

Census 2000 PHC-T-40. Estimated Daytime Population and Employment-Residence Ratios: 2000

Table 2. The United States, Michigan, Michigan Counties

NOTE: Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, definitions, and count corrections see <http://factfinder.census.gov/home/en/datanotes/expsf3.htm>.

FIPS state code (1)	FIPS county code (2)	Total resident population (3)	Total workers working in the area (4)	Total workers living in the area (5)	Estimated daytime population (6) = (3)+(4)-(5)	Daytime population change due to commuting		Workers who lived and worked in the same county		Employment residence ratio (11) = (4)/(5)	Area name
						Number (7) = (6)-(3)	Percent (8) = (7)/(3)*100	Number (9)	Percent (10) = (9)/(5)*100		
		281,421,906	128,168,928	128,279,228	281,311,606	-110,300	0.0	94,052,108	73.3	1.00	<b>United States</b>
	26	9,938,444	4,512,082	4,540,372	9,910,154	-28,290	-0.3	3,220,612	70.9	0.99	<b>Michigan</b>
	26 001	11,719	2,317	3,808	10,228	-1,491	-12.7	1,890	49.6	0.61	Alcona County
	26 003	9,862	3,814	3,713	9,963	101	1.0	3,109	83.7	1.03	Alger County
	26 005	105,665	44,781	51,192	99,254	-6,411	-6.1	25,503	49.8	0.87	Allegan County
	26 007	31,314	14,868	13,666	32,516	1,202	3.8	12,674	92.7	1.09	Alpena County
	26 009	23,110	8,509	9,740	21,879	-1,231	-5.3	5,671	58.2	0.87	Antrim County
	26 011	17,269	5,364	6,444	16,189	-1,080	-6.3	3,688	57.2	0.83	Arenac County
	26 013	8,746	3,889	3,440	9,195	449	5.1	3,019	87.8	1.13	Baraga County
	26 015	56,755	14,378	26,921	44,212	-12,543	-22.1	10,973	40.8	0.53	Barry County
	26 017	110,157	42,424	50,106	102,475	-7,682	-7.0	32,281	64.4	0.85	Bay County
	26 019	15,998	4,616	7,120	13,494	-2,504	-15.7	3,691	51.8	0.65	Benzie County
	26 021	162,453	72,819	75,081	160,191	-2,262	-1.4	61,117	81.4	0.97	Berrien County
	26 023	45,787	18,788	20,737	43,838	-1,949	-4.3	14,673	70.8	0.91	Branch County
	26 025	137,985	65,855	61,649	142,191	4,206	3.0	51,146	83.0	1.07	Calhoun County
	26 027	51,104	13,512	24,271	40,345	-10,759	-21.1	9,358	38.6	0.56	Cass County
	26 029	26,090	11,345	11,782	25,653	-437	-1.7	8,665	73.5	0.96	Charlevoix County
	26 031	26,448	8,271	10,089	24,630	-1,818	-6.9	7,095	70.3	0.82	Cheboygan County
	26 033	38,543	14,955	14,918	38,580	37	0.1	14,066	94.3	1.00	Chippewa County
	26 035	31,252	8,584	11,390	28,446	-2,806	-9.0	6,535	57.4	0.75	Clare County
	26 037	64,753	18,694	32,405	51,042	-13,711	-21.2	11,155	34.4	0.58	Clinton County
	26 039	14,273	5,101	5,745	13,629	-644	-4.5	3,694	64.3	0.89	Crawford County
	26 041	38,520	16,439	17,116	37,843	-677	-1.8	15,081	88.1	0.96	Delta County
	26 043	27,472	14,134	12,038	29,568	2,096	7.6	10,882	90.4	1.17	Dickinson County
	26 045	103,655	42,537	52,704	93,488	-10,167	-9.8	23,452	44.5	0.81	Eaton County
	26 047	31,437	17,612	14,917	34,132	2,695	8.6	13,001	87.2	1.18	Emmet County
	26 049	436,141	174,249	187,588	422,802	-13,339	-3.1	145,025	77.3	0.93	Genesee County
	26 051	26,023	6,577	9,518	23,082	-2,941	-11.3	5,254	55.2	0.69	Gladwin County
	26 053	17,370	6,517	6,590	17,297	-73	-0.4	5,192	78.8	0.99	Gogebic County
	26 055	77,654	47,792	39,292	86,154	8,500	10.9	34,862	88.7	1.22	Grand Traverse County
	26 057	42,285	16,360	17,428	41,217	-1,068	-2.5	12,070	69.3	0.94	Gratiot County
	26 059	46,527	18,423	21,624	43,326	-3,201	-6.9	14,820	68.5	0.85	Hillsdale County
	26 061	36,016	15,102	14,918	36,200	184	0.5	13,865	92.9	1.01	Houghton County
	26 063	36,079	15,364	15,355	36,088	9	0.0	13,199	86.0	1.00	Huron County
	26 065	279,320	171,222	139,263	311,279	31,959	11.4	111,990	80.4	1.23	Ingham County
	26 067	61,518	18,269	26,669	53,118	-8,400	-13.7	12,855	48.2	0.69	Ionia County
	26 069	27,339	10,635	9,957	28,017	678	2.5	8,441	84.8	1.07	Iosco County
	26 071	13,138	4,348	4,916	12,570	-568	-4.3	4,062	82.6	0.88	Iron County
	26 073	63,351	32,705	30,755	65,301	1,950	3.1	24,420	79.4	1.06	Isabella County
	26 075	158,422	63,544	70,317	151,649	-6,773	-4.3	53,388	75.9	0.90	Jackson County
	26 077	238,603	127,076	118,232	247,447	8,844	3.7	101,273	85.7	1.07	Kalamazoo County
	26 079	16,571	4,837	7,243	14,165	-2,406	-14.5	3,478	48.0	0.67	Kalkaska County
	26 081	574,335	336,388	284,236	626,487	52,152	9.1	258,699	91.0	1.18	Kent County
	26 083	2,301	525	894	1,932	-369	-16.0	346	38.7	0.59	Keweenaw County

