20	388	61
MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT	15 911	2 556	14 541	2 179	1 115	333	20	7	16	12	355	50
AIRCRAFT, SPACE VEHICLES, AND PARTS	631	126	603	113	7	-	9	-	12	8	-	5
SHIP AND BOAT BUILDING AND REPAIRING	563	11	530	11	16	-	6	-	-	-	11	-
OTHER TRANSPORTATION EQUIPMENT	296	142	276	136	8	6	3	-	-	-	22	6
PROFESSIONAL AND PHOTOGRAPHIC EQUIPMENT AND WATCHES	513	627	483	578	10	30	-	-	13	11	7	8
MISCELLANEOUS MANUFACTURING INDUSTRIES	815	449	752	430	42	15	-	-	17	-	14	4
NOT SPECIFIED MANUFACTURING INDUSTRIES	165	97	131	69	28	23	-	-	-	5	6	-
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	21 461	4 523	20 122	3 950	1 129	532	52	10	13	13	343	47
TRANSPORTATION	14 293	2 289	13 539	2 055	627	221	20	-	-	-	234	27
RAILROADS	4 199	186	4 118	176	60	10	7	-	-	-	81	9
BUS SERVICE AND URBAN TRANSIT	457	215	399	181	30	34	-	-	-	-	22	5
TAXICAB SERVICE	135	38	100	38	25	-	-	-	-	-	10	-
TRUCKING SERVICE AND WAREHOUSING	6 900	747	6 589	725	257	19	5	-	-	-	68	3
U.S. POSTAL SERVICE	1 324	701	1 145	559	170	142	3	-	-	-	16	-
WATER TRANSPORTATION	633	49	605	49	23	-	5	-	-	-	25	-
AIR TRANSPORTATION	388	66	333	56	55	10	-	-	-	-	3	-
OTHER TRANSPORTATION	257	287	250	271	7	6	-	-	-	-	9	10
COMMUNICATIONS	2 183	1 331	2 046	1 089	100	237	5	-	13	-	34	18
RADIO AND TELEVISION BROADCASTING	580	215	552	179	22	36	2	-	-	-	4	13
TELEPHONE (WIRE AND RADIO)	1 456	1 042	1 361	841	72	196	3	-	5	-	30	5
TELEGRAPH AND MISCELLANEOUS COMMUNICATION SERVICES	147	74	133	69	6	5	-	-	8	-	-	-
UTILITIES AND SANITARY SERVICES	4 985	903	4 537	806	402	74	27	10	-	13	75	2
ELECTRIC AND GAS UTILITIES	3 764	762	3 468	680	252	66	27	10	-	6	60	2
WATER SUPPLY, SANITARY SERVICES, AND OTHER UTILITIES	1 221	141	1 069	126	150	8	-	-	-	7	15	-
WHOLESALE TRADE	10 582	3 427	9 976	3 283	464	123	18	-	10	13	211	17
DURABLE GOODS	6 513	2 061	6 138	1 984	311	62	12	-	10	7	84	16
MOTOR VEHICLES AND EQUIPMENT	867	331	822	321	20	3	5	-	2	7	18	5
LUMBER AND CONSTRUCTION MATERIALS	309	110	309	110	-	-	-	-	-	-	-	-
ELECTRICAL GOODS	501	217	487	213	6	4	-	-	8	-	7	-
HARDWARE, PLUMBING AND HEATING SUPPLIES	863	297	826	280	30	13	-	-	-	-	7	7
MACHINERY, EQUIPMENT, AND SUPPLIES	2 591	790	2 475	757	97	29	7	-	-	-	26	4
OTHER WHOLESALE, DURABLE GOODS	1 382	316	1 219	303	158	13	-	-	-	-	26	-
NONDURABLE GOODS	4 069	1 366	3 838	1 299	153	61	6	-	-	6	127	1
DRUGS, CHEMICALS, AND ALLIED PRODUCTS	297	158	297	151	-	7	-	-	-	-	-	-
GROCERIES AND FARM PRODUCTS	2 229	656	2 069	623	111	27	6	-	-	6	77	1
PETROLEUM PRODUCTS	306	77	293	72	13	5	-	-	-	-	6	-
OTHER WHOLESALE, NONDURABLE GOODS	1 237	475	1 179	453	29	22	-	-	-	-	44	-
RETAIL TRADE	23 816	31 436	22 506	29 905	1 015	1 167	48	35	123	162	315	473
HARDWARE AND BUILDING MATERIAL RETAILING	1 147	485	1 140	474	7	11	-	-	-	-	11	-
GENERAL MERCHANDISE STORES	2 026	5 550	1 846	5 105	155	353	12	3	-	53	20	92
DEPARTMENT STORES	1 774	5 111	1 603	4 704	146	320	12	3	-	53	13	85
FOOD, BAKERY, AND DAIRY STORES	3 750	4 166	3 612	4 048	99	97	7	5	16	6	33	65
MOTOR VEHICLE DEALERS	2 559	454	2 473	441	67	8	-	-	18	5	4	8
AUTO AND HOME SUPPLY STORES	736	187	719	178	12	9	5	-	-	-	9	-
GASOLINE SERVICE STATIONS	1 983	421	1 891	414	67	7	7	-	-	-	35	-
MISCELLANEOUS VEHICLE DEALERS	281	62	281	62	-	-	-	-	-	-	-	-
APPAREL AND ACCESSORY STORES	788	1 791	752	1 735	36	39	-	-	-	13	15	15
FURNITURE, HOME FURNISHINGS, AND APPLIANCE STORES	1 488	778	1 419	770	50	7	-	1	6	-	23	-
EATING AND DRINKING PLACES	5 666	11 781	5 101	11 177	402	454	17	8	83	73	157	215
DRUG STORES	800	1 608	775	1 549	25	59	-	-	-	-	2	15
OTHER RETAIL TRADE	2 592	4 153	2 497	3 952	95	123	-	18	-	12	6	63
FINANCE, INSURANCE, AND REAL ESTATE	5 707	8 208	5 488	7 677	194	446	12	18	-	25	26	91
BANKING	1 023	3 268	1 015	3 014	8	208	-	7	-	11	-	56
CREDIT AGENCIES, OTHER THAN BANKS	492	911	480	849	6	41	-	-	-	7	6	17
SECURITY, COMMODITY BROKERAGE, AND INVESTMENT COMPANIES	295	237	280	231	15	6	-	-	-	-	8	7
INSURANCE	2 022	2 038	1 935	1 931	75	95	12	5	-	7	-	-
REAL ESTATE, INCLUDING REAL ESTATE-INSURANCE-LAW OFFICES	1 875	1 754	1 778	1 652	90	96	-	6	-	-	12	11
BUSINESS AND REPAIR SERVICES	7 522	4 358	6 938	4 013	404	322	45	20	44	-	120	30
ADVERTISING	273	356	264	352	9	4	-	-	-	-	-	-
SERVICES TO DWELLINGS AND OTHER BUILDINGS	613	590	486	462	97	128	11	-	-	-	25	5
COMMERCIAL RESEARCH, MANAGEMENT, AND DATA PROCESSING SERVICES	791	983	740	944	9	25	6	14	28	-	8	-
DETECTIVE AND PROTECTIVE SERVICES	915	250	856	201	51	49	-	-	-	-	14	-
OTHER BUSINESS SERVICES	1 154	1 654	1 113	1 545	31	100	-	6	6	-	10	18
AUTOMOTIVE REPAIR AND SERVICES	2 247	299	2 036	283	194	16	10	-	-	-	7	-
OTHER REPAIR SERVICES	1 529	226	1 443	226	13	-	18	-	10	-	56	7

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

TABLE 228. (B) INDUSTRY OF EMPLOYED PERSONS BY SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

TOLEDO, OH-MI SMSA

	SMSA											
	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		SPANISH ORIGIN	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
PERSONAL SERVICES	2 207	6 500	1 926	5 601	270	797	5	27	6	33	10	80
PRIVATE HOUSEHOLDS	127	1 475	102	1 113	25	338	-	7	-	11	-	15
HOTELS AND LODGING PLACES	750	1 923	676	1 710	69	167	5	13	-	15	3	25
LAUNDRY, CLEANING, AND GARMENT SERVICES	487	851	406	697	81	135	-	-	-	7	-	14
BARBER AND BEAUTY SHOPS	463	1 691	405	1 548	58	130	-	7	-	-	2	24
OTHER PERSONAL SERVICES	380	560	337	533	37	27	-	-	6	-	5	2
ENTERTAINMENT AND RECREATION SERVICES	1 610	1 383	1 493	1 294	100	79	3	-	6	-	24	10
THEATERS AND MOTION PICTURES	331	275	311	242	20	23	-	-	-	-	-	10
OTHER ENTERTAINMENT AND RECREATION SERVICES	1 279	1 108	1 182	1 052	80	56	3	-	6	-	24	-
PROFESSIONAL AND RELATED SERVICES	21 366	49 326	19 299	43 951	1 458	4 699	59	84	398	230	443	819
HEALTH SERVICES	5 504	22 872	4 795	19 911	471	2 610	9	27	193	152	169	415
OFFICES OF HEALTH PRACTITIONERS	1 238	3 278	1 127	3 101	17	123	-	7	83	42	21	62
HOSPITALS	3 331	14 593	2 835	12 524	372	1 856	-	13	101	89	140	227
NURSING AND PERSONAL CARE FACILITIES	422	3 848	387	3 301	24	486	9	7	-	21	3	82
HEALTH SERVICES, N.E.C.	513	1 153	446	985	58	145	-	-	9	-	5	44
LEGAL SERVICES	1 207	1 140	1 184	1 111	11	17	7	-	5	6	-	6
EDUCATIONAL SERVICES	9 311	19 450	8 437	17 844	640	1 405	17	36	147	43	160	265
ELEMENTARY AND SECONDARY SCHOOLS	5 552	14 305	5 033	13 153	427	1 057	5	29	56	20	70	158
GOVERNMENT	4 742	11 125	4 286	10 082	383	962	5	29	41	18	66	127
COLLEGES AND UNIVERSITIES	3 490	4 128	3 171	3 792	179	257	12	-	91	10	88	94
GOVERNMENT	3 122	3 298	2 861	3 031	133	205	12	-	86	10	79	77
LIBRARIES	146	698	126	605	20	73	-	-	-	13	-	7
OTHER EDUCATIONAL SERVICES	123	319	107	294	14	18	-	7	-	-	2	6
SOCIAL SERVICES	931	2 818	752	2 228	154	509	-	10	-	15	52	121
CHILD DAY CARE SERVICES	54	807	36	662	18	136	-	-	-	9	5	13
RESIDENTIAL CARE FACILITIES, WITHOUT NURSING	62	236	53	196	9	40	-	-	-	-	-	-
OTHER SOCIAL SERVICES	815	1 775	663	1 370	127	333	-	10	-	6	47	108
MUSEUMS, ART GALLERIES, AND ZOOS	232	130	210	118	7	12	15	-	-	-	4	-
RELIGIOUS ORGANIZATIONS	1 190	1 049	1 109	994	74	49	-	6	-	-	28	-
ENGINEERING, ARCHITECTURAL, AND SURVEYING SERVICES	1 518	310	1 422	291	33	13	6	-	48	6	22	6
ACCOUNTING, AUDITING, AND BOOKKEEPING SERVICES	606	606	606	583	-	23	-	-	-	-	3	-
NONCOMMERCIAL EDUCATIONAL AND SCIENTIFIC RESEARCH	49	60	47	60	2	-	-	-	-	-	-	-
MISCELLANEOUS PROFESSIONAL AND RELATED SERVICES	818	891	737	811	66	61	5	5	5	8	5	6
PUBLIC ADMINISTRATION	5 863	3 979	5 177	3 205	605	696	13	4	15	6	88	115
EXECUTIVE AND LEGISLATIVE OFFICES	107	158	101	144	6	14	-	-	-	-	-	-
GENERAL GOVERNMENT, N.E.C.	1 210	1 174	1 013	876	186	281	-	4	6	-	15	14
LOCAL GOVERNMENT	898	847	763	701	129	134	-	4	6	-	6	9
JUSTICE, PUBLIC ORDER, AND SAFETY	2 930	1 022	2 598	886	289	118	1	-	9	-	44	24
LOCAL GOVERNMENT	2 559	888	2 314	783	202	96	1	-	9	-	44	15
PUBLIC FINANCE, TAXATION, AND MONETARY POLICY	259	279	241	254	18	25	-	-	-	-	-	7
ADMINISTRATION OF HUMAN RESOURCES PROGRAMS	293	742	243	563	35	150	-	-	-	-	29	62
ADMINISTRATION OF ENVIRONMENTAL QUALITY AND HOUSING PROGRAMS	299	173	277	133	22	40	-	-	-	-	-	-
ADMINISTRATION OF ECONOMIC PROGRAMS	503	341	460	280	31	59	12	-	-	2	-	-
NATIONAL SECURITY AND INTERNATIONAL AFFAIRS	262	90	244	69	18	9	-	-	-	4	-	8

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

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980

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

MICHIGAN

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
TOTAL												
MALES 16 YEARS AND OVER	2 181 242	1 761 755	269 791	42 228	73 143	154 420	145 035	4 661	75 720	216 565	1 102 465	717 321
AGRICULTURE	47 962	19 691	421	98	166	157	26 125	1 725	3 345	7 736	11 023	24 539
FORESTRY AND FISHERIES	2 013	586	1 170	623	348	199	252	5	67	242	1 239	401
MINING	12 401	11 928	47	13	15	19	411	15	172	601	7 553	3 636
CONSTRUCTION	142 013	105 256	13 664	808	2 175	10 681	22 776	317	5 851	21 389	78 455	29 809
MANUFACTURING	880 927	868 211	4 021	1 327	645	2 049	8 332	363	10 727	44 443	515 255	278 014
NONDURABLE GOODS	142 662	139 552	613	112	250	251	2 387	110	3 524	8 268	77 805	48 847
MEAT PRODUCTS	4 930	4 713	80	38	12	30	133	4	99	415	2 216	2 023
CANNED AND PRESERVED PRODUCE AND BEVERAGES	10 646	10 514	51	12	6	33	72	9	184	517	5 415	4 159
BAKERY PRODUCTS	4 457	4 329	25	-	19	6	100	3	88	375	1 909	1 925
OTHER FOOD INDUSTRIES	13 274	12 940	40	2	8	30	275	19	135	624	6 059	5 916
YARN, THREAD, AND FABRIC MILLS	344	317	-	-	-	-	25	2	9	28	173	127
OTHER TEXTILE MILL PRODUCTS	1 226	1 199	7	-	-	7	20	-	7	49	799	335
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	3 435	3 350	10	-	2	8	75	-	57	202	2 167	928
PAPER AND ALLIED PRODUCTS	18 548	18 470	53	21	13	19	20	5	122	829	9 413	7 453
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	27 680	26 113	242	14	177	51	1 297	28	2 388	2 956	13 984	7 713
CHEMICALS AND ALLIED PRODUCTS	38 572	38 299	56	-	9	47	187	30	233	1 324	24 509	11 561
PETROLEUM AND COAL PRODUCTS	1 672	1 661	2	-	2	-	9	-	12	39	1 102	485
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS	16 127	15 959	40	25	-	15	123	5	171	780	9 063	5 638
FOOTWEAR, EXCEPT RUBBER AND PLASTIC	875	858	2	-	2	-	15	-	11	61	450	340
OTHER NONDURABLE GOODS	876	830	5	-	-	5	36	5	8	69	546	244
DURABLE GOODS	734 507	725 103	3 337	1 197	369	1 771	5 814	250	7 068	35 778	435 442	228 079
LOGGING	2 504	1 310	9	2	2	5	1 151	34	114	472	1 004	734
SAWMILLS, PLANING MILLS, AND MILLWORK	5 700	5 314	11	6	2	3	369	6	127	596	3 055	1 654
WOOD BUILDINGS, MOBILE HOMES, AND MISCELLANEOUS WOOD PRODUCTS	4 564	4 316	23	7	8	8	223	2	162	604	2 470	1 160
FURNITURE AND FIXTURES	19 296	18 947	71	23	13	35	271	7	254	1 023	9 361	8 148
STONE, CLAY, GLASS, AND CONCRETE PRODUCTS	15 614	15 303	48	10	-	38	245	18	301	1 007	9 457	4 397
CEMENT, CONCRETE, GYPSUM, AND PLASTER PRODUCTS	6 048	5 960	19	10	-	9	67	2	223	472	3 426	1 753
PRIMARY IRON AND STEEL INDUSTRIES	42 616	42 287	226	62	36	128	103	-	369	2 370	26 800	11 216
PRIMARY NONFERROUS INDUSTRIES	15 862	15 759	53	10	24	19	48	2	193	864	8 603	5 565
FABRICATED METAL INDUSTRIES	63 924	63 047	221	68	43	110	619	37	829	3 961	37 559	19 614
MACHINERY, EXCEPT ELECTRICAL	138 950	136 984	364	167	34	163	1 552	50	1 349	6 509	66 250	60 265
OFFICE, ACCOUNTING, AND COMPUTING MACHINES	7 737	7 700	9	-	9	-	23	5	87	203	4 094	2 702
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	21 223	21 024	64	17	8	39	128	7	239	1 148	12 439	6 874
RADIO, TV, AND COMMUNICATION EQUIPMENT	3 452	3 439	-	-	-	-	8	5	16	142	2 237	977
MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT	370 947	368 704	1 698	404	166	1 128	483	62	2 668	15 310	239 999	97 025
AIRCRAFT, SPACE VEHICLES, AND PARTS	6 272	6 154	99	79	7	13	19	-	36	188	3 379	2 535
OTHER TRANSPORTATION EQUIPMENT	8 451	7 989	387	336	11	40	72	3	104	586	5 169	2 209
PROFESSIONAL AND PHOTOGRAPHIC EQUIPMENT AND WATCHES	7 715	7 620	8	-	6	2	81	6	67	396	4 029	3 098
MISCELLANEOUS MANUFACTURING INDUSTRIES	10 869	10 348	55	6	9	40	450	16	256	744	5 868	3 585
NOT SPECIFIED MANUFACTURING INDUSTRIES	3 758	3 553	71	18	26	27	131	3	135	397	2 008	1 088
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	155 091	119 611	30 865	17 365	1 025	12 475	4 498	117	2 553	9 380	84 612	53 426
RAILROADS	15 244	13 411	1 833	1 668	77	88	-	-	111	633	9 579	4 198
BUS SERVICE AND URBAN TRANSIT	5 223	2 367	2 739	35	260	2 444	109	8	104	481	2 338	2 120
TRUCKING SERVICE AND WAREHOUSING	43 026	39 351	350	81	29	240	3 273	52	1 098	4 211	16 001	19 834
U. S. POSTAL SERVICE	15 307	-	15 307	15 307	-	-	-	-	172	626	9 467	4 584
WATER TRANSPORTATION	1 735	1 513	111	81	12	18	70	41	63	166	795	617

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

MICHIGAN	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
AIR TRANSPORTATION	5 937	5 370	457	72	23	362	110	-	145	647	3 395	1 656
ALL OTHER TRANSPORTATION	4 077	3 364	173	5	97	71	531	9	117	478	1 712	1 615
COMMUNICATIONS	23 769	23 364	303	32	210	61	102	-	365	700	12 814	9 345
ELECTRIC AND GAS UTILITIES	30 213	28 303	1 858	56	186	1 616	45	7	162	778	21 536	7 109
WATER SUPPLY, SANITARY SERVICES, AND OTHER UTILITIES	10 560	2 568	7 734	28	131	7 575	258	-	216	660	6 975	2 348
WHOLESALE TRADE	102 225	95 895	233	22	129	82	5 947	150	1 999	6 137	47 560	44 045
GROCERIES AND FARM PRODUCTS	20 336	19 313	46	14	13	19	928	49	499	1 193	7 926	10 200
RETAIL TRADE	283 704	255 728	1 165	212	596	357	25 633	1 178	21 359	63 263	87 954	104 021
HARDWARE AND BUILDING MATERIAL RETAILING	16 138	14 705	6	-	2	4	1 381	46	830	2 229	5 119	7 533
GENERAL MERCHANDISE STORES	22 213	21 871	36	17	6	13	270	36	1 215	4 685	10 116	5 546
FOOD, BAKERY, AND DAIRY STORES	47 667	43 516	152	106	9	37	3 796	203	3 362	10 692	16 270	16 237
AUTOMOTIVE DEALERS AND AUTO SUPPLY STORES	39 230	37 151	22	6	7	9	1 964	93	752	3 130	13 008	21 370
GASOLINE SERVICE STATIONS	19 669	16 951	71	21	6	44	2 567	80	1 103	4 817	5 542	7 755
APPAREL AND ACCESSORY STORES	10 907	10 050	6	4	2	-	815	36	805	2 517	3 214	4 154
FURNITURE, HOME FURNISHINGS, AND APPLIANCE STORES	19 338	16 284	13	-	2	11	2 981	60	860	2 708	6 884	8 460
EATING AND DRINKING PLACES	66 772	60 620	468	44	292	132	5 349	335	9 548	24 998	14 525	15 897
DRUG STORES	8 075	7 438	34	-	26	8	596	7	676	2 131	1 751	3 359
OTHER RETAIL TRADE	33 695	27 142	357	14	244	99	5 914	282	2 208	5 356	11 525	13 710
FINANCE, INSURANCE, AND REAL ESTATE	71 588	62 004	1 974	424	188	1 362	7 499	111	2 133	5 700	35 483	26 679
BANKING AND CREDIT AGENCIES	20 041	19 466	469	297	44	128	106	-	403	1 468	11 808	6 001
INSURANCE	25 294	22 413	180	89	61	30	2 691	10	410	1 139	13 436	9 831
OTHER FINANCE AND REAL ESTATE	26 253	20 125	1 325	38	83	1 204	4 702	101	1 320	3 093	10 239	10 847
BUSINESS AND REPAIR SERVICES	85 069	68 175	1 537	337	531	669	15 043	314	3 599	11 284	37 202	30 380
ADVERTISING	4 837	4 345	-	-	-	-	473	19	115	361	2 367	1 886
COMMERCIAL RESEARCH, MANAGEMENT, AND DATA PROCESSING SERVICES	14 130	12 661	184	56	83	45	1 278	7	484	1 092	6 976	5 264
AUTOMOTIVE REPAIR AND SERVICES	25 677	19 608	480	39	69	372	5 440	149	1 052	3 406	10 463	9 969
OTHER BUSINESS AND REPAIR SERVICES	40 425	31 561	873	242	379	252	7 852	139	1 948	6 425	17 396	13 261
PERSONAL SERVICES	25 922	18 951	216	16	101	99	6 567	188	1 986	4 671	9 250	9 051
PRIVATE HOUSEHOLDS	1 453	1 343	-	-	-	-	96	14	449	398	401	185
HOTELS AND LODGING PLACES	8 924	7 836	153	10	84	59	852	83	634	2 029	3 661	2 219
LAUNDRY, CLEANING, AND GARMENT SERVICES	5 938	4 586	33	6	-	27	1 272	47	354	947	2 104	2 326
BARBER AND BEAUTY SHOPS	5 292	2 084	23	-	12	11	3 169	16	212	664	1 703	2 527
OTHER PERSONAL SERVICES	4 315	3 102	7	-	5	2	1 178	28	337	633	1 381	1 794
ENTERTAINMENT AND RECREATION SERVICES	18 471	14 339	1 679	61	164	1 454	2 373	80	2 553	5 418	5 588	4 278
PROFESSIONAL AND RELATED SERVICES	264 550	121 380	123 493	3 987	43 287	76 219	19 579	98	17 551	31 493	122 909	86 981
HEALTH SERVICES	67 565	44 866	14 990	2 310	7 644	5 036	7 706	3	1 860	7 470	34 635	22 070
HOSPITALS	39 964	27 812	11 733	2 163	5 997	3 573	419	-	819	3 709	23 120	11 456
EDUCATIONAL SERVICES	129 437	25 387	103 497	1 232	33 442	68 823	534	19	12 778	17 746	62 954	33 015
ELEMENTARY AND SECONDARY SCHOOLS	80 494	11 432	68 989	596	4 234	64 159	73	-	3 374	7 703	45 879	21 726
GOVERNMENT	68 989	-	68 989	596	4 234	64 159	-	-	2 734	6 416	40 138	18 142
COLLEGES AND UNIVERSITIES	46 048	12 707	33 289	576	29 024	3 689	33	19	8 994	9 285	15 924	10 756
GOVERNMENT	33 289	-	33 289	576	29 024	3 689	-	-	6 273	6 524	11 801	7 975
OTHER EDUCATIONAL SERVICES	2 895	1 248	1 219	60	184	975	428	-	410	758	1 151	533
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	28 827	22 898	3 869	220	1 954	1 695	1 984	76	1 937	3 561	10 891	11 937
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	38 721	28 229	1 137	225	247	665	9 355	-	976	2 716	14 429	19 959
PUBLIC ADMINISTRATION	89 306	-	89 306	16 935	23 773	48 598	-	-	1 825	4 808	58 382	22 061

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

MICHIGAN	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS				SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
	TOTAL		TOTAL	FEDERAL	STATE	LOCAL						
TOTAL												
FEMALES 16 YEARS AND OVER	1 569 490	1 185 619	325 979	36 299	86 320	203 360	47 355	10 537	136 203	398 235	797 296	174 881
AGRICULTURE	13 125	7 670	145	31	94	20	3 552	1 758	1 571	4 379	3 594	3 260
FORESTRY AND FISHERIES	447	56	380	325	50	5	6	5	18	120	275	27
MINING	1 092	1 052	-	-	-	-	21	19	56	122	732	128
CONSTRUCTION	13 319	10 909	1 446	221	271	954	561	403	1 234	2 760	7 417	1 412
MANUFACTURING	255 344	251 218	1 639	597	367	675	1 916	571	7 044	30 194	169 065	33 418
NONDURABLE GOODS	74 932	73 175	462	42	226	194	1 069	226	3 428	12 116	45 582	10 273
MEAT PRODUCTS	1 884	1 834	9	-	7	2	23	18	71	395	924	336
CANNED AND PRESERVED PRODUCE AND BEVERAGES	4 385	4 362	18	-	7	11	-	5	186	637	2 752	605
BAKERY PRODUCTS	2 575	2 536	13	-	13	-	18	8	153	637	1 267	375
OTHER FOOD INDUSTRIES	4 908	4 833	29	5	-	24	34	12	140	986	2 685	736
YARN, THREAD, AND FABRIC MILLS	342	274	-	-	-	-	68	-	32	93	157	42
OTHER TEXTILE MILL PRODUCTS	746	730	-	-	-	-	16	-	23	102	493	66
APPAREL AND OTHER FINISHED TEXTILE PRODUCTS	6 758	6 560	24	-	-	24	168	6	204	923	4 465	685
PAPER AND ALLIED PRODUCTS	4 839	4 779	9	-	-	9	40	11	110	488	3 172	879
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	18 902	17 890	265	25	180	60	593	154	1 998	4 222	9 666	2 418
CHEMICALS AND ALLIED PRODUCTS	15 767	15 676	43	-	14	29	46	2	247	1 810	10 872	2 303
PETROLEUM AND COAL PRODUCTS	361	361	-	-	-	-	-	-	9	52	243	38
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS	11 599	11 505	50	12	3	35	34	10	231	1 601	7 678	1 405
FOOTWEAR, EXCEPT RUBBER AND PLASTIC	1 467	1 465	2	-	2	-	-	-	11	140	963	311
OTHER NONDURABLE GOODS	399	370	-	-	-	-	29	-	13	30	245	74
DURABLE GOODS	178 742	176 443	1 132	547	123	462	834	333	3 568	17 830	122 363	23 022
LOGGING	117	65	6	6	-	-	25	21	7	40	63	7
SAWMILLS, PLANING MILLS, AND MILLWORK	1 315	1 288	3	1	-	2	12	12	45	235	844	111
WOOD BUILDINGS, MOBILE HOMES, AND MISCELLANEOUS WOOD PRODUCTS	1 185	1 103	6	6	-	-	39	37	67	225	713	138
FURNITURE AND FIXTURES	7 293	7 210	24	12	-	12	53	6	156	799	4 437	1 563
STONE, CLAY, GLASS, AND CONCRETE PRODUCTS	4 436	4 252	22	-	-	22	157	5	157	561	3 023	487
CEMENT, CONCRETE, GYPSUM, AND PLASTER PRODUCTS	670	638	-	-	-	-	32	-	59	90	424	66
PRIMARY IRON AND STEEL INDUSTRIES	5 131	5 098	21	21	-	-	12	-	183	370	3 652	581
PRIMARY NONFERROUS INDUSTRIES	4 179	4 134	20	-	5	15	13	12	93	330	2 983	562
FABRICATED METAL INDUSTRIES	19 112	18 922	75	9	17	49	72	43	466	2 238	13 016	2 222
MACHINERY, EXCEPT ELECTRICAL	29 059	28 732	88	13	16	59	117	122	624	3 279	19 240	4 399
OFFICE, ACCOUNTING, AND COMPUTING MACHINES	3 428	3 414	7	-	-	7	7	-	31	236	2 082	513
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	12 849	12 753	56	31	5	20	27	13	255	1 287	9 209	1 482
RADIO, TV, AND COMMUNICATION EQUIPMENT	2 454	2 417	25	24	-	1	12	-	37	214	1 826	263
MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT	78 932	78 402	438	145	61	232	80	12	1 188	6 387	55 219	9 477
AIRCRAFT, SPACE VEHICLES, AND PARTS	2 163	2 089	74	66	-	8	-	-	12	204	1 436	370
OTHER TRANSPORTATION EQUIPMENT	2 076	1 834	229	207	6	16	9	4	24	266	1 463	187
PROFESSIONAL AND PHOTOGRAPHIC EQUIPMENT AND WATCHES	5 247	5 159	37	18	7	12	41	10	89	618	3 567	815
MISCELLANEOUS MANUFACTURING INDUSTRIES	5 648	5 402	33	12	6	15	177	36	202	991	3 498	621
NOT SPECIFIED MANUFACTURING INDUSTRIES	1 670	1 600	45	8	18	19	13	12	48	248	1 120	123
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	59 455	45 973	12 922	9 981	456	2 485	410	150	2 191	7 092	38 616	9 338
RAILROADS	1 433	1 275	158	144	14	-	-	-	-	117	1 120	116
BUS SERVICE AND URBAN TRANSIT	2 436	1 312	1 122	38	158	926	2	-	151	687	1 024	437
TRUCKING SERVICE AND WAREHOUSING	6 210	5 805	132	67	22	43	195	78	357	1 256	3 142	1 191
U. S. POSTAL SERVICE	9 588	-	9 588	9 588	-	-	-	-	750	1 219	5 505	1 748
WATER TRANSPORTATION	278	231	12	1	3	8	15	20	25	49	116	59

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

MICHIGAN

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
AIR TRANSPORTATION	2 653	2 361	281	46	23	212	9	2	103	540	1 597	269
ALL OTHER TRANSPORTATION	3 870	3 652	84	13	37	34	122	12	156	663	2 359	643
COMMUNICATIONS	23 907	23 543	341	61	137	143	23	-	429	1 710	17 069	3 802
ELECTRIC AND GAS UTILITIES	7 501	7 215	268	23	53	192	13	5	132	694	5 580	915
WATER SUPPLY, SANITARY SERVICES, AND OTHER UTILITIES	1 579	579	936	-	9	927	31	33	88	157	1 104	158
WHOLESALE TRADE	34 560	32 964	69	27	25	17	989	538	1 878	6 110	19 867	5 643
GROCERIES AND FARM PRODUCTS	6 246	6 065	11	11	-	-	113	57	457	1 374	3 201	975
RETAIL TRADE	335 127	315 729	2 003	395	968	640	13 711	3 684	41 828	132 474	112 237	35 918
HARDWARE AND BUILDING MATERIAL RETAILING	6 607	6 103	-	-	-	-	329	175	537	1 896	2 815	1 126
GENERAL MERCHANDISE STORES	56 047	55 562	172	103	15	54	233	80	4 134	20 636	25 316	3 745
FOOD, BAKERY, AND DAIRY STORES	44 731	42 260	134	60	9	65	1 702	635	3 961	16 274	16 605	5 904
AUTOMOTIVE DEALERS AND AUTO SUPPLY STORES	8 183	7 811	20	-	4	16	204	148	414	1 552	4 154	1 857
GASOLINE SERVICE STATIONS	4 450	4 015	12	3	-	9	244	179	367	1 505	1 448	939
APPAREL AND ACCESSORY STORES	26 916	25 695	46	7	15	24	1 000	175	3 553	10 140	9 544	2 741
FURNITURE, HOME FURNISHINGS, AND APPLIANCE STORES	11 326	10 026	22	6	-	16	935	343	1 102	3 512	4 606	1 863
EATING AND DRINKING PLACES	119 144	114 159	1 221	164	667	390	2 858	906	18 903	56 087	28 378	11 127
DRUG STORES	13 205	12 979	29	-	21	8	93	104	1 194	5 348	5 345	991
OTHER RETAIL TRADE	44 518	37 119	347	52	237	58	6 113	939	7 663	15 524	14 026	5 625
FINANCE, INSURANCE, AND REAL ESTATE	112 242	105 751	3 335	1 590	598	1 147	2 650	506	4 727	19 060	72 897	12 172
BANKING AND CREDIT AGENCIES	56 262	53 770	2 423	1 437	407	579	56	13	1 632	9 094	38 733	5 253
INSURANCE	33 378	32 498	308	85	128	95	347	225	916	4 074	24 103	3 361
OTHER FINANCE AND REAL ESTATE	22 602	19 483	604	68	63	473	2 247	268	2 179	5 892	10 061	3 558
BUSINESS AND REPAIR SERVICES	45 678	39 507	1 525	171	898	456	3 866	780	4 206	12 435	21 081	6 192
ADVERTISING	3 901	3 630	11	2	2	7	222	38	198	546	2 429	607
COMMERCIAL RESEARCH, MANAGEMENT, AND DATA PROCESSING SERVICES	11 448	10 479	206	62	87	57	696	67	951	2 776	5 415	1 882
AUTOMOTIVE REPAIR AND SERVICES	3 302	2 709	76	2	19	55	256	261	188	915	1 509	542
OTHER BUSINESS AND REPAIR SERVICES	27 027	22 689	1 232	105	790	337	2 692	414	2 869	8 198	11 728	3 161
PERSONAL SERVICES	70 089	57 881	548	107	197	244	10 993	667	10 995	25 157	22 836	8 313
PRIVATE HOUSEHOLDS	18 392	18 126	120	39	57	24	134	12	5 738	6 265	3 860	1 691
HOTELS AND LODGING PLACES	17 827	13 343	260	44	79	137	4 058	166	1 983	5 527	6 897	2 836
LAUNDRY, CLEANING, AND GARMENT SERVICES	10 190	9 439	70	-	37	33	466	215	853	3 828	4 147	938
BARBER AND BEAUTY SHOPS	18 987	13 343	58	14	16	28	5 485	101	1 571	7 898	6 498	2 245
OTHER PERSONAL SERVICES	4 693	3 630	40	10	8	22	850	173	850	1 639	1 434	603
ENTERTAINMENT AND RECREATION SERVICES	14 792	12 468	1 351	86	120	1 145	855	118	3 137	5 616	4 037	1 406
PROFESSIONAL AND RELATED SERVICES	542 065	304 441	228 461	7 661	55 256	165 544	7 825	1 338	53 707	143 250	274 836	50 754
HEALTH SERVICES	240 403	197 886	40 097	3 589	14 727	21 781	1 714	706	11 135	62 377	134 426	22 783
HOSPITALS	146 316	116 458	29 620	3 170	10 826	15 624	188	50	4 731	32 620	88 270	14 480
EDUCATIONAL SERVICES	228 382	49 777	176 797	2 869	35 374	138 554	1 771	37	34 613	62 431	105 710	17 719
ELEMENTARY AND SECONDARY SCHOOLS	170 005	30 213	139 704	1 981	7 780	129 943	68	20	19 200	47 234	84 213	13 330
GOVERNMENT	139 704	-	139 704	1 981	7 780	129 943	-	-	15 215	38 525	70 430	10 426
COLLEGES AND UNIVERSITIES	49 483	17 180	32 251	755	27 208	4 288	40	12	13 185	12 185	18 543	3 934
GOVERNMENT	32 251	-	32 251	755	27 208	4 288	-	-	8 715	7 735	12 198	2 702
OTHER EDUCATIONAL SERVICES	8 894	2 384	4 842	133	386	4 323	1 663	5	2 228	3 012	2 954	455
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	46 990	33 411	10 754	1 018	4 906	4 830	2 512	313	6 296	13 069	20 523	5 772
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	26 290	23 367	813	185	249	379	1 828	282	1 663	5 373	14 177	4 480
PUBLIC ADMINISTRATION	72 155	-	72 155	15 107	27 020	30 028	-	-	3 611	9 466	49 806	6 900

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

MICHIGAN

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
WHITE												
MALES 16 YEARS AND OVER	1 966 758	1 592 812	230 441	34 745	64 662	131 034	139 141	4 364	67 695	193 661	971 561	676 058
AGRICULTURE	46 702	18 723	329	68	145	116	25 937	1 713	3 223	7 488	10 516	24 238
FORESTRY AND FISHERIES	1 818	520	1 094	593	337	164	199	5	58	207	1 128	366
MINING	12 207	11 734	47	13	15	19	411	15	164	592	7 425	3 604
CONSTRUCTION	133 716	99 152	12 325	689	1 977	9 659	21 946	293	5 493	19 983	73 677	28 677
MANUFACTURING	779 813	768 843	2 595	972	497	1 126	8 033	342	8 951	37 634	446 571	261 063
NONDURABLE GOODS	132 138	129 300	481	85	224	172	2 255	102	3 248	7 447	71 237	46 561
FOOD AND KINDRED PRODUCTS	29 149	28 442	129	39	28	62	551	27	430	1 605	13 159	12 982
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	4 622	4 513	4	-	2	2	103	2	58	240	2 911	1 299
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	26 164	24 677	225	11	168	46	1 234	28	2 254	2 748	13 079	7 489
CHEMICALS AND ALLIED PRODUCTS	36 216	35 979	37	-	9	28	170	30	191	1 208	22 815	11 154
DURABLE GOODS	647 675	639 543	2 114	887	273	954	5 778	240	5 703	30 187	375 334	214 502
FURNITURE, LUMBER, AND WOOD PRODUCTS	30 350	28 209	82	20	25	37	2 010	49	615	2 493	14 978	11 250
PRIMARY METAL INDUSTRIES	49 763	49 482	152	35	15	102	127	2	396	2 599	29 567	15 257
FABRICATED METAL INDUSTRIES	59 388	58 592	149	47	26	76	610	37	735	3 506	34 567	18 809
MACHINERY, EXCEPT ELECTRICAL	132 095	130 244	288	135	27	126	1 513	50	1 253	6 104	62 062	58 620
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	20 101	19 914	52	17	8	27	128	7	227	1 069	11 629	6 666
TRANSPORTATION EQUIPMENT	321 617	319 768	1 264	614	137	513	533	52	1 800	12 149	203 529	92 415
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	138 733	110 772	23 705	14 178	778	8 749	4 150	106	2 141	8 229	74 287	49 753
RAILROADS	14 234	12 593	1 641	1 531	60	50	-	-	102	595	8 855	4 055
TRUCKING SERVICE AND WAREHOUSING	40 649	37 228	213	57	29	127	3 167	41	974	3 884	14 832	19 231
OTHER TRANSPORTATION	26 095	11 124	14 321	12 485	324	1 512	592	58	478	1 924	13 968	8 981
COMMUNICATIONS	21 585	21 230	253	32	167	54	102	-	297	616	11 556	8 697
UTILITIES AND SANITARY SERVICES	36 170	28 597	7 277	73	198	7 006	289	7	290	1 210	25 076	8 789
WHOLESALE TRADE	96 149	90 102	150	19	89	42	5 755	142	1 861	5 716	43 977	42 331
RETAIL TRADE	263 401	237 016	936	166	553	217	24 423	1 026	19 539	58 517	79 598	99 386
GENERAL MERCHANDISE STORES	19 896	19 591	23	17	6	-	260	22	1 044	4 120	8 999	5 174
FOOD, BAKERY, AND DAIRY STORES	44 629	40 724	119	86	9	24	3 613	173	3 030	10 086	14 883	15 609
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	56 244	51 590	76	27	13	36	4 405	173	1 762	7 505	17 329	28 335
EATING AND DRINKING PLACES	59 749	54 128	366	29	278	59	4 974	281	8 652	22 922	12 190	14 490
FINANCE, INSURANCE, AND REAL ESTATE	66 385	57 533	1 480	301	160	1 019	7 275	97	1 936	5 128	32 416	25 509
BANKING AND CREDIT AGENCIES	18 369	17 968	307	205	39	63	94	-	376	1 203	10 736	5 737
INSURANCE, REAL ESTATE, AND OTHER FINANCE	48 016	39 565	1 173	96	121	956	7 181	97	1 560	3 925	21 680	19 772
AUTOMOTIVE REPAIR AND SERVICES	23 301	17 843	331	37	41	253	4 985	142	960	3 037	9 216	9 412
OTHER BUSINESS AND REPAIR SERVICES	54 574	44 375	800	242	372	186	9 254	145	2 302	7 104	24 227	19 363
PRIVATE HOUSEHOLDS	1 227	1 122	-	-	-	-	91	14	390	301	340	176
OTHER PERSONAL SERVICES	21 310	15 124	143	8	86	49	5 881	162	1 339	3 680	7 366	8 124
ENTERTAINMENT AND RECREATION SERVICES	16 673	13 151	1 231	44	158	1 029	2 225	66	2 379	5 013	4 785	3 952
PROFESSIONAL AND RELATED SERVICES	234 408	106 802	108 934	3 042	38 609	67 283	18 576	96	15 363	27 087	106 886	80 138
HOSPITALS	32 288	23 074	8 879	1 555	4 814	2 510	335	-	641	3 016	18 294	9 641
HEALTH SERVICES, EXCEPT HOSPITALS	24 053	14 457	2 753	92	1 372	1 289	6 840	3	910	3 412	9 907	9 242
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	113 941	21 615	92 219	953	30 380	60 886	88	19	10 860	14 433	55 484	30 567
OTHER EDUCATIONAL SERVICES	2 495	1 030	1 074	59	153	862	391	-	354	633	965	506
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	25 101	20 073	3 069	197	1 669	1 203	1 885	74	1 669	3 015	8 931	11 078
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	36 530	26 553	940	186	221	533	9 037	-	929	2 578	13 305	19 104
PUBLIC ADMINISTRATION	76 341	-	76 341	14 373	20 845	41 123	-	-	1 596	3 945	49 146	19 966

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

MICHIGAN

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
WHITE												
FEMALES 16 YEARS AND OVER	1 365 214	1 046 208	264 332	24 715	70 699	168 918	44 531	10 143	123 848	357 807	675 806	156 519
AGRICULTURE	12 716	7 369	114	26	78	10	3 482	1 751	1 547	4 238	3 428	3 195
FORESTRY AND FISHERIES	438	56	371	318	50	3	6	5	18	120	266	27
MINING	1 069	1 029	-	-	-	-	21	19	56	122	709	128
CONSTRUCTION	12 354	10 279	1 134	124	247	763	544	397	1 188	2 662	6 779	1 319
MANUFACTURING	219 436	216 003	1 069	371	310	388	1 796	568	6 241	26 268	144 978	29 888
NONDURABLE GOODS	67 964	66 403	357	24	201	132	978	226	3 177	11 077	41 120	9 584
FOOD AND KINDRED PRODUCTS	12 021	11 861	55	5	27	23	62	43	484	2 340	6 583	1 869
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	6 831	6 590	24	-	-	24	211	6	226	933	4 500	709
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	17 778	16 831	215	7	159	49	578	154	1 929	4 011	8 986	2 312
CHEMICALS AND ALLIED PRODUCTS	14 092	14 034	10	-	10	-	46	2	211	1 680	9 635	2 146
DURABLE GOODS	151 472	149 600	712	347	109	256	818	342	3 064	15 191	103 858	20 304
FURNITURE, LUMBER, AND WOOD PRODUCTS	9 130	8 900	34	25	-	9	120	76	266	1 194	5 663	1 647
PRIMARY METAL INDUSTRIES	8 052	7 987	28	13	-	15	25	12	245	555	5 750	1 026
FABRICATED METAL INDUSTRIES	17 470	17 289	66	9	17	40	72	43	432	2 030	11 881	2 100
MACHINERY, EXCEPT ELECTRICAL	26 430	26 163	44	8	16	20	104	119	599	3 013	17 319	4 150
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	11 848	11 761	47	31	5	11	27	13	229	1 202	8 434	1 431
TRANSPORTATION EQUIPMENT	63 122	62 626	391	235	40	116	89	16	831	4 999	44 592	8 105
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	46 815	37 825	8 478	6 704	352	1 422	362	150	1 920	5 875	29 768	7 608
RAILROADS	1 289	1 143	146	132	14	-	-	-	-	80	1 034	100
TRUCKING SERVICE AND WAREHOUSING	5 720	5 375	80	28	22	30	187	78	329	1 095	2 899	1 144
OTHER TRANSPORTATION	14 306	6 766	7 393	6 473	190	730	113	34	1 080	2 630	7 663	2 410
COMMUNICATIONS	18 296	18 039	234	61	99	74	23	-	330	1 379	12 888	3 065
UTILITIES AND SANITARY SERVICES	7 204	6 502	625	10	27	588	39	38	181	691	5 284	889
WHOLESALE TRADE	32 201	30 671	46	22	7	17	951	533	1 800	5 803	18 356	5 328
RETAIL TRADE	311 611	293 528	1 610	333	859	418	13 080	3 393	39 374	124 428	102 883	33 535
GENERAL MERCHANDISE STORES	50 684	50 270	127	88	5	34	223	64	3 707	18 960	22 681	3 473
FOOD, BAKERY, AND DAIRY STORES	42 113	39 792	106	51	-	55	1 636	579	3 729	15 489	15 538	5 551
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	12 232	11 461	22	3	4	15	441	308	757	2 960	5 448	2 731
EATING AND DRINKING PLACES	110 184	105 775	955	126	590	239	2 671	783	17 843	52 473	25 467	10 125
FINANCE, INSURANCE, AND REAL ESTATE	99 732	94 457	2 227	1 086	467	674	2 549	499	4 398	17 444	63 814	11 184
BANKING AND CREDIT AGENCIES	49 637	47 878	1 690	1 004	314	372	56	13	1 509	8 163	33 837	4 804
INSURANCE, REAL ESTATE, AND OTHER FINANCE	50 095	46 579	537	82	153	302	2 493	486	2 889	9 281	29 977	6 380
AUTOMOTIVE REPAIR AND SERVICES	2 991	2 472	36	2	19	15	229	254	181	844	1 364	502
OTHER BUSINESS AND REPAIR SERVICES	37 723	32 829	946	93	633	220	3 429	519	3 673	10 331	17 106	5 242
PRIVATE HOUSEHOLDS	13 988	13 806	43	-	21	22	127	12	4 655	4 517	2 813	1 473
OTHER PERSONAL SERVICES	44 598	33 782	332	42	131	159	9 851	633	4 826	16 929	15 322	5 962
ENTERTAINMENT AND RECREATION SERVICES	13 695	11 779	969	71	105	793	834	113	3 010	5 267	3 547	1 343
PROFESSIONAL AND RELATED SERVICES	461 254	260 323	192 364	5 180	46 732	140 452	7 270	1 297	48 062	125 507	227 473	44 397
HOSPITALS	116 624	94 105	22 324	2 031	8 198	12 095	151	44	4 069	28 476	67 534	11 778
HEALTH SERVICES, EXCEPT HOSPITALS	81 945	71 504	8 408	303	3 161	4 944	1 391	642	5 960	27 378	38 867	7 022
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	190 633	41 968	148 529	1 953	31 076	115 500	104	32	28 552	50 153	89 619	15 761
OTHER EDUCATIONAL SERVICES	8 002	2 044	4 323	90	352	3 881	1 630	5	2 071	2 772	2 505	434
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	39 369	28 641	8 196	666	3 739	3 791	2 224	308	5 843	11 575	15 784	5 138
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	24 681	22 061	584	137	206	241	1 770	266	1 567	5 153	13 164	4 264
PUBLIC ADMINISTRATION	54 593	-	54 593	10 343	20 688	23 562	-	-	2 899	7 452	37 200	5 388

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

MICHIGAN	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
BLACK												
MALES 16 YEARS AND OVER	179 585	140 597	34 246	6 695	6 220	21 331	4 540	202	6 418	19 373	112 197	31 355
AGRICULTURE	640	415	87	28	21	38	138	-	56	139	287	109
FORESTRY AND FISHERIES	68	21	47	10	4	33	-	-	-	10	45	9
MINING	66	66	-	-	-	-	-	-	8	-	54	-
CONSTRUCTION	6 620	4 778	1 113	82	135	896	721	8	301	1 155	3 861	799
MANUFACTURING	87 185	85 617	1 309	343	136	830	238	21	1 517	5 997	59 733	13 605
NONDURABLE GOODS	8 397	8 172	100	24	26	50	117	8	219	684	5 122	1 844
FOOD AND KINDRED PRODUCTS	3 488	3 423	43	13	17	13	14	8	71	283	2 017	854
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	275	245	13	-	-	13	17	-	15	25	145	80
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	1 287	1 210	14	-	9	5	63	-	100	158	807	177
CHEMICALS AND ALLIED PRODUCTS	1 701	1 670	14	-	-	14	17	-	24	116	1 158	321
DURABLE GOODS	78 788	77 445	1 209	319	110	780	121	13	1 298	5 313	54 611	11 761
FURNITURE, LUMBER, AND WOOD PRODUCTS	1 194	1 169	25	11	-	14	-	-	38	144	643	279
PRIMARY METAL INDUSTRIES	7 432	7 311	109	37	38	34	12	-	123	522	5 041	1 255
FABRICATED METAL INDUSTRIES	3 636	3 564	63	21	13	29	9	-	69	392	2 423	576
MACHINERY, EXCEPT ELECTRICAL	5 104	5 014	69	30	7	32	21	-	66	318	3 246	1 051
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	875	863	12	-	-	12	-	-	10	69	626	157
TRANSPORTATION EQUIPMENT	57 482	56 548	885	205	46	634	36	13	921	3 637	40 575	7 915
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	14 518	7 466	6 708	3 026	226	3 456	333	11	373	1 023	9 248	3 162
RAILROADS	684	555	129	86	14	29	-	-	9	24	491	69
TRUCKING SERVICE AND WAREHOUSING	2 031	1 784	137	24	-	113	99	11	111	280	1 015	493
OTHER TRANSPORTATION	5 868	1 319	4 329	2 905	61	1 363	220	-	123	452	3 525	1 537
COMMUNICATIONS	1 944	1 902	42	-	35	7	-	-	54	70	1 153	561
UTILITIES AND SANITARY SERVICES	3 991	1 906	2 071	11	116	1 944	14	-	76	197	3 064	502
WHOLESALE TRADE	4 995	4 780	73	-	33	40	134	8	120	355	3 035	1 293
RETAIL TRADE	15 950	14 780	203	42	43	118	874	93	1 524	3 903	6 749	3 157
GENERAL MERCHANDISE STORES	1 982	1 947	13	-	-	13	8	14	145	486	973	306
FOOD, BAKERY, AND DAIRY STORES	2 432	2 261	29	16	-	13	129	13	289	456	1 166	476
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	2 142	2 018	17	-	-	17	107	-	80	380	1 004	582
EATING AND DRINKING PLACES	5 057	4 739	80	15	14	51	218	20	743	1 668	1 679	701
FINANCE, INSURANCE, AND REAL ESTATE	4 560	3 897	472	110	23	339	177	14	168	512	2 749	954
BANKING AND CREDIT AGENCIES	1 524	1 350	162	92	5	65	12	-	24	247	978	231
INSURANCE, REAL ESTATE, AND OTHER FINANCE	3 036	2 547	310	18	18	274	165	14	144	265	1 771	723
AUTOMOTIVE REPAIR AND SERVICES	1 998	1 450	130	-	14	116	411	7	74	318	1 074	434
OTHER BUSINESS AND REPAIR SERVICES	4 011	3 479	227	49	73	105	291	14	192	680	2 062	847
PRIVATE HOUSEHOLDS	186	181	-	-	-	-	5	-	37	92	48	9
OTHER PERSONAL SERVICES	2 876	2 279	73	8	15	50	512	12	169	549	1 376	648
ENTERTAINMENT AND RECREATION SERVICES	1 552	999	423	17	6	400	116	14	117	366	724	261
PROFESSIONAL AND RELATED SERVICES	22 915	10 389	11 936	783	3 119	8 034	590	-	1 560	3 503	12 988	4 270
HOSPITALS	5 757	3 339	2 391	514	913	964	27	-	145	573	3 973	922
HEALTH SERVICES, EXCEPT HOSPITALS	2 172	1 559	452	45	245	162	161	-	103	300	1 150	543
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	10 004	1 911	8 081	170	1 648	6 263	12	-	1 030	1 937	5 303	1 475
OTHER EDUCATIONAL SERVICES	320	172	123	-	31	92	25	-	33	100	163	18
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	3 332	2 517	731	23	267	441	84	-	214	493	1 771	772
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	1 330	891	158	31	15	112	281	-	35	100	628	540
PUBLIC ADMINISTRATION	11 445	-	11 445	2 197	2 372	6 876	-	-	202	771	8 164	1 798

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

MICHIGAN

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
BLACK												
FEMALES 16 YEARS AND OVER	180 367	121 685	56 238	10 593	13 728	31 917	2 229	215	10 341	35 143	108 925	15 372
AGRICULTURE	168	89	22	-	16	6	55	2	14	33	90	20
FORESTRY AND FISHERIES	2	-	2	2	-	-	-	-	-	-	2	-
MINING	21	21	-	-	-	-	-	-	-	-	21	-
CONSTRUCTION	831	545	269	83	16	170	11	6	34	85	547	78
MANUFACTURING	31 958	31 315	538	222	44	272	105	-	708	3 516	21 464	3 003
NONDURABLE GOODS	5 839	5 662	88	18	21	49	89	-	203	902	3 728	543
FOOD AND KINDRED PRODUCTS	1 423	1 403	7	-	-	7	13	-	54	263	846	158
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	841	802	-	-	-	-	39	-	33	159	523	48
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	978	923	40	18	17	5	15	-	46	189	607	83
CHEMICALS AND ALLIED PRODUCTS	1 411	1 378	33	-	4	29	-	-	23	106	1 048	127
DURABLE GOODS	26 119	25 653	450	204	23	223	16	-	505	2 614	17 736	2 460
FURNITURE, LUMBER, AND WOOD PRODUCTS	572	558	5	-	-	5	9	-	9	76	285	124
PRIMARY METAL INDUSTRIES	1 146	1 133	13	8	5	-	-	-	31	140	795	102
FABRICATED METAL INDUSTRIES	1 409	1 402	7	-	-	7	-	-	32	170	1 001	83
MACHINERY, EXCEPT ELECTRICAL	2 285	2 241	44	5	-	39	-	-	22	218	1 693	211
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	788	779	9	-	-	9	-	-	19	68	607	35
TRANSPORTATION EQUIPMENT	18 643	18 306	337	179	18	140	-	-	365	1 751	12 556	1 765
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	11 998	7 640	4 315	3 176	104	1 035	43	-	242	1 169	8 468	1 573
RAILROADS	124	112	12	12	-	-	-	-	-	37	74	8
TRUCKING SERVICE AND WAREHOUSING	442	382	52	39	-	13	8	-	17	148	226	40
OTHER TRANSPORTATION	4 320	702	3 583	3 112	31	440	35	-	101	511	2 829	685
COMMUNICATIONS	5 347	5 240	107	-	38	69	-	-	93	322	3 994	689
UTILITIES AND SANITARY SERVICES	1 765	1 204	561	13	35	513	-	-	31	151	1 345	151
WHOLESALE TRADE	2 059	2 018	23	5	18	-	18	-	78	247	1 361	249
RETAIL TRADE	19 235	18 287	360	49	96	215	460	128	1 877	6 474	7 987	1 747
GENERAL MERCHANDISE STORES	4 733	4 671	45	15	10	20	8	9	384	1 440	2 357	222
FOOD, BAKERY, AND DAIRY STORES	2 199	2 065	28	9	9	10	62	44	169	636	901	313
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	334	304	10	-	-	10	7	13	20	82	126	50
EATING AND DRINKING PLACES	6 684	6 304	240	25	64	151	113	27	742	2 686	2 317	631
FINANCE, INSURANCE, AND REAL ESTATE	11 323	10 195	1 034	468	121	445	87	7	274	1 458	8 279	885
BANKING AND CREDIT AGENCIES	6 060	5 365	695	412	93	190	-	-	104	839	4 502	421
INSURANCE, REAL ESTATE, AND OTHER FINANCE	5 263	4 830	339	56	28	255	87	7	170	619	3 777	464
AUTOMOTIVE REPAIR AND SERVICES	266	202	33	-	-	33	24	7	7	29	142	40
OTHER BUSINESS AND REPAIR SERVICES	4 013	3 439	447	62	218	167	127	-	283	973	2 159	368
PRIVATE HOUSEHOLDS	4 086	4 002	77	39	36	2	7	-	992	1 662	941	188
OTHER PERSONAL SERVICES	6 311	5 341	77	15	7	55	871	22	400	1 681	3 318	554
ENTERTAINMENT AND RECREATION SERVICES	956	570	360	15	8	337	21	5	108	269	460	51
PROFESSIONAL AND RELATED SERVICES	70 952	38 021	32 493	2 169	7 241	23 083	400	38	4 649	15 711	42 085	5 194
HOSPITALS	25 665	19 126	6 505	1 026	2 324	3 155	28	6	588	3 591	18 103	2 068
HEALTH SERVICES, EXCEPT HOSPITALS	10 519	8 577	1 877	101	691	1 085	54	11	367	1 988	6 448	1 058
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	25 762	4 608	21 150	683	3 092	17 375	4	-	3 143	8 380	11 891	1 363
OTHER EDUCATIONAL SERVICES	766	302	453	26	22	405	11	-	107	213	406	15
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	6 932	4 352	2 309	298	1 071	940	266	5	369	1 361	4 339	575
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	1 308	1 056	199	35	41	123	37	16	75	178	898	115
PUBLIC ADMINISTRATION	16 188	-	16 188	4 288	5 803	6 097	-	-	675	1 836	11 601	1 422

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

MICHIGAN	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
AMERICAN INDIAN, ESKIMO, ALEUT												
MALES 16 YEARS AND OVER	8 340	6 625	1 359	349	372	638	331	25	403	1 013	4 348	2 173
AGRICULTURE	145	106	2	2	-	-	27	10	14	17	72	33
FORESTRY AND FISHERIES	122	45	27	20	7	-	50	-	9	25	61	26
MINING	74	74	-	-	-	-	-	-	-	9	41	16
CONSTRUCTION	787	584	128	15	40	73	68	7	20	159	418	132
MANUFACTURING	3 271	3 222	12	10	2	-	37	-	66	277	1 928	793
NONDURABLE GOODS	470	464	3	3	-	-	3	-	7	60	267	125
FOOD AND KINDRED PRODUCTS	119	116	-	-	-	-	3	-	-	33	56	25
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	25	25	-	-	-	-	-	-	-	3	20	2
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	72	69	3	3	-	-	-	-	7	4	31	30
CHEMICALS AND ALLIED PRODUCTS	86	86	-	-	-	-	-	-	-	-	67	19
DURABLE GOODS	2 801	2 758	9	7	2	-	34	-	59	217	1 661	668
FURNITURE, LUMBER, AND WOOD PRODUCTS	126	115	7	7	-	-	4	-	4	12	63	38
PRIMARY METAL INDUSTRIES	340	328	-	-	-	-	12	-	12	46	202	52
FABRICATED METAL INDUSTRIES	296	294	2	-	2	-	-	-	11	24	209	50
MACHINERY, EXCEPT ELECTRICAL	494	481	-	-	-	-	13	-	2	33	206	199
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	48	48	-	-	-	-	-	-	2	10	23	13
TRANSPORTATION EQUIPMENT	1 345	1 340	-	-	-	-	5	-	23	75	888	269
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	657	527	123	51	8	64	7	-	16	70	289	248
RAILROADS	87	72	15	12	3	-	-	-	-	8	52	27
TRUCKING SERVICE AND WAREHOUSING	198	191	-	-	-	-	7	-	13	18	81	70
OTHER TRANSPORTATION	100	50	50	39	2	9	-	-	-	11	29	54
COMMUNICATIONS	85	85	-	-	-	-	-	-	-	14	17	46
UTILITIES AND SANITARY SERVICES	187	129	58	-	3	55	-	-	3	19	110	51
WHOLESALE TRADE	312	278	-	-	-	-	34	-	11	8	136	136
RETAIL TRADE	908	862	12	4	-	8	26	8	82	220	314	281
GENERAL MERCHANDISE STORES	87	85	-	-	-	-	2	-	5	17	52	8
FOOD, BAKERY, AND DAIRY STORES	131	122	4	4	-	-	5	-	20	34	43	34
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	136	134	-	-	-	-	2	-	1	16	43	74
EATING AND DRINKING PLACES	288	265	8	-	-	8	15	-	32	127	65	62
FINANCE, INSURANCE, AND REAL ESTATE	146	135	4	-	-	4	7	-	3	14	85	44
BANKING AND CREDIT AGENCIES	29	29	-	-	-	-	-	-	3	-	24	2
INSURANCE, REAL ESTATE, AND OTHER FINANCE	117	106	4	-	-	4	7	-	-	14	61	42
AUTOMOTIVE REPAIR AND SERVICES	137	110	3	-	-	3	24	-	12	10	79	29
OTHER BUSINESS AND REPAIR SERVICES	293	250	24	7	11	6	19	-	20	45	118	101
PRIVATE HOUSEHOLDS	29	29	-	-	-	-	-	-	16	5	8	-
OTHER PERSONAL SERVICES	35	33	-	-	-	-	2	-	1	11	9	14
ENTERTAINMENT AND RECREATION SERVICES	100	72	19	-	-	19	9	-	27	22	30	15
PROFESSIONAL AND RELATED SERVICES	696	298	377	35	153	189	21	-	97	98	318	158
HOSPITALS	131	72	59	16	31	12	-	-	-	19	80	23
HEALTH SERVICES, EXCEPT HOSPITALS	45	32	12	3	9	-	1	-	7	2	19	17
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	344	39	299	15	113	171	6	-	69	58	137	74
OTHER EDUCATIONAL SERVICES	23	14	5	1	-	4	4	-	-	10	13	-
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	84	74	2	-	-	2	8	-	21	9	26	18
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	69	67	-	-	-	-	2	-	-	-	43	26
PUBLIC ADMINISTRATION	628	-	628	205	151	272	-	-	9	23	442	147

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

MICHIGAN	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
AMERICAN INDIAN, ESKIMO, ALEUT												
FEMALES 16 YEARS AND OVER	5 577	3 970	1 475	364	426	685	120	12	463	1 335	2 793	682
AGRICULTURE	13	6	5	5	-	-	2	-	2	4	7	-
FORESTRY AND FISHERIES	7	-	7	5	-	2	-	-	-	-	7	-
MINING	2	2	-	-	-	-	-	-	-	-	2	-
CONSTRUCTION	50	21	29	8	8	13	-	-	6	8	26	7
MANUFACTURING	1 004	995	9	-	-	9	-	-	11	136	636	161
NONDURABLE GOODS	223	216	7	-	-	7	-	-	9	24	141	33
FOOD AND KINDRED PRODUCTS	48	41	7	-	-	7	-	-	6	11	17	6
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	26	26	-	-	-	-	-	-	-	-	14	9
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	45	45	-	-	-	-	-	-	3	5	23	9
CHEMICALS AND ALLIED PRODUCTS	42	42	-	-	-	-	-	-	-	5	35	2
DURABLE GOODS	781	779	2	-	-	2	-	-	2	112	495	128
FURNITURE, LUMBER, AND WOOD PRODUCTS	63	63	-	-	-	-	-	-	-	15	28	20
PRIMARY METAL INDUSTRIES	52	52	-	-	-	-	-	-	-	-	44	8
FABRICATED METAL INDUSTRIES	71	69	2	-	-	2	-	-	-	11	38	17
MACHINERY, EXCEPT ELECTRICAL	83	83	-	-	-	-	-	-	-	17	54	8
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	71	71	-	-	-	-	-	-	-	11	49	9
TRANSPORTATION EQUIPMENT	326	326	-	-	-	-	-	-	2	48	204	46
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	276	216	55	45	-	10	5	-	16	26	129	86
RAILROADS	-	-	-	-	-	-	-	-	-	-	-	-
TRUCKING SERVICE AND WAREHOUSING	23	23	-	-	-	-	-	-	4	-	12	7
OTHER TRANSPORTATION	110	55	55	45	-	10	-	-	4	17	30	51
COMMUNICATIONS	81	81	-	-	-	-	-	-	-	-	74	2
UTILITIES AND SANITARY SERVICES	62	57	-	-	-	-	5	-	8	9	13	26
WHOLESALE TRADE	93	81	-	-	-	-	7	5	-	20	32	34
RETAIL TRADE	1 047	1 021	4	-	4	-	15	7	163	443	296	101
GENERAL MERCHANDISE STORES	144	142	-	-	-	-	2	-	16	78	43	7
FOOD, BAKERY, AND DAIRY STORES	146	144	-	-	-	-	2	-	29	62	49	5
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	11	11	-	-	-	-	-	-	4	2	-	2
EATING AND DRINKING PLACES	536	527	4	-	4	-	5	-	76	240	129	65
FINANCE, INSURANCE, AND REAL ESTATE	254	242	12	2	10	-	-	-	12	46	143	35
BANKING AND CREDIT AGENCIES	79	79	-	-	-	-	-	-	-	24	53	2
INSURANCE, REAL ESTATE, AND OTHER FINANCE	175	163	12	2	10	-	-	-	12	22	90	33
AUTOMOTIVE REPAIR AND SERVICES	13	3	7	-	-	7	3	-	-	10	3	-
OTHER BUSINESS AND REPAIR SERVICES	138	128	3	3	-	-	7	-	12	38	70	18
PRIVATE HOUSEHOLDS	148	148	-	-	-	-	-	-	60	26	51	11
OTHER PERSONAL SERVICES	222	166	8	-	2	6	48	-	8	73	102	37
ENTERTAINMENT AND RECREATION SERVICES	31	24	7	-	7	-	-	-	-	21	10	-
PROFESSIONAL AND RELATED SERVICES	1 716	917	766	62	201	503	33	-	156	401	872	170
HOSPITALS	468	349	119	9	35	75	-	-	-	76	263	78
HEALTH SERVICES, EXCEPT HOSPITALS	361	301	51	9	8	34	9	-	11	85	186	41
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	631	107	524	33	131	360	-	-	114	191	296	15
OTHER EDUCATIONAL SERVICES	28	6	16	-	-	16	6	-	14	6	8	-
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	160	94	50	9	27	14	16	-	10	40	80	19
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	68	60	6	2	-	4	2	-	7	3	39	17
PUBLIC ADMINISTRATION	563	-	563	234	194	135	-	-	17	83	407	22

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

MICHIGAN	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
ASIAN AND PACIFIC ISLANDER												
MALES 16 YEARS AND OVER	14 341	11 382	2 184	248	1 315	621	734	41	688	1 162	7 353	4 918
AGRICULTURE	57	50	-	-	-	-	7	-	22	5	17	13
FORESTRY AND FISHERIES	2	-	2	-	-	2	-	-	-	-	2	-
MINING	7	7	-	-	-	-	-	-	-	-	7	-
CONSTRUCTION	383	339	36	14	8	14	8	-	20	12	216	135
MANUFACTURING	4 204	4 192	5	-	-	5	7	-	78	127	2 850	1 073
NONDURABLE GOODS	716	711	5	-	-	5	-	-	17	27	544	113
FOOD AND KINDRED PRODUCTS	126	126	-	-	-	-	-	-	-	5	81	40
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	42	42	-	-	-	-	-	-	-	6	32	4
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	59	59	-	-	-	-	-	-	8	12	32	7
CHEMICALS AND ALLIED PRODUCTS	384	379	5	-	-	5	-	-	9	-	333	33
DURABLE GOODS	3 488	3 481	-	-	-	-	7	-	61	100	2 306	960
FURNITURE, LUMBER, AND WOOD PRODUCTS	163	163	-	-	-	-	-	-	-	16	96	51
PRIMARY METAL INDUSTRIES	104	104	-	-	-	-	-	-	5	5	56	38
FABRICATED METAL INDUSTRIES	212	212	-	-	-	-	-	-	-	15	141	56
MACHINERY, EXCEPT ELECTRICAL	750	750	-	-	-	-	-	-	14	30	435	240
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	104	104	-	-	-	-	-	-	-	-	81	23
TRANSPORTATION EQUIPMENT	1 950	1 950	-	-	-	-	-	-	36	30	1 343	511
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	549	397	146	10	13	123	6	-	23	30	369	112
RAILROADS	30	30	-	-	-	-	-	-	-	-	17	13
TRUCKING SERVICE AND WAREHOUSING	26	26	-	-	-	-	-	-	-	19	7	-
OTHER TRANSPORTATION	97	76	15	10	5	-	6	-	-	5	92	-
COMMUNICATIONS	94	86	8	-	8	-	-	-	14	-	54	19
UTILITIES AND SANITARY SERVICES	302	179	123	-	-	123	-	-	9	6	199	80
WHOLESALE TRADE	419	385	10	3	7	-	24	-	7	26	214	172
RETAIL TRADE	2 112	1 847	-	-	-	-	224	41	105	301	743	897
GENERAL MERCHANDISE STORES	163	163	-	-	-	-	-	-	21	30	60	37
FOOD, BAKERY, AND DAIRY STORES	194	156	-	-	-	-	31	7	17	44	77	48
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	177	172	-	-	-	-	5	-	-	13	89	68
EATING AND DRINKING PLACES	1 163	1 005	-	-	-	-	124	34	42	161	340	595
FINANCE, INSURANCE, AND REAL ESTATE	342	297	5	5	-	-	40	-	16	39	155	117
BANKING AND CREDIT AGENCIES	74	74	-	-	-	-	-	-	-	11	39	24
INSURANCE, REAL ESTATE, AND OTHER FINANCE	268	223	5	5	-	-	40	-	16	28	116	93
AUTOMOTIVE REPAIR AND SERVICES	139	122	14	-	14	-	3	-	-	30	53	56
OTHER BUSINESS AND REPAIR SERVICES	284	272	6	-	6	-	6	-	7	6	215	56
PRIVATE HOUSEHOLDS	5	5	-	-	-	-	-	-	-	-	5	-
OTHER PERSONAL SERVICES	114	80	-	-	-	-	34	-	15	17	44	38
ENTERTAINMENT AND RECREATION SERVICES	92	85	-	-	-	-	7	-	14	12	27	39
PROFESSIONAL AND RELATED SERVICES	5 242	3 304	1 570	110	1 104	356	368	-	370	537	2 162	2 137
HOSPITALS	1 561	1 184	329	70	178	81	48	-	27	69	660	805
HEALTH SERVICES, EXCEPT HOSPITALS	1 213	911	25	7	13	5	277	-	16	40	387	762
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	1 543	405	1 138	25	895	218	-	-	281	372	597	265
OTHER EDUCATIONAL SERVICES	42	17	17	-	-	17	8	-	16	15	7	4
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	167	132	35	-	13	22	-	-	18	13	98	38
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	716	655	26	8	5	13	35	-	12	28	413	263
PUBLIC ADMINISTRATION	390	-	390	106	163	121	-	-	11	20	274	73