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26	085	11,333	2,341	3,795	9,879	-1,454	-12.8	1,619	42.7	0.62	Lake County
26	087	87,904	26,857	40,141	74,620	-13,284	-15.1	18,379	45.8	0.67	Lapeer County
26	089	21,119	6,771	9,715	18,175	-2,944	-13.9	5,090	52.4	0.70	Leelanau County
26	091	98,890	37,285	45,822	90,353	-8,537	-8.6	31,063	67.8	0.81	Lenawee County
26	093	156,951	54,000	79,729	131,222	-25,729	-16.4	33,845	42.5	0.68	Livingston County
26	095	7,024	2,568	2,341	7,251	227	3.2	2,046	87.4	1.10	Luce County
26	097	11,943	4,364	4,607	11,700	-243	-2.0	3,483	75.6	0.95	Mackinac County
26	099	788,149	341,377	383,664	745,862	-42,287	-5.4	224,720	58.6	0.89	Macomb County
26	101	24,527	9,694	10,080	24,141	-386	-1.6	7,988	79.2	0.96	Manistee County
26	103	64,634	30,003	30,045	64,592	-42	-0.1	28,719	95.6	1.00	Marquette County
26	105	28,274	12,119	12,392	28,001	-273	-1.0	10,494	84.7	0.98	Mason County
26	107	40,553	15,631	17,071	39,113	-1,440	-3.6	11,771	69.0	0.92	Mecosta County
26	109	25,326	9,637	11,617	23,346	-1,980	-7.8	6,971	60.0	0.83	Menominee County
26	111	82,874	39,661	38,207	84,328	1,454	1.8	27,835	72.9	1.04	Midland County
26	113	14,478	3,598	6,170	11,906	-2,572	-17.8	2,707	43.9	0.58	Missaukee County
26	115	145,945	48,526	68,835	125,636	-20,309	-13.9	35,202	51.1	0.70	Monroe County
26	117	61,266	21,571	25,927	56,910	-4,356	-7.1	14,967	57.7	0.83	Montcalm County
26	119	10,315	3,032	3,271	10,076	-239	-2.3	2,125	65.0	0.93	Montmorency County
26	121	170,200	68,058	75,376	162,882	-7,318	-4.3	56,472	74.9	0.90	Muskegon County
26	123	47,874	14,235	20,096	42,013	-5,861	-12.2	10,645	53.0	0.71	Newaygo County
26	125	1,194,156	719,336	603,761	1,309,731	115,575	9.7	429,030	71.1	1.19	Oakland County
26	127	26,873	7,437	11,153	23,157	-3,716	-13.8	6,182	55.4	0.67	Oceana County
26	129	21,645	7,634	8,032	21,247	-398	-1.8	5,972	74.4	0.95	Ogemaw County
26	131	7,818	2,563	3,090	7,291	-527	-6.7	2,348	76.0	0.83	Ontonagon County
26	133	23,197	8,986	9,809	22,374	-823	-3.5	5,952	60.7	0.92	Osceola County
26	135	9,418	2,745	3,232	8,931	-487	-5.2	2,255	69.8	0.85	Oscoda County
26	137	23,301	12,375	10,652	25,024	1,723	7.4	9,274	87.1	1.16	Otsego County
26	139	238,314	113,098	121,120	230,292	-8,022	-3.4	75,638	62.4	0.93	Ottawa County
26	141	14,411	4,076	5,298	13,189	-1,222	-8.5	3,451	65.1	0.77	Presque Isle County
26	143	25,469	7,862	8,719	24,612	-857	-3.4	6,140	70.4	0.90	Roscommon County
26	145	210,039	99,611	89,177	220,473	10,434	5.0	72,738	81.6	1.12	Saginaw County
26	147	164,235	56,631	76,437	144,429	-19,806	-12.1	48,324	63.2	0.74	St. Clair County
26	149	62,422	26,540	29,237	59,725	-2,697	-4.3	20,841	71.3	0.91	St. Joseph County
26	151	44,547	15,674	19,126	41,095	-3,452	-7.7	12,349	64.6	0.82	Sanilac County
26	153	8,903	3,068	3,204	8,767	-136	-1.5	2,750	85.8	0.96	Schoolcraft County
26	155	71,687	21,383	33,514	59,556	-12,131	-16.9	16,625	49.6	0.64	Shiawassee County
26	157	58,266	15,927	25,274	48,919	-9,347	-16.0	12,446	49.2	0.63	Tuscola County
26	159	76,263	23,721	34,763	65,221	-11,042	-14.5	17,387	50.0	0.68	Van Buren County
26	161	322,895	199,850	169,169	353,576	30,681	9.5	129,808	76.7	1.18	Washtenaw County
26	163	2,061,162	852,166	827,311	2,086,017	24,855	1.2	618,405	74.7	1.03	Wayne County
26	165	30,484	16,532	13,606	33,410	2,926	9.6	10,898	80.1	1.22	Wexford County

**NOTES**

See notes at end for explanation of data items and source and contact information.

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**Workers** – people 16 years and over who were employed and at work during the reference week. The estimate of workers includes part-time and full-time civilian personnel and people in the Armed Forces.

**(Col. 1) FIPS state code** – the two-digit code used in the Federal Information Processing Standards to identify each state.

**(Col. 2) FIPS county code** – the three-digit code used in the Federal Information Processing Standards to identify each county or county equivalent within each state.

**(Col. 3) Total resident population** – the total number of persons living in the area, as shown in Census 2000 100-percent data such as Summary File 1.

**(Col. 4) Total workers working in the area** – this is the number of workers who reported working in the area, regardless of their place of residence. In other words, it is the total that worked there no matter where they lived. Residence locations are not considered, only workplace locations are reflected in this number.

**(Col. 5) Total workers living in the area** – this is sometimes referred to as the number of resident workers. It is the number of people living in the area who are workers. It includes workers who live there regardless of where they worked, or in other words, no matter where their workplace was located. Place of work location is not considered, only residence location is reflected in this number.

**(Col. 6) Estimated daytime population** – this is the estimate arrived at by adjusting the total resident population by the number of incommuters and outcommuters to the area, using data from Census 2000. It does not adjust for people entering or leaving the area for purposes other than commuting, nor does the commuting adjustment take the time of day of the work trips into account. The estimate is calculated by adding the total resident population (col. 3) and the total workers working in the area (col. 4), and then subtracting from that result the total workers living in the area (col. 5). This method yields the same result as would be obtained by adding the incommuters and subtracting the outcommuters from the total resident population.