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

MICHIGAN

	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS TOTAL	GOVERNMENT WORKERS FEDERAL	GOVERNMENT WORKERS STATE	GOVERNMENT WORKERS LOCAL	SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
ASIAN AND PACIFIC ISLANDER												
FEMALES 16 YEARS AND OVER	10 621	8 156	1 962	232	868	862	354	149	868	2 084	5 769	1 583
AGRICULTURE	33	20	-	-	-	-	11	2	6	18	9	-
FORESTRY AND FISHERIES	-	-	-	-	-	-	-	-	-	-	-	-
MINING	-	-	-	-	-	-	-	-	-	-	-	-
CONSTRUCTION	39	33	6	6	-	-	-	-	6	-	33	-
MANUFACTURING	1 401	1 388	4	-	4	-	9	-	45	100	970	210
NONDURABLE GOODS	373	367	4	-	4	-	2	-	19	33	248	51
FOOD AND KINDRED PRODUCTS	67	67	-	-	-	-	-	-	4	15	45	3
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	59	57	-	-	-	-	2	-	-	8	27	15
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	42	38	4	-	4	-	-	-	9	-	23	10
CHEMICALS AND ALLIED PRODUCTS	118	118	-	-	-	-	-	-	6	6	80	18
DURABLE GOODS	1 028	1 021	-	-	-	-	7	-	26	67	722	159
FURNITURE, LUMBER, AND WOOD PRODUCTS	58	58	-	-	-	-	-	-	-	14	24	20
PRIMARY METAL INDUSTRIES	15	15	-	-	-	-	-	-	-	-	13	-
FABRICATED METAL INDUSTRIES	83	83	-	-	-	-	-	-	-	8	50	13
MACHINERY, EXCEPT ELECTRICAL	143	136	-	-	-	-	7	-	3	6	92	19
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	66	66	-	-	-	-	-	-	7	6	53	-
TRANSPORTATION EQUIPMENT	557	557	-	-	-	-	-	-	16	19	432	73
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	127	108	19	8	-	11	-	-	6	4	97	20
RAILROADS	5	5	-	-	-	-	-	-	-	-	5	-
TRUCKING SERVICE AND WAREHOUSING	-	-	-	-	-	-	-	-	-	-	-	-
OTHER TRANSPORTATION	29	21	8	8	-	-	-	-	-	-	29	-
COMMUNICATIONS	65	65	-	-	-	-	-	-	6	4	35	20
UTILITIES AND SANITARY SERVICES	28	17	11	-	-	11	-	-	-	-	28	-
WHOLESALE TRADE	87	74	-	-	-	-	13	-	-	9	56	19
RETAIL TRADE	2 003	1 725	29	13	9	7	105	144	236	659	666	413
GENERAL MERCHANDISE STORES	237	230	-	-	-	-	-	7	21	79	123	7
FOOD, BAKERY, AND DAIRY STORES	144	130	-	-	-	-	2	12	23	48	38	35
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	40	34	-	-	-	-	-	6	-	5	20	13
EATING AND DRINKING PLACES	1 201	1 037	22	13	9	-	48	94	134	454	336	263
FINANCE, INSURANCE, AND REAL ESTATE	414	382	18	18	-	-	14	-	2	36	311	32
BANKING AND CREDIT AGENCIES	181	176	5	5	-	-	-	-	-	18	144	3
INSURANCE, REAL ESTATE, AND OTHER FINANCE	233	206	13	13	-	-	14	-	2	18	167	29
AUTOMOTIVE REPAIR AND SERVICES	8	8	-	-	-	-	-	-	-	8	-	-
OTHER BUSINESS AND REPAIR SERVICES	310	264	13	-	13	-	33	-	32	122	138	7
PRIVATE HOUSEHOLDS	58	58	-	-	-	-	-	-	12	18	21	2
OTHER PERSONAL SERVICES	311	245	6	6	-	-	60	-	21	120	124	37
ENTERTAINMENT AND RECREATION SERVICES	47	47	-	-	-	-	-	-	14	31	2	-
PROFESSIONAL AND RELATED SERVICES	5 525	3 804	1 609	112	718	779	109	3	468	938	3 171	805
HOSPITALS	2 992	2 464	521	59	220	242	7	-	56	362	2 002	512
HEALTH SERVICES, EXCEPT HOSPITALS	825	664	91	6	29	56	67	3	41	171	456	136
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	1 324	393	931	42	458	431	-	-	303	335	541	94
OTHER EDUCATIONAL SERVICES	49	23	16	-	-	16	10	-	19	15	15	-
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	173	119	48	5	9	34	6	-	37	40	94	-
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	162	141	2	-	2	-	19	-	12	15	63	63
PUBLIC ADMINISTRATION	258	-	258	69	124	65	-	-	20	21	171	38

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

MICHIGAN

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
SPANISH ORIGIN												
MALES 16 YEARS AND OVER	29 852	25 192	3 536	551	1 120	1 865	1 075	49	1 235	3 329	16 646	7 422
AGRICULTURE	746	705	3	-	-	3	38	-	51	162	253	253
FORESTRY AND FISHERIES	29	7	22	17	-	5	-	-	-	-	27	2
MINING	62	55	-	-	-	-	7	-	-	8	35	14
CONSTRUCTION	1 283	1 005	127	14	15	98	142	9	73	241	656	197
MANUFACTURING	14 893	14 662	147	14	21	112	84	-	228	860	9 544	3 560
NONDURABLE GOODS	2 211	2 153	27	-	-	27	31	-	69	106	1 495	485
FOOD AND KINDRED PRODUCTS	835	796	27	-	-	27	12	-	9	23	548	237
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	92	92	-	-	-	-	-	-	-	10	68	14
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	215	213	-	-	-	-	2	-	40	43	82	50
CHEMICALS AND ALLIED PRODUCTS	603	596	-	-	-	-	7	-	14	14	455	99
DURABLE GOODS	12 682	12 509	120	14	21	85	53	-	159	754	8 049	3 075
FURNITURE, LUMBER, AND WOOD PRODUCTS	447	445	-	-	-	-	2	-	-	48	228	134
PRIMARY METAL INDUSTRIES	1 816	1 780	26	-	13	13	10	-	43	127	1 180	383
FABRICATED METAL INDUSTRIES	969	952	12	-	7	5	5	-	28	61	569	259
MACHINERY, EXCEPT ELECTRICAL	1 404	1 385	13	2	-	11	6	-	26	71	756	514
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	226	226	-	-	-	-	-	-	-	-	195	31
TRANSPORTATION EQUIPMENT	7 252	7 178	60	12	1	47	14	-	58	426	4 766	1 570
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	1 722	1 257	443	233	6	204	22	-	30	98	1 072	473
RAILROADS	310	243	67	58	-	9	-	-	-	6	232	64
TRUCKING SERVICE AND WAREHOUSING	494	483	-	-	-	-	11	-	21	57	215	185
OTHER TRANSPORTATION	312	105	200	175	6	19	7	-	-	22	215	75
COMMUNICATIONS	231	223	8	-	-	8	-	-	-	7	135	84
UTILITIES AND SANITARY SERVICES	375	203	168	-	-	168	4	-	9	6	275	65
WHOLESALE TRADE	959	933	6	-	-	6	20	-	10	101	537	299
RETAIL TRADE	3 551	3 267	24	4	-	20	240	20	276	865	1 421	835
GENERAL MERCHANDISE STORES	312	312	-	-	-	-	-	-	16	72	147	69
FOOD, BAKERY, AND DAIRY STORES	637	550	4	4	-	-	73	10	28	119	258	167
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	529	488	-	-	-	-	31	10	40	74	204	184
EATING AND DRINKING PLACES	1 267	1 196	20	-	-	20	51	-	140	445	477	175
FINANCE, INSURANCE, AND REAL ESTATE	489	468	16	-	5	11	5	-	28	77	195	184
BANKING AND CREDIT AGENCIES	151	151	-	-	-	-	-	-	-	47	66	38
INSURANCE, REAL ESTATE, AND OTHER FINANCE	338	317	16	-	5	11	5	-	28	30	129	146
AUTOMOTIVE REPAIR AND SERVICES	363	280	10	2	8	-	64	9	23	55	154	113
OTHER BUSINESS AND REPAIR SERVICES	602	511	9	9	-	-	73	9	35	111	280	176
PRIVATE HOUSEHOLDS	14	14	-	-	-	-	-	-	12	-	2	-
OTHER PERSONAL SERVICES	329	212	-	-	-	-	117	-	21	65	121	107
ENTERTAINMENT AND RECREATION SERVICES	229	161	23	6	-	17	45	-	47	58	72	52
PROFESSIONAL AND RELATED SERVICES	3 375	1 655	1 500	81	651	768	218	2	369	519	1 456	950
HOSPITALS	688	487	170	33	111	26	31	-	24	52	337	253
HEALTH SERVICES, EXCEPT HOSPITALS	449	320	50	-	24	26	79	-	5	31	149	248
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	1 530	349	1 181	40	497	644	-	-	280	354	625	240
OTHER EDUCATIONAL SERVICES	46	20	20	-	-	20	6	-	7	6	28	5
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	354	263	57	8	8	41	32	2	42	48	147	105
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	308	216	22	-	11	11	70	-	11	28	170	99
PUBLIC ADMINISTRATION	1 206	-	1 206	171	414	621	-	-	32	109	821	207

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

MICHIGAN	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
SPANISH ORIGIN												
FEMALES 16 YEARS AND OVER	20 617	15 595	4 545	759	1 354	2 432	424	53	1 760	5 048	10 756	2 022
AGRICULTURE	353	325	4	-	-	4	20	4	12	136	131	63
FORESTRY AND FISHERIES	-	-	-	-	-	-	-	-	-	-	-	-
MINING	-	-	-	-	-	-	-	-	-	-	-	-
CONSTRUCTION	127	90	37	13	7	17	-	-	14	14	75	24
MANUFACTURING	4 362	4 304	34	9	13	12	17	7	149	505	2 872	470
NONDURABLE GOODS	1 336	1 324	6	-	-	6	6	-	83	187	861	151
FOOD AND KINDRED PRODUCTS	461	461	-	-	-	-	-	-	24	45	315	55
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	192	186	-	-	-	-	6	-	-	38	110	32
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	218	212	6	-	-	6	-	-	45	63	100	7
CHEMICALS AND ALLIED PRODUCTS	223	223	-	-	-	-	-	-	7	15	162	32
DURABLE GOODS	3 026	2 980	28	9	13	6	11	7	66	318	2 011	319
FURNITURE, LUMBER, AND WOOD PRODUCTS	242	242	-	-	-	-	-	-	-	9	127	56
PRIMARY METAL INDUSTRIES	187	185	2	-	-	2	-	-	6	5	158	11
FABRICATED METAL INDUSTRIES	298	293	-	-	-	-	5	-	2	53	198	28
MACHINERY, EXCEPT ELECTRICAL	365	348	4	-	-	4	6	7	-	66	252	40
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	149	149	-	-	-	-	-	-	4	13	109	13
TRANSPORTATION EQUIPMENT	1 502	1 480	22	9	13	-	-	-	32	144	978	156
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	711	582	129	109	-	20	-	-	21	56	501	117
RAILROADS	46	35	11	11	-	-	-	-	-	-	38	8
TRUCKING SERVICE AND WAREHOUSING	73	73	-	-	-	-	-	-	19	13	22	14
OTHER TRANSPORTATION	218	115	103	98	-	5	-	-	-	23	174	21
COMMUNICATIONS	296	296	-	-	-	-	-	-	-	20	212	53
UTILITIES AND SANITARY SERVICES	78	63	15	-	-	15	-	-	2	-	55	21
WHOLESALE TRADE	338	322	11	11	-	-	5	-	21	60	203	34
RETAIL TRADE	3 898	3 714	-	-	-	-	158	26	525	1 586	1 242	380
GENERAL MERCHANDISE STORES	611	611	-	-	-	-	-	-	45	246	228	62
FOOD, BAKERY, AND DAIRY STORES	410	395	-	-	-	-	9	6	50	125	208	27
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	95	89	-	-	-	-	6	-	-	37	48	3
EATING AND DRINKING PLACES	1 765	1 707	-	-	-	-	48	10	291	819	427	150
FINANCE, INSURANCE, AND REAL ESTATE	1 250	1 166	83	22	-	61	1	-	59	203	813	135
BANKING AND CREDIT AGENCIES	621	571	50	22	-	28	-	-	30	89	414	57
INSURANCE, REAL ESTATE, AND OTHER FINANCE	629	595	33	-	-	33	1	-	29	114	399	78
AUTOMOTIVE REPAIR AND SERVICES	62	56	-	-	-	-	-	6	-	32	24	6
OTHER BUSINESS AND REPAIR SERVICES	534	447	43	11	18	14	44	-	33	126	236	102
PRIVATE HOUSEHOLDS	267	267	-	-	-	-	-	-	67	103	67	30
OTHER PERSONAL SERVICES	732	597	11	5	-	6	124	-	36	249	355	58
ENTERTAINMENT AND RECREATION SERVICES	193	164	29	-	-	29	-	-	12	78	56	36
PROFESSIONAL AND RELATED SERVICES	6 596	3 561	2 970	259	878	1 833	55	10	779	1 717	3 337	482
HOSPITALS	1 661	1 246	404	80	163	161	9	2	53	287	1 096	138
HEALTH SERVICES, EXCEPT HOSPITALS	1 081	931	129	9	51	69	13	8	57	344	508	121
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	2 747	754	1 993	64	559	1 370	-	-	556	845	1 124	113
OTHER EDUCATIONAL SERVICES	120	23	77	17	12	48	20	-	29	51	34	6
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	809	470	326	66	92	168	13	-	68	136	502	80
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	178	137	41	23	1	17	-	-	16	54	73	24
PUBLIC ADMINISTRATION	1 194	-	1 194	320	438	436	-	-	32	183	844	85

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

ANN ARBOR, MI SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
MALES 16 YEARS AND OVER	70 268	49 645	16 385	1 833	10 239	4 313	4 098	140	4 728	9 259	30 987	23 512
AGRICULTURE	1 198	540	7	-	7	-	605	46	91	178	233	677
FORESTRY AND FISHERIES	19	6	13	7	-	6	-	-	-	-	13	6
MINING	89	65	-	-	-	-	24	-	-	15	41	33
CONSTRUCTION	4 073	3 247	266	-	72	194	560	-	182	559	2 127	999
MANUFACTURING	21 080	20 743	88	34	24	30	249	-	296	1 181	11 633	7 295
NONDURABLE GOODS	2 888	2 752	30	-	24	6	106	-	134	264	1 342	1 090
FOOD AND KINDRED PRODUCTS	340	338	-	-	-	-	2	-	-	39	130	171
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	48	44	-	-	-	-	4	-	-	4	23	14
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	1 512	1 393	30	-	24	6	89	-	128	202	636	527
CHEMICALS AND ALLIED PRODUCTS	480	474	-	-	-	-	6	-	6	12	275	181
DURABLE GOODS	18 192	17 991	58	34	-	24	143	-	162	917	10 291	6 205
FURNITURE, LUMBER, AND WOOD PRODUCTS	141	108	-	-	-	-	33	-	2	27	68	29
PRIMARY METAL INDUSTRIES	470	458	-	-	-	-	12	-	16	39	277	134
FABRICATED METAL INDUSTRIES	921	906	13	7	-	6	2	-	6	57	526	315
MACHINERY, EXCEPT ELECTRICAL	3 096	3 066	7	7	-	-	23	-	61	162	1 437	1 358
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	656	637	7	7	-	-	12	-	8	54	338	234
TRANSPORTATION EQUIPMENT	11 934	11 886	31	13	-	18	17	-	60	518	7 109	3 777
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	3 489	2 573	781	374	72	335	135	-	71	300	1 801	1 272
RAILROADS	73	60	13	6	-	7	-	-	-	-	46	27
TRUCKING SERVICE AND WAREHOUSING	689	607	4	-	-	4	78	-	22	70	216	358
OTHER TRANSPORTATION	1 366	849	490	364	17	109	27	-	28	166	707	455
COMMUNICATIONS	533	464	51	4	47	-	18	-	21	32	242	238
UTILITIES AND SANITARY SERVICES	828	593	223	-	8	215	12	-	-	32	590	194
WHOLESALE TRADE	1 578	1 497	-	-	-	-	81	-	32	149	695	649
RETAIL TRADE	8 618	7 878	64	-	57	7	653	23	760	2 211	2 425	3 034
GENERAL MERCHANDISE STORES	594	594	-	-	-	-	-	-	12	109	331	136
FOOD, BAKERY, AND DAIRY STORES	937	877	7	-	7	-	53	-	70	308	290	261
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	1 530	1 381	-	-	-	-	145	4	27	189	476	804
EATING AND DRINKING PLACES	2 661	2 426	51	-	44	7	176	8	399	991	560	622
FINANCE, INSURANCE, AND REAL ESTATE	2 214	1 960	30	13	-	17	224	-	132	256	912	843
BANKING AND CREDIT AGENCIES	460	460	-	-	-	-	-	-	11	59	213	162
INSURANCE, REAL ESTATE, AND OTHER FINANCE	1 754	1 500	30	13	-	17	224	-	121	197	699	681
AUTOMOTIVE REPAIR AND SERVICES	548	420	28	-	-	28	86	14	42	56	174	257
OTHER BUSINESS AND REPAIR SERVICES	3 324	2 911	69	11	50	8	316	28	170	446	1 439	1 184
PRIVATE HOUSEHOLDS	57	57	-	-	-	-	-	-	13	23	21	-
OTHER PERSONAL SERVICES	694	549	7	-	7	-	130	8	82	177	224	204
ENTERTAINMENT AND RECREATION SERVICES	776	567	50	-	19	31	138	21	169	282	135	152
PROFESSIONAL AND RELATED SERVICES	20 128	6 632	12 599	604	9 539	2 456	897	-	2 560	3 212	7 789	6 227
HOSPITALS	3 419	1 567	1 835	366	1 410	59	17	-	149	368	1 613	1 238
HEALTH SERVICES, EXCEPT HOSPITALS	1 174	608	194	13	130	51	372	-	95	153	439	460
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	12 243	1 991	10 243	146	7 810	2 287	9	-	1 932	2 243	4 617	3 213
OTHER EDUCATIONAL SERVICES	165	80	47	12	22	13	38	-	52	62	38	13
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	1 160	926	178	14	124	40	56	-	156	170	370	447
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	1 967	1 460	102	53	43	6	405	-	176	216	712	856
PUBLIC ADMINISTRATION	2 383	-	2 383	790	392	1 201	-	-	128	214	1 325	680

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

ANN ARBOR, MI SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
FEMALES 16 YEARS AND OVER	58 286	37 199	19 086	1 464	11 369	6 253	1 727	274	7 083	14 671	26 623	7 951
AGRICULTURE	312	203	-	-	-	-	68	41	18	126	52	109
FORESTRY AND FISHERIES	15	6	9	7	2	-	-	-	-	7	8	-
MINING	23	19	-	-	-	-	-	4	-	10	8	5
CONSTRUCTION	370	324	19	-	8	11	24	3	37	37	254	42
MANUFACTURING	7 560	7 336	45	18	12	15	153	26	266	893	4 654	1 249
NONDURABLE GOODS	2 176	2 055	12	-	12	-	103	6	138	368	1 240	361
FOOD AND KINDRED PRODUCTS	109	103	-	-	-	-	-	6	9	23	50	27
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	22	14	-	-	-	-	8	-	5	3	14	-
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	1 405	1 312	12	-	12	-	81	-	90	274	744	258
CHEMICALS AND ALLIED PRODUCTS	242	234	-	-	-	-	8	-	15	29	182	8
DURABLE GOODS	5 384	5 281	33	18	-	15	50	20	128	525	3 414	888
FURNITURE, LUMBER, AND WOOD PRODUCTS	50	39	-	-	-	-	11	-	-	11	39	-
PRIMARY METAL INDUSTRIES	73	66	-	-	-	-	-	7	-	13	54	6
FABRICATED METAL INDUSTRIES	321	321	-	-	-	-	-	-	27	45	200	43
MACHINERY, EXCEPT ELECTRICAL	982	969	-	-	-	-	-	13	21	99	600	214
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	312	310	-	-	-	-	2	-	-	33	196	67
TRANSPORTATION EQUIPMENT	3 184	3 151	33	18	-	15	-	-	37	255	2 047	493
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	1 259	887	349	208	32	109	23	-	64	207	723	241
RAILROADS	6	6	-	-	-	-	-	-	-	-	6	-
TRUCKING SERVICE AND WAREHOUSING	95	79	-	-	-	-	16	-	9	25	50	6
OTHER TRANSPORTATION	606	297	302	208	25	69	7	-	35	135	278	158
COMMUNICATIONS	424	417	7	-	7	-	-	-	20	47	279	66
UTILITIES AND SANITARY SERVICES	128	88	40	-	-	40	-	-	-	-	110	11
WHOLESALE TRADE	601	584	-	-	-	-	17	-	43	126	270	155
RETAIL TRADE	9 578	9 084	179	12	148	19	246	69	1 576	3 987	2 525	1 209
GENERAL MERCHANDISE STORES	1 311	1 304	-	-	-	-	-	7	136	575	450	131
FOOD, BAKERY, AND DAIRY STORES	1 028	1 001	-	-	-	-	21	6	129	371	316	179
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	329	294	-	-	-	-	26	9	15	55	127	120
EATING AND DRINKING PLACES	3 940	3 766	132	12	117	3	39	3	791	1 880	804	336
FINANCE, INSURANCE, AND REAL ESTATE	2 811	2 627	76	21	21	34	101	7	162	489	1 644	463
BANKING AND CREDIT AGENCIES	1 412	1 375	37	21	7	9	-	-	50	247	843	252
INSURANCE, REAL ESTATE, AND OTHER FINANCE	1 399	1 252	39	-	14	25	101	7	112	242	801	211
AUTOMOTIVE REPAIR AND SERVICES	85	65	-	-	-	-	-	20	4	20	30	23
OTHER BUSINESS AND REPAIR SERVICES	2 105	1 770	103	23	69	11	216	16	208	463	984	376
PRIVATE HOUSEHOLDS	585	579	-	-	-	-	-	6	253	164	114	39
OTHER PERSONAL SERVICES	1 428	1 064	57	-	45	12	300	7	134	506	483	251
ENTERTAINMENT AND RECREATION SERVICES	469	365	77	-	45	32	27	-	179	154	96	31
PROFESSIONAL AND RELATED SERVICES	29 474	12 286	16 561	739	10 533	5 289	552	75	4 087	7 200	13 703	3 572
HOSPITALS	7 742	4 578	3 153	486	2 441	226	5	6	400	1 454	4 503	1 059
HEALTH SERVICES, EXCEPT HOSPITALS	2 886	2 320	393	4	165	224	126	47	229	858	1 362	379
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	15 018	2 809	12 193	195	7 575	4 423	12	4	2 880	3 797	6 363	1 589
OTHER EDUCATIONAL SERVICES	541	172	258	13	63	182	111	-	150	156	187	25
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	2 055	1 404	470	33	215	222	174	7	286	593	783	316
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	1 232	1 003	94	8	74	12	124	11	142	342	505	204
PUBLIC ADMINISTRATION	1 611	-	1 611	436	454	721	-	-	52	282	1 075	186

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

ANN ARBOR, MI SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
WHITE												
MALES 16 YEARS AND OVER	63 119	44 754	14 284	1 576	9 086	3 622	3 966	115	4 269	8 233	27 170	21 932
AGRICULTURE	1 184	528	7	-	7	-	603	46	83	178	233	677
FORESTRY AND FISHERIES	19	6	13	7	-	6	-	-	-	-	13	6
MINING	83	59	-	-	-	-	24	-	-	15	35	33
CONSTRUCTION	3 769	2 984	225	-	67	158	560	-	177	525	1 956	940
MANUFACTURING	18 724	18 393	88	34	24	30	243	-	268	1 019	10 115	6 764
NONDURABLE GOODS	2 690	2 554	30	-	24	6	106	-	126	250	1 234	1 028
FOOD AND KINDRED PRODUCTS	305	303	-	-	-	-	2	-	-	39	117	149
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	44	40	-	-	-	-	4	-	-	-	23	14
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	1 430	1 311	30	-	24	6	89	-	120	196	582	513
CHEMICALS AND ALLIED PRODUCTS	441	435	-	-	-	-	6	-	6	12	248	175
DURABLE GOODS	16 034	15 839	58	34	-	24	137	-	142	769	8 881	5 736
FURNITURE, LUMBER, AND WOOD PRODUCTS	136	103	-	-	-	-	33	-	2	27	68	29
PRIMARY METAL INDUSTRIES	418	406	-	-	-	-	12	-	11	39	230	134
FABRICATED METAL INDUSTRIES	858	843	13	7	-	6	2	-	6	51	501	283
MACHINERY, EXCEPT ELECTRICAL	2 945	2 915	7	7	-	-	23	-	61	162	1 343	1 301
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	617	598	7	7	-	-	12	-	8	54	315	225
TRANSPORTATION EQUIPMENT	10 171	10 129	31	13	-	18	11	-	45	381	5 936	3 438
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	3 144	2 400	621	318	69	234	123	-	67	277	1 585	1 184
RAILROADS	66	60	6	6	-	-	-	-	-	-	39	27
TRUCKING SERVICE AND WAREHOUSING	664	590	-	-	-	-	74	-	18	70	206	347
OTHER TRANSPORTATION	1 244	811	408	308	14	86	25	-	28	143	637	432
COMMUNICATIONS	505	436	51	4	47	-	18	-	21	32	231	221
UTILITIES AND SANITARY SERVICES	665	503	156	-	8	148	6	-	-	32	472	157
WHOLESALE TRADE	1 526	1 451	-	-	-	-	75	-	32	149	678	621
RETAIL TRADE	7 882	7 178	64	-	57	7	628	12	690	1 977	2 147	2 895
GENERAL MERCHANDISE STORES	484	484	-	-	-	-	-	-	12	102	247	117
FOOD, BAKERY, AND DAIRY STORES	865	805	7	-	7	-	53	-	62	271	268	256
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	1 485	1 338	-	-	-	-	143	4	27	180	447	797
EATING AND DRINKING PLACES	2 278	2 064	51	-	44	7	160	3	350	864	441	546
FINANCE, INSURANCE, AND REAL ESTATE	2 075	1 831	24	13	-	11	220	-	126	245	840	805
BANKING AND CREDIT AGENCIES	427	427	-	-	-	-	-	-	11	53	192	156
INSURANCE, REAL ESTATE, AND OTHER FINANCE	1 648	1 404	24	13	-	11	220	-	115	192	648	649
AUTOMOTIVE REPAIR AND SERVICES	503	395	21	-	-	21	73	14	38	56	156	241
OTHER BUSINESS AND REPAIR SERVICES	3 111	2 718	56	11	45	-	309	28	156	429	1 316	1 138
PRIVATE HOUSEHOLDS	43	43	-	-	-	-	-	-	13	23	7	-
OTHER PERSONAL SERVICES	604	464	7	-	7	-	125	8	68	162	188	179
ENTERTAINMENT AND RECREATION SERVICES	695	517	45	-	19	26	126	7	152	248	127	130
PROFESSIONAL AND RELATED SERVICES	17 642	5 787	10 998	466	8 449	2 083	857	-	2 271	2 768	6 565	5 739
HOSPITALS	2 884	1 386	1 486	264	1 180	42	12	-	143	313	1 280	1 108
HEALTH SERVICES, EXCEPT HOSPITALS	1 033	517	169	6	112	51	347	-	79	147	383	397
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	10 795	1 707	9 079	123	7 005	1 951	9	-	1 713	1 907	3 942	3 014
OTHER EDUCATIONAL SERVICES	158	73	47	12	22	13	38	-	52	62	31	13
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	978	799	126	14	92	20	53	-	131	132	291	418
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	1 794	1 305	91	47	38	6	398	-	153	207	638	789
PUBLIC ADMINISTRATION	2 115	-	2 115	727	342	1 046	-	-	128	162	1 209	580

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

ANN ARBOR, MI SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
WHITE												
FEMALES 16 YEARS AND OVER	51 489	32 966	16 644	1 155	9 980	5 509	1 638	241	6 339	13 300	23 026	7 182
AGRICULTURE	312	203	-	-	-	-	68	41	18	126	52	109
FORESTRY AND FISHERIES	15	6	9	7	2	-	-	-	-	7	8	-
MINING	23	19	-	-	-	-	-	4	-	10	8	5
CONSTRUCTION	348	308	13	-	8	5	24	3	37	37	232	42
MANUFACTURING	6 456	6 244	33	14	12	7	153	26	239	780	3 979	1 094
NONDURABLE GOODS	2 026	1 905	12	-	12	-	103	6	111	364	1 135	353
FOOD AND KINDRED PRODUCTS	101	95	-	-	-	-	-	6	9	23	42	27
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	22	14	-	-	-	-	8	-	5	3	14	-
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	1 307	1 214	12	-	12	-	81	-	71	274	679	250
CHEMICALS AND ALLIED PRODUCTS	224	216	-	-	-	-	8	-	15	25	168	8
DURABLE GOODS	4 430	4 339	21	14	-	7	50	20	128	416	2 844	741
FURNITURE, LUMBER, AND WOOD PRODUCTS	50	39	-	-	-	-	11	-	-	11	39	-
PRIMARY METAL INDUSTRIES	46	39	-	-	-	-	-	7	-	7	33	6
FABRICATED METAL INDUSTRIES	321	321	-	-	-	-	-	-	27	45	200	43
MACHINERY, EXCEPT ELECTRICAL	906	893	-	-	-	-	-	13	21	91	559	195
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	302	300	-	-	-	-	2	-	-	33	186	67
TRANSPORTATION EQUIPMENT	2 367	2 346	21	14	-	7	-	-	37	160	1 560	378
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	1 106	784	299	179	27	93	23	-	53	201	623	211
RAILROADS	6	6	-	-	-	-	-	-	-	-	6	-
TRUCKING SERVICE AND WAREHOUSING	92	76	-	-	-	-	16	-	9	25	47	6
OTHER TRANSPORTATION	542	276	259	179	20	60	7	-	30	129	250	133
COMMUNICATIONS	356	349	7	-	7	-	-	-	14	47	228	61
UTILITIES AND SANITARY SERVICES	110	77	33	-	-	33	-	-	-	-	92	11
WHOLESALE TRADE	565	548	-	-	-	-	17	-	43	126	254	142
RETAIL TRADE	8 882	8 439	161	6	139	16	233	49	1 457	3 698	2 325	1 130
GENERAL MERCHANDISE STORES	1 169	1 169	-	-	-	-	-	-	125	506	407	115
FOOD, BAKERY, AND DAIRY STORES	958	931	-	-	-	-	21	6	129	336	286	174
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	322	287	-	-	-	-	26	9	15	55	120	120
EATING AND DRINKING PLACES	3 626	3 470	114	6	108	-	39	3	716	1 750	725	306
FINANCE, INSURANCE, AND REAL ESTATE	2 596	2 445	48	14	15	19	96	7	147	457	1 499	442
BANKING AND CREDIT AGENCIES	1 295	1 265	30	14	7	9	-	-	50	229	762	236
INSURANCE, REAL ESTATE, AND OTHER FINANCE	1 301	1 180	18	-	8	10	96	7	97	228	737	206
AUTOMOTIVE REPAIR AND SERVICES	78	65	-	-	-	-	-	13	4	13	30	23
OTHER BUSINESS AND REPAIR SERVICES	1 942	1 646	76	23	42	11	204	16	191	434	912	336
PRIVATE HOUSEHOLDS	439	433	-	-	-	-	-	6	208	133	62	33
OTHER PERSONAL SERVICES	1 247	907	57	-	45	12	276	7	122	458	401	218
ENTERTAINMENT AND RECREATION SERVICES	441	345	69	-	37	32	27	-	158	147	96	31
PROFESSIONAL AND RELATED SERVICES	25 702	10 574	14 542	541	9 312	4 689	517	69	3 610	6 418	11 690	3 207
HOSPITALS	6 418	3 802	2 611	361	2 082	168	5	-	341	1 255	3 589	953
HEALTH SERVICES, EXCEPT HOSPITALS	2 575	2 068	339	4	154	181	121	47	206	773	1 192	358
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	13 234	2 352	10 866	140	6 769	3 957	12	4	2 539	3 387	5 567	1 407
OTHER EDUCATIONAL SERVICES	491	149	237	6	56	175	105	-	138	149	156	25
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	1 848	1 276	408	22	190	196	157	7	271	523	715	278
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	1 136	927	81	8	61	12	117	11	115	331	471	186
PUBLIC ADMINISTRATION	1 337	-	1 337	371	341	625	-	-	52	255	855	159

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

ANN ARBOR, MI SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
BLACK												
MALES 16 YEARS AND OVER	5 133	3 600	1 423	211	608	604	90	20	244	643	2 920	1 109
AGRICULTURE	2	-	-	-	-	-	2	-	2	-	-	-
FORESTRY AND FISHERIES	-	-	-	-	-	-	-	-	-	-	-	-
MINING	6	6	-	-	-	-	-	-	-	-	6	-
CONSTRUCTION	165	131	34	-	5	29	-	-	-	32	106	-
MANUFACTURING	1 940	1 934	-	-	-	-	6	-	7	146	1 243	435
NONDURABLE GOODS	105	105	-	-	-	-	-	-	-	4	57	38
FOOD AND KINDRED PRODUCTS	19	19	-	-	-	-	-	-	-	-	5	14
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	4	4	-	-	-	-	-	-	-	4	-	-
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	36	36	-	-	-	-	-	-	-	-	30	6
CHEMICALS AND ALLIED PRODUCTS	27	27	-	-	-	-	-	-	-	-	15	6
DURABLE GOODS	1 835	1 829	-	-	-	-	6	-	7	142	1 186	397
FURNITURE, LUMBER, AND WOOD PRODUCTS	-	-	-	-	-	-	-	-	-	-	-	-
PRIMARY METAL INDUSTRIES	41	41	-	-	-	-	-	-	-	-	41	-
FABRICATED METAL INDUSTRIES	50	50	-	-	-	-	-	-	-	6	19	25
MACHINERY, EXCEPT ELECTRICAL	106	106	-	-	-	-	-	-	-	-	61	45
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	33	33	-	-	-	-	-	-	-	-	17	9
TRANSPORTATION EQUIPMENT	1 542	1 536	-	-	-	-	6	-	7	131	1 022	286
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	283	125	148	44	3	101	10	-	4	21	194	50
RAILROADS	7	-	7	-	-	7	-	-	-	-	7	-
TRUCKING SERVICE AND WAREHOUSING	25	17	4	-	-	4	4	-	4	-	10	11
OTHER TRANSPORTATION	108	38	70	44	3	23	-	-	-	21	65	16
COMMUNICATIONS	22	22	-	-	-	-	-	-	-	-	5	17
UTILITIES AND SANITARY SERVICES	121	48	67	-	-	67	6	-	-	-	107	6
WHOLESALE TRADE	27	27	-	-	-	-	-	-	-	-	11	16
RETAIL TRADE	521	503	-	-	-	-	12	6	64	140	200	102
GENERAL MERCHANDISE STORES	106	106	-	-	-	-	-	-	-	7	80	19
FOOD, BAKERY, AND DAIRY STORES	38	38	-	-	-	-	-	-	8	9	16	5
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	16	16	-	-	-	-	-	-	-	-	16	-
EATING AND DRINKING PLACES	264	252	-	-	-	-	12	-	43	86	71	52
FINANCE, INSURANCE, AND REAL ESTATE	125	115	6	-	-	6	4	-	6	11	70	30
BANKING AND CREDIT AGENCIES	31	31	-	-	-	-	-	-	-	6	19	6
INSURANCE, REAL ESTATE, AND OTHER FINANCE	94	84	6	-	-	6	4	-	6	5	51	24
AUTOMOTIVE REPAIR AND SERVICES	31	11	7	-	-	7	13	-	-	-	18	6
OTHER BUSINESS AND REPAIR SERVICES	152	132	13	-	5	8	7	-	14	17	71	37
PRIVATE HOUSEHOLDS	14	14	-	-	-	-	-	-	-	-	14	-
OTHER PERSONAL SERVICES	73	68	-	-	-	-	5	-	14	9	25	25
ENTERTAINMENT AND RECREATION SERVICES	53	31	5	-	-	5	3	14	-	23	8	22
PROFESSIONAL AND RELATED SERVICES	1 510	503	979	115	545	319	28	-	133	211	850	292
HOSPITALS	373	117	251	96	144	11	5	-	6	38	246	72
HEALTH SERVICES, EXCEPT HOSPITALS	93	55	25	7	18	-	13	-	11	-	48	34
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	827	174	653	6	351	296	-	-	86	134	477	122
OTHER EDUCATIONAL SERVICES	-	-	-	-	-	-	-	-	-	-	-	-
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	144	97	44	-	32	12	3	-	14	30	66	29
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	73	60	6	6	-	-	7	-	16	9	13	35
PUBLIC ADMINISTRATION	231	-	231	52	50	129	-	-	-	33	104	94