**(Col. 7) Daytime population change due to commuting: number** – this is the numeric increase or decrease in the population of the area as a result of work-related commuting. It is the net change in the population due to work travel and is computed by subtracting the total resident population (col. 3) from the estimated daytime population (col. 6). Positive numbers indicate more commuters entering the area than leaving it. Negative numbers occur when more workers leave the area to go to work than enter it to come to work.

**(Col. 8) Daytime population change due to commuting: percent** – this is the percentage increase or decrease in the population of the area as a result of work-related commuting. It is calculated by dividing the numeric change due to commuting (col. 7) by the total resident population (col. 3), and multiplying the result by 100. Positive figures denote the percentage increase experienced by the population, while negative numbers show the percentage decrease in the population as a result of commuting.

**(Col. 9) Workers who lived and worked in the same county: number** – this value shows how many workers who lived in a particular county also worked in that same county. It is derived from place of residence location information and responses to the question on workplace location during the week prior to filling out the census questionnaire.

**(Col. 10) Workers who lived and worked in the same county: percent** – this measure is sometimes used as an indicator of worker retention, but it does not reflect variation in area size (some counties cover a large area while others are small) or other attributes very well. It is computed by dividing the number of workers who lived and worked in the same county (col. 9) by the total workers living there (col. 5) and multiplying the result by 100.

**(Col. 11) Employment-residence (E-R) ratio** – this is a measure of the total number of workers working in an area (col. 4), relative to the total number of workers living in the area (col. 5). It is often used as a rough indication of the jobs-workers balance in an area, although it does not take into account whether the resident workers possess the skills needed for the jobs that are available. E-R ratios greater than 1.00 occur when there are more workers working in the area than living there. These areas can be considered as net importers of labor. For example, an E-R ratio of 1.19 means that there are 19 percent more workers working in the area than living in the area. Values less than 1.00 indicate areas that send more workers to other areas than they receive, i.e., they are net exporters of labor.

Source: U.S. Census Bureau, Census 2000.

Contact: Journey to Work and Migration Statistics Branch, Population Division, 301-763-2454.

**Census 2000 PHC-T-40. Estimated Daytime Population and Employment-Residence Ratios: 2000**

Table 3. Selected Places, Michigan

NOTE: Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, definitions, and count corrections see <http://factfinder.census.gov/home/en/datanotes/expsf3.htm>.