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

ANN ARBOR, MI SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
BLACK												
FEMALES 16 YEARS AND OVER	5 404	3 332	1 979	265	1 016	698	67	26	538	1 096	2 917	589
AGRICULTURE	-	-	-	-	-	-	-	-	-	-	-	-
FORESTRY AND FISHERIES	-	-	-	-	-	-	-	-	-	-	-	-
MINING	-	-	-	-	-	-	-	-	-	-	-	-
CONSTRUCTION	19	13	6	-	-	6	-	-	-	-	19	-
MANUFACTURING	965	953	12	4	-	8	-	-	22	104	569	136
NONDURABLE GOODS	123	123	-	-	-	-	-	-	22	-	87	8
FOOD AND KINDRED PRODUCTS	8	8	-	-	-	-	-	-	-	-	8	-
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	-	-	-	-	-	-	-	-	-	-	-	-
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	81	81	-	-	-	-	-	-	14	-	53	8
CHEMICALS AND ALLIED PRODUCTS	14	14	-	-	-	-	-	-	-	-	14	-
DURABLE GOODS	842	830	12	4	-	8	-	-	-	104	482	128
FURNITURE, LUMBER, AND WOOD PRODUCTS	-	-	-	-	-	-	-	-	-	-	-	-
PRIMARY METAL INDUSTRIES	27	27	-	-	-	-	-	-	-	6	21	-
FABRICATED METAL INDUSTRIES	-	-	-	-	-	-	-	-	-	-	-	-
MACHINERY, EXCEPT ELECTRICAL	70	70	-	-	-	-	-	-	-	8	41	13
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	10	10	-	-	-	-	-	-	-	-	10	-
TRANSPORTATION EQUIPMENT	728	716	12	4	-	8	-	-	-	90	410	108
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	135	85	50	29	5	16	-	-	5	6	100	18
RAILROADS	-	-	-	-	-	-	-	-	-	-	-	-
TRUCKING SERVICE AND WAREHOUSING	3	3	-	-	-	-	-	-	-	-	3	-
OTHER TRANSPORTATION	52	9	43	29	5	9	-	-	5	6	28	13
COMMUNICATIONS	62	62	-	-	-	-	-	-	-	-	51	5
UTILITIES AND SANITARY SERVICES	18	11	7	-	-	7	-	-	-	-	18	-
WHOLESALE TRADE	27	27	-	-	-	-	-	-	-	-	7	13
RETAIL TRADE	452	417	9	6	-	3	13	13	72	201	130	43
GENERAL MERCHANDISE STORES	101	101	-	-	-	-	-	-	11	53	33	4
FOOD, BAKERY, AND DAIRY STORES	57	57	-	-	-	-	-	-	-	29	28	-
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	7	7	-	-	-	-	-	-	-	-	7	-
EATING AND DRINKING PLACES	154	145	9	6	-	3	-	-	36	74	27	17
FINANCE, INSURANCE, AND REAL ESTATE	185	152	28	7	6	15	5	-	13	32	126	12
BANKING AND CREDIT AGENCIES	89	82	7	7	-	-	-	-	-	18	62	7
INSURANCE, REAL ESTATE, AND OTHER FINANCE	96	70	21	-	6	15	5	-	13	14	64	5
AUTOMOTIVE REPAIR AND SERVICES	7	-	-	-	-	-	-	7	-	7	-	-
OTHER BUSINESS AND REPAIR SERVICES	132	99	27	-	27	-	6	-	11	21	62	33
PRIVATE HOUSEHOLDS	129	129	-	-	-	-	-	-	37	31	48	6
OTHER PERSONAL SERVICES	144	125	-	-	-	-	19	-	12	36	68	22
ENTERTAINMENT AND RECREATION SERVICES	15	7	8	-	8	-	-	-	15	-	-	-
PROFESSIONAL AND RELATED SERVICES	2 946	1 325	1 591	169	868	554	24	6	351	637	1 588	279
HOSPITALS	1 086	637	443	114	276	53	-	6	49	171	752	80
HEALTH SERVICES, EXCEPT HOSPITALS	235	181	54	-	11	43	-	-	21	78	112	12
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	1 319	321	998	37	536	425	-	-	233	304	604	149
OTHER EDUCATIONAL SERVICES	44	23	21	7	7	7	-	-	6	7	31	-
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	207	128	62	11	25	26	17	-	15	70	68	38
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	55	35	13	-	13	-	7	-	27	7	21	-
PUBLIC ADMINISTRATION	248	-	248	50	102	96	-	-	-	21	200	27

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

DETROIT, MI SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
MALES 16 YEARS AND OVER	1 032 327	868 795	109 636	20 520	15 888	73 228	52 308	1 588	27 780	95 005	538 277	336 039
AGRICULTURE	7 262	4 046	129	38	12	79	2 859	228	595	1 186	2 023	3 116
FORESTRY AND FISHERIES	204	47	139	14	14	111	18	-	-	8	130	42
MINING	1 058	940	13	7	-	6	90	15	52	61	553	341
CONSTRUCTION	56 767	44 298	4 272	351	303	3 618	8 076	121	2 158	9 121	31 158	11 561
MANUFACTURING	443 964	438 177	2 422	975	212	1 235	3 197	168	4 794	20 493	260 527	140 452
NONDURABLE GOODS	51 884	50 550	199	78	12	109	1 078	57	1 329	2 906	28 924	17 021
FOOD AND KINDRED PRODUCTS	12 617	12 219	92	45	6	41	286	20	145	755	5 894	5 284
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	2 535	2 462	6	-	-	6	67	-	28	118	1 675	644
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	13 388	12 839	23	7	-	16	521	5	1 015	1 110	7 396	3 482
CHEMICALS AND ALLIED PRODUCTS	13 318	13 150	40	-	6	34	101	27	74	481	8 533	3 909
DURABLE GOODS	392 080	387 627	2 223	897	200	1 126	2 119	111	3 465	17 587	231 603	123 431
FURNITURE, LUMBER, AND WOOD PRODUCTS	3 761	3 538	6	-	-	6	217	-	114	462	1 938	1 106
PRIMARY METAL INDUSTRIES	29 828	29 597	162	29	29	104	69	-	266	1 208	18 269	8 562
FABRICATED METAL INDUSTRIES	29 763	29 304	142	43	25	74	296	21	360	1 883	16 853	9 782
MACHINERY, EXCEPT ELECTRICAL	72 838	71 716	218	107	16	95	873	31	607	3 345	31 282	34 921
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	7 329	7 251	33	6	8	19	40	5	111	479	3 746	2 829
TRANSPORTATION EQUIPMENT	230 603	228 743	1 593	691	116	786	238	29	1 718	8 998	149 639	60 200
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	76 601	58 891	15 982	8 584	434	6 964	1 671	57	1 011	4 512	43 153	25 312
RAILROADS	6 617	5 754	863	774	27	62	-	-	28	227	4 166	1 859
TRUCKING SERVICE AND WAREHOUSING	20 680	19 380	206	36	6	164	1 066	28	451	2 073	8 528	8 755
OTHER TRANSPORTATION	17 612	7 293	9 823	7 738	202	1 883	467	29	292	1 295	9 979	5 427
COMMUNICATIONS	11 854	11 754	75	6	49	20	25	-	97	215	6 383	4 879
UTILITIES AND SANITARY SERVICES	19 838	14 710	5 015	30	150	4 835	113	-	143	702	14 097	4 392
WHOLESALE TRADE	52 160	49 130	110	3	56	51	2 850	70	802	2 943	26 555	20 583
RETAIL TRADE	134 722	122 926	358	88	82	188	10 856	582	9 336	29 225	44 664	47 804
GENERAL MERCHANDISE STORES	11 507	11 411	6	-	6	-	68	22	600	2 150	5 735	2 633
FOOD, BAKERY, AND DAIRY STORES	21 449	19 404	54	41	-	13	1 883	108	1 234	4 020	7 768	7 848
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	25 968	24 173	36	9	7	20	1 699	60	737	3 529	8 458	12 560
EATING AND DRINKING PLACES	33 139	30 304	151	27	33	91	2 490	194	4 421	11 818	8 082	7 857
FINANCE, INSURANCE, AND REAL ESTATE	36 896	32 871	921	237	92	592	3 022	82	867	2 751	19 388	13 142
BANKING AND CREDIT AGENCIES	10 524	10 173	275	170	19	86	76	-	161	760	6 615	2 829
INSURANCE, REAL ESTATE, AND OTHER FINANCE	26 372	22 698	646	67	73	506	2 946	82	706	1 991	12 773	10 313
AUTOMOTIVE REPAIR AND SERVICES	12 369	10 071	205	16	15	174	2 025	68	457	1 739	5 269	4 493
OTHER BUSINESS AND REPAIR SERVICES	33 867	29 303	459	156	122	181	4 043	62	1 163	3 972	15 790	11 924
PRIVATE HOUSEHOLDS	546	510	-	-	-	-	36	-	132	154	170	77
OTHER PERSONAL SERVICES	11 751	8 661	133	-	58	75	2 901	56	514	2 046	4 452	4 183
ENTERTAINMENT AND RECREATION SERVICES	10 101	7 894	1 024	20	48	956	1 155	28	1 205	2 950	3 372	2 243
PROFESSIONAL AND RELATED SERVICES	112 890	61 030	42 300	1 254	8 979	32 067	9 509	51	4 073	11 989	54 129	40 093
HOSPITALS	20 288	15 652	4 414	692	2 109	1 613	222	-	357	1 680	11 561	6 261
HEALTH SERVICES, EXCEPT HOSPITALS	13 574	9 172	1 073	73	551	449	3 329	-	354	1 845	5 596	5 429
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	42 306	7 804	34 443	337	5 732	28 374	46	13	2 057	4 958	23 326	10 796
OTHER EDUCATIONAL SERVICES	1 427	667	546	24	56	466	214	-	151	435	558	257
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	12 082	10 189	1 254	34	458	762	601	38	724	1 480	5 005	4 655
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	23 213	17 546	570	94	73	403	5 097	-	430	1 591	8 083	12 695
PUBLIC ADMINISTRATION	41 169	-	41 169	8 777	5 461	26 931	-	-	621	1 855	26 944	10 673

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

DETROIT, MI SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
FEMALES 16 YEARS AND OVER	740 233	582 135	137 535	19 519	26 538	91 478	16 757	3 806	53 669	177 581	396 421	81 821
AGRICULTURE	2 856	2 075	25	4	17	4	488	268	285	966	950	562
FORESTRY AND FISHERIES	51	-	51	34	17	-	-	-	-	17	32	-
MINING	167	155	-	-	-	-	4	8	12	27	76	27
CONSTRUCTION	6 425	5 392	673	185	37	451	214	146	460	1 303	3 729	727
MANUFACTURING	114 672	113 004	793	353	147	293	689	186	2 960	12 697	76 915	14 261
NONDURABLE GOODS	26 627	26 029	181	20	82	79	367	50	1 231	4 256	16 274	3 410
FOOD AND KINDRED PRODUCTS	4 075	4 023	22	-	7	15	27	3	157	742	2 274	595
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	3 241	3 133	8	-	-	8	100	-	111	492	2 139	229
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	7 971	7 642	109	13	64	32	181	39	722	1 621	4 314	1 092
CHEMICALS AND ALLIED PRODUCTS	5 469	5 428	21	-	11	10	18	2	97	567	3 824	757
DURABLE GOODS	88 045	86 975	612	333	65	214	322	136	1 729	8 441	60 641	10 851
FURNITURE, LUMBER, AND WOOD PRODUCTS	1 296	1 244	2	2	-	-	37	13	50	263	761	147
PRIMARY METAL INDUSTRIES	4 096	4 056	15	15	-	-	20	5	128	327	2 991	375
FABRICATED METAL INDUSTRIES	8 080	8 025	24	7	-	17	26	5	190	916	5 553	1 004
MACHINERY, EXCEPT ELECTRICAL	14 966	14 800	51	5	9	37	47	68	326	1 695	9 681	2 343
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	3 887	3 859	12	5	-	7	10	6	114	448	2 580	515
TRANSPORTATION EQUIPMENT	47 864	47 372	443	286	46	111	44	5	729	3 641	33 845	5 611
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	33 946	26 325	7 384	5 713	234	1 437	167	70	751	3 452	23 177	5 227
RAILROADS	1 082	961	121	114	7	-	-	-	-	71	899	51
TRUCKING SERVICE AND WAREHOUSING	3 351	3 139	93	48	22	23	74	45	127	682	1 718	658
OTHER TRANSPORTATION	11 481	5 147	6 250	5 521	96	633	70	14	381	1 491	7 245	1 907
COMMUNICATIONS	13 479	13 306	160	17	64	79	13	-	167	835	9 853	2 100
UTILITIES AND SANITARY SERVICES	4 553	3 772	760	13	45	702	10	11	76	373	3 462	511
WHOLESALE TRADE	19 096	18 392	59	27	25	7	472	173	833	2 854	11 605	3 180
RETAIL TRADE	159 648	152 570	529	112	114	303	5 018	1 531	17 227	61 028	58 292	17 086
GENERAL MERCHANDISE STORES	30 594	30 452	79	41	10	28	47	16	2 141	10 648	14 713	1 887
FOOD, BAKERY, AND DAIRY STORES	19 512	18 576	62	17	9	36	584	290	1 546	6 218	7 934	2 882
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	5 666	5 426	13	3	-	10	115	112	313	1 194	2 738	1 269
EATING AND DRINKING PLACES	54 144	52 387	316	39	80	197	1 014	427	7 520	25 334	14 200	5 000
FINANCE, INSURANCE, AND REAL ESTATE	60 842	57 872	1 700	921	198	581	1 048	222	2 085	9 719	40 536	6 604
BANKING AND CREDIT AGENCIES	29 182	27 835	1 310	810	182	318	32	5	729	4 718	20 330	2 576
INSURANCE, REAL ESTATE, AND OTHER FINANCE	31 660	30 037	390	111	16	263	1 016	217	1 356	5 001	20 206	4 028
AUTOMOTIVE REPAIR AND SERVICES	1 828	1 565	56	-	19	37	103	104	107	411	930	301
OTHER BUSINESS AND REPAIR SERVICES	25 441	22 820	666	73	326	267	1 735	220	2 052	6 515	12 484	3 414
PRIVATE HOUSEHOLDS	7 850	7 716	61	39	22	-	67	6	2 158	2 817	1 848	646
OTHER PERSONAL SERVICES	23 203	19 477	117	19	39	59	3 336	273	1 919	8 115	9 488	2 713
ENTERTAINMENT AND RECREATION SERVICES	7 759	6 507	774	22	-	752	422	56	1 413	2 784	2 433	788
PROFESSIONAL AND RELATED SERVICES	242 665	148 265	90 863	2 961	15 341	72 561	2 994	543	19 869	60 869	130 377	22 781
HOSPITALS	70 675	59 160	11 393	1 284	4 371	5 738	122	-	1 924	13 418	45 066	7 441
HEALTH SERVICES, EXCEPT HOSPITALS	44 230	39 676	3 696	154	1 656	1 886	600	258	2 892	13 044	22 412	4 201
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	89 291	19 133	70 107	1 126	7 795	61 186	47	4	11 160	24 962	43 608	6 222
OTHER EDUCATIONAL SERVICES	3 555	1 037	1 885	14	63	1 808	633	-	732	1 146	1 375	212
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	20 346	16 000	3 456	290	1 398	1 768	741	149	2 467	5 501	9 698	2 168
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	14 568	13 259	326	93	58	175	851	132	694	2 798	8 218	2 537
PUBLIC ADMINISTRATION	33 784	-	33 784	9 056	10 002	14 726	-	-	1 538	4 007	23 549	3 504

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

DETROIT, MI SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
WHITE												
MALES 16 YEARS AND OVER	882 410	750 490	82 602	14 889	11 899	55 814	47 963	1 355	23 009	80 408	445 259	306 823
AGRICULTURE	6 765	3 679	65	10	-	55	2 799	222	544	1 102	1 804	3 022
FORESTRY AND FISHERIES	180	47	115	14	14	87	18	-	-	8	106	42
MINING	979	861	13	7	-	6	90	15	44	61	503	328
CONSTRUCTION	51 092	40 190	3 377	276	221	2 880	7 412	113	1 919	8 159	27 857	10 809
MANUFACTURING	375 358	370 805	1 445	725	118	602	2 961	147	3 586	16 172	213 557	129 344
NONDURABLE GOODS	45 392	44 240	138	65	12	61	965	49	1 171	2 365	24 905	15 674
FOOD AND KINDRED PRODUCTS	9 791	9 455	61	32	6	23	263	12	98	525	4 247	4 607
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	2 304	2 254	-	-	-	-	50	-	19	100	1 545	580
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	12 352	11 864	18	7	-	11	465	5	951	980	6 759	3 316
CHEMICALS AND ALLIED PRODUCTS	11 920	11 777	26	-	6	20	90	27	43	389	7 539	3 679
DURABLE GOODS	329 966	326 565	1 307	660	106	541	1 996	98	2 415	13 807	188 652	113 670
FURNITURE, LUMBER, AND WOOD PRODUCTS	3 367	3 144	6	-	-	6	217	-	100	393	1 705	1 060
PRIMARY METAL INDUSTRIES	24 784	24 647	92	17	-	75	45	-	190	925	14 895	7 579
FABRICATED METAL INDUSTRIES	26 951	26 554	89	31	12	46	287	21	307	1 599	15 040	9 270
MACHINERY, EXCEPT ELECTRICAL	68 130	67 097	163	82	16	65	839	31	554	3 055	28 402	33 848
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	6 775	6 697	33	6	8	19	40	5	101	447	3 348	2 720
TRANSPORTATION EQUIPMENT	184 628	183 500	892	518	70	304	220	16	933	6 361	117 140	53 632
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	63 455	52 221	9 804	5 780	291	3 733	1 384	46	684	3 620	34 771	22 395
RAILROADS	5 936	5 213	723	665	27	31	-	-	24	205	3 672	1 771
TRUCKING SERVICE AND WAREHOUSING	18 969	17 826	113	26	6	81	1 013	17	351	1 856	7 681	8 318
OTHER TRANSPORTATION	12 097	5 996	5 831	5 058	161	612	241	29	179	877	6 616	4 016
COMMUNICATIONS	10 242	10 172	45	6	26	13	25	-	62	164	5 433	4 399
UTILITIES AND SANITARY SERVICES	16 211	13 014	3 092	25	71	2 996	105	-	68	518	11 369	3 891
WHOLESALE TRADE	47 280	44 451	36	-	23	13	2 731	62	693	2 610	23 687	19 180
RETAIL TRADE	120 218	109 694	194	50	62	82	9 889	441	8 143	26 127	38 457	44 365
GENERAL MERCHANDISE STORES	9 984	9 910	6	-	6	-	60	8	505	1 793	4 988	2 391
FOOD, BAKERY, AND DAIRY STORES	19 398	17 560	29	29	-	-	1 731	78	1 035	3 712	6 739	7 386
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	24 017	22 342	19	9	7	3	1 596	60	656	3 198	7 593	11 974
EATING AND DRINKING PLACES	28 288	25 871	77	12	33	32	2 195	145	3 821	10 539	6 382	6 800
FINANCE, INSURANCE, AND REAL ESTATE	32 692	29 203	570	150	80	340	2 851	68	703	2 370	16 834	12 197
BANKING AND CREDIT AGENCIES	9 161	8 954	143	101	14	28	64	-	137	563	5 709	2 637
INSURANCE, REAL ESTATE, AND OTHER FINANCE	23 531	20 249	427	49	66	312	2 787	68	566	1 807	11 125	9 560
AUTOMOTIVE REPAIR AND SERVICES	10 449	8 596	94	16	7	71	1 698	61	396	1 452	4 258	4 007
OTHER BUSINESS AND REPAIR SERVICES	30 228	26 087	288	128	66	94	3 796	57	1 010	3 521	13 792	11 066
PRIVATE HOUSEHOLDS	395	359	-	-	-	-	36	-	103	78	133	68
OTHER PERSONAL SERVICES	9 239	6 707	74	-	43	31	2 414	44	381	1 586	3 255	3 586
ENTERTAINMENT AND RECREATION SERVICES	8 723	6 983	655	8	42	605	1 057	28	1 108	2 647	2 693	2 022
PROFESSIONAL AND RELATED SERVICES	93 552	50 607	34 067	782	7 054	26 231	8 827	51	3 180	9 575	43 395	35 221
HOSPITALS	14 686	11 985	2 526	389	1 322	815	175	-	231	1 220	8 089	4 805
HEALTH SERVICES, EXCEPT HOSPITALS	10 919	7 197	692	38	345	309	3 030	-	293	1 558	4 315	4 478
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	35 740	6 517	29 176	221	5 005	23 950	34	13	1 547	3 799	19 731	9 655
OTHER EDUCATIONAL SERVICES	1 170	512	468	24	42	402	190	-	140	336	430	244
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	9 515	8 172	761	27	282	452	544	38	563	1 164	3 593	4 045
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	21 522	16 224	444	83	58	303	4 854	-	406	1 498	7 237	11 994
PUBLIC ADMINISTRATION	31 805	-	31 805	6 943	3 878	20 984	-	-	515	1 320	20 157	9 171

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

DETROIT, MI SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
WHITE												
FEMALES 16 YEARS AND OVER	593 531	482 057	93 113	10 415	16 635	66 063	14 849	3 512	45 934	149 544	307 114	68 686
AGRICULTURE	2 753	2 015	18	4	10	4	452	268	273	939	901	552
FORESTRY AND FISHERIES	51	-	51	34	17	-	-	-	-	17	32	-
MINING	148	136	-	-	-	-	4	8	12	27	57	27
CONSTRUCTION	5 688	4 922	428	106	37	285	198	140	431	1 230	3 223	650
MANUFACTURING	92 757	91 515	466	212	104	150	590	186	2 451	10 371	62 314	12 277
NONDURABLE GOODS	22 623	22 170	119	12	57	50	284	50	1 094	3 626	13 825	3 000
FOOD AND KINDRED PRODUCTS	3 169	3 124	22	-	7	15	20	3	120	591	1 745	497
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	2 520	2 451	8	-	-	8	61	-	98	342	1 696	186
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	7 260	6 986	69	5	43	21	166	39	695	1 478	3 862	1 028
CHEMICALS AND ALLIED PRODUCTS	4 636	4 609	7	-	7	-	18	2	68	490	3 265	670
DURABLE GOODS	70 134	69 345	347	200	47	100	306	136	1 357	6 745	48 489	9 277
FURNITURE, LUMBER, AND WOOD PRODUCTS	1 099	1 056	2	2	-	-	28	13	46	216	674	133
PRIMARY METAL INDUSTRIES	3 326	3 294	7	7	-	-	20	5	107	240	2 437	331
FABRICATED METAL INDUSTRIES	7 249	7 194	24	7	-	17	26	5	184	798	4 989	942
MACHINERY, EXCEPT ELECTRICAL	13 195	13 061	19	-	9	10	47	68	304	1 566	8 351	2 182
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	3 357	3 329	12	5	-	7	10	6	91	396	2 197	500
TRANSPORTATION EQUIPMENT	35 073	34 792	232	166	28	38	44	5	446	2 511	25 276	4 435
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	23 340	19 665	3 481	2 820	143	518	124	70	544	2 515	15 666	3 772
RAILROADS	951	842	109	102	7	-	-	-	-	47	813	35
TRUCKING SERVICE AND WAREHOUSING	2 982	2 824	47	15	22	10	66	45	119	561	1 529	618
OTHER TRANSPORTATION	7 550	4 485	3 016	2 686	78	252	35	14	287	1 045	4 679	1 268
COMMUNICATIONS	8 862	8 781	68	17	26	25	13	-	81	596	6 361	1 513
UTILITIES AND SANITARY SERVICES	2 995	2 733	241	-	10	231	10	11	57	266	2 284	338
WHOLESALE TRADE	17 126	16 477	36	22	7	7	440	173	761	2 622	10 325	2 919
RETAIL TRADE	143 027	136 898	269	83	48	138	4 557	1 303	15 736	55 680	51 238	15 266
GENERAL MERCHANDISE STORES	26 612	26 513	48	32	-	16	39	12	1 844	9 532	12 628	1 680
FOOD, BAKERY, AND DAIRY STORES	17 802	16 993	36	10	-	26	532	241	1 410	5 770	7 217	2 598
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	5 375	5 171	3	3	-	-	108	93	293	1 129	2 621	1 226
EATING AND DRINKING PLACES	48 197	46 803	157	26	46	85	916	321	6 940	23 024	12 078	4 272
FINANCE, INSURANCE, AND REAL ESTATE	50 768	48 671	882	489	148	245	1 000	215	1 840	8 474	33 136	5 789
BANKING AND CREDIT AGENCIES	23 955	23 201	717	437	132	148	32	5	633	4 022	16 411	2 226
INSURANCE, REAL ESTATE, AND OTHER FINANCE	26 813	25 470	165	52	16	97	968	210	1 207	4 452	16 725	3 563
AUTOMOTIVE REPAIR AND SERVICES	1 602	1 383	30	-	19	11	85	104	100	381	823	261
OTHER BUSINESS AND REPAIR SERVICES	21 695	19 605	272	15	140	117	1 598	220	1 792	5 617	10 458	3 071
PRIVATE HOUSEHOLDS	4 532	4 456	10	-	10	-	60	6	1 393	1 408	1 057	498
OTHER PERSONAL SERVICES	17 774	14 766	61	8	32	21	2 696	251	1 615	6 720	6 585	2 205
ENTERTAINMENT AND RECREATION SERVICES	6 963	6 050	456	15	-	441	406	51	1 333	2 536	2 041	742
PROFESSIONAL AND RELATED SERVICES	185 031	115 498	66 377	1 503	10 486	54 388	2 639	517	16 669	48 464	95 445	18 353
HOSPITALS	48 667	42 046	6 528	622	2 512	3 394	93	-	1 530	10 617	29 425	5 317
HEALTH SERVICES, EXCEPT HOSPITALS	34 993	32 051	2 178	72	1 105	1 001	511	253	2 595	11 412	16 655	3 257
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	69 967	15 905	54 015	629	6 139	47 247	43	4	9 015	18 270	34 750	5 365
OTHER EDUCATIONAL SERVICES	3 028	831	1 586	7	63	1 516	611	-	686	1 015	1 067	191
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	15 020	12 454	1 880	111	631	1 138	542	144	2 189	4 500	6 167	1 820
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	13 356	12 211	190	62	36	92	839	116	654	2 650	7 381	2 403
PUBLIC ADMINISTRATION	20 276	-	20 276	5 104	5 434	9 738	-	-	984	2 543	13 813	2 304

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

DETROIT, MI SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
BLACK												
MALES 16 YEARS AND OVER	133 299	104 062	25 419	5 312	3 558	16 549	3 645	173	4 263	13 476	84 199	23 635
AGRICULTURE	372	257	64	28	12	24	51	-	42	57	172	60
FORESTRY AND FISHERIES	24	-	24	-	-	24	-	-	-	-	24	-
MINING	49	49	-	-	-	-	-	-	8	-	41	-
CONSTRUCTION	5 093	3 620	840	56	74	710	625	8	213	877	2 973	657
MANUFACTURING	62 148	61 001	931	250	94	587	195	21	1 147	4 017	42 855	9 436
NONDURABLE GOODS	5 854	5 691	51	13	-	38	104	8	151	527	3 557	1 204
FOOD AND KINDRED PRODUCTS	2 630	2 582	26	13	-	13	14	8	47	225	1 530	603
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	193	170	6	-	-	6	17	-	9	18	92	64
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	985	924	5	-	-	5	56	-	64	124	615	143
CHEMICALS AND ALLIED PRODUCTS	1 162	1 142	9	-	-	9	11	-	24	92	794	201
DURABLE GOODS	56 294	55 310	880	237	94	549	91	13	996	3 490	39 298	8 232
FURNITURE, LUMBER, AND WOOD PRODUCTS	376	376	-	-	-	-	-	-	14	69	215	46
PRIMARY METAL INDUSTRIES	4 453	4 371	70	12	29	29	12	-	64	223	2 990	878
FABRICATED METAL INDUSTRIES	2 413	2 356	48	12	13	23	9	-	53	259	1 572	388
MACHINERY, EXCEPT ELECTRICAL	3 712	3 641	50	25	-	25	21	-	48	257	2 344	711
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	470	470	-	-	-	-	-	-	10	25	355	75
TRANSPORTATION EQUIPMENT	42 470	41 755	684	173	46	465	18	13	754	2 487	30 186	5 745
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	12 114	5 928	5 894	2 718	143	3 033	281	11	318	838	7 730	2 654
RAILROADS	475	385	90	68	-	22	-	-	4	16	344	43
TRUCKING SERVICE AND WAREHOUSING	1 528	1 371	93	10	-	83	53	11	100	202	746	376
OTHER TRANSPORTATION	5 321	1 170	3 931	2 635	41	1 255	220	-	113	407	3 217	1 380
COMMUNICATIONS	1 476	1 446	30	-	23	7	-	-	35	44	894	427
UTILITIES AND SANITARY SERVICES	3 314	1 556	1 750	5	79	1 666	8	-	66	169	2 529	428
WHOLESALE TRADE	4 253	4 064	71	-	33	38	110	8	98	307	2 541	1 140
RETAIL TRADE	12 159	11 176	146	34	20	92	750	87	1 041	2 776	5 353	2 498
GENERAL MERCHANDISE STORES	1 392	1 370	-	-	-	-	8	14	88	334	707	201
FOOD, BAKERY, AND DAIRY STORES	1 771	1 623	21	8	-	13	114	13	176	262	906	385
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	1 731	1 616	17	-	-	17	98	-	75	319	767	491
EATING AND DRINKING PLACES	3 653	3 390	60	15	-	45	183	20	508	1 108	1 322	525
FINANCE, INSURANCE, AND REAL ESTATE	3 743	3 243	338	74	12	252	148	14	145	342	2 342	770
BANKING AND CREDIT AGENCIES	1 265	1 121	132	69	5	58	12	-	24	186	843	168
INSURANCE, REAL ESTATE, AND OTHER FINANCE	2 478	2 122	206	5	7	194	136	14	121	156	1 499	602
AUTOMOTIVE REPAIR AND SERVICES	1 686	1 265	103	-	-	103	311	7	47	263	910	391
OTHER BUSINESS AND REPAIR SERVICES	3 224	2 839	165	28	56	81	215	5	136	434	1 751	724
PRIVATE HOUSEHOLDS	137	137	-	-	-	-	-	-	26	76	26	9
OTHER PERSONAL SERVICES	2 327	1 823	59	-	15	44	433	12	115	443	1 127	526
ENTERTAINMENT AND RECREATION SERVICES	1 276	816	369	12	6	351	91	-	73	290	654	187
PROFESSIONAL AND RELATED SERVICES	15 808	7 844	7 529	404	1 625	5 500	435	-	748	2 241	9 229	3 205
HOSPITALS	4 320	2 630	1 668	242	671	755	22	-	106	424	2 992	725
HEALTH SERVICES, EXCEPT HOSPITALS	1 798	1 317	358	28	197	133	123	-	42	258	962	465
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	5 969	1 111	4 846	116	559	4 171	12	-	442	1 091	3 321	975
OTHER EDUCATIONAL SERVICES	240	150	71	-	14	57	19	-	4	94	123	13
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	2 370	1 854	467	7	169	291	49	-	135	301	1 309	557
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	1 111	782	119	11	15	93	210	-	19	73	522	470
PUBLIC ADMINISTRATION	8 886	-	8 886	1 708	1 468	5 710	-	-	106	515	6 471	1 378

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

DETROIT, MI SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
BLACK												
FEMALES 16 YEARS AND OVER	135 547	91 200	42 500	8 739	9 409	24 352	1 673	174	7 123	25 866	82 983	11 538
AGRICULTURE	83	45	7	-	7	-	31	-	12	11	49	6
FORESTRY AND FISHERIES	-	-	-	-	-	-	-	-	-	-	-	-
MINING	19	19	-	-	-	-	-	-	-	-	19	-
CONSTRUCTION	679	439	224	73	-	151	10	6	29	73	463	62
MANUFACTURING	20 241	19 838	304	137	30	137	99	-	465	2 150	13 518	1 757
NONDURABLE GOODS	3 588	3 453	52	8	21	23	83	-	123	571	2 195	349
FOOD AND KINDRED PRODUCTS	809	802	-	-	-	-	7	-	33	123	490	78
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	676	637	-	-	-	-	39	-	13	137	420	43
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	667	622	30	8	17	5	15	-	23	133	432	54
CHEMICALS AND ALLIED PRODUCTS	699	685	14	-	4	10	-	-	23	69	460	74
DURABLE GOODS	16 653	16 385	252	129	9	114	16	-	342	1 579	11 323	1 408
FURNITURE, LUMBER, AND WOOD PRODUCTS	171	162	-	-	-	-	9	-	4	32	76	14
PRIMARY METAL INDUSTRIES	730	722	8	8	-	-	-	-	21	82	519	44
FABRICATED METAL INDUSTRIES	729	729	-	-	-	-	-	-	6	110	500	41
MACHINERY, EXCEPT ELECTRICAL	1 607	1 575	32	5	-	27	-	-	22	118	1 218	143
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	452	452	-	-	-	-	-	-	16	52	312	15
TRANSPORTATION EQUIPMENT	12 080	11 882	198	116	9	73	-	-	267	1 075	8 098	1 073
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	10 277	6 394	3 840	2 851	91	898	43	-	199	915	7 292	1 384
RAILROADS	111	99	12	12	-	-	-	-	-	24	74	8
TRUCKING SERVICE AND WAREHOUSING	352	298	46	33	-	13	8	-	-	121	180	40
OTHER TRANSPORTATION	3 854	634	3 185	2 793	18	374	35	-	94	439	2 514	621
COMMUNICATIONS	4 469	4 377	92	-	38	54	-	-	86	230	3 382	567
UTILITIES AND SANITARY SERVICES	1 491	986	505	13	35	457	-	-	19	101	1 142	148
WHOLESALE TRADE	1 787	1 746	23	5	18	-	18	-	72	216	1 171	220
RETAIL TRADE	14 613	13 865	253	29	66	158	387	108	1 308	4 636	6 339	1 443
GENERAL MERCHANDISE STORES	3 634	3 591	31	9	10	12	8	4	276	960	1 924	197
FOOD, BAKERY, AND DAIRY STORES	1 587	1 465	26	7	9	10	52	44	123	431	654	254
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	266	236	10	-	-	10	7	13	20	52	111	37
EATING AND DRINKING PLACES	4 873	4 614	159	13	34	112	75	25	489	1 884	1 794	513
FINANCE, INSURANCE, AND REAL ESTATE	9 405	8 597	767	398	50	319	34	7	218	1 153	6 959	756
BANKING AND CREDIT AGENCIES	4 970	4 415	555	352	50	153	-	-	85	643	3 755	339
INSURANCE, REAL ESTATE, AND OTHER FINANCE	4 435	4 182	212	46	-	166	34	7	133	510	3 204	417
AUTOMOTIVE REPAIR AND SERVICES	218	174	26	-	-	26	18	-	7	22	107	40
OTHER BUSINESS AND REPAIR SERVICES	3 392	2 915	360	47	173	140	117	-	238	796	1 827	327
PRIVATE HOUSEHOLDS	3 202	3 144	51	39	12	-	7	-	733	1 365	751	148
OTHER PERSONAL SERVICES	5 096	4 425	46	5	7	34	603	22	290	1 294	2 735	464
ENTERTAINMENT AND RECREATION SERVICES	742	418	303	7	-	296	16	5	74	222	370	46
PROFESSIONAL AND RELATED SERVICES	52 742	29 181	23 245	1 328	4 526	17 391	290	26	2 924	11 620	31 988	3 716
HOSPITALS	19 322	14 867	4 433	597	1 733	2 103	22	-	353	2 510	13 835	1 629
HEALTH SERVICES, EXCEPT HOSPITALS	8 352	6 888	1 417	76	530	811	42	5	257	1 437	5 281	839
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	18 456	2 972	15 480	468	1 511	13 501	4	-	1 995	6 467	8 458	800
OTHER EDUCATIONAL SERVICES	496	192	293	7	-	286	11	-	34	131	295	15
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	5 048	3 347	1 497	160	730	607	199	5	250	940	3 352	341
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	1 068	915	125	20	22	83	12	16	35	135	767	92
PUBLIC ADMINISTRATION	13 051	-	13 051	3 820	4 429	4 802	-	-	554	1 393	9 395	1 169