FIPS state code (1)	FIPS place code (2)	Total resident population (3)	Total workers working in the place (4)	Total workers living in the place (5)	Estimated daytime population (6) = (3)+(4)-(5)	Daytime population change due to commuting		Workers who lived and worked in the same place		Employment residence ratio (11) = (4)/(5)	Place name <sup>1/</sup>
						Number (7) = (6)-(3)	Percent (8) = (7)/(3)*100	Number (9)	Percent (10) = (9)/(5)*100		
26	00440	21,574	14,499	9,569	26,504	4,930	22.9	5,192	54.3	1.52	Adrian city, MI
26	00980	9,144	5,203	4,033	10,314	1,170	12.8	2,261	56.1	1.29	Albion city, MI
26	01260	4,838	5,990	2,136	8,692	3,854	79.7	1,046	49.0	2.80	Allegan city, MI
26	01340	11,555	5,207	6,182	10,580	-975	-8.4	1,774	28.7	0.84	Allendale CDP, MI
26	01380	29,376	23,687	13,272	39,791	10,415	35.5	1,995	15.0	1.78	Allen Park city, MI
26	01540	9,275	7,433	3,900	12,808	3,533	38.1	2,223	57.0	1.91	Alma city, MI
26	01740	11,304	9,069	4,839	15,534	4,230	37.4	3,658	75.6	1.87	Alpena city, MI
26	03000	114,024	98,480	60,188	152,316	38,292	33.6	40,148	66.7	1.64	Ann Arbor city, MI
26	04105	19,837	48,672	10,752	57,757	37,920	191.2	2,520	23.4	4.53	Auburn Hills city, MI
26	05920	53,364	37,911	22,482	68,793	15,429	28.9	14,944	66.5	1.69	Battle Creek city, MI
26	06020	36,817	18,910	16,209	39,518	2,701	7.3	6,862	42.3	1.17	Bay City city, MI
26	06820	12,793	1,800	4,039	10,554	-2,239	-17.5	430	10.6	0.45	Beecher CDP, MI
26	06880	2,963	3,031	1,499	4,495	1,532	51.7	273	18.2	2.02	Beechwood CDP, MI
26	06900	5,877	2,578	2,588	5,867	-10	-0.2	681	26.3	1.00	Belding city, MI
26	07020	3,997	2,794	2,091	4,700	703	17.6	173	8.3	1.34	Belleville city, MI
26	07520	11,182	5,696	3,433	13,445	2,263	20.2	978	28.5	1.66	Benton Harbor city, MI
26	07660	15,531	3,781	8,718	10,594	-4,937	-31.8	721	8.3	0.43	Berkley city, MI
26	07860	1,862	3,329	873	4,318	2,456	131.9	344	39.4	3.81	Berrien Springs village, MI
26	08160	10,437	3,153	4,953	8,637	-1,800	-17.2	454	9.2	0.64	Beverly Hills village, MI
26	08300	10,849	9,446	4,394	15,901	5,052	46.6	3,177	72.3	2.15	Big Rapids city, MI
26	08460	1,030	4,676	465	5,241	4,211	408.8	50	10.8	10.06	Bingham Farms village, MI
26	08540	1,653	2,583	802	3,434	1,781	107.7	183	22.8	3.22	Birch Run village, MI
26	08640	19,291	15,599	10,330	24,560	5,269	27.3	1,996	19.3	1.51	Birmingham city, MI
26	09180	3,940	8,237	1,762	10,415	6,475	164.3	301	17.1	4.67	Bloomfield Hills city, MI
26	09190	43,021	19,472	19,844	42,649	-372	-0.9	3,036	15.3	0.98	Bloomfield Township CDP, MI
26	09820	3,503	3,059	1,581	4,981	1,478	42.2	734	46.4	1.93	Boyne City city, MI
26	10440	7,849	3,072	3,410	7,511	-338	-4.3	542	15.9	0.90	Bridgeport CDP, MI
26	10620	6,701	7,988	3,644	11,045	4,344	64.8	971	26.6	2.19	Brighton city, MI
26	11400	4,681	2,653	2,245	5,089	408	8.7	701	31.2	1.18	Buchanan city, MI
26	11555	7,845	1,398	2,559	6,684	-1,161	-14.8	222	8.7	0.55	Buena Vista CDP, MI
26	12060	30,308	11,483	13,213	28,578	-1,730	-5.7	2,374	18.0	0.87	Burton city, MI