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

DETROIT, MI SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
ASIAN AND PACIFIC ISLANDER												
MALES 16 YEARS AND OVER	8 894	7 518	842	158	319	365	498	36	246	427	4 566	3 491
AGRICULTURE	39	32	-	-	-	-	7	-	9	5	14	11
FORESTRY AND FISHERIES	-	-	-	-	-	-	-	-	-	-	-	-
MINING	-	-	-	-	-	-	-	-	-	-	-	-
CONSTRUCTION	184	148	36	14	8	14	-	-	5	12	116	51
MANUFACTURING	2 714	2 702	5	-	-	5	7	-	36	68	1 783	765
NONDURABLE GOODS	311	306	5	-	-	5	-	-	7	11	233	54
FOOD AND KINDRED PRODUCTS	73	73	-	-	-	-	-	-	-	5	46	22
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	13	13	-	-	-	-	-	-	-	-	13	-
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	21	21	-	-	-	-	-	-	-	6	15	-
CHEMICALS AND ALLIED PRODUCTS	160	155	5	-	-	5	-	-	7	-	129	24
DURABLE GOODS	2 403	2 396	-	-	-	-	7	-	29	57	1 550	711
FURNITURE, LUMBER, AND WOOD PRODUCTS	6	6	-	-	-	-	-	-	-	-	6	-
PRIMARY METAL INDUSTRIES	77	77	-	-	-	-	-	-	-	5	34	38
FABRICATED METAL INDUSTRIES	122	122	-	-	-	-	-	-	-	7	74	41
MACHINERY, EXCEPT ELECTRICAL	569	569	-	-	-	-	-	-	5	17	324	192
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	55	55	-	-	-	-	-	-	-	-	32	23
TRANSPORTATION EQUIPMENT	1 460	1 460	-	-	-	-	-	-	18	24	1 010	383
TRANSPORTATION, COMMUNICATIONS, AND *OTHER PUBLIC UTILITIES*	363	234	123	8	-	115	6	-	9	9	276	62
RAILROADS	28	28	-	-	-	-	-	-	-	-	15	13
TRUCKING SERVICE AND WAREHOUSING	16	16	-	-	-	-	-	-	-	9	7	-
OTHER TRANSPORTATION	73	59	8	8	-	-	6	-	-	-	73	-
COMMUNICATIONS	66	66	-	-	-	-	-	-	-	-	40	19
UTILITIES AND SANITARY SERVICES	180	65	115	-	-	115	-	-	9	-	141	30
WHOLESALE TRADE	321	314	3	3	-	-	4	-	7	26	165	123
RETAIL TRADE	1 464	1 230	-	-	-	-	198	36	63	137	486	716
GENERAL MERCHANDISE STORES	100	100	-	-	-	-	-	-	7	13	40	25
FOOD, BAKERY, AND DAIRY STORES	100	62	-	-	-	-	31	7	17	-	41	38
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	123	118	-	-	-	-	5	-	-	-	58	58
EATING AND DRINKING PLACES	860	719	-	-	-	-	112	29	33	85	226	491
FINANCE, INSURANCE, AND REAL ESTATE	262	241	5	5	-	-	16	-	9	39	113	90
BANKING AND CREDIT AGENCIES	53	53	-	-	-	-	-	-	-	11	25	17
INSURANCE, REAL ESTATE, AND OTHER FINANCE	209	188	5	5	-	-	16	-	9	28	88	73
AUTOMOTIVE REPAIR AND SERVICES	109	98	8	-	8	-	3	-	-	24	39	46
OTHER BUSINESS AND REPAIR SERVICES	203	203	-	-	-	-	-	-	-	-	160	43
PRIVATE HOUSEHOLDS	5	5	-	-	-	-	-	-	-	-	5	-
OTHER PERSONAL SERVICES	92	63	-	-	-	-	29	-	15	11	33	33
ENTERTAINMENT AND RECREATION SERVICES	43	43	-	-	-	-	-	-	6	-	13	24
PROFESSIONAL AND RELATED SERVICES	2 898	2 205	465	58	248	159	228	-	87	91	1 224	1 479
HOSPITALS	1 138	930	187	51	99	37	21	-	14	16	422	686
HEALTH SERVICES, EXCEPT HOSPITALS	798	615	14	7	7	-	169	-	12	22	296	468
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	350	121	229	-	135	94	-	-	36	33	168	96
OTHER EDUCATIONAL SERVICES	12	-	7	-	-	7	5	-	7	5	-	-
SOCIAL SERVICES, RELIGIOUS AND *MEMBERSHIP ORGANIZATIONS*	114	93	21	-	7	14	-	-	13	5	67	29
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	486	446	7	-	-	7	33	-	5	10	271	200
PUBLIC ADMINISTRATION	197	-	197	70	55	72	-	-	-	5	139	48

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

DETROIT, MI SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
ASIAN AND PACIFIC ISLANDER												
FEMALES 16 YEARS AND OVER	6 452	5 256	909	113	283	513	174	113	327	1 127	3 727	1 096
AGRICULTURE	12	7	-	-	-	-	5	-	-	12	-	-
FORESTRY AND FISHERIES	-	-	-	-	-	-	-	-	-	-	-	-
MINING	-	-	-	-	-	-	-	-	-	-	-	-
CONSTRUCTION	24	18	6	6	-	-	-	-	-	-	24	-
MANUFACTURING	730	726	4	-	4	-	-	-	27	46	486	115
NONDURABLE GOODS	169	165	4	-	4	-	-	-	14	14	98	23
FOOD AND KINDRED PRODUCTS	17	17	-	-	-	-	-	-	4	9	4	-
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	19	19	-	-	-	-	-	-	-	5	7	-
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	14	10	4	-	4	-	-	-	4	-	-	10
CHEMICALS AND ALLIED PRODUCTS	77	77	-	-	-	-	-	-	6	-	50	13
DURABLE GOODS	561	561	-	-	-	-	-	-	13	32	388	92
FURNITURE, LUMBER, AND WOOD PRODUCTS	8	8	-	-	-	-	-	-	-	8	-	-
PRIMARY METAL INDUSTRIES	4	4	-	-	-	-	-	-	-	-	4	-
FABRICATED METAL INDUSTRIES	31	31	-	-	-	-	-	-	-	-	18	7
MACHINERY, EXCEPT ELECTRICAL	104	104	-	-	-	-	-	-	-	6	62	13
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	35	35	-	-	-	-	-	-	7	-	28	-
TRANSPORTATION EQUIPMENT	320	320	-	-	-	-	-	-	6	6	253	48
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	86	76	10	3	-	7	-	-	-	4	62	20
RAILROADS	5	5	-	-	-	-	-	-	-	-	5	-
TRUCKING SERVICE AND WAREHOUSING	-	-	-	-	-	-	-	-	-	-	-	-
OTHER TRANSPORTATION	17	14	3	3	-	-	-	-	-	-	17	-
COMMUNICATIONS	46	46	-	-	-	-	-	-	-	4	22	20
UTILITIES AND SANITARY SERVICES	18	11	7	-	-	7	-	-	-	-	18	-
WHOLESALE TRADE	68	61	-	-	-	-	7	-	-	3	49	13
RETAIL TRADE	1 203	1 018	7	-	-	7	65	113	101	372	424	292
GENERAL MERCHANDISE STORES	168	168	-	-	-	-	-	-	21	60	87	-
FOOD, BAKERY, AND DAIRY STORES	50	45	-	-	-	-	-	5	6	-	14	30
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	17	11	-	-	-	-	-	6	-	5	6	6
EATING AND DRINKING PLACES	743	639	-	-	-	-	23	81	47	271	230	181
FINANCE, INSURANCE, AND REAL ESTATE	268	236	18	18	-	-	14	-	-	21	192	32
BANKING AND CREDIT AGENCIES	75	70	5	5	-	-	-	-	-	6	59	3
INSURANCE, REAL ESTATE, AND OTHER FINANCE	193	166	13	13	-	-	14	-	-	15	133	29
AUTOMOTIVE REPAIR AND SERVICES	8	8	-	-	-	-	-	-	-	8	-	-
OTHER BUSINESS AND REPAIR SERVICES	206	178	13	-	13	-	15	-	16	70	109	-
PRIVATE HOUSEHOLDS	45	45	-	-	-	-	-	-	6	18	21	-
OTHER PERSONAL SERVICES	151	127	6	6	-	-	18	-	14	52	64	21
ENTERTAINMENT AND RECREATION SERVICES	18	18	-	-	-	-	-	-	6	12	-	-
PROFESSIONAL AND RELATED SERVICES	3 540	2 738	752	59	215	478	50	-	157	502	2 232	581
HOSPITALS	2 357	1 997	353	38	110	205	7	-	28	254	1 608	436
HEALTH SERVICES, EXCEPT HOSPITALS	525	422	65	6	21	38	38	-	26	107	308	72
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	449	150	299	10	77	212	-	-	77	109	195	46
OTHER EDUCATIONAL SERVICES	16	5	6	-	-	6	5	-	12	-	4	-
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	120	91	29	5	7	17	-	-	14	32	74	-
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	73	73	-	-	-	-	-	-	-	-	43	27
PUBLIC ADMINISTRATION	93	-	93	21	51	21	-	-	-	7	64	22

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

DETROIT, MI SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
SPANISH ORIGIN												
MALES 16 YEARS AND OVER	14 041	12 093	1 390	259	227	904	526	32	486	1 460	7 780	3 766
AGRICULTURE	147	143	-	-	-	-	4	-	-	43	23	71
FORESTRY AND FISHERIES	2	2	-	-	-	-	-	-	-	-	-	2
MINING	32	25	-	-	-	-	7	-	-	7	15	10
CONSTRUCTION	497	414	42	11	-	31	41	-	20	94	262	80
MANUFACTURING	6 702	6 585	84	12	5	67	33	-	63	397	4 314	1 622
NONDURABLE GOODS	723	696	5	-	-	5	22	-	13	16	496	186
FOOD AND KINDRED PRODUCTS	246	232	5	-	-	5	9	-	-	14	127	99
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	25	25	-	-	-	-	-	-	-	-	25	-
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	54	54	-	-	-	-	-	-	8	-	28	18
CHEMICALS AND ALLIED PRODUCTS	255	248	-	-	-	-	7	-	5	-	186	58
DURABLE GOODS	5 979	5 889	79	12	5	62	11	-	50	381	3 818	1 436
FURNITURE, LUMBER, AND WOOD PRODUCTS	24	24	-	-	-	-	-	-	-	-	18	6
PRIMARY METAL INDUSTRIES	923	916	7	-	-	7	-	-	11	48	632	191
FABRICATED METAL INDUSTRIES	407	392	10	-	5	5	5	-	-	26	234	121
MACHINERY, EXCEPT ELECTRICAL	681	670	11	-	-	11	-	-	10	28	375	256
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	61	61	-	-	-	-	-	-	-	-	55	6
TRANSPORTATION EQUIPMENT	3 596	3 554	42	12	-	30	-	-	25	266	2 298	792
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	1 030	757	256	133	6	117	17	-	24	53	628	296
RAILROADS	173	133	40	31	-	9	-	-	-	6	149	13
TRUCKING SERVICE AND WAREHOUSING	325	319	-	-	-	-	6	-	15	32	145	127
OTHER TRANSPORTATION	207	73	127	102	6	19	7	-	-	10	140	57
COMMUNICATIONS	108	108	-	-	-	-	-	-	-	5	55	43
UTILITIES AND SANITARY SERVICES	217	124	89	-	-	89	4	-	9	-	139	56
WHOLESALE TRADE	507	489	6	-	-	6	12	-	7	31	287	174
RETAIL TRADE	1 958	1 810	22	4	-	18	106	20	177	409	827	473
GENERAL MERCHANDISE STORES	164	164	-	-	-	-	-	-	16	38	65	45
FOOD, BAKERY, AND DAIRY STORES	321	282	4	4	-	-	25	10	21	48	131	97
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	278	256	-	-	-	-	12	10	26	22	137	71
EATING AND DRINKING PLACES	690	653	18	-	-	18	19	-	83	217	276	107
FINANCE, INSURANCE, AND REAL ESTATE	304	304	-	-	-	-	-	-	18	44	103	134
BANKING AND CREDIT AGENCIES	96	96	-	-	-	-	-	-	-	26	39	31
INSURANCE, REAL ESTATE, AND OTHER FINANCE	208	208	-	-	-	-	-	-	18	18	64	103
AUTOMOTIVE REPAIR AND SERVICES	190	138	-	-	-	-	43	9	6	46	62	66
OTHER BUSINESS AND REPAIR SERVICES	400	348	-	-	-	-	49	3	22	57	192	129
PRIVATE HOUSEHOLDS	6	6	-	-	-	-	-	-	6	-	-	-
OTHER PERSONAL SERVICES	191	120	-	-	-	-	71	-	7	17	74	78
ENTERTAINMENT AND RECREATION SERVICES	137	110	15	6	-	9	12	-	13	37	51	36
PROFESSIONAL AND RELATED SERVICES	1 414	842	441	15	131	295	131	-	110	169	611	491
HOSPITALS	379	266	82	15	58	9	31	-	22	30	136	172
HEALTH SERVICES, EXCEPT HOSPITALS	243	193	9	-	2	7	41	-	-	22	89	122
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	423	107	316	-	71	245	-	-	53	78	206	86
OTHER EDUCATIONAL SERVICES	30	10	20	-	-	20	-	-	-	-	25	5
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	149	120	14	-	-	14	15	-	29	14	56	46
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	190	146	-	-	-	-	44	-	6	25	99	60
PUBLIC ADMINISTRATION	524	-	524	78	85	361	-	-	13	56	331	104

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

DETROIT, MI SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
SPANISH ORIGIN												
FEMALES 16 YEARS AND OVER	9 338	7 279	1 911	425	350	1 136	128	20	707	2 198	5 082	923
AGRICULTURE	18	14	-	-	-	-	4	-	-	10	2	6
FORESTRY AND FISHERIES	-	-	-	-	-	-	-	-	-	-	-	-
MINING	-	-	-	-	-	-	-	-	-	-	-	-
CONSTRUCTION	62	36	26	13	-	13	-	-	7	5	30	20
MANUFACTURING	1 907	1 875	27	4	13	10	5	-	59	280	1 224	206
NONDURABLE GOODS	539	533	6	-	-	6	-	-	30	97	351	50
FOOD AND KINDRED PRODUCTS	147	147	-	-	-	-	-	-	7	21	94	20
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	86	86	-	-	-	-	-	-	-	13	66	5
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	104	98	6	-	-	6	-	-	16	36	52	-
CHEMICALS AND ALLIED PRODUCTS	81	81	-	-	-	-	-	-	-	8	68	5
DURABLE GOODS	1 368	1 342	21	4	13	4	5	-	29	183	873	156
FURNITURE, LUMBER, AND WOOD PRODUCTS	22	22	-	-	-	-	-	-	-	-	20	2
PRIMARY METAL INDUSTRIES	48	48	-	-	-	-	-	-	-	5	43	-
FABRICATED METAL INDUSTRIES	145	140	-	-	-	-	5	-	-	42	82	16
MACHINERY, EXCEPT ELECTRICAL	170	166	4	-	-	4	-	-	-	31	109	26
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	43	43	-	-	-	-	-	-	4	6	27	6
TRANSPORTATION EQUIPMENT	813	796	17	4	13	-	-	-	18	88	510	98
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	424	330	94	74	-	20	-	-	4	24	337	45
RAILROADS	37	26	11	11	-	-	-	-	-	-	29	8
TRUCKING SERVICE AND WAREHOUSING	29	29	-	-	-	-	-	-	4	-	6	14
OTHER TRANSPORTATION	140	72	68	63	-	5	-	-	-	11	120	9
COMMUNICATIONS	177	177	-	-	-	-	-	-	-	13	148	7
UTILITIES AND SANITARY SERVICES	41	26	15	-	-	15	-	-	-	-	34	7
WHOLESALE TRADE	180	164	11	11	-	-	5	-	8	12	123	23
RETAIL TRADE	1 832	1 781	-	-	-	-	45	6	265	725	624	166
GENERAL MERCHANDISE STORES	316	316	-	-	-	-	-	-	34	136	103	37
FOOD, BAKERY, AND DAIRY STORES	177	171	-	-	-	-	-	6	23	35	106	13
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	55	55	-	-	-	-	-	-	-	20	28	-
EATING AND DRINKING PLACES	770	755	-	-	-	-	15	-	142	346	203	45
FINANCE, INSURANCE, AND REAL ESTATE	684	639	45	22	-	23	-	-	29	131	399	90
BANKING AND CREDIT AGENCIES	351	306	45	22	-	23	-	-	20	73	200	32
INSURANCE, REAL ESTATE, AND OTHER FINANCE	333	333	-	-	-	-	-	-	9	58	199	58
AUTOMOTIVE REPAIR AND SERVICES	31	25	-	-	-	-	-	6	-	6	19	6
OTHER BUSINESS AND REPAIR SERVICES	276	245	21	11	-	10	10	-	4	35	140	67
PRIVATE HOUSEHOLDS	70	70	-	-	-	-	-	-	26	33	11	-
OTHER PERSONAL SERVICES	341	294	-	-	-	-	47	-	7	99	206	23
ENTERTAINMENT AND RECREATION SERVICES	100	71	29	-	-	29	-	-	-	29	41	24
PROFESSIONAL AND RELATED SERVICES	2 839	1 735	1 084	118	208	758	12	8	268	715	1 510	225
HOSPITALS	718	550	168	44	57	67	-	-	8	87	518	69
HEALTH SERVICES, EXCEPT HOSPITALS	614	547	59	-	21	38	-	8	26	181	310	65
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	958	269	689	37	92	560	-	-	193	320	368	50
OTHER EDUCATIONAL SERVICES	45	10	23	-	-	23	12	-	6	23	10	6
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	393	264	129	21	38	70	-	-	28	65	265	20
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	111	95	16	16	-	-	-	-	7	39	39	15
PUBLIC ADMINISTRATION	574	-	574	172	129	273	-	-	30	94	416	22

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

FLINT, MI SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
MALES 16 YEARS AND OVER	118 319	101 550	10 985	1 260	1 561	8 164	5 542	242	3 221	11 552	62 609	36 547
AGRICULTURE	1 458	552	26	7	-	19	753	127	119	238	299	739
FORESTRY AND FISHERIES	13	-	13	-	-	13	-	-	-	-	13	-
MINING	149	130	-	-	-	-	19	-	6	12	89	42
CONSTRUCTION	6 177	4 674	533	8	45	480	959	11	277	1 189	3 360	1 079
MANUFACTURING	62 225	61 661	324	42	16	266	226	14	571	3 522	37 644	17 550
NONDURABLE GOODS	2 917	2 833	2	-	2	-	80	2	152	238	1 389	1 021
FOOD AND KINDRED PRODUCTS	752	742	-	-	-	-	8	2	13	14	329	351
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	156	149	-	-	-	-	7	-	7	7	111	31
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	824	766	2	-	2	-	56	-	124	136	299	258
CHEMICALS AND ALLIED PRODUCTS	587	587	-	-	-	-	-	-	8	38	355	163
DURABLE GOODS	59 308	58 828	322	42	14	266	146	12	419	3 284	36 255	16 529
FURNITURE, LUMBER, AND WOOD PRODUCTS	228	213	-	-	-	-	15	-	9	10	160	40
PRIMARY METAL INDUSTRIES	317	309	-	-	-	-	8	-	7	22	175	80
FABRICATED METAL INDUSTRIES	3 365	3 339	2	-	-	2	24	-	39	204	2 168	811
MACHINERY, EXCEPT ELECTRICAL	2 153	2 130	2	2	-	-	21	-	27	132	1 009	948
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	1 217	1 202	7	-	-	7	8	-	4	61	746	377
TRANSPORTATION EQUIPMENT	50 904	50 556	296	40	14	242	40	12	310	2 721	31 409	13 948
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	6 160	4 886	1 117	736	21	360	157	-	116	394	3 062	2 348
RAILROADS	1 039	970	69	63	6	-	-	-	-	62	693	250
TRUCKING SERVICE AND WAREHOUSING	1 829	1 659	32	6	-	26	138	-	59	155	704	820
OTHER TRANSPORTATION	1 020	321	693	667	-	26	6	-	7	78	450	462
COMMUNICATIONS	1 258	1 245	-	-	-	-	13	-	31	71	560	563
UTILITIES AND SANITARY SERVICES	1 014	691	323	-	15	308	-	-	19	28	655	253
WHOLESALE TRADE	4 493	4 272	10	8	-	2	206	5	124	235	2 148	1 855
RETAIL TRADE	14 685	13 495	55	-	13	42	1 086	49	938	3 297	4 757	5 411
GENERAL MERCHANDISE STORES	1 284	1 261	13	-	-	13	10	-	67	307	596	285
FOOD, BAKERY, AND DAIRY STORES	2 558	2 342	2	-	2	-	185	29	159	491	1 064	784
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	3 219	3 034	-	-	-	-	178	7	47	392	1 068	1 644
EATING AND DRINKING PLACES	3 309	3 157	8	-	-	8	142	2	450	1 398	671	730
FINANCE, INSURANCE, AND REAL ESTATE	3 305	2 827	108	19	13	76	360	10	110	253	1 586	1 284
BANKING AND CREDIT AGENCIES	942	924	18	6	-	12	-	-	17	26	611	265
INSURANCE, REAL ESTATE, AND OTHER FINANCE	2 363	1 903	90	13	13	64	360	10	93	227	975	1 019
AUTOMOTIVE REPAIR AND SERVICES	1 185	971	6	-	-	6	202	6	59	173	484	419
OTHER BUSINESS AND REPAIR SERVICES	2 014	1 613	66	-	24	42	335	-	93	322	905	659
PRIVATE HOUSEHOLDS	23	23	-	-	-	-	-	-	8	6	4	5
OTHER PERSONAL SERVICES	1 135	703	8	-	-	8	412	12	74	153	482	412
ENTERTAINMENT AND RECREATION SERVICES	847	714	35	-	-	35	90	8	112	217	231	259
PROFESSIONAL AND RELATED SERVICES	11 183	5 029	5 417	87	802	4 528	737	-	525	1 325	5 453	3 684
HOSPITALS	1 658	1 188	445	8	67	370	25	-	25	122	995	483
HEALTH SERVICES, EXCEPT HOSPITALS	1 289	884	121	6	52	63	284	-	75	201	532	458
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	5 509	987	4 522	59	552	3 911	-	-	300	736	2 915	1 463
OTHER EDUCATIONAL SERVICES	129	52	69	-	13	56	8	-	11	26	75	17
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	1 454	1 142	238	-	118	120	74	-	84	174	482	691
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	1 144	776	22	14	-	8	346	-	30	66	454	572
PUBLIC ADMINISTRATION	3 267	-	3 267	353	627	2 287	-	-	89	216	2 092	801

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

FLINT, MI SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
FEMALES 16 YEARS AND OVER	81 263	62 755	15 957	1 272	2 388	12 297	2 145	406	5 935	20 767	42 207	8 495
AGRICULTURE	381	238	6	-	-	6	100	37	36	144	134	67
FORESTRY AND FISHERIES	-	-	-	-	-	-	-	-	-	-	-	-
MINING	17	17	-	-	-	-	-	-	8	-	9	-
CONSTRUCTION	509	399	52	-	7	45	35	23	52	130	284	30
MANUFACTURING	16 909	16 742	121	44	-	77	37	9	383	1 780	11 456	1 958
NONDURABLE GOODS	1 542	1 523	-	-	-	-	19	-	156	341	778	167
FOOD AND KINDRED PRODUCTS	317	317	-	-	-	-	-	-	17	87	133	45
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	95	88	-	-	-	-	7	-	-	11	57	18
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	622	610	-	-	-	-	12	-	134	180	239	48
CHEMICALS AND ALLIED PRODUCTS	218	218	-	-	-	-	-	-	5	29	154	8
DURABLE GOODS	15 367	15 219	121	44	-	77	18	9	227	1 439	10 678	1 791
FURNITURE, LUMBER, AND WOOD PRODUCTS	113	113	-	-	-	-	-	-	19	20	69	5
PRIMARY METAL INDUSTRIES	57	57	-	-	-	-	-	-	3	2	47	-
FABRICATED METAL INDUSTRIES	1 006	1 000	6	-	-	6	-	-	37	105	689	63
MACHINERY, EXCEPT ELECTRICAL	373	370	-	-	-	-	3	-	2	72	210	75
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	943	936	-	-	-	-	7	-	-	69	771	70
TRANSPORTATION EQUIPMENT	12 396	12 273	114	44	-	70	-	9	160	1 089	8 567	1 530
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	2 354	1 601	741	626	26	89	12	-	96	296	1 361	492
RAILROADS	124	117	7	7	-	-	-	-	-	11	90	18
TRUCKING SERVICE AND WAREHOUSING	160	154	-	-	-	-	6	-	14	28	79	31
OTHER TRANSPORTATION	866	181	685	609	24	52	-	-	50	165	411	204
COMMUNICATIONS	917	900	17	10	2	5	-	-	8	47	588	221
UTILITIES AND SANITARY SERVICES	287	249	32	-	-	32	6	-	24	45	193	18
WHOLESALE TRADE	1 445	1 380	-	-	-	-	40	25	90	287	820	197
RETAIL TRADE	17 592	16 649	93	8	18	67	666	184	1 857	7 100	6 114	1 862
GENERAL MERCHANDISE STORES	3 241	3 223	8	6	-	2	10	-	176	1 363	1 387	209
FOOD, BAKERY, AND DAIRY STORES	2 293	2 149	8	-	-	8	85	51	190	724	989	284
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	783	734	-	-	-	-	34	15	74	228	356	100
EATING AND DRINKING PLACES	5 948	5 761	61	2	18	41	126	-	666	2 941	1 515	581
FINANCE, INSURANCE, AND REAL ESTATE	4 832	4 528	134	69	19	46	148	22	200	934	3 006	524
BANKING AND CREDIT AGENCIES	2 807	2 674	117	69	19	29	16	-	86	481	1 924	240
INSURANCE, REAL ESTATE, AND OTHER FINANCE	2 025	1 854	17	-	-	17	132	22	114	453	1 082	284
AUTOMOTIVE REPAIR AND SERVICES	107	90	-	-	-	-	11	6	10	48	28	15
OTHER BUSINESS AND REPAIR SERVICES	1 797	1 536	115	5	96	14	125	21	220	577	702	203
PRIVATE HOUSEHOLDS	988	963	16	-	10	6	9	-	282	310	220	115
OTHER PERSONAL SERVICES	2 589	1 935	7	-	-	7	604	43	167	877	1 024	393
ENTERTAINMENT AND RECREATION SERVICES	818	739	30	-	11	19	49	-	134	379	221	54
PROFESSIONAL AND RELATED SERVICES	28 491	15 938	12 208	245	1 385	10 578	309	36	2 292	7 555	15 244	2 301
HOSPITALS	8 432	6 612	1 817	62	138	1 617	3	-	222	1 996	5 079	697
HEALTH SERVICES, EXCEPT HOSPITALS	4 988	4 478	404	1	108	295	73	33	278	1 573	2 496	437
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	11 139	2 088	9 051	110	758	8 183	-	-	1 330	2 997	5 761	738
OTHER EDUCATIONAL SERVICES	484	141	258	12	2	244	85	-	110	138	200	14
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	2 358	1 633	640	58	371	211	82	3	300	633	1 097	259
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	1 090	986	38	2	8	28	66	-	52	218	611	156
PUBLIC ADMINISTRATION	2 434	-	2 434	275	816	1 343	-	-	108	350	1 584	284

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

FLINT, MI SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
WHITE												
MALES 16 YEARS AND OVER	104 273	89 311	9 415	1 111	1 406	6 898	5 305	242	2 813	10 006	53 680	34 218
AGRICULTURE	1 411	514	18	7	-	11	752	127	119	238	268	730
FORESTRY AND FISHERIES	13	-	13	-	-	13	-	-	-	-	13	-
MINING	149	130	-	-	-	-	19	-	6	12	89	42
CONSTRUCTION	5 814	4 406	482	8	45	429	915	11	258	1 092	3 169	1 041
MANUFACTURING	52 869	52 492	144	28	16	100	219	14	435	2 775	31 318	16 092
NONDURABLE GOODS	2 729	2 652	2	-	2	-	73	2	131	225	1 324	945
FOOD AND KINDRED PRODUCTS	660	650	-	-	-	-	8	2	4	8	294	309
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	148	141	-	-	-	-	7	-	7	7	111	23
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	779	728	2	-	2	-	49	-	112	129	286	245
CHEMICALS AND ALLIED PRODUCTS	564	564	-	-	-	-	-	-	8	38	338	163
DURABLE GOODS	50 140	49 840	142	28	14	100	146	12	304	2 550	29 994	15 147
FURNITURE, LUMBER, AND WOOD PRODUCTS	207	192	-	-	-	-	15	-	1	10	151	36
PRIMARY METAL INDUSTRIES	275	267	-	-	-	-	8	-	-	22	145	80
FABRICATED METAL INDUSTRIES	2 849	2 823	2	-	-	2	24	-	26	140	1 801	743
MACHINERY, EXCEPT ELECTRICAL	2 118	2 095	2	2	-	-	21	-	27	125	995	934
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	1 160	1 152	-	-	-	-	8	-	4	61	697	369
TRANSPORTATION EQUIPMENT	42 526	42 351	123	26	14	83	40	12	223	2 073	25 667	12 708
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	5 678	4 531	1 009	690	6	313	138	-	116	341	2 767	2 252
RAILROADS	982	913	69	63	6	-	-	-	-	56	642	250
TRUCKING SERVICE AND WAREHOUSING	1 667	1 534	14	-	-	14	119	-	59	137	612	791
OTHER TRANSPORTATION	942	290	646	627	-	19	6	-	7	69	417	426
COMMUNICATIONS	1 140	1 127	-	-	-	-	13	-	31	51	496	537
UTILITIES AND SANITARY SERVICES	947	667	280	-	-	280	-	-	19	28	600	248
WHOLESALE TRADE	4 235	4 033	10	8	-	2	187	5	117	228	1 969	1 802
RETAIL TRADE	13 596	12 456	34	-	13	21	1 057	49	850	3 022	4 280	5 194
GENERAL MERCHANDISE STORES	1 098	1 088	-	-	-	-	10	-	54	270	504	247
FOOD, BAKERY, AND DAIRY STORES	2 374	2 166	2	-	2	-	177	29	159	446	961	748
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	3 127	2 942	-	-	-	-	178	7	47	382	996	1 634
EATING AND DRINKING PLACES	2 919	2 780	-	-	-	-	137	2	394	1 248	576	661
FINANCE, INSURANCE, AND REAL ESTATE	3 112	2 662	80	6	13	61	360	10	110	221	1 473	1 236
BANKING AND CREDIT AGENCIES	855	844	11	6	-	5	-	-	17	20	555	240
INSURANCE, REAL ESTATE, AND OTHER FINANCE	2 257	1 818	69	-	13	56	360	10	93	201	918	996
AUTOMOTIVE REPAIR AND SERVICES	1 104	907	6	-	-	6	185	6	53	154	442	415
OTHER BUSINESS AND REPAIR SERVICES	1 868	1 488	54	-	24	30	326	-	93	287	811	642
PRIVATE HOUSEHOLDS	23	23	-	-	-	-	-	-	8	6	4	5
OTHER PERSONAL SERVICES	1 025	628	2	-	-	2	383	12	74	132	407	398
ENTERTAINMENT AND RECREATION SERVICES	774	646	30	-	-	30	90	8	102	212	199	233
PROFESSIONAL AND RELATED SERVICES	9 743	4 395	4 674	54	720	3 900	674	-	420	1 110	4 634	3 411
HOSPITALS	1 348	992	347	8	60	279	9	-	11	112	783	420
HEALTH SERVICES, EXCEPT HOSPITALS	1 029	679	94	-	39	55	256	-	51	176	429	355
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	4 879	863	4 016	46	501	3 469	-	-	241	600	2 559	1 396
OTHER EDUCATIONAL SERVICES	97	52	37	-	8	29	8	-	11	20	54	12
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	1 283	1 037	172	-	112	60	74	-	76	136	379	669
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	1 107	772	8	-	-	8	327	-	30	66	430	559
PUBLIC ADMINISTRATION	2 859	-	2 859	310	569	1 980	-	-	52	176	1 837	725

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

FLINT, MI SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
WHITE												
FEMALES 16 YEARS AND OVER	68 932	53 567	12 946	830	2 007	10 109	2 029	390	5 333	18 221	35 004	7 349
AGRICULTURE	375	238	-	-	-	-	100	37	36	144	128	67
FORESTRY AND FISHERIES	-	-	-	-	-	-	-	-	-	-	-	-
MINING	17	17	-	-	-	-	-	-	8	-	9	-
CONSTRUCTION	465	368	39	-	7	32	35	23	47	130	251	30
MANUFACTURING	12 651	12 555	50	13	-	37	37	9	278	1 270	8 651	1 513
NONDURABLE GOODS	1 374	1 355	-	-	-	-	19	-	147	301	688	162
FOOD AND KINDRED PRODUCTS	263	263	-	-	-	-	-	-	17	55	111	45
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	82	75	-	-	-	-	7	-	-	7	53	13
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	598	586	-	-	-	-	12	-	125	180	228	48
CHEMICALS AND ALLIED PRODUCTS	192	192	-	-	-	-	-	-	5	29	142	8
DURABLE GOODS	11 277	11 200	50	13	-	37	18	9	131	969	7 963	1 351
FURNITURE, LUMBER, AND WOOD PRODUCTS	113	113	-	-	-	-	-	-	19	20	69	5
PRIMARY METAL INDUSTRIES	57	57	-	-	-	-	-	-	3	2	47	-
FABRICATED METAL INDUSTRIES	764	758	6	-	-	6	-	-	17	72	533	52
MACHINERY, EXCEPT ELECTRICAL	350	347	-	-	-	-	3	-	2	58	201	75
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	924	917	-	-	-	-	7	-	-	67	754	70
TRANSPORTATION EQUIPMENT	8 622	8 570	43	13	-	30	-	9	84	668	6 051	1 110
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	1 989	1 418	559	464	18	77	12	-	91	227	1 147	429
RAILROADS	119	112	7	7	-	-	-	-	-	6	90	18
TRUCKING SERVICE AND WAREHOUSING	160	154	-	-	-	-	6	-	14	28	79	31
OTHER TRANSPORTATION	678	163	515	447	16	52	-	-	50	130	297	173
COMMUNICATIONS	787	775	12	10	2	-	-	-	8	23	514	189
UTILITIES AND SANITARY SERVICES	245	214	25	-	-	25	6	-	19	40	167	18
WHOLESALE TRADE	1 395	1 335	-	-	-	-	40	20	90	280	782	192
RETAIL TRADE	16 150	15 270	57	2	13	42	646	177	1 709	6 509	5 616	1 744
GENERAL MERCHANDISE STORES	2 952	2 940	2	-	-	2	10	-	157	1 232	1 271	202
FOOD, BAKERY, AND DAIRY STORES	2 124	1 980	8	-	-	8	85	51	167	694	924	251
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	757	708	-	-	-	-	34	15	74	212	356	100
EATING AND DRINKING PLACES	5 334	5 182	41	2	13	26	111	-	613	2 664	1 313	523
FINANCE, INSURANCE, AND REAL ESTATE	4 420	4 169	81	57	2	22	148	22	195	842	2 746	495
BANKING AND CREDIT AGENCIES	2 507	2 421	70	57	2	11	16	-	81	403	1 743	216
INSURANCE, REAL ESTATE, AND OTHER FINANCE	1 913	1 748	11	-	-	11	132	22	114	439	1 003	279
AUTOMOTIVE REPAIR AND SERVICES	101	90	-	-	-	-	5	6	10	48	28	15
OTHER BUSINESS AND REPAIR SERVICES	1 663	1 421	96	-	88	8	125	21	220	530	619	203
PRIVATE HOUSEHOLDS	794	779	6	-	-	6	9	-	235	233	188	97
OTHER PERSONAL SERVICES	2 334	1 733	7	-	-	7	551	43	148	824	896	353
ENTERTAINMENT AND RECREATION SERVICES	757	697	11	-	11	-	49	-	129	371	183	54
PROFESSIONAL AND RELATED SERVICES	23 859	13 477	10 078	122	1 150	8 806	272	32	2 037	6 550	12 476	1 915
HOSPITALS	6 437	5 204	1 230	21	113	1 096	3	-	154	1 654	3 799	489
HEALTH SERVICES, EXCEPT HOSPITALS	4 338	3 944	309	1	100	208	56	29	238	1 434	2 135	363
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	9 716	1 860	7 856	69	640	7 147	-	-	1 211	2 593	5 000	656
OTHER EDUCATIONAL SERVICES	402	117	200	-	2	198	85	-	104	104	158	14
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	1 939	1 400	467	29	287	151	69	3	278	567	816	237
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	1 027	952	16	2	8	6	59	-	52	198	568	156
PUBLIC ADMINISTRATION	1 962	-	1 962	172	718	1 072	-	-	100	263	1 284	242

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

FLINT, MI SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
BLACK												
MALES 16 YEARS AND OVER	12 317	10 760	1 392	128	122	1 142	165	-	333	1 405	7 972	1 831
AGRICULTURE	32	23	8	-	-	8	1	-	-	-	31	1
FORESTRY AND FISHERIES	-	-	-	-	-	-	-	-	-	-	-	-
MINING	-	-	-	-	-	-	-	-	-	-	-	-
CONSTRUCTION	301	213	51	-	-	51	37	-	12	86	155	30
MANUFACTURING	8 453	8 277	169	14	-	155	7	-	112	695	5 760	1 224
NONDURABLE GOODS	161	154	-	-	-	-	7	-	21	13	50	64
FOOD AND KINDRED PRODUCTS	72	72	-	-	-	-	-	-	9	6	27	30
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	8	8	-	-	-	-	-	-	-	-	-	8
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	38	31	-	-	-	-	7	-	12	7	6	13
CHEMICALS AND ALLIED PRODUCTS	23	23	-	-	-	-	-	-	-	-	17	-
DURABLE GOODS	8 292	8 123	169	14	-	155	-	-	91	682	5 710	1 160
FURNITURE, LUMBER, AND WOOD PRODUCTS	21	21	-	-	-	-	-	-	8	-	9	4
PRIMARY METAL INDUSTRIES	42	42	-	-	-	-	-	-	7	-	30	-
FABRICATED METAL INDUSTRIES	460	460	-	-	-	-	-	-	8	64	331	53
MACHINERY, EXCEPT ELECTRICAL	16	16	-	-	-	-	-	-	-	7	9	-
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	53	46	7	-	-	7	-	-	-	-	45	8
TRANSPORTATION EQUIPMENT	7 594	7 432	162	14	-	148	-	-	68	596	5 244	1 052
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	430	323	88	33	15	40	19	-	-	53	261	85
RAILROADS	41	41	-	-	-	-	-	-	-	6	35	-
TRUCKING SERVICE AND WAREHOUSING	156	119	18	6	-	12	19	-	-	18	86	29
OTHER TRANSPORTATION	65	31	34	27	-	7	-	-	-	9	31	25
COMMUNICATIONS	118	118	-	-	-	-	-	-	-	20	64	26
UTILITIES AND SANITARY SERVICES	50	14	36	-	15	21	-	-	-	-	45	5
WHOLESALE TRADE	188	176	-	-	-	-	12	-	-	7	142	39
RETAIL TRADE	905	878	13	-	-	13	14	-	80	229	399	165
GENERAL MERCHANDISE STORES	178	165	13	-	-	13	-	-	13	35	86	38
FOOD, BAKERY, AND DAIRY STORES	162	154	-	-	-	-	8	-	-	38	96	28
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	92	92	-	-	-	-	-	-	-	10	72	10
EATING AND DRINKING PLACES	287	287	-	-	-	-	-	-	48	125	45	49
FINANCE, INSURANCE, AND REAL ESTATE	178	150	28	13	-	15	-	-	-	32	98	48
BANKING AND CREDIT AGENCIES	87	80	7	-	-	7	-	-	-	6	56	25
INSURANCE, REAL ESTATE, AND OTHER FINANCE	91	70	21	13	-	8	-	-	-	26	42	23
AUTOMOTIVE REPAIR AND SERVICES	66	55	-	-	-	-	11	-	6	19	36	-
OTHER BUSINESS AND REPAIR SERVICES	103	82	12	-	-	12	9	-	-	28	64	11
PRIVATE HOUSEHOLDS	-	-	-	-	-	-	-	-	-	-	-	-
OTHER PERSONAL SERVICES	110	75	6	-	-	6	29	-	-	21	75	14
ENTERTAINMENT AND RECREATION SERVICES	66	61	5	-	-	5	-	-	3	5	32	26
PROFESSIONAL AND RELATED SERVICES	1 141	447	668	25	70	573	26	-	94	190	696	133
HOSPITALS	219	133	86	-	7	79	-	-	7	10	174	17
HEALTH SERVICES, EXCEPT HOSPITALS	147	113	27	6	13	8	7	-	20	25	76	21
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	571	105	466	13	39	414	-	-	59	128	317	55
OTHER EDUCATIONAL SERVICES	32	-	32	-	5	27	-	-	-	6	21	5
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	147	96	51	-	6	45	-	-	8	21	96	22
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	25	-	6	6	-	-	19	-	-	-	12	13
PUBLIC ADMINISTRATION	344	-	344	43	37	264	-	-	26	40	223	55

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

FLINT, MI SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
BLACK												
FEMALES 16 YEARS AND OVER	11 325	8 417	2 817	393	352	2 072	87	4	519	2 250	6 791	1 013
AGRICULTURE	6	-	6	-	-	6	-	-	-	-	6	-
FORESTRY AND FISHERIES	-	-	-	-	-	-	-	-	-	-	-	-
MINING	-	-	-	-	-	-	-	-	-	-	-	-
CONSTRUCTION	44	31	13	-	-	13	-	-	5	-	33	-
MANUFACTURING	4 032	3 961	71	31	-	40	-	-	105	473	2 678	417
NONDURABLE GOODS	149	149	-	-	-	-	-	-	9	30	81	5
FOOD AND KINDRED PRODUCTS	48	48	-	-	-	-	-	-	-	26	22	-
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	5	5	-	-	-	-	-	-	-	-	-	5
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	24	24	-	-	-	-	-	-	9	-	11	-
CHEMICALS AND ALLIED PRODUCTS	26	26	-	-	-	-	-	-	-	-	12	-
DURABLE GOODS	3 883	3 812	71	31	-	40	-	-	96	443	2 597	412
FURNITURE, LUMBER, AND WOOD PRODUCTS	-	-	-	-	-	-	-	-	-	-	-	-
PRIMARY METAL INDUSTRIES	-	-	-	-	-	-	-	-	-	-	-	-
FABRICATED METAL INDUSTRIES	216	216	-	-	-	-	-	-	20	25	150	5
MACHINERY, EXCEPT ELECTRICAL	14	14	-	-	-	-	-	-	-	14	-	-
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	-	-	-	-	-	-	-	-	-	-	-	-
TRANSPORTATION EQUIPMENT	3 626	3 555	71	31	-	40	-	-	76	404	2 435	398
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	325	162	163	143	8	12	-	-	5	64	193	63
RAILROADS	5	5	-	-	-	-	-	-	-	5	-	-
TRUCKING SERVICE AND WAREHOUSING	-	-	-	-	-	-	-	-	-	-	-	-
OTHER TRANSPORTATION	161	10	151	143	8	-	-	-	-	30	100	31
COMMUNICATIONS	123	118	5	-	-	5	-	-	-	24	67	32
UTILITIES AND SANITARY SERVICES	36	29	7	-	-	7	-	-	5	5	26	-
WHOLESALE TRADE	45	45	-	-	-	-	-	-	-	7	38	-
RETAIL TRADE	1 191	1 145	36	6	5	25	10	-	127	473	427	90
GENERAL MERCHANDISE STORES	258	252	6	6	-	-	-	-	5	124	106	7
FOOD, BAKERY, AND DAIRY STORES	138	138	-	-	-	-	-	-	23	8	61	28
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	26	26	-	-	-	-	-	-	-	16	-	-
EATING AND DRINKING PLACES	500	475	20	-	5	15	5	-	46	223	172	35
FINANCE, INSURANCE, AND REAL ESTATE	375	322	53	12	17	24	-	-	5	81	240	23
BANKING AND CREDIT AGENCIES	273	226	47	12	17	18	-	-	5	67	171	18
INSURANCE, REAL ESTATE, AND OTHER FINANCE	102	96	6	-	-	6	-	-	-	14	69	5
AUTOMOTIVE REPAIR AND SERVICES	6	-	-	-	-	-	6	-	-	-	-	-
OTHER BUSINESS AND REPAIR SERVICES	115	96	19	5	8	6	-	-	-	36	75	-
PRIVATE HOUSEHOLDS	181	171	10	-	10	-	-	-	39	72	32	18
OTHER PERSONAL SERVICES	232	185	-	-	-	-	47	-	19	47	128	28
ENTERTAINMENT AND RECREATION SERVICES	61	42	19	-	-	19	-	-	5	8	38	-
PROFESSIONAL AND RELATED SERVICES	4 273	2 257	1 988	111	214	1 663	24	4	201	910	2 620	340
HOSPITALS	1 901	1 324	577	41	19	517	-	-	68	328	1 247	167
HEALTH SERVICES, EXCEPT HOSPITALS	558	463	87	-	-	87	4	4	40	99	314	69
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	1 285	195	1 090	33	111	946	-	-	65	373	716	82
OTHER EDUCATIONAL SERVICES	61	18	43	12	-	31	-	-	6	24	31	-
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	405	223	169	25	84	60	13	-	22	66	269	22
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	63	34	22	-	-	22	7	-	-	20	43	-
PUBLIC ADMINISTRATION	439	-	439	85	90	264	-	-	8	79	283	34

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

GRAND RAPIDS, MI SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
MALES 16 YEARS AND OVER	158 062	131 399	14 527	2 313	2 312	9 902	11 852	284	6 007	16 072	70 631	61 299
AGRICULTURE	3 813	2 014	15	-	-	15	1 681	103	305	658	724	2 048
FORESTRY AND FISHERIES	95	57	23	5	6	12	15	-	4	13	58	20
MINING	189	169	-	-	-	-	20	-	5	27	71	81
CONSTRUCTION	12 586	9 373	775	43	68	664	2 436	2	590	1 547	6 554	3 318
MANUFACTURING	60 014	59 202	187	31	35	121	589	36	912	3 446	30 838	23 383
NONDURABLE GOODS	13 181	12 908	79	-	26	53	187	7	279	899	6 496	5 271
FOOD AND KINDRED PRODUCTS	3 182	3 098	32	-	7	25	52	-	90	223	1 403	1 414
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	1 031	1 019	7	-	-	7	5	-	10	39	633	329
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	2 780	2 654	27	-	17	10	92	7	125	382	1 292	941
CHEMICALS AND ALLIED PRODUCTS	3 257	3 216	11	-	-	11	30	-	24	135	1 637	1 388
DURABLE GOODS	46 833	46 294	108	31	9	68	402	29	633	2 547	24 342	18 112
FURNITURE, LUMBER, AND WOOD PRODUCTS	11 602	11 455	58	18	7	33	83	6	126	527	4 780	5 895
PRIMARY METAL INDUSTRIES	3 050	3 042	-	-	-	-	6	2	41	231	1 586	1 090
FABRICATED METAL INDUSTRIES	7 656	7 546	18	-	2	16	92	-	129	388	4 442	2 535
MACHINERY, EXCEPT ELECTRICAL	9 134	9 024	13	8	-	5	89	8	153	507	4 298	3 970
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	2 279	2 275	-	-	-	-	2	2	11	150	1 434	623
TRANSPORTATION EQUIPMENT	8 294	8 247	10	5	-	5	37	-	85	418	5 209	2 323
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	10 934	8 629	1 933	1 271	29	633	370	2	168	607	5 346	4 526
RAILROADS	1 294	1 215	79	79	-	-	-	-	12	53	801	383
TRUCKING SERVICE AND WAREHOUSING	3 983	3 688	18	5	-	13	275	2	84	364	1 311	2 102
OTHER TRANSPORTATION	2 019	711	1 261	1 187	-	74	47	-	41	75	1 129	725
COMMUNICATIONS	1 764	1 734	23	-	9	14	7	-	12	42	877	792
UTILITIES AND SANITARY SERVICES	1 874	1 281	552	-	20	532	41	-	19	73	1 228	524
WHOLESALE TRADE	11 181	10 518	9	-	4	5	653	1	291	688	4 419	5 549
RETAIL TRADE	22 010	20 275	21	7	-	14	1 628	86	1 799	4 968	6 096	8 679
GENERAL MERCHANDISE STORES	1 399	1 394	-	-	-	-	5	-	64	312	574	424
FOOD, BAKERY, AND DAIRY STORES	4 646	4 425	19	7	-	12	202	-	394	1 120	1 462	1 595
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	4 175	3 858	2	-	-	2	293	22	152	630	1 052	2 267
EATING AND DRINKING PLACES	4 765	4 429	-	-	-	-	303	33	723	1 841	877	1 189
FINANCE, INSURANCE, AND REAL ESTATE	5 691	4 731	142	31	5	106	814	4	167	390	2 582	2 426
BANKING AND CREDIT AGENCIES	1 414	1 363	40	31	-	9	11	-	32	82	698	563
INSURANCE, REAL ESTATE, AND OTHER FINANCE	4 277	3 368	102	-	5	97	803	4	135	308	1 884	1 863
AUTOMOTIVE REPAIR AND SERVICES	2 129	1 587	68	9	-	59	470	4	115	285	735	927
OTHER BUSINESS AND REPAIR SERVICES	3 902	3 046	3	-	-	3	853	-	189	589	1 685	1 309
PRIVATE HOUSEHOLDS	90	84	-	-	-	-	6	-	40	11	19	20
OTHER PERSONAL SERVICES	1 621	1 172	5	-	-	5	417	27	125	228	532	682
ENTERTAINMENT AND RECREATION SERVICES	1 121	825	127	5	-	122	163	6	183	357	245	307
PROFESSIONAL AND RELATED SERVICES	18 041	9 717	6 574	111	989	5 474	1 737	13	1 050	2 055	7 832	6 689
HOSPITALS	2 090	1 748	313	13	73	227	29	-	73	297	1 112	543
HEALTH SERVICES, EXCEPT HOSPITALS	1 975	1 213	125	-	57	68	637	-	61	286	748	831
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	8 514	2 687	5 812	81	798	4 933	15	-	664	876	4 151	2 605
OTHER EDUCATIONAL SERVICES	222	89	124	-	8	116	9	-	4	81	78	52
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	2 466	2 075	131	9	53	69	247	13	183	379	696	1 167
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	2 774	1 905	69	8	-	61	800	-	65	136	1 047	1 491
PUBLIC ADMINISTRATION	4 645	-	4 645	800	1 176	2 669	-	-	64	203	2 895	1 335

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

GRAND RAPIDS, MI SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS				SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
	TOTAL		TOTAL	FEDERAL	STATE	LOCAL						
TOTAL												
FEMALES 16 YEARS AND OVER	116 376	95 718	16 780	1 363	2 774	12 643	3 099	779	12 279	32 078	53 272	13 767
AGRICULTURE	1 402	1 052	2	-	2	-	167	181	192	594	297	278
FORESTRY AND FISHERIES	6	4	2	2	-	-	-	-	-	4	-	-
MINING	24	24	-	-	-	-	-	-	-	2	15	-
CONSTRUCTION	986	802	121	-	28	93	24	39	114	194	544	88
MANUFACTURING	25 233	24 880	129	41	17	71	184	40	864	3 216	15 452	4 494
NONDURABLE GOODS	9 250	9 107	28	-	12	16	99	16	421	1 453	5 293	1 786
FOOD AND KINDRED PRODUCTS	1 957	1 953	-	-	-	-	-	4	83	376	1 143	308
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	1 489	1 434	16	-	-	16	39	-	56	187	926	253
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	1 887	1 828	12	-	12	-	35	12	188	405	925	294
CHEMICALS AND ALLIED PRODUCTS	2 114	2 107	-	-	-	-	7	-	43	303	1 189	559
DURABLE GOODS	15 983	15 773	101	41	5	55	85	24	443	1 763	10 159	2 708
FURNITURE, LUMBER, AND WOOD PRODUCTS	3 558	3 537	12	-	-	12	9	-	81	364	1 837	1 120
PRIMARY METAL INDUSTRIES	711	711	-	-	-	-	-	-	43	24	434	167
FABRICATED METAL INDUSTRIES	3 019	2 975	16	-	-	16	13	15	81	301	2 060	318
MACHINERY, EXCEPT ELECTRICAL	1 931	1 896	17	-	5	12	18	-	65	196	1 328	259
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	1 566	1 545	9	-	-	9	5	7	47	179	1 064	183
TRANSPORTATION EQUIPMENT	3 006	2 983	23	23	-	-	-	-	52	333	2 091	356
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	3 804	3 215	549	401	19	129	33	7	161	598	2 262	655
RAILROADS	25	25	-	-	-	-	-	-	-	11	9	5
TRUCKING SERVICE AND WAREHOUSING	797	788	-	-	-	-	7	2	49	168	411	130
OTHER TRANSPORTATION	866	370	478	401	8	69	18	-	78	162	423	185
COMMUNICATIONS	1 700	1 671	21	-	11	10	8	-	21	195	1 170	249
UTILITIES AND SANITARY SERVICES	416	361	50	-	-	50	-	5	13	62	249	86
WHOLESALE TRADE	3 670	3 540	-	-	-	-	82	48	196	732	2 041	587
RETAIL TRADE	25 231	24 127	184	45	76	63	715	205	4 202	10 486	7 269	2 115
GENERAL MERCHANDISE STORES	3 163	3 146	6	-	-	6	11	-	348	1 335	1 140	195
FOOD, BAKERY, AND DAIRY STORES	4 488	4 393	7	-	-	7	61	27	598	1 912	1 424	330
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	756	729	-	-	-	-	-	27	44	266	237	190
EATING AND DRINKING PLACES	8 713	8 422	87	9	42	36	143	61	1 908	4 040	1 684	620
FINANCE, INSURANCE, AND REAL ESTATE	8 135	7 771	167	75	41	51	154	43	474	1 577	4 932	991
BANKING AND CREDIT AGENCIES	3 782	3 661	121	75	24	22	-	-	201	736	2 374	351
INSURANCE, REAL ESTATE, AND OTHER FINANCE	4 353	4 110	46	-	17	29	154	43	273	841	2 558	640
AUTOMOTIVE REPAIR AND SERVICES	265	237	-	-	-	-	20	8	13	57	146	33
OTHER BUSINESS AND REPAIR SERVICES	2 875	2 437	35	2	16	17	328	75	281	973	1 154	340
PRIVATE HOUSEHOLDS	1 156	1 130	7	-	-	7	19	-	429	401	174	58
OTHER PERSONAL SERVICES	3 397	2 646	12	-	-	12	710	29	511	1 236	1 110	421
ENTERTAINMENT AND RECREATION SERVICES	1 014	900	78	-	7	71	36	-	250	365	280	70
PROFESSIONAL AND RELATED SERVICES	35 950	22 953	12 266	234	1 581	10 451	627	104	4 314	11 192	15 446	3 361
HOSPITALS	8 616	7 311	1 285	26	286	973	7	13	552	2 355	4 475	806
HEALTH SERVICES, EXCEPT HOSPITALS	7 192	6 697	358	40	130	188	95	42	595	3 031	2 697	506
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	14 259	4 473	9 756	101	1 007	8 648	18	12	2 240	4 099	6 042	1 230
OTHER EDUCATIONAL SERVICES	794	320	333	5	21	307	141	-	214	277	219	51
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	3 209	2 552	460	48	122	290	179	18	576	1 041	1 077	398
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	1 880	1 600	74	14	15	45	187	19	137	389	936	370
PUBLIC ADMINISTRATION	3 228	-	3 228	563	987	1 678	-	-	278	451	2 150	276

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

GRAND RAPIDS, MI SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
WHITE												
MALES 16 YEARS AND OVER	150 021	124 756	13 319	2 112	2 090	9 117	11 662	284	5 648	15 222	65 942	59 500
AGRICULTURE	3 705	1 919	9	-	-	9	1 674	103	300	649	690	1 988
FORESTRY AND FISHERIES	80	50	15	5	6	4	15	-	4	5	51	20
MINING	178	158	-	-	-	-	20	-	5	27	60	81
CONSTRUCTION	12 287	9 102	753	36	63	654	2 430	2	576	1 524	6 348	3 290
MANUFACTURING	56 013	55 288	117	15	26	76	572	36	842	3 161	28 271	22 432
NONDURABLE GOODS	12 421	12 186	41	-	19	22	187	7	266	858	5 926	5 145
FOOD AND KINDRED PRODUCTS	2 821	2 763	6	-	-	6	52	-	77	199	1 145	1 353
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	931	926	-	-	-	-	5	-	10	30	555	316
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	2 685	2 559	27	-	17	10	92	7	125	374	1 223	923
CHEMICALS AND ALLIED PRODUCTS	3 171	3 135	6	-	-	6	30	-	24	135	1 558	1 381
DURABLE GOODS	43 592	43 102	76	15	7	54	385	29	576	2 303	22 345	17 287
FURNITURE, LUMBER, AND WOOD PRODUCTS	10 684	10 562	33	7	7	19	83	6	120	451	4 326	5 552
PRIMARY METAL INDUSTRIES	2 791	2 783	-	-	-	-	6	2	35	225	1 410	1 029
FABRICATED METAL INDUSTRIES	7 188	7 080	16	-	-	16	92	-	121	354	4 099	2 463
MACHINERY, EXCEPT ELECTRICAL	8 820	8 720	8	3	-	5	84	8	153	493	4 104	3 878
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	2 187	2 183	-	-	-	-	2	2	11	130	1 369	616
TRANSPORTATION EQUIPMENT	7 390	7 355	10	5	-	5	25	-	54	349	4 626	2 141
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	10 451	8 243	1 836	1 226	29	581	370	2	156	592	5 051	4 404
RAILROADS	1 155	1 082	73	73	-	-	-	-	7	45	727	344
TRUCKING SERVICE AND WAREHOUSING	3 886	3 591	18	5	-	13	275	2	77	364	1 250	2 073
OTHER TRANSPORTATION	1 933	678	1 208	1 148	-	60	47	-	41	68	1 079	709
COMMUNICATIONS	1 684	1 654	23	-	9	14	7	-	12	42	827	767
UTILITIES AND SANITARY SERVICES	1 793	1 238	514	-	20	494	41	-	19	73	1 168	511
WHOLESALE TRADE	10 906	10 249	9	-	4	5	647	1	279	671	4 270	5 461
RETAIL TRADE	21 169	19 460	21	7	-	14	1 602	86	1 681	4 801	5 767	8 477
GENERAL MERCHANDISE STORES	1 301	1 296	-	-	-	-	5	-	58	285	536	401
FOOD, BAKERY, AND DAIRY STORES	4 473	4 263	19	7	-	12	191	-	361	1 086	1 405	1 546
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	4 065	3 753	2	-	-	2	288	22	152	615	999	2 233
EATING AND DRINKING PLACES	4 457	4 123	-	-	-	-	301	33	681	1 756	750	1 148
FINANCE, INSURANCE, AND REAL ESTATE	5 574	4 656	117	24	5	88	797	4	164	373	2 525	2 387
BANKING AND CREDIT AGENCIES	1 380	1 336	33	24	-	9	11	-	29	82	679	551
INSURANCE, REAL ESTATE, AND OTHER FINANCE	4 194	3 320	84	-	5	79	786	4	135	291	1 846	1 836
AUTOMOTIVE REPAIR AND SERVICES	2 032	1 511	68	9	-	59	449	4	115	278	668	910
OTHER BUSINESS AND REPAIR SERVICES	3 723	2 895	3	-	-	3	825	-	169	525	1 616	1 302
PRIVATE HOUSEHOLDS	79	73	-	-	-	-	6	-	40	-	19	20
OTHER PERSONAL SERVICES	1 520	1 099	5	-	-	5	389	27	121	215	486	644
ENTERTAINMENT AND RECREATION SERVICES	1 076	800	116	-	-	116	154	6	168	345	238	303
PROFESSIONAL AND RELATED SERVICES	16 984	9 253	6 006	72	898	5 036	1 712	13	974	1 875	7 262	6 498
HOSPITALS	1 868	1 569	275	8	61	206	24	-	62	263	988	513
HEALTH SERVICES, EXCEPT HOSPITALS	1 933	1 177	119	-	51	68	637	-	58	280	721	825
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	7 948	2 595	5 344	64	725	4 555	9	-	622	756	3 824	2 536
OTHER EDUCATIONAL SERVICES	208	89	110	-	8	102	9	-	4	71	74	52
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	2 305	1 955	104	-	53	51	233	13	163	369	634	1 107
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	2 722	1 868	54	-	-	54	800	-	65	136	1 021	1 465
PUBLIC ADMINISTRATION	4 244	-	4 244	718	1 059	2 467	-	-	54	181	2 620	1 283

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

GRAND RAPIDS, MI SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
WHITE												
FEMALES 16 YEARS AND OVER	108 858	90 119	14 987	1 091	2 373	11 523	2 973	779	11 853	30 691	48 708	13 034
AGRICULTURE	1 323	973	2	-	2	-	167	181	192	559	276	255
FORESTRY AND FISHERIES	6	4	2	2	-	-	-	-	-	4	-	-
MINING	24	24	-	-	-	-	-	-	-	2	15	-
CONSTRUCTION	965	789	113	-	20	93	24	39	114	194	536	80
MANUFACTURING	22 820	22 530	72	23	17	32	178	40	788	2 927	13 812	4 200
NONDURABLE GOODS	8 578	8 435	28	-	12	16	99	16	393	1 361	4 843	1 708
FOOD AND KINDRED PRODUCTS	1 789	1 785	-	-	-	-	-	4	70	364	1 029	284
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	1 286	1 231	16	-	-	16	39	-	49	165	786	231
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	1 800	1 741	12	-	12	-	35	12	188	383	874	287
CHEMICALS AND ALLIED PRODUCTS	2 003	1 996	-	-	-	-	7	-	43	286	1 114	540
DURABLE GOODS	14 242	14 095	44	23	5	16	79	24	395	1 566	8 969	2 492
FURNITURE, LUMBER, AND WOOD PRODUCTS	3 199	3 183	7	-	-	7	9	-	76	333	1 660	1 007
PRIMARY METAL INDUSTRIES	633	633	-	-	-	-	-	-	43	24	372	151
FABRICATED METAL INDUSTRIES	2 734	2 697	9	-	-	9	13	15	75	267	1 857	300
MACHINERY, EXCEPT ELECTRICAL	1 696	1 679	5	-	5	-	12	-	65	161	1 151	236
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	1 479	1 467	-	-	-	-	5	7	47	166	992	181
TRANSPORTATION EQUIPMENT	2 547	2 530	17	17	-	-	-	-	36	293	1 718	346
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	3 482	2 976	466	347	19	100	33	7	157	561	2 021	629
RAILROADS	25	25	-	-	-	-	-	-	-	11	9	5
TRUCKING SERVICE AND WAREHOUSING	767	758	-	-	-	-	7	2	45	162	396	125
OTHER TRANSPORTATION	784	355	411	347	8	56	18	-	78	154	354	180
COMMUNICATIONS	1 540	1 511	21	-	11	10	8	-	21	172	1 063	233
UTILITIES AND SANITARY SERVICES	366	327	34	-	-	34	-	5	13	62	199	86
WHOLESALE TRADE	3 555	3 425	-	-	-	-	82	48	190	705	1 989	573
RETAIL TRADE	24 319	23 239	169	45	68	56	706	205	4 096	10 206	6 882	2 045
GENERAL MERCHANDISE STORES	3 032	3 015	6	-	-	6	11	-	336	1 297	1 083	188
FOOD, BAKERY, AND DAIRY STORES	4 345	4 250	7	-	-	7	61	27	583	1 862	1 359	324
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	729	702	-	-	-	-	-	27	44	266	221	179
EATING AND DRINKING PLACES	8 322	8 046	72	9	34	29	143	61	1 849	3 904	1 573	574
FINANCE, INSURANCE, AND REAL ESTATE	7 820	7 473	150	69	30	51	154	43	468	1 559	4 702	945
BANKING AND CREDIT AGENCIES	3 610	3 495	115	69	24	22	-	-	195	718	2 247	345
INSURANCE, REAL ESTATE, AND OTHER FINANCE	4 210	3 978	35	-	6	29	154	43	273	841	2 455	600
AUTOMOTIVE REPAIR AND SERVICES	261	233	-	-	-	-	20	8	13	57	142	33
OTHER BUSINESS AND REPAIR SERVICES	2 708	2 287	29	2	16	11	317	75	262	918	1 072	340
PRIVATE HOUSEHOLDS	1 054	1 028	7	-	-	7	19	-	398	364	150	54
OTHER PERSONAL SERVICES	3 143	2 474	-	-	-	-	640	29	495	1 160	973	413
ENTERTAINMENT AND RECREATION SERVICES	973	875	67	-	7	60	31	-	236	350	268	70
PROFESSIONAL AND RELATED SERVICES	33 627	21 789	11 132	150	1 352	9 630	602	104	4 187	10 706	14 089	3 135
HOSPITALS	7 986	6 866	1 100	20	242	838	7	13	536	2 310	4 009	756
HEALTH SERVICES, EXCEPT HOSPITALS	6 843	6 387	319	28	109	182	95	42	595	2 932	2 510	449
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	13 227	4 252	8 945	54	867	8 024	18	12	2 152	3 817	5 513	1 143
OTHER EDUCATIONAL SERVICES	761	307	313	5	14	294	141	-	201	271	205	51
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	2 983	2 409	396	40	105	251	160	18	570	987	954	377
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	1 827	1 568	59	3	15	41	181	19	133	389	898	359
PUBLIC ADMINISTRATION	2 778	-	2 778	453	842	1 483	-	-	257	419	1 781	262

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

GRAND RAPIDS, MI SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS TOTAL	FEDERAL	STATE	LOCAL	SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
BLACK												
MALES 16 YEARS AND OVER.	5 203	4 173	902	168	150	584	128	-	265	561	3 142	955
AGRICULTURE.	13	-	6	-	-	6	7	-	-	7	6	-
FORESTRY AND FISHERIES	15	7	8	-	-	8	-	-	-	8	7	-
MINING	4	4	-	-	-	-	-	-	-	-	4	-
CONSTRUCTION	211	192	19	7	5	7	-	-	8	12	153	19
MANUFACTURING.	2 448	2 387	49	16	7	26	12	-	70	153	1 638	483
NONDURABLE GOODS	400	381	19	-	7	12	-	-	13	12	307	63
FOOD AND KINDRED PRODUCTS.	188	181	7	-	7	-	-	-	13	7	135	33
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS.	46	39	7	-	-	7	-	-	-	-	42	4
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES.	57	57	-	-	-	-	-	-	-	5	43	9
CHEMICALS AND ALLIED PRODUCTS.	37	32	5	-	-	5	-	-	-	-	32	5
DURABLE GOODS.	2 048	2 006	30	16	-	14	12	-	57	141	1 331	420
FURNITURE, LUMBER, AND WOOD PRODUCTS	596	571	25	11	-	14	-	-	6	31	308	212
PRIMARY METAL INDUSTRIES	197	197	-	-	-	-	-	-	6	6	132	43
FABRICATED METAL INDUSTRIES.	290	290	-	-	-	-	-	-	8	8	226	37
MACHINERY, EXCEPT ELECTRICAL	128	123	5	5	-	-	-	-	-	6	107	11
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES.	28	28	-	-	-	-	-	-	-	20	8	-
TRANSPORTATION EQUIPMENT	642	630	-	-	-	-	12	-	31	62	424	95
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES.	352	279	73	32	-	41	-	-	12	2	213	86
RAILROADS.	88	82	6	6	-	-	-	-	5	-	53	17
TRUCKING SERVICE AND WAREHOUSING	78	78	-	-	-	-	-	-	7	-	50	21
OTHER TRANSPORTATION	63	23	40	26	-	14	-	-	-	2	32	16
COMMUNICATIONS	62	62	-	-	-	-	-	-	-	-	38	19
UTILITIES AND SANITARY SERVICES.	61	34	27	-	-	27	-	-	-	-	40	13
WHOLESALE TRADE.	165	165	-	-	-	-	-	-	12	4	95	45
RETAIL TRADE	528	515	-	-	-	-	13	-	75	111	224	102
GENERAL MERCHANDISE STORES	71	71	-	-	-	-	-	-	-	19	32	16
FOOD, BAKERY, AND DAIRY STORES	101	101	-	-	-	-	-	-	28	21	31	21
AUTOMOTIVE DEALERS AND GASOLINE STATIONS.	84	79	-	-	-	-	5	-	-	10	36	32
EATING AND DRINKING PLACES	176	176	-	-	-	-	-	-	30	55	85	-
FINANCE, INSURANCE, AND REAL ESTATE.	81	48	25	7	-	18	8	-	-	17	36	27
BANKING AND CREDIT AGENCIES.	12	5	7	7	-	-	-	-	-	-	7	5
INSURANCE, REAL ESTATE, AND OTHER FINANCE	69	43	18	-	-	18	8	-	-	17	29	22
AUTOMOTIVE REPAIR AND SERVICES	63	46	-	-	-	-	17	-	-	2	49	12
OTHER BUSINESS AND REPAIR SERVICES	131	106	-	-	-	-	25	-	17	53	51	-
PRIVATE HOUSEHOLDS	11	11	-	-	-	-	-	-	-	11	-	-
OTHER PERSONAL SERVICES.	76	53	-	-	-	-	23	-	4	13	42	17
ENTERTAINMENT AND RECREATION SERVICES.	45	25	11	5	-	6	9	-	15	12	7	4
PROFESSIONAL AND RELATED SERVICES.	778	335	429	39	57	333	14	-	42	134	433	129
HOSPITALS.	189	157	32	5	12	15	-	-	11	29	106	20
HEALTH SERVICES, EXCEPT HOSPITALS.	18	18	-	-	-	-	-	-	3	6	9	-
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES.	424	62	362	17	45	300	-	-	15	89	254	58
OTHER EDUCATIONAL SERVICES	-	-	-	-	-	-	-	-	-	-	-	-
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS.	124	83	27	9	-	18	14	-	13	10	45	47
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	23	15	8	8	-	-	-	-	-	-	19	4
PUBLIC ADMINISTRATION.	282	-	282	62	81	139	-	-	10	22	184	31