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26	12320	10,000	11,421	4,408	17,013	7,013	70.1	3,140	71.2	2.59	Cadillac city, MI
26	13110	76,366	20,731	39,930	57,167	-19,199	-25.1	5,559	13.9	0.52	Canton CDP, MI
26	13420	4,145	3,862	1,634	6,373	2,228	53.8	761	46.6	2.36	Caro village, MI
26	13560	6,602	1,400	2,814	5,188	-1,414	-21.4	483	17.2	0.50	Carrollton CDP, MI
26	14320	8,531	6,762	3,555	11,738	3,207	37.6	331	9.3	1.90	Center Line city, MI
26	14780	2,994	3,004	1,284	4,714	1,720	57.4	765	59.6	2.34	Charlevoix city, MI
26	14820	8,389	7,041	3,891	11,539	3,150	37.5	1,737	44.6	1.81	Charlotte city, MI
26	15000	5,295	4,694	1,865	8,124	2,829	53.4	1,468	78.7	2.52	Cheboygan city, MI
26	15020	4,398	5,118	2,069	7,447	3,049	69.3	616	29.8	2.47	Chelsea village, MI
26	15920	3,173	3,319	1,355	5,137	1,964	61.9	583	43.0	2.45	Clare city, MI
26	16160	12,732	5,006	7,041	10,697	-2,035	-16.0	765	10.9	0.71	Clawson city, MI
26	16510	95,648	34,485	48,068	82,065	-13,583	-14.2	8,043	16.7	0.72	Clinton CDP, MI
26	17020	12,697	10,514	4,985	18,226	5,529	43.5	3,140	63.0	2.11	Coldwater city, MI
26	17700	10,674	3,280	6,203	7,751	-2,923	-27.4	509	8.2	0.53	Comstock Park CDP, MI
26	18020	3,910	3,502	2,073	5,339	1,429	36.5	539	26.0	1.69	Coopersville city, MI
26	18300	3,381	2,520	1,519	4,382	1,001	29.6	416	27.4	1.66	Corunna city, MI
26	19500	15,114	4,724	7,855	11,983	-3,131	-20.7	746	9.5	0.60	Cutlerville CDP, MI
26	19880	5,536	2,489	2,624	5,401	-135	-2.4	459	17.5	0.95	Davison city, MI
26	21000	97,775	87,946	37,881	147,840	50,065	51.2	13,893	36.7	2.32	Dearborn city, MI
26	21020	58,264	11,113	25,304	44,073	-14,191	-24.4	2,743	10.8	0.44	Dearborn Heights city, MI
26	22000	951,270	318,790	319,449	950,611	-659	-0.1	154,933	48.5	1.00	Detroit city, MI
26	22120	4,702	604	2,683	2,623	-2,079	-44.2	290	10.8	0.23	De Witt city, MI
26	22160	2,338	3,280	1,386	4,232	1,894	81.0	317	22.9	2.37	Dexter village, MI
26	22880	6,147	3,863	2,503	7,507	1,360	22.1	1,199	47.9	1.54	Dowagiac city, MI
26	23980	10,764	3,956	5,340	9,380	-1,384	-12.9	750	14.0	0.74	East Grand Rapids city, MI
26	24120	46,525	32,632	23,495	55,662	9,137	19.6	11,860	50.5	1.39	East Lansing city, MI
26	24290	34,077	8,301	16,251	26,127	-7,950	-23.3	1,942	12.0	0.51	Eastpointe city, MI
26	24500	6,265	1,410	2,926	4,749	-1,516	-24.2	164	5.6	0.48	Eastwood CDP, MI
26	24540	5,330	2,970	2,414	5,886	556	10.4	717	29.7	1.23	Eaton Rapids city, MI
26	24740	11,229	5,850	3,841	13,238	2,009	17.9	519	13.5	1.52	Ecorse city, MI
26	26360	13,140	10,305	5,705	17,740	4,600	35.0	4,414	77.4	1.81	Escanaba city, MI