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

GRAND RAPIDS, MI SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
BLACK												
FEMALES 16 YEARS AND OVER	5 551	4 012	1 461	197	327	937	78	-	271	962	3 527	481
AGRICULTURE	-	-	-	-	-	-	-	-	-	-	-	-
FORESTRY AND FISHERIES	-	-	-	-	-	-	-	-	-	-	-	-
MINING	-	-	-	-	-	-	-	-	-	-	-	-
CONSTRUCTION	13	5	8	-	8	-	-	-	-	-	-	8
MANUFACTURING	1 764	1 707	57	18	-	39	-	-	60	233	1 189	195
NONDURABLE GOODS	433	433	-	-	-	-	-	-	22	82	269	41
FOOD AND KINDRED PRODUCTS	81	81	-	-	-	-	-	-	7	2	48	24
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	140	140	-	-	-	-	-	-	7	22	99	-
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	62	62	-	-	-	-	-	-	-	22	26	7
CHEMICALS AND ALLIED PRODUCTS	82	82	-	-	-	-	-	-	-	17	59	6
DURABLE GOODS	1 331	1 274	57	18	-	39	-	-	38	151	920	154
FURNITURE, LUMBER, AND WOOD PRODUCTS	224	219	5	-	-	5	-	-	5	17	114	77
PRIMARY METAL INDUSTRIES	57	57	-	-	-	-	-	-	-	-	48	9
FABRICATED METAL INDUSTRIES	251	244	7	-	-	7	-	-	6	27	182	12
MACHINERY, EXCEPT ELECTRICAL	211	199	12	-	-	12	-	-	-	35	159	17
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	38	29	9	-	-	9	-	-	-	-	38	-
TRANSPORTATION EQUIPMENT	355	349	6	6	-	-	-	-	6	28	291	10
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	283	217	66	37	-	29	-	-	4	37	207	21
RAILROADS	-	-	-	-	-	-	-	-	-	-	-	-
TRUCKING SERVICE AND WAREHOUSING	17	17	-	-	-	-	-	-	4	6	7	-
OTHER TRANSPORTATION	65	15	50	37	-	13	-	-	-	8	52	5
COMMUNICATIONS	157	157	-	-	-	-	-	-	-	23	104	16
UTILITIES AND SANITARY SERVICES	44	28	16	-	-	16	-	-	-	-	44	-
WHOLESALE TRADE	78	78	-	-	-	-	-	-	6	14	40	9
RETAIL TRADE	565	550	15	-	8	7	-	-	37	161	310	10
GENERAL MERCHANDISE STORES	102	102	-	-	-	-	-	-	12	28	51	-
FOOD, BAKERY, AND DAIRY STORES	83	83	-	-	-	-	-	-	-	23	47	6
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	12	12	-	-	-	-	-	-	-	-	8	4
EATING AND DRINKING PLACES	217	202	15	-	8	7	-	-	25	81	88	-
FINANCE, INSURANCE, AND REAL ESTATE	212	195	17	6	11	-	-	-	-	18	153	26
BANKING AND CREDIT AGENCIES	119	113	6	6	-	-	-	-	-	18	80	6
INSURANCE, REAL ESTATE, AND OTHER FINANCE	93	82	11	-	11	-	-	-	-	-	73	20
AUTOMOTIVE REPAIR AND SERVICES	4	4	-	-	-	-	-	-	-	-	4	-
OTHER BUSINESS AND REPAIR SERVICES	90	84	6	-	-	6	-	-	7	23	49	-
PRIVATE HOUSEHOLDS	102	102	-	-	-	-	-	-	31	37	24	4
OTHER PERSONAL SERVICES	206	140	12	-	-	12	54	-	16	56	114	3
ENTERTAINMENT AND RECREATION SERVICES	30	14	11	-	-	11	5	-	14	4	12	-
PROFESSIONAL AND RELATED SERVICES	1 854	916	919	76	183	660	19	-	85	347	1 140	191
HOSPITALS	522	359	163	6	34	123	-	-	10	30	411	43
HEALTH SERVICES, EXCEPT HOSPITALS	288	249	39	12	21	6	-	-	-	74	174	34
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	800	163	637	47	115	475	-	-	58	199	426	82
OTHER EDUCATIONAL SERVICES	33	13	20	-	7	13	-	-	13	6	14	-
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	171	113	45	-	6	39	13	-	-	38	90	21
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	40	19	15	11	-	4	6	-	4	-	25	11
PUBLIC ADMINISTRATION	350	-	350	60	117	173	-	-	11	32	285	14

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

KALAMAZOO-PORTAGE, MI SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
MALES 16 YEARS AND OVER	69 781	54 695	9 964	1 332	3 973	4 659	5 000	122	3 413	7 906	32 777	23 922
AGRICULTURE	2 227	1 266	9	6	-	3	912	40	178	418	583	995
FORESTRY AND FISHERIES	45	17	28	2	26	-	-	-	-	4	25	16
MINING	36	29	-	-	-	-	7	-	-	5	13	18
CONSTRUCTION	4 928	3 572	444	8	108	328	897	15	264	685	2 687	1 064
MANUFACTURING	25 487	25 249	55	18	21	16	170	13	315	1 259	14 593	8 617
NONDURABLE GOODS	12 041	11 963	27	6	21	-	47	4	179	549	6 602	4 411
FOOD AND KINDRED PRODUCTS	1 349	1 341	-	-	-	-	6	2	15	88	649	566
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	61	59	-	-	-	-	-	2	6	5	29	21
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	1 128	1 081	8	-	8	-	39	-	90	139	480	408
CHEMICALS AND ALLIED PRODUCTS	4 461	4 461	-	-	-	-	-	-	19	77	2 904	1 369
DURABLE GOODS	13 446	13 286	28	12	-	16	123	9	136	710	7 991	4 206
FURNITURE, LUMBER, AND WOOD PRODUCTS	630	596	-	-	-	-	34	-	5	83	295	220
PRIMARY METAL INDUSTRIES	887	887	-	-	-	-	-	-	7	46	532	265
FABRICATED METAL INDUSTRIES	1 526	1 504	6	-	-	6	7	9	4	75	851	520
MACHINERY, EXCEPT ELECTRICAL	3 661	3 621	-	-	-	-	40	-	36	189	1 954	1 408
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	339	327	-	-	-	-	12	-	4	21	203	105
TRANSPORTATION EQUIPMENT	5 273	5 238	20	12	-	8	15	-	51	230	3 492	1 335
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	4 255	3 142	1 005	697	45	263	108	-	106	331	2 193	1 509
RAILROADS	255	202	53	53	-	-	-	-	10	3	166	67
TRUCKING SERVICE AND WAREHOUSING	1 398	1 292	11	7	-	4	95	-	38	205	438	646
OTHER TRANSPORTATION	995	260	722	628	6	88	13	-	22	63	617	285
COMMUNICATIONS	739	715	24	9	7	8	-	-	31	29	422	250
UTILITIES AND SANITARY SERVICES	868	673	195	-	32	163	-	-	5	31	550	261
WHOLESALE TRADE	3 299	3 093	-	-	-	-	206	-	66	220	1 344	1 591
RETAIL TRADE	9 387	8 435	138	-	131	7	791	23	888	2 348	2 422	3 524
GENERAL MERCHANDISE STORES	783	771	-	-	-	-	12	-	35	199	281	257
FOOD, BAKERY, AND DAIRY STORES	1 393	1 277	-	-	-	-	116	-	134	440	374	425
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	1 858	1 751	11	-	6	5	94	2	62	213	493	1 059
EATING AND DRINKING PLACES	2 389	2 168	87	-	87	-	134	-	483	972	365	511
FINANCE, INSURANCE, AND REAL ESTATE	2 537	2 140	34	12	1	21	363	-	102	269	1 201	926
BANKING AND CREDIT AGENCIES	771	766	5	4	1	-	-	-	10	78	406	251
INSURANCE, REAL ESTATE, AND OTHER FINANCE	1 766	1 374	29	8	-	21	363	-	92	191	795	675
AUTOMOTIVE REPAIR AND SERVICES	878	674	-	-	-	-	204	-	46	83	384	340
OTHER BUSINESS AND REPAIR SERVICES	1 918	1 509	34	8	18	8	356	19	118	311	768	687
PRIVATE HOUSEHOLDS	47	40	-	-	-	-	-	7	11	25	2	9
OTHER PERSONAL SERVICES	974	774	-	-	-	-	195	5	32	200	359	353
ENTERTAINMENT AND RECREATION SERVICES	581	497	30	-	20	10	54	-	113	215	106	129
PROFESSIONAL AND RELATED SERVICES	10 968	4 258	5 973	183	3 095	2 695	737	-	1 107	1 405	4 852	3 437
HOSPITALS	1 895	1 101	771	105	585	81	23	-	16	198	1 137	520
HEALTH SERVICES, EXCEPT HOSPITALS	924	604	77	-	16	61	243	-	27	113	381	381
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	5 886	950	4 933	53	2 432	2 448	3	-	924	792	2 509	1 555
OTHER EDUCATIONAL SERVICES	104	28	45	-	13	32	31	-	33	10	56	5
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	1 100	896	120	12	49	59	84	-	84	200	336	474
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	1 059	679	27	13	-	14	353	-	23	92	433	502
PUBLIC ADMINISTRATION	2 214	-	2 214	398	508	1 308	-	-	67	128	1 245	707

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

KALAMAZOO-PORTAGE, MI SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
FEMALES 16 YEARS AND OVER	54 428	40 929	11 268	855	3 864	6 549	1 853	378	5 767	14 000	25 736	7 031
AGRICULTURE	1 199	913	6	-	6	-	215	65	95	404	447	226
FORESTRY AND FISHERIES	-	-	-	-	-	-	-	-	-	-	-	-
MINING	6	6	-	-	-	-	-	-	-	-	6	-
CONSTRUCTION	330	285	19	-	8	11	8	18	7	84	177	37
MANUFACTURING	9 885	9 713	51	-	14	37	93	28	261	1 248	6 475	1 452
NONDURABLE GOODS	6 147	6 017	34	-	14	20	75	21	175	777	4 049	933
FOOD AND KINDRED PRODUCTS	749	732	11	-	7	4	6	-	28	138	418	120
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	92	64	-	-	-	-	28	-	21	19	33	9
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	740	691	13	-	7	6	30	6	72	208	335	104
CHEMICALS AND ALLIED PRODUCTS	2 649	2 644	5	-	-	5	-	-	22	244	1 985	351
DURABLE GOODS	3 738	3 696	17	-	-	17	18	7	86	471	2 426	519
FURNITURE, LUMBER, AND WOOD PRODUCTS	204	197	-	-	-	-	7	-	2	44	142	11
PRIMARY METAL INDUSTRIES	264	258	6	-	-	6	-	-	16	19	183	29
FABRICATED METAL INDUSTRIES	368	361	-	-	-	-	-	7	8	75	204	42
MACHINERY, EXCEPT ELECTRICAL	626	618	-	-	-	-	8	-	14	90	364	130
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	322	322	-	-	-	-	-	-	13	50	199	41
TRANSPORTATION EQUIPMENT	1 235	1 224	11	-	-	11	-	-	11	112	817	198
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	1 609	1 164	438	365	12	61	7	-	66	254	955	288
RAILROADS	-	-	-	-	-	-	-	-	-	-	-	-
TRUCKING SERVICE AND WAREHOUSING	194	180	7	-	-	7	7	-	1	41	76	70
OTHER TRANSPORTATION	537	130	407	359	8	40	-	-	37	150	292	42
COMMUNICATIONS	628	618	10	6	4	-	-	-	25	49	413	117
UTILITIES AND SANITARY SERVICES	250	236	14	-	-	14	-	-	3	14	174	59
WHOLESALE TRADE	952	895	-	-	-	-	38	19	38	174	575	157
RETAIL TRADE	11 012	10 260	181	7	153	21	428	143	1 715	4 629	3 117	1 171
GENERAL MERCHANDISE STORES	1 608	1 597	-	-	-	-	9	2	119	596	678	143
FOOD, BAKERY, AND DAIRY STORES	1 322	1 242	6	-	-	6	53	21	105	638	377	128
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	386	348	9	-	-	9	19	10	8	94	187	89
EATING AND DRINKING PLACES	4 196	3 922	136	7	128	1	112	26	888	1 981	751	429
FINANCE, INSURANCE, AND REAL ESTATE	3 081	2 900	63	11	22	30	102	16	124	551	1 884	408
BANKING AND CREDIT AGENCIES	1 611	1 579	32	11	7	14	-	-	40	220	1 101	221
INSURANCE, REAL ESTATE, AND OTHER FINANCE	1 470	1 321	31	-	15	16	102	16	84	331	783	187
AUTOMOTIVE REPAIR AND SERVICES	104	67	9	-	-	9	21	7	6	44	29	19
OTHER BUSINESS AND REPAIR SERVICES	1 241	1 053	20	2	13	5	146	22	92	318	493	310
PRIVATE HOUSEHOLDS	704	695	-	-	-	-	9	-	256	235	104	76
OTHER PERSONAL SERVICES	1 872	1 369	32	-	2	30	448	23	185	685	672	266
ENTERTAINMENT AND RECREATION SERVICES	535	446	39	-	6	33	40	10	166	158	153	42
PROFESSIONAL AND RELATED SERVICES	20 240	11 163	8 752	248	3 072	5 432	298	27	2 671	5 003	9 586	2 310
HOSPITALS	5 249	4 256	993	111	613	269	-	-	190	1 301	2 882	624
HEALTH SERVICES, EXCEPT HOSPITALS	3 251	2 973	223	17	64	142	43	12	264	990	1 561	313
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	8 828	1 895	6 933	59	2 271	4 603	-	-	1 740	1 867	4 084	943
OTHER EDUCATIONAL SERVICES	436	83	253	29	13	211	100	-	155	163	87	20
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	1 665	1 234	333	20	106	207	92	6	262	521	582	232
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	811	722	17	12	5	-	63	9	60	161	390	178
PUBLIC ADMINISTRATION	1 658	-	1 658	222	556	880	-	-	85	213	1 063	269

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

LANSING-EAST LANSING, MI SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
MALES 16 YEARS AND OVER.	117 383	80 631	28 331	2 242	17 550	8 539	8 151	270	5 787	14 264	55 915	37 774
AGRICULTURE.	3 943	1 419	96	18	69	9	2 283	145	317	670	743	2 081
FORESTRY AND FISHERIES	60	10	50	17	20	13	-	-	-	-	43	17
MINING	256	254	-	-	-	-	2	-	22	16	103	105
CONSTRUCTION	7 707	5 381	1 007	12	517	478	1 300	19	330	1 305	3 975	1 758
MANUFACTURING.	35 486	35 017	192	19	125	48	257	20	511	1 717	20 844	11 141
NONDURABLE GOODS	4 459	4 237	102	-	102	-	106	14	192	353	2 176	1 576
FOOD AND KINDRED PRODUCTS.	1 257	1 221	17	-	17	-	19	-	20	68	546	568
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS.	120	118	2	-	2	-	-	-	8	24	39	49
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES.	1 457	1 277	83	-	83	-	83	14	127	187	747	365
CHEMICALS AND ALLIED PRODUCTS.	555	555	-	-	-	-	-	-	13	21	291	185
DURABLE GOODS.	31 027	30 780	90	19	23	48	151	6	319	1 364	18 668	9 565
FURNITURE, LUMBER, AND WOOD PRODUCTS	723	693	4	-	4	-	24	2	10	68	326	284
PRIMARY METAL INDUSTRIES	844	839	-	-	-	-	5	-	9	93	469	237
FABRICATED METAL INDUSTRIES.	2 426	2 403	11	6	-	5	12	-	81	134	1 360	721
MACHINERY, EXCEPT ELECTRICAL	3 909	3 867	6	2	2	2	36	-	39	205	1 995	1 554
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES.	536	533	-	-	-	-	3	-	-	33	304	190
TRANSPORTATION EQUIPMENT	21 568	21 469	61	11	15	35	34	4	149	770	13 683	6 199
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES.	6 460	4 122	2 095	919	156	1 020	243	-	126	433	3 292	2 399
RAILROADS.	336	279	57	55	2	-	-	-	2	24	180	115
TRUCKING SERVICE AND WAREHOUSING	1 844	1 636	38	8	18	12	170	-	58	203	615	883
OTHER TRANSPORTATION	1 463	389	1 035	851	53	131	39	-	10	100	777	541
COMMUNICATIONS	1 078	1 025	46	-	46	-	7	-	37	47	515	459
UTILITIES AND SANITARY SERVICES.	1 739	793	919	5	37	877	27	-	19	59	1 205	401
WHOLESALE TRADE.	5 091	4 742	37	-	37	-	308	4	63	324	2 046	2 523
RETAIL TRADE	15 859	14 498	143	3	125	15	1 168	50	1 327	4 143	4 180	5 717
GENERAL MERCHANDISE STORES	1 549	1 532	-	-	-	-	17	-	64	377	600	432
FOOD, BAKERY, AND DAIRY STORES	2 621	2 492	-	-	-	-	117	12	159	787	809	763
AUTOMOTIVE DEALERS AND GASOLINE STATIONS.	2 972	2 768	4	3	-	1	195	5	49	411	748	1 695
EATING AND DRINKING PLACES	4 393	4 033	91	-	91	-	269	-	666	1 893	799	884
FINANCE, INSURANCE, AND REAL ESTATE.	4 636	4 049	134	11	43	80	453	-	124	345	2 253	1 849
BANKING AND CREDIT AGENCIES.	1 220	1 204	16	9	7	-	-	-	20	82	665	453
INSURANCE, REAL ESTATE, AND OTHER FINANCE	3 416	2 845	118	2	36	80	453	-	104	263	1 588	1 396
AUTOMOTIVE REPAIR AND SERVICES	1 207	889	76	-	27	49	242	-	23	153	509	490
OTHER BUSINESS AND REPAIR SERVICES	2 733	2 042	132	19	88	25	554	5	112	457	1 142	940
PRIVATE HOUSEHOLDS	90	90	-	-	-	-	-	-	28	29	18	15
OTHER PERSONAL SERVICES.	1 091	831	17	-	17	-	243	-	150	192	340	372
ENTERTAINMENT AND RECREATION SERVICES.	784	558	86	6	28	52	140	-	133	213	237	174
PROFESSIONAL AND RELATED SERVICES.	20 862	6 729	13 148	233	8 536	4 379	958	27	2 373	3 565	8 352	6 001
HOSPITALS.	1 610	1 262	335	23	161	151	13	-	7	227	808	518
HEALTH SERVICES, EXCEPT HOSPITALS.	1 495	920	218	-	120	98	357	-	69	190	679	520
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES.	13 716	2 055	11 639	182	7 505	3 952	16	6	2 100	2 690	5 109	3 432
OTHER EDUCATIONAL SERVICES	137	52	48	-	15	33	37	-	55	38	28	16
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS.	2 182	1 314	741	20	621	100	106	21	81	237	1 068	751
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	1 722	1 126	167	8	114	45	429	-	61	183	660	764
PUBLIC ADMINISTRATION.	11 118	-	11 118	985	7 762	2 371	-	-	148	702	7 838	2 192

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

LANSING-EAST LANSING, MI SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
FEMALES 16 YEARS AND OVER	92 407	57 234	31 615	1 484	17 922	12 209	3 082	476	9 382	22 582	45 829	11 019
AGRICULTURE	874	386	51	-	51	-	344	93	196	220	193	245
FORESTRY AND FISHERIES	25	12	13	11	2	-	-	-	-	8	11	6
MINING	54	54	-	-	-	-	-	-	-	14	32	2
CONSTRUCTION	819	617	143	-	109	34	50	9	84	175	436	96
MANUFACTURING	9 110	8 861	126	10	57	59	109	14	269	1 080	5 707	1 435
NONDURABLE GOODS	2 585	2 451	64	5	37	22	70	-	139	514	1 420	341
FOOD AND KINDRED PRODUCTS	437	417	9	3	6	-	11	-	13	113	211	72
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	180	180	-	-	-	-	-	-	-	9	122	13
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	1 147	1 046	42	2	31	9	59	-	104	318	513	162
CHEMICALS AND ALLIED PRODUCTS	278	278	-	-	-	-	-	-	5	28	174	48
DURABLE GOODS	6 525	6 410	62	5	20	37	39	14	130	566	4 287	1 094
FURNITURE, LUMBER, AND WOOD PRODUCTS	182	168	-	-	-	-	2	12	10	27	79	56
PRIMARY METAL INDUSTRIES	348	336	12	-	5	7	-	-	8	22	266	38
FABRICATED METAL INDUSTRIES	654	648	6	-	3	3	-	-	21	55	449	109
MACHINERY, EXCEPT ELECTRICAL	1 023	1 009	3	3	-	-	9	2	13	130	694	144
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	305	304	1	-	-	1	-	-	6	35	208	43
TRANSPORTATION EQUIPMENT	3 559	3 520	28	2	-	26	11	-	69	230	2 305	632
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	2 775	2 136	605	447	35	123	29	5	140	451	1 567	534
RAILROADS	7	-	7	-	7	-	-	-	-	-	-	7
TRUCKING SERVICE AND WAREHOUSING	333	297	18	16	-	2	18	-	42	75	149	62
OTHER TRANSPORTATION	885	395	476	430	12	34	9	5	60	216	403	171
COMMUNICATIONS	1 174	1 156	18	-	16	2	-	-	36	102	760	248
UTILITIES AND SANITARY SERVICES	376	288	86	1	-	85	2	-	2	58	255	46
WHOLESALE TRADE	1 626	1 543	6	-	-	6	25	52	87	332	841	315
RETAIL TRADE	17 427	16 299	273	6	225	42	715	140	2 333	7 021	5 345	1 946
GENERAL MERCHANDISE STORES	2 958	2 934	12	-	5	7	10	2	258	1 048	1 185	287
FOOD, BAKERY, AND DAIRY STORES	2 234	2 122	-	-	-	-	101	11	176	883	745	346
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	600	579	-	-	-	-	11	10	31	148	241	166
EATING AND DRINKING PLACES	6 426	6 106	166	-	133	33	130	24	1 065	3 017	1 468	572
FINANCE, INSURANCE, AND REAL ESTATE	6 966	6 521	224	37	120	67	204	17	311	1 209	4 439	805
BANKING AND CREDIT AGENCIES	3 011	2 937	74	28	29	17	-	-	91	550	1 860	414
INSURANCE, REAL ESTATE, AND OTHER FINANCE	3 955	3 584	150	9	91	50	204	17	220	659	2 579	391
AUTOMOTIVE REPAIR AND SERVICES	184	142	-	-	-	-	22	20	4	54	81	45
OTHER BUSINESS AND REPAIR SERVICES	2 116	1 777	155	11	124	20	170	14	253	568	960	257
PRIVATE HOUSEHOLDS	1 057	1 048	-	-	-	-	9	-	350	329	224	122
OTHER PERSONAL SERVICES	2 851	1 969	56	10	33	13	816	10	292	950	1 000	526
ENTERTAINMENT AND RECREATION SERVICES	561	509	6	-	2	4	46	-	143	224	125	49
PROFESSIONAL AND RELATED SERVICES	35 079	15 360	19 074	378	8 571	10 125	543	102	4 653	8 878	16 644	3 696
HOSPITALS	5 944	4 896	1 043	24	350	669	-	5	212	1 352	3 330	790
HEALTH SERVICES, EXCEPT HOSPITALS	4 361	3 488	733	6	192	535	102	38	276	1 236	2 267	453
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	18 968	3 570	15 382	270	6 740	8 372	10	6	3 487	4 977	8 163	1 705
OTHER EDUCATIONAL SERVICES	510	92	289	16	94	179	129	-	164	160	133	28
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	3 859	2 107	1 522	52	1 120	350	201	29	379	830	2 015	495
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	1 437	1 207	105	10	75	20	101	24	135	323	736	225
PUBLIC ADMINISTRATION	10 883	-	10 883	574	8 593	1 716	-	-	267	1 069	8 224	940

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

LANSING-EAST LANSING, MI SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
WHITE												
MALES 16 YEARS AND OVER	110 171	75 872	26 037	2 037	16 057	7 943	8 014	248	5 379	13 189	51 879	36 355
AGRICULTURE	3 873	1 369	87	18	60	9	2 278	139	317	650	706	2 068
FORESTRY AND FISHERIES	60	10	50	17	20	13	-	-	-	-	43	17
MINING	250	248	-	-	-	-	2	-	22	16	103	101
CONSTRUCTION	7 402	5 167	960	6	502	452	1 272	3	330	1 235	3 803	1 711
MANUFACTURING	32 937	32 492	168	12	121	35	257	20	447	1 581	19 109	10 661
NONDURABLE GOODS	4 298	4 080	98	-	98	-	106	14	185	328	2 088	1 551
FOOD AND KINDRED PRODUCTS	1 209	1 173	17	-	17	-	19	-	20	56	514	564
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	120	118	2	-	2	-	-	-	8	24	39	49
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	1 412	1 236	79	-	79	-	83	14	122	174	720	365
CHEMICALS AND ALLIED PRODUCTS	502	502	-	-	-	-	-	-	11	21	277	164
DURABLE GOODS	28 639	28 412	70	12	23	35	151	6	262	1 253	17 021	9 110
FURNITURE, LUMBER, AND WOOD PRODUCTS	699	669	4	-	4	-	24	2	7	68	316	273
PRIMARY METAL INDUSTRIES	808	803	-	-	-	-	5	-	9	91	443	232
FABRICATED METAL INDUSTRIES	2 302	2 282	8	3	-	5	12	-	67	133	1 270	702
MACHINERY, EXCEPT ELECTRICAL	3 820	3 780	4	-	2	2	36	-	24	199	1 930	1 551
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	525	522	-	-	-	-	3	-	-	33	293	190
TRANSPORTATION EQUIPMENT	19 500	19 416	46	9	15	22	34	4	124	668	12 259	5 797
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	6 059	3 918	1 911	853	141	917	230	-	114	396	3 059	2 283
RAILROADS	329	277	52	50	2	-	-	-	2	24	175	113
TRUCKING SERVICE AND WAREHOUSING	1 711	1 533	21	-	18	3	157	-	50	179	558	839
OTHER TRANSPORTATION	1 351	369	943	798	43	102	39	-	10	89	721	499
COMMUNICATIONS	1 013	965	41	-	41	-	7	-	37	47	473	436
UTILITIES AND SANITARY SERVICES	1 655	774	854	5	37	812	27	-	15	57	1 132	396
WHOLESALE TRADE	4 936	4 594	30	-	30	-	308	4	58	318	1 952	2 480
RETAIL TRADE	15 025	13 709	130	3	119	8	1 136	50	1 263	3 884	3 873	5 552
GENERAL MERCHANDISE STORES	1 440	1 423	-	-	-	-	17	-	59	326	551	428
FOOD, BAKERY, AND DAIRY STORES	2 437	2 308	-	-	-	-	117	12	145	706	749	757
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	2 860	2 661	4	3	-	1	190	5	49	403	693	1 646
EATING AND DRINKING PLACES	4 121	3 777	85	-	85	-	259	-	636	1 798	721	831
FINANCE, INSURANCE, AND REAL ESTATE	4 441	3 906	105	11	32	62	430	-	124	309	2 122	1 821
BANKING AND CREDIT AGENCIES	1 168	1 152	16	9	7	-	-	-	20	69	626	453
INSURANCE, REAL ESTATE, AND OTHER FINANCE	3 273	2 754	89	2	25	62	430	-	104	240	1 496	1 368
AUTOMOTIVE REPAIR AND SERVICES	1 170	869	59	-	16	43	242	-	23	148	481	486
OTHER BUSINESS AND REPAIR SERVICES	2 579	1 931	101	10	70	21	542	5	105	416	1 084	905
PRIVATE HOUSEHOLDS	84	84	-	-	-	-	-	-	28	29	12	15
OTHER PERSONAL SERVICES	998	738	17	-	17	-	243	-	138	176	295	352
ENTERTAINMENT AND RECREATION SERVICES	753	543	80	6	28	46	130	-	131	200	221	174
PROFESSIONAL AND RELATED SERVICES	19 425	6 294	12 160	203	7 827	4 130	944	27	2 152	3 228	7 816	5 694
HOSPITALS	1 485	1 177	295	20	124	151	13	-	7	194	757	477
HEALTH SERVICES, EXCEPT HOSPITALS	1 426	868	208	-	115	93	350	-	61	190	654	484
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	12 651	1 864	10 765	155	6 875	3 735	16	6	1 893	2 421	4 740	3 247
OTHER EDUCATIONAL SERVICES	124	39	48	-	15	33	37	-	49	38	21	16
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	2 058	1 249	689	20	590	79	99	21	81	214	1 007	712
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	1 681	1 097	155	8	108	39	429	-	61	171	637	758
PUBLIC ADMINISTRATION	10 179	-	10 179	898	7 074	2 207	-	-	127	603	7 200	2 035

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

LANSING-EAST LANSING, MI SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
WHITE												
FEMALES 16 YEARS AND OVER	86 087	53 869	28 812	1 241	16 314	11 257	2 940	466	8 689	21 419	42 315	10 421
AGRICULTURE	865	386	42	-	42	-	344	93	196	220	184	245
FORESTRY AND FISHERIES	25	12	13	11	2	-	-	-	-	8	11	6
MINING	52	52	-	-	-	-	-	-	-	14	30	2
CONSTRUCTION	787	596	132	-	98	34	50	9	78	170	423	96
MANUFACTURING	8 238	8 009	113	10	52	51	102	14	265	1 039	5 109	1 303
NONDURABLE GOODS	2 504	2 370	64	5	37	22	70	-	139	503	1 377	327
FOOD AND KINDRED PRODUCTS	407	387	9	3	6	-	11	-	13	103	200	65
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	180	180	-	-	-	-	-	-	-	9	122	13
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	1 115	1 014	42	2	31	9	59	-	104	317	495	160
CHEMICALS AND ALLIED PRODUCTS	266	266	-	-	-	-	-	-	5	28	167	43
DURABLE GOODS	5 734	5 639	49	5	15	29	32	14	126	536	3 732	976
FURNITURE, LUMBER, AND WOOD PRODUCTS	172	158	-	-	-	-	2	12	10	27	69	56
PRIMARY METAL INDUSTRIES	333	326	7	-	-	7	-	-	8	22	258	33
FABRICATED METAL INDUSTRIES	654	648	6	-	3	3	-	-	21	55	449	109
MACHINERY, EXCEPT ELECTRICAL	1 003	996	3	3	-	-	2	2	13	122	682	144
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	287	286	1	-	-	1	-	-	6	35	192	41
TRANSPORTATION EQUIPMENT	2 843	2 812	20	2	-	18	11	-	65	208	1 798	521
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	2 523	1 939	550	407	35	108	29	5	132	420	1 399	501
RAILROADS	7	-	7	-	7	-	-	-	-	-	-	7
TRUCKING SERVICE AND WAREHOUSING	287	257	12	10	-	2	18	-	34	64	122	62
OTHER TRANSPORTATION	832	376	442	396	12	34	9	5	60	216	366	155
COMMUNICATIONS	1 068	1 050	18	-	16	2	-	-	36	90	686	234
UTILITIES AND SANITARY SERVICES	329	256	71	1	-	70	2	-	2	50	225	43
WHOLESALE TRADE	1 564	1 481	6	-	-	6	25	52	87	326	791	309
RETAIL TRADE	16 710	15 611	273	6	225	42	693	133	2 212	6 800	5 078	1 887
GENERAL MERCHANDISE STORES	2 763	2 739	12	-	5	7	10	2	238	995	1 089	275
FOOD, BAKERY, AND DAIRY STORES	2 152	2 049	-	-	-	-	99	4	160	865	713	340
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	600	579	-	-	-	-	11	10	31	148	241	166
EATING AND DRINKING PLACES	6 133	5 820	166	-	133	33	123	24	1 030	2 893	1 377	554
FINANCE, INSURANCE, AND REAL ESTATE	6 555	6 169	178	26	109	43	191	17	279	1 157	4 165	765
BANKING AND CREDIT AGENCIES	2 830	2 770	60	20	23	17	-	-	83	523	1 749	388
INSURANCE, REAL ESTATE, AND OTHER FINANCE	3 725	3 399	118	6	86	26	191	17	196	634	2 416	377
AUTOMOTIVE REPAIR AND SERVICES	184	142	-	-	-	-	22	20	4	54	81	45
OTHER BUSINESS AND REPAIR SERVICES	1 961	1 649	131	5	120	6	167	14	246	508	877	252
PRIVATE HOUSEHOLDS	999	990	-	-	-	-	9	-	343	308	201	115
OTHER PERSONAL SERVICES	2 658	1 867	46	6	33	7	735	10	271	863	956	505
ENTERTAINMENT AND RECREATION SERVICES	531	483	2	-	2	-	46	-	143	211	113	44
PROFESSIONAL AND RELATED SERVICES	32 577	14 483	17 468	296	7 786	9 386	527	99	4 199	8 347	15 453	3 486
HOSPITALS	5 581	4 607	969	18	330	621	-	5	189	1 292	3 099	763
HEALTH SERVICES, EXCEPT HOSPITALS	4 147	3 357	664	6	155	503	91	35	265	1 176	2 150	427
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	17 456	3 297	14 143	214	6 137	7 792	10	6	3 112	4 629	7 554	1 598
OTHER EDUCATIONAL SERVICES	482	75	283	16	88	179	124	-	151	145	133	28
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	3 516	1 969	1 317	32	1 003	282	201	29	363	782	1 794	458
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	1 395	1 178	92	10	73	9	101	24	119	323	723	212
PUBLIC ADMINISTRATION	9 858	-	9 858	474	7 810	1 574	-	-	234	974	7 444	860

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

LANSING-EAST LANSING, MI SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS				SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
	TOTAL		TOTAL	FEDERAL	STATE	LOCAL						
BLACK												
MALES 16 YEARS AND OVER	4 568	3 005	1 514	156	883	475	49	-	282	632	2 626	838
AGRICULTURE	14	5	9	-	9	-	-	-	-	-	14	-
FORESTRY AND FISHERIES	-	-	-	-	-	-	-	-	-	-	-	-
MINING	2	2	-	-	-	-	-	-	-	-	-	-
CONSTRUCTION	150	122	20	6	4	10	8	-	-	36	97	12
MANUFACTURING	1 735	1 713	22	5	4	13	-	-	23	108	1 183	318
NONDURABLE GOODS	89	85	4	-	4	-	-	-	3	14	58	7
FOOD AND KINDRED PRODUCTS	32	32	-	-	-	-	-	-	-	10	20	2
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	-	-	-	-	-	-	-	-	-	-	-	-
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	32	28	4	-	4	-	-	-	3	4	25	-
CHEMICALS AND ALLIED PRODUCTS	18	18	-	-	-	-	-	-	-	-	6	5
DURABLE GOODS	1 646	1 628	18	5	-	13	-	-	20	94	1 125	311
FURNITURE, LUMBER, AND WOOD PRODUCTS	10	10	-	-	-	-	-	-	3	-	3	4
PRIMARY METAL INDUSTRIES	12	12	-	-	-	-	-	-	-	-	12	-
FABRICATED METAL INDUSTRIES	85	82	3	3	-	-	-	-	-	1	74	10
MACHINERY, EXCEPT ELECTRICAL	36	36	-	-	-	-	-	-	6	6	24	-
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	-	-	-	-	-	-	-	-	-	-	-	-
TRANSPORTATION EQUIPMENT	1 473	1 458	15	2	-	13	-	-	11	87	995	284
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	346	174	164	61	10	93	8	-	4	37	194	108
RAILROADS	4	2	2	2	-	-	-	-	-	-	2	2
TRUCKING SERVICE AND WAREHOUSING	109	84	17	8	-	9	8	-	-	24	46	39
OTHER TRANSPORTATION	98	13	85	51	5	29	-	-	-	11	42	42
COMMUNICATIONS	61	56	5	-	5	-	-	-	-	-	38	23
UTILITIES AND SANITARY SERVICES	74	19	55	-	-	55	-	-	4	2	66	2
WHOLESALE TRADE	64	64	-	-	-	-	-	-	5	3	37	19
RETAIL TRADE	465	442	13	-	6	7	10	-	56	164	175	54
GENERAL MERCHANDISE STORES	55	55	-	-	-	-	-	-	5	25	21	4
FOOD, BAKERY, AND DAIRY STORES	120	120	-	-	-	-	-	-	14	59	43	4
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	37	37	-	-	-	-	-	-	-	3	27	7
EATING AND DRINKING PLACES	166	158	6	-	6	-	2	-	30	57	45	18
FINANCE, INSURANCE, AND REAL ESTATE	133	101	24	-	6	18	8	-	-	24	88	21
BANKING AND CREDIT AGENCIES	38	38	-	-	-	-	-	-	-	13	25	-
INSURANCE, REAL ESTATE, AND OTHER FINANCE	95	63	24	-	6	18	8	-	-	11	63	21
AUTOMOTIVE REPAIR AND SERVICES	23	12	11	-	5	6	-	-	-	5	18	-
OTHER BUSINESS AND REPAIR SERVICES	66	38	25	9	12	4	3	-	-	12	31	10
PRIVATE HOUSEHOLDS	6	6	-	-	-	-	-	-	-	-	6	-
OTHER PERSONAL SERVICES	76	76	-	-	-	-	-	-	12	10	34	20
ENTERTAINMENT AND RECREATION SERVICES	21	10	6	-	-	6	5	-	2	8	11	-
PROFESSIONAL AND RELATED SERVICES	791	240	544	12	343	189	7	-	159	154	285	169
HOSPITALS	56	45	11	-	11	-	-	-	-	8	12	36
HEALTH SERVICES, EXCEPT HOSPITALS	23	13	10	-	5	5	-	-	8	-	15	-
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	592	118	474	12	305	157	-	-	151	128	195	94
OTHER EDUCATIONAL SERVICES	7	7	-	-	-	-	-	-	-	-	7	-
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	101	51	43	-	22	21	7	-	-	18	44	39
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	12	6	6	-	-	6	-	-	-	-	12	-
PUBLIC ADMINISTRATION	676	-	676	63	484	129	-	-	21	71	453	107

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

LANSING-EAST LANSING, MI SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
BLACK												
FEMALES 16 YEARS AND OVER	4 376	2 237	2 080	167	1 206	707	59	-	454	761	2 485	432
AGRICULTURE	9	-	9	-	9	-	-	-	-	-	9	-
FORESTRY AND FISHERIES	-	-	-	-	-	-	-	-	-	-	-	-
MINING	-	-	-	-	-	-	-	-	-	-	-	-
CONSTRUCTION	13	5	8	-	8	-	-	-	-	-	8	-
MANUFACTURING	720	707	13	-	5	8	-	-	4	32	482	116
NONDURABLE GOODS	61	61	-	-	-	-	-	-	-	10	28	12
FOOD AND KINDRED PRODUCTS	24	24	-	-	-	-	-	-	-	10	7	7
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	-	-	-	-	-	-	-	-	-	-	-	-
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	23	23	-	-	-	-	-	-	-	-	12	-
CHEMICALS AND ALLIED PRODUCTS	8	8	-	-	-	-	-	-	-	-	3	5
DURABLE GOODS	659	646	13	-	5	8	-	-	4	22	454	104
FURNITURE, LUMBER, AND WOOD PRODUCTS	4	4	-	-	-	-	-	-	-	-	4	-
PRIMARY METAL INDUSTRIES	5	-	5	-	5	-	-	-	-	-	-	5
FABRICATED METAL INDUSTRIES	-	-	-	-	-	-	-	-	-	-	-	-
MACHINERY, EXCEPT ELECTRICAL	3	3	-	-	-	-	-	-	-	-	3	-
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	11	11	-	-	-	-	-	-	-	-	11	-
TRANSPORTATION EQUIPMENT	624	616	8	-	-	8	-	-	4	22	434	99
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	220	175	45	30	-	15	-	-	8	31	146	23
RAILROADS	-	-	-	-	-	-	-	-	-	-	-	-
TRUCKING SERVICE AND WAREHOUSING	46	40	6	6	-	-	-	-	8	11	27	-
OTHER TRANSPORTATION	30	6	24	24	-	-	-	-	-	-	24	6
COMMUNICATIONS	99	99	-	-	-	-	-	-	-	12	67	14
UTILITIES AND SANITARY SERVICES	45	30	15	-	-	15	-	-	-	8	28	3
WHOLESALE TRADE	56	56	-	-	-	-	-	-	-	6	50	-
RETAIL TRADE	347	347	-	-	-	-	-	-	66	96	121	22
GENERAL MERCHANDISE STORES	114	114	-	-	-	-	-	-	20	33	54	-
FOOD, BAKERY, AND DAIRY STORES	34	34	-	-	-	-	-	-	6	10	2	6
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	-	-	-	-	-	-	-	-	-	-	-	-
EATING AND DRINKING PLACES	135	135	-	-	-	-	-	-	18	39	41	12
FINANCE, INSURANCE, AND REAL ESTATE	278	235	30	11	6	13	13	-	19	47	170	38
BANKING AND CREDIT AGENCIES	115	101	14	8	6	-	-	-	8	22	61	24
INSURANCE, REAL ESTATE, AND OTHER FINANCE	163	134	16	3	-	13	13	-	11	25	109	14
AUTOMOTIVE REPAIR AND SERVICES	-	-	-	-	-	-	-	-	-	-	-	-
OTHER BUSINESS AND REPAIR SERVICES	92	72	20	6	4	10	-	-	4	34	54	-
PRIVATE HOUSEHOLDS	28	28	-	-	-	-	-	-	-	21	7	-
OTHER PERSONAL SERVICES	100	44	10	4	-	6	46	-	21	50	29	-
ENTERTAINMENT AND RECREATION SERVICES	9	5	4	-	-	4	-	-	-	-	4	5
PROFESSIONAL AND RELATED SERVICES	1 745	563	1 182	56	596	530	-	-	303	361	838	157
HOSPITALS	204	162	42	6	14	22	-	-	16	26	120	20
HEALTH SERVICES, EXCEPT HOSPITALS	144	87	57	-	31	26	-	-	6	51	72	15
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	1 096	197	899	42	430	427	-	-	248	244	472	89
OTHER EDUCATIONAL SERVICES	19	13	6	-	6	-	-	-	13	6	-	-
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	260	93	167	8	115	44	-	-	11	34	161	33
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	22	11	11	-	-	11	-	-	9	-	13	-
PUBLIC ADMINISTRATION	759	-	759	60	578	121	-	-	29	83	567	71

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

TOLEDO, OH-MI SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
MALES 16 YEARS AND OVER	187 945	153 481	21 724	3 655	5 866	12 203	12 371	369	5 932	18 381	93 557	63 669
AGRICULTURE	4 041	1 592	33	-	3	30	2 307	109	374	714	1 056	1 771
FORESTRY AND FISHERIES	74	20	31	4	4	23	19	4	7	12	27	23
MINING	583	573	7	-	-	7	3	-	5	25	260	279
CONSTRUCTION	15 442	12 118	1 042	50	197	795	2 237	45	495	2 319	8 665	3 366
MANUFACTURING	67 671	66 751	368	87	97	184	531	21	717	2 843	40 848	20 506
NONDURABLE GOODS	13 691	13 373	66	6	31	29	240	12	267	748	7 451	4 386
FOOD AND KINDRED PRODUCTS	2 698	2 664	-	-	-	-	34	-	17	128	1 227	1 211
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	777	753	-	-	-	-	19	5	10	36	468	248
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	2 001	1 837	28	-	14	14	136	-	155	176	1 108	516
CHEMICALS AND ALLIED PRODUCTS	2 523	2 484	7	2	3	2	25	5	38	156	1 554	650
DURABLE GOODS	53 980	53 378	302	81	66	155	291	9	450	2 095	33 397	16 120
FURNITURE, LUMBER, AND WOOD PRODUCTS	1 858	1 814	5	5	-	-	39	-	45	147	1 122	484
PRIMARY METAL INDUSTRIES	5 447	5 348	86	27	10	49	13	-	51	158	3 053	1 961
FABRICATED METAL INDUSTRIES	6 955	6 913	15	6	4	5	27	-	66	302	3 903	2 305
MACHINERY, EXCEPT ELECTRICAL	7 940	7 781	34	-	6	28	123	2	98	378	4 113	3 185
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	3 083	3 063	13	-	6	7	7	-	22	112	1 907	929
TRANSPORTATION EQUIPMENT	17 401	17 288	96	36	15	45	10	7	91	565	12 109	3 895
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	21 461	17 034	3 890	2 462	159	1 269	529	8	308	1 336	10 772	8 217
RAILROADS	4 199	3 116	1 083	1 070	8	5	-	-	51	171	2 446	1 319
TRUCKING SERVICE AND WAREHOUSING	6 900	6 455	58	10	15	33	381	6	137	788	2 170	3 520
OTHER TRANSPORTATION	3 194	1 546	1 580	1 339	44	197	66	2	59	183	1 661	1 144
COMMUNICATIONS	2 183	2 091	65	12	33	20	27	-	32	58	1 233	789
UTILITIES AND SANITARY SERVICES	4 985	3 826	1 104	31	59	1 014	55	-	29	136	3 262	1 445
WHOLESALE TRADE	10 582	10 102	14	-	7	7	449	17	244	606	4 847	4 663
RETAIL TRADE	23 816	21 887	138	16	106	16	1 744	47	1 896	5 383	7 007	8 959
GENERAL MERCHANDISE STORES	2 026	1 996	-	-	-	-	30	-	78	482	812	612
FOOD, BAKERY, AND DAIRY STORES	3 750	3 544	-	-	-	-	182	4	383	805	1 129	1 382
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	5 559	5 186	11	-	-	11	360	2	244	660	1 878	2 634
EATING AND DRINKING PLACES	5 666	5 195	68	14	49	5	380	23	783	2 297	1 054	1 353
FINANCE, INSURANCE, AND REAL ESTATE	5 707	4 730	176	20	20	136	782	19	144	408	2 808	2 233
BANKING AND CREDIT AGENCIES	1 515	1 465	31	8	2	21	19	-	26	84	885	497
INSURANCE, REAL ESTATE, AND OTHER FINANCE	4 192	3 265	145	12	18	115	763	19	118	324	1 923	1 736
AUTOMOTIVE REPAIR AND SERVICES	2 247	1 757	7	2	-	5	447	36	67	278	848	1 004
OTHER BUSINESS AND REPAIR SERVICES	5 275	4 371	104	15	50	39	776	24	256	765	2 286	1 798
PRIVATE HOUSEHOLDS	127	121	-	-	-	-	6	-	26	13	64	11
OTHER PERSONAL SERVICES	2 080	1 511	-	-	-	-	543	26	114	461	680	752
ENTERTAINMENT AND RECREATION SERVICES	1 610	1 293	143	3	41	99	174	-	170	511	501	339
PROFESSIONAL AND RELATED SERVICES	21 366	9 621	9 908	142	4 184	5 582	1 824	13	997	2 385	9 403	7 906
HOSPITALS	3 331	2 542	759	45	642	72	30	-	65	311	1 751	1 083
HEALTH SERVICES, EXCEPT HOSPITALS	2 173	1 227	319	11	131	177	627	-	46	231	856	1 006
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	9 042	1 162	7 864	28	3 260	4 576	9	7	572	1 064	4 051	2 970
OTHER EDUCATIONAL SERVICES	269	114	153	-	35	118	2	-	33	73	119	34
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	2 850	2 152	539	55	66	418	159	-	167	406	1 104	1 100
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	3 701	2 424	274	3	50	221	997	6	114	300	1 522	1 713
PUBLIC ADMINISTRATION	5 863	-	5 863	854	998	4 011	-	-	112	322	3 485	1 842

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

TOLEDO, OH-MI SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
TOTAL												
FEMALES 16 YEARS AND OVER	136 000	105 413	25 800	2 058	7 802	15 940	3 811	976	11 214	35 887	67 212	15 279
AGRICULTURE	1 181	787	13	6	5	2	240	141	150	403	372	218
FORESTRY AND FISHERIES	2	-	2	-	2	-	-	-	-	-	2	-
MINING	37	37	-	-	-	-	-	-	16	-	13	8
CONSTRUCTION	1 359	1 217	43	9	16	18	42	57	95	294	767	161
MANUFACTURING	20 281	19 988	75	9	23	43	163	55	579	2 099	13 865	2 555
NONDURABLE GOODS	6 415	6 258	21	-	12	9	106	30	295	790	4 119	887
FOOD AND KINDRED PRODUCTS	1 233	1 194	9	-	-	9	25	5	69	141	718	213
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	477	458	-	-	-	-	19	-	12	108	305	31
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	1 306	1 207	12	-	12	-	62	25	157	292	669	129
CHEMICALS AND ALLIED PRODUCTS	747	747	-	-	-	-	-	-	20	47	524	131
DURABLE GOODS	13 866	13 730	54	9	11	34	57	25	284	1 309	9 746	1 668
FURNITURE, LUMBER, AND WOOD PRODUCTS	985	967	5	-	-	5	-	13	36	108	699	91
PRIMARY METAL INDUSTRIES	805	805	-	-	-	-	-	-	12	48	534	166
FABRICATED METAL INDUSTRIES	1 558	1 545	6	-	-	6	-	7	43	166	979	240
MACHINERY, EXCEPT ELECTRICAL	1 704	1 685	14	7	7	-	-	5	28	207	1 179	206
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	1 706	1 696	2	-	-	2	8	-	7	141	1 242	198
TRANSPORTATION EQUIPMENT	2 835	2 829	6	2	2	2	-	-	74	247	1 988	266
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	4 523	3 421	1 045	781	41	223	49	8	220	546	2 928	635
RAILROADS	186	135	51	51	-	-	-	-	-	8	154	12
TRUCKING SERVICE AND WAREHOUSING	747	719	-	-	-	-	28	-	67	117	431	105
OTHER TRANSPORTATION	1 356	527	805	705	9	91	16	8	87	244	752	210
COMMUNICATIONS	1 331	1 276	55	23	32	-	-	-	52	94	967	156
UTILITIES AND SANITARY SERVICES	903	764	134	2	-	132	5	-	14	83	624	152
WHOLESALE TRADE	3 427	3 251	26	11	8	7	88	62	159	515	2 170	479
RETAIL TRADE	31 436	29 582	475	6	377	92	1 125	254	3 783	12 064	10 392	3 543
GENERAL MERCHANDISE STORES	5 550	5 513	12	-	2	10	23	2	480	2 108	2 252	439
FOOD, BAKERY, AND DAIRY STORES	4 166	3 941	22	-	22	-	150	53	338	1 559	1 476	609
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	1 124	1 045	-	-	-	-	59	20	103	217	521	240
EATING AND DRINKING PLACES	11 781	11 148	352	6	284	62	228	53	1 737	5 021	2 959	1 279
FINANCE, INSURANCE, AND REAL ESTATE	8 208	7 635	215	93	30	92	264	94	372	1 642	5 120	834
BANKING AND CREDIT AGENCIES	4 179	4 047	132	88	18	26	-	-	110	649	2 968	360
INSURANCE, REAL ESTATE, AND OTHER FINANCE	4 029	3 588	83	5	12	66	264	94	262	993	2 152	474
AUTOMOTIVE REPAIR AND SERVICES	299	240	11	-	11	-	26	22	11	98	123	61
OTHER BUSINESS AND REPAIR SERVICES	4 059	3 628	100	12	49	39	302	29	408	1 099	1 776	542
PRIVATE HOUSEHOLDS	1 475	1 448	-	-	-	-	27	-	411	564	285	138
OTHER PERSONAL SERVICES	5 025	4 067	32	5	13	14	878	48	488	1 874	1 891	575
ENTERTAINMENT AND RECREATION SERVICES	1 383	1 225	72	16	22	34	78	8	319	533	306	137
PROFESSIONAL AND RELATED SERVICES	49 326	28 887	19 712	341	6 369	13 002	529	198	4 023	13 537	24 543	5 012
HOSPITALS	14 593	12 314	2 249	80	1 724	445	18	12	458	3 824	8 218	1 415
HEALTH SERVICES, EXCEPT HOSPITALS	8 279	7 333	801	2	319	480	100	45	558	2 493	4 247	731
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	18 433	3 993	14 423	148	3 885	10 390	2	15	2 008	5 274	8 206	1 882
OTHER EDUCATIONAL SERVICES	1 017	137	700	12	86	602	178	2	255	281	392	49
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	4 649	3 011	1 495	99	331	1 065	89	54	598	1 141	2 173	590
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	2 355	2 099	44	-	24	20	142	70	146	524	1 307	345
PUBLIC ADMINISTRATION	3 979	-	3 979	769	836	2 374	-	-	180	619	2 659	381

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

TOLEDO, OH-MI SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
WHITE												
MALES 16 YEARS AND OVER	174 461	142 933	19 237	3 209	5 117	10 911	11 943	348	5 412	16 897	85 474	60 923
AGRICULTURE	3 932	1 494	31	-	3	28	2 300	107	371	697	996	1 749
FORESTRY AND FISHERIES	72	20	29	4	2	23	19	4	7	12	25	23
MINING	561	551	7	-	-	7	3	-	5	25	240	277
CONSTRUCTION	14 625	11 449	960	32	195	733	2 176	40	448	2 170	8 229	3 260
MANUFACTURING	62 346	61 539	262	47	61	154	524	21	602	2 530	37 154	19 659
NONDURABLE GOODS	12 732	12 453	34	2	17	15	233	12	231	664	6 861	4 235
FOOD AND KINDRED PRODUCTS	2 465	2 431	-	-	-	-	34	-	17	116	1 083	1 157
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	718	694	-	-	-	-	19	5	10	32	425	236
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	1 943	1 800	14	-	14	-	129	-	146	167	1 075	509
CHEMICALS AND ALLIED PRODUCTS	2 338	2 301	7	2	3	2	25	5	30	133	1 457	615
DURABLE GOODS	49 614	49 086	228	45	44	139	291	9	371	1 866	30 293	15 424
FURNITURE, LUMBER, AND WOOD PRODUCTS	1 769	1 725	5	5	-	-	39	-	45	136	1 062	466
PRIMARY METAL INDUSTRIES	4 518	4 467	38	-	-	38	13	-	31	124	2 446	1 764
FABRICATED METAL INDUSTRIES	6 365	6 323	15	6	4	5	27	-	58	289	3 493	2 219
MACHINERY, EXCEPT ELECTRICAL	7 507	7 348	34	-	6	28	123	2	86	353	3 856	3 066
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	2 964	2 949	8	-	6	2	7	-	22	112	1 813	909
TRANSPORTATION EQUIPMENT	15 950	15 854	79	27	7	45	10	7	60	467	11 023	3 736
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	20 122	16 219	3 406	2 228	102	1 076	489	8	280	1 264	9 880	7 890
RAILROADS	4 118	3 066	1 052	1 039	8	5	-	-	51	171	2 383	1 306
TRUCKING SERVICE AND WAREHOUSING	6 589	6 175	33	6	15	12	375	6	137	751	1 992	3 424
OTHER TRANSPORTATION	2 832	1 441	1 329	1 160	37	132	60	2	42	173	1 431	1 039
COMMUNICATIONS	2 046	1 966	53	4	33	16	27	-	28	52	1 163	738
UTILITIES AND SANITARY SERVICES	4 537	3 571	939	19	9	911	27	-	22	117	2 911	1 383
WHOLESALE TRADE	9 976	9 504	14	-	7	7	441	17	233	556	4 453	4 534
RETAIL TRADE	22 506	20 628	124	10	98	16	1 707	47	1 799	5 046	6 507	8 638
GENERAL MERCHANDISE STORES	1 846	1 825	-	-	-	-	21	-	78	422	723	581
FOOD, BAKERY, AND DAIRY STORES	3 612	3 436	-	-	-	-	172	4	370	771	1 073	1 349
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	5 364	4 998	11	-	-	11	353	2	244	649	1 781	2 565
EATING AND DRINKING PLACES	5 101	4 637	62	8	49	5	379	23	709	2 122	884	1 229
FINANCE, INSURANCE, AND REAL ESTATE	5 488	4 567	120	15	9	96	782	19	144	394	2 697	2 153
BANKING AND CREDIT AGENCIES	1 495	1 451	25	8	2	15	19	-	26	84	879	483
INSURANCE, REAL ESTATE, AND OTHER FINANCE	3 993	3 116	95	7	7	81	763	19	118	310	1 818	1 670
AUTOMOTIVE REPAIR AND SERVICES	2 036	1 631	2	2	-	-	381	22	55	227	756	948
OTHER BUSINESS AND REPAIR SERVICES	4 902	4 040	89	-	50	39	749	24	240	707	2 097	1 688
PRIVATE HOUSEHOLDS	102	102	-	-	-	-	-	-	26	6	52	5
OTHER PERSONAL SERVICES	1 824	1 332	-	-	-	-	466	26	106	395	552	711
ENTERTAINMENT AND RECREATION SERVICES	1 493	1 206	113	-	34	79	174	-	141	473	474	332
PROFESSIONAL AND RELATED SERVICES	19 299	8 651	8 903	113	3 728	5 062	1 732	13	856	2 117	8 360	7 358
HOSPITALS	2 835	2 171	650	33	548	69	14	-	58	295	1 466	911
HEALTH SERVICES, EXCEPT HOSPITALS	1 960	1 110	272	11	96	165	578	-	46	212	786	887
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	8 204	1 041	7 147	28	2 953	4 166	9	7	467	919	3 628	2 839
OTHER EDUCATIONAL SERVICES	233	101	130	-	26	104	2	-	33	59	102	34
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	2 519	1 904	456	38	60	358	159	-	138	355	925	1 035
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	3 548	2 324	248	3	45	200	970	6	114	277	1 453	1 652
PUBLIC ADMINISTRATION	5 177	-	5 177	758	828	3 591	-	-	99	278	3 002	1 698

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

TOLEDO, OH-MI SMSA	EMPLOYED PERSONS								PERSONS AT WORK			
	TOTAL	PRIV. WAGE AND SALARY WORKERS	GOVERNMENT WORKERS TOTAL	FEDERAL	STATE	LOCAL	SELF-EMPLOYED WORKERS	UNPAID FAMILY WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
WHITE												
FEMALES 16 YEARS AND OVER	123 619	96 664	22 329	1 538	6 878	13 913	3 660	966	10 336	33 193	60 090	14 245
AGRICULTURE	1 117	733	13	6	5	2	234	137	148	387	330	214
FORESTRY AND FISHERIES	2	-	2	-	2	-	-	-	-	-	2	-
MINING	37	37	-	-	-	-	-	-	16	-	13	8
CONSTRUCTION	1 338	1 196	43	9	16	18	42	57	95	288	752	161
MANUFACTURING	18 246	17 957	75	9	23	43	159	55	481	1 888	12 478	2 360
NONDURABLE GOODS	5 792	5 639	21	-	12	9	102	30	257	717	3 724	831
FOOD AND KINDRED PRODUCTS	1 130	1 091	9	-	-	9	25	5	61	141	652	199
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	408	389	-	-	-	-	19	-	12	81	268	31
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	1 248	1 153	12	-	12	-	58	25	147	287	634	129
CHEMICALS AND ALLIED PRODUCTS	647	647	-	-	-	-	-	-	8	42	467	110
DURABLE GOODS	12 454	12 318	54	9	11	34	57	25	224	1 171	8 754	1 529
FURNITURE, LUMBER, AND WOOD PRODUCTS	940	922	5	-	-	5	-	13	36	98	672	91
PRIMARY METAL INDUSTRIES	735	735	-	-	-	-	-	-	5	41	510	161
FABRICATED METAL INDUSTRIES	1 406	1 393	6	-	-	6	-	7	34	140	895	213
MACHINERY, EXCEPT ELECTRICAL	1 564	1 545	14	7	7	-	-	5	28	189	1 077	191
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	1 545	1 535	2	-	-	2	8	-	7	139	1 102	192
TRANSPORTATION EQUIPMENT	2 439	2 433	6	2	2	2	-	-	50	223	1 678	238
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	3 950	3 052	844	628	41	175	46	8	220	517	2 462	574
RAILROADS	176	125	51	51	-	-	-	-	-	8	144	12
TRUCKING SERVICE AND WAREHOUSING	725	700	-	-	-	-	25	-	67	113	425	101
OTHER TRANSPORTATION	1 154	500	630	563	9	58	16	8	87	232	587	189
COMMUNICATIONS	1 089	1 045	44	12	32	-	-	-	52	90	749	136
UTILITIES AND SANITARY SERVICES	806	682	119	2	-	117	5	-	14	74	557	136
WHOLESALE TRADE	3 283	3 118	15	-	8	7	88	62	151	509	2 072	464
RETAIL TRADE	29 905	28 116	457	6	368	83	1 078	254	3 558	11 543	9 778	3 424
GENERAL MERCHANDISE STORES	5 105	5 068	12	-	2	10	23	2	440	1 950	2 022	432
FOOD, BAKERY, AND DAIRY STORES	4 048	3 833	18	-	18	-	144	53	326	1 523	1 411	609
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	1 095	1 016	-	-	-	-	59	20	103	217	502	230
EATING AND DRINKING PLACES	11 177	10 568	340	6	279	55	216	53	1 605	4 792	2 794	1 224
FINANCE, INSURANCE, AND REAL ESTATE	7 677	7 182	137	81	16	40	264	94	360	1 575	4 747	775
BANKING AND CREDIT AGENCIES	3 863	3 753	110	76	8	26	-	-	105	609	2 742	328
INSURANCE, REAL ESTATE, AND OTHER FINANCE	3 814	3 429	27	5	8	14	264	94	255	966	2 005	447
AUTOMOTIVE REPAIR AND SERVICES	283	224	11	-	11	-	26	22	11	92	113	61
OTHER BUSINESS AND REPAIR SERVICES	3 730	3 316	88	6	43	39	297	29	408	974	1 637	492
PRIVATE HOUSEHOLDS	1 113	1 086	-	-	-	-	27	-	331	434	201	103
OTHER PERSONAL SERVICES	4 488	3 586	29	5	10	14	825	48	463	1 716	1 614	551
ENTERTAINMENT AND RECREATION SERVICES	1 294	1 162	46	-	17	29	78	8	298	507	269	132
PROFESSIONAL AND RELATED SERVICES	43 951	25 899	17 364	252	5 663	11 449	496	192	3 629	12 225	21 564	4 596
HOSPITALS	12 524	10 651	1 851	56	1 456	339	10	12	434	3 400	6 869	1 232
HEALTH SERVICES, EXCEPT HOSPITALS	7 387	6 628	638	2	259	377	82	39	502	2 332	3 698	638
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	16 945	3 815	13 113	115	3 597	9 401	2	15	1 814	4 713	7 695	1 778
OTHER EDUCATIONAL SERVICES	899	121	602	12	77	513	174	2	216	272	329	49
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	3 924	2 668	1 116	67	250	799	86	54	537	998	1 709	560
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	2 272	2 016	44	-	24	20	142	70	126	510	1 264	339
PUBLIC ADMINISTRATION	3 205	-	3 205	536	655	2 014	-	-	167	538	2 058	330

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

TOLEDO, OH-MI SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY				
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	1 TO 14 HOURS	15 TO 34 HOURS	35 TO 40 HOURS	41+ HOURS
BLACK												
MALES 16 YEARS AND OVER	10 378	7 963	2 065	396	566	1 103	336	14	424	1 197	6 325	1 927
AGRICULTURE	31	26	-	-	-	-	5	-	2	15	7	-
FORESTRY AND FISHERIES	2	-	2	-	2	-	-	-	-	-	2	-
MINING	8	8	-	-	-	-	-	-	-	-	8	-
CONSTRUCTION	624	499	70	18	2	50	55	-	38	101	354	75
MANUFACTURING	4 074	3 985	82	25	32	25	7	-	78	266	2 843	631
NONDURABLE GOODS	709	675	27	4	14	9	7	-	17	80	440	106
FOOD AND KINDRED PRODUCTS	173	173	-	-	-	-	-	-	-	12	116	32
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	43	43	-	-	-	-	-	-	-	-	31	12
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	32	16	9	-	-	9	7	-	4	9	12	7
CHEMICALS AND ALLIED PRODUCTS	134	134	-	-	-	-	-	-	-	23	87	20
DURABLE GOODS	3 365	3 310	55	21	18	16	-	-	61	186	2 403	525
FURNITURE, LUMBER, AND WOOD PRODUCTS	56	56	-	-	-	-	-	-	-	11	42	3
PRIMARY METAL INDUSTRIES	787	745	42	21	10	11	-	-	20	27	519	162
FABRICATED METAL INDUSTRIES	424	424	-	-	-	-	-	-	8	11	299	59
MACHINERY, EXCEPT ELECTRICAL	297	297	-	-	-	-	-	-	12	19	152	94
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	95	90	5	-	-	5	-	-	-	-	72	18
TRANSPORTATION EQUIPMENT	1 146	1 140	6	-	6	-	-	-	13	83	865	133
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	1 129	656	435	214	57	164	38	-	25	66	757	261
RAILROADS	60	32	28	28	-	-	-	-	-	-	49	6
TRUCKING SERVICE AND WAREHOUSING	257	226	25	4	-	21	6	-	-	31	143	83
OTHER TRANSPORTATION	310	84	220	170	7	43	6	-	14	10	200	86
COMMUNICATIONS	100	100	-	-	-	-	-	-	4	6	50	34
UTILITIES AND SANITARY SERVICES	402	214	162	12	50	100	26	-	7	19	315	52
WHOLESALE TRADE	464	456	-	-	-	-	8	-	11	44	296	91
RETAIL TRADE	1 015	970	14	6	8	-	31	-	75	268	391	231
GENERAL MERCHANDISE STORES	155	146	-	-	-	-	9	-	-	45	87	23
FOOD, BAKERY, AND DAIRY STORES	99	94	-	-	-	-	5	-	13	17	40	27
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	146	139	-	-	-	-	7	-	-	9	76	48
EATING AND DRINKING PLACES	402	396	6	6	-	-	-	-	52	140	113	75
FINANCE, INSURANCE, AND REAL ESTATE	194	138	56	5	11	40	-	-	-	14	97	69
BANKING AND CREDIT AGENCIES	14	8	6	-	-	6	-	-	-	-	6	8
INSURANCE, REAL ESTATE, AND OTHER FINANCE	180	130	50	5	11	34	-	-	-	14	91	61
AUTOMOTIVE REPAIR AND SERVICES	194	118	-	-	-	-	62	14	12	51	81	50
OTHER BUSINESS AND REPAIR SERVICES	210	185	15	15	-	-	10	-	16	36	106	52
PRIVATE HOUSEHOLDS	25	19	-	-	-	-	6	-	-	7	12	6
OTHER PERSONAL SERVICES	245	168	-	-	-	-	77	-	8	55	128	41
ENTERTAINMENT AND RECREATION SERVICES	100	76	24	-	7	17	-	-	18	38	24	7
PROFESSIONAL AND RELATED SERVICES	1 458	659	762	22	304	436	37	-	128	197	801	280
HOSPITALS	372	282	90	5	82	3	-	-	7	11	245	99
HEALTH SERVICES, EXCEPT HOSPITALS	99	35	47	-	35	12	17	-	-	17	48	29
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	606	90	516	-	167	349	-	-	94	91	329	67
OTHER EDUCATIONAL SERVICES	34	11	23	-	9	14	-	-	-	14	15	-
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	289	208	81	17	6	58	-	-	27	51	143	61
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	58	33	5	-	5	-	20	-	-	13	21	24
PUBLIC ADMINISTRATION	605	-	605	91	143	371	-	-	13	39	418	133

TABLE 229. INDUSTRY OF EMPLOYED PERSONS BY CLASS OF WORKER, HOURS WORKED, SEX, RACE, AND SPANISH ORIGIN: 1980 - CON.

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

TOLEDO, OH-MI SMSA

	EMPLOYED PERSONS								PERSONS AT WORK			
		PRIV. WAGE AND SALARY	GOVERNMENT WORKERS				SELF-EMPLOYED	UNPAID FAMILY	1 TO 14	15 TO 34	35 TO 40	41+
	TOTAL	WORKERS	TOTAL	FEDERAL	STATE	LOCAL	WORKERS	WORKERS	HOURS	HOURS	HOURS	HOURS
BLACK												
FEMALES 16 YEARS AND OVER	10 445	7 253	3 088	481	780	1 827	104	-	723	2 336	5 972	806
AGRICULTURE	-	-	-	-	-	-	-	-	-	-	-	-
FORESTRY AND FISHERIES	-	-	-	-	-	-	-	-	-	-	-	-
MINING	-	-	-	-	-	-	-	-	-	-	-	-
CONSTRUCTION	21	21	-	-	-	-	-	-	-	6	15	-
MANUFACTURING	1 563	1 559	-	-	-	-	4	-	64	180	1 054	129
NONDURABLE GOODS	388	384	-	-	-	-	4	-	26	48	236	25
FOOD AND KINDRED PRODUCTS	58	58	-	-	-	-	-	-	8	-	29	6
TEXTILE MILL AND FINISHED TEXTILE PRODUCTS	43	43	-	-	-	-	-	-	-	12	26	-
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	48	44	-	-	-	-	4	-	10	5	33	-
CHEMICALS AND ALLIED PRODUCTS	67	67	-	-	-	-	-	-	-	-	43	19
DURABLE GOODS	1 175	1 175	-	-	-	-	-	-	38	132	818	104
FURNITURE, LUMBER, AND WOOD PRODUCTS	30	30	-	-	-	-	-	-	-	10	12	-
PRIMARY METAL INDUSTRIES	63	63	-	-	-	-	-	-	7	7	17	5
FABRICATED METAL INDUSTRIES	118	118	-	-	-	-	-	-	-	26	70	16
MACHINERY, EXCEPT ELECTRICAL	110	110	-	-	-	-	-	-	-	17	73	15
ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES	145	145	-	-	-	-	-	-	-	2	124	6
TRANSPORTATION EQUIPMENT	339	339	-	-	-	-	-	-	18	24	259	28
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	532	338	194	153	-	41	-	-	-	26	439	50
RAILROADS	10	10	-	-	-	-	-	-	-	-	10	-
TRUCKING SERVICE AND WAREHOUSING	19	19	-	-	-	-	-	-	-	1	6	4
OTHER TRANSPORTATION	192	17	175	142	-	33	-	-	-	12	155	21
COMMUNICATIONS	237	226	11	11	-	-	-	-	-	4	213	20
UTILITIES AND SANITARY SERVICES	74	66	8	-	-	8	-	-	-	9	55	5
WHOLESALE TRADE	123	112	11	11	-	-	-	-	8	6	87	5
RETAIL TRADE	1 167	1 122	18	-	9	9	27	-	198	394	441	82
GENERAL MERCHANDISE STORES	353	353	-	-	-	-	-	-	33	121	185	4
FOOD, BAKERY, AND DAIRY STORES	97	93	4	-	4	-	-	-	12	34	46	-
AUTOMOTIVE DEALERS AND GASOLINE STATIONS	24	24	-	-	-	-	-	-	-	-	16	8
EATING AND DRINKING PLACES	454	437	12	-	5	7	5	-	112	167	115	37
FINANCE, INSURANCE, AND REAL ESTATE	446	373	73	12	9	52	-	-	7	55	322	49
BANKING AND CREDIT AGENCIES	249	232	17	12	5	-	-	-	-	33	188	22
INSURANCE, REAL ESTATE, AND OTHER FINANCE	197	141	56	-	4	52	-	-	7	22	134	27
AUTOMOTIVE REPAIR AND SERVICES	16	16	-	-	-	-	-	-	-	6	10	-
OTHER BUSINESS AND REPAIR SERVICES	306	295	6	6	-	-	5	-	-	122	127	42
PRIVATE HOUSEHOLDS	338	338	-	-	-	-	-	-	74	130	73	28
OTHER PERSONAL SERVICES	459	407	3	-	3	-	49	-	25	126	231	24
ENTERTAINMENT AND RECREATION SERVICES	79	63	16	6	5	5	-	-	11	26	37	5
PROFESSIONAL AND RELATED SERVICES	4 699	2 609	2 071	80	610	1 381	19	-	323	1 197	2 585	350
HOSPITALS	1 856	1 504	352	24	238	90	-	-	21	390	1 192	164
HEALTH SERVICES, EXCEPT HOSPITALS	754	596	146	-	57	89	12	-	37	149	463	72
ELEMENTARY AND SECONDARY SCHOOLS AND COLLEGES	1 314	147	1 167	33	233	901	-	-	162	517	450	84
OTHER EDUCATIONAL SERVICES	91	9	78	-	9	69	4	-	37	9	45	-
SOCIAL SERVICES, RELIGIOUS AND MEMBERSHIP ORGANIZATIONS	619	288	328	23	73	232	3	-	46	118	404	30
LEGAL, ENGINEERING, AND OTHER PROFESSIONAL SERVICES	65	65	-	-	-	-	-	-	20	14	31	-
PUBLIC ADMINISTRATION	696	-	696	213	144	339	-	-	13	62	551	42

☆ U.S. GOVERNMENT PRINTING OFFICE: 1983-421-777:60