**Census 2000 PHC-T-40. Estimated Daytime Population and Employment-Residence Ratios: 2000**

Table 3. Selected Places, Michigan

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						Number (7) = (6)-(3)	Percent (8) = (7)/(3)*100	Number (9)	Percent (10) = (9)/(5)*100		
26	27160	7,828	2,132	3,680	6,280	-1,548	-19.8	328	8.9	0.58	Fair Plain CDP, MI
26	27380	10,423	6,608	5,223	11,808	1,385	13.3	682	13.1	1.27	Farmington city, MI
26	27440	82,111	56,072	41,626	96,557	14,446	17.6	8,399	20.2	1.35	Farmington Hills city, MI
26	27760	10,582	7,703	5,089	13,196	2,614	24.7	1,264	24.8	1.51	Fenton city, MI
26	27880	22,105	9,621	12,619	19,107	-2,998	-13.6	1,647	13.1	0.76	Ferndale city, MI
26	28360	8,488	4,344	3,842	8,990	502	5.9	620	16.1	1.13	Flat Rock city, MI
26	29000	124,943	68,257	44,114	149,086	24,143	19.3	20,419	46.3	1.55	Flint city, MI
26	29200	8,348	2,169	3,774	6,743	-1,605	-19.2	604	16.0	0.57	Flushing city, MI
26	29580	20,942	11,522	10,386	22,078	1,136	5.4	2,035	19.6	1.11	Forest Hills CDP, MI
26	30200	4,838	4,828	2,096	7,570	2,732	56.5	964	46.0	2.30	Frankenmuth city, MI
26	30420	15,297	9,534	7,539	17,292	1,995	13.0	797	10.6	1.26	Fraser city, MI
26	30700	4,224	5,271	1,803	7,692	3,468	82.1	1,114	61.8	2.92	Fremont city, MI
26	31420	30,047	7,566	14,380	23,233	-6,814	-22.7	1,777	12.4	0.53	Garden City city, MI
26	31720	3,681	9,425	1,590	11,516	7,835	212.8	1,300	81.8	5.93	Gaylord city, MI
26	32320	3,001	3,008	1,208	4,801	1,800	60.0	719	59.5	2.49	Gladwin city, MI
26	33280	8,242	7,345	4,209	11,378	3,136	38.0	639	15.2	1.75	Grand Blanc city, MI
26	33340	11,168	12,335	5,559	17,944	6,776	60.7	2,505	45.1	2.22	Grand Haven city, MI
26	33420	7,813	2,782	4,058	6,537	-1,276	-16.3	829	20.4	0.69	Grand Ledge city, MI
26	34000	197,800	124,193	90,663	231,330	33,530	17.0	44,884	49.5	1.37	Grand Rapids city, MI
26	34160	16,263	12,791	8,571	20,483	4,220	25.9	2,082	24.3	1.49	Grandville city, MI
26	34640	1,952	2,579	747	3,784	1,832	93.9	549	73.5	3.45	Grayling city, MI
26	35100	7,935	8,856	3,339	13,452	5,517	69.5	1,641	49.1	2.65	Greenville city, MI
26	35440	10,894	1,882	5,459	7,317	-3,577	-32.8	775	14.2	0.34	Grosse Ile CDP, MI
26	35480	5,670	4,193	2,890	6,973	1,303	23.0	290	10.0	1.45	Grosse Pointe city, MI
26	35520	9,764	3,647	4,402	9,009	-755	-7.7	670	15.2	0.83	Grosse Pointe Farms city, MI
26	35540	12,443	1,958	6,487	7,914	-4,529	-36.4	676	10.4	0.30	Grosse Pointe Park city, MI
26	35580	17,080	4,034	7,683	13,431	-3,649	-21.4	893	11.6	0.53	Grosse Pointe Woods city, MI
26	36280	22,976	4,814	7,797	19,993	-2,983	-13.0	1,185	15.2	0.62	Hamtramck city, MI
26	36300	4,323	2,641	1,901	5,063	740	17.1	650	34.2	1.39	Hancock city, MI
26	36700	14,254	4,319	6,706	11,867	-2,387	-16.7	552	8.2	0.64	Harper Woods city, MI
26	36810	24,461	7,278	13,468	18,271	-6,190	-25.3	1,479	11.0	0.54	Harrison CDP, MI

**Census 2000 PHC-T-40. Estimated Daytime Population and Employment-Residence Ratios: 2000**

Table 3. Selected Places, Michigan

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26	37100	11,283	2,198	6,127	7,354	-3,929	-34.8	770	12.6	0.36	Haslett CDP, MI
26	37120	7,095	5,289	3,254	9,130	2,035	28.7	1,515	46.6	1.63	Hastings city, MI
26	37420	18,963	4,770	8,330	15,403	-3,560	-18.8	1,206	14.5	0.57	Hazel Park city, MI
26	38180	16,746	8,237	4,423	20,560	3,814	22.8	668	15.1	1.86	Highland Park city, MI
26	38460	8,233	7,244	3,833	11,644	3,411	41.4	2,155	56.2	1.89	Hillsdale city, MI
26	38640	35,048	35,213	16,928	53,333	18,285	52.2	9,692	57.3	2.08	Holland city, MI
26	38700	6,135	2,296	2,918	5,513	-622	-10.1	484	16.6	0.79	Holly village, MI
26	38780	11,315	3,859	5,953	9,221	-2,094	-18.5	939	15.8	0.65	Holt CDP, MI
26	39360	7,010	6,476	2,942	10,544	3,534	50.4	2,153	73.2	2.20	Houghton city, MI
26	39540	9,232	8,781	4,760	13,253	4,021	43.6	1,416	29.7	1.84	Howell city, MI
26	39800	7,160	4,570	3,524	8,206	1,046	14.6	684	19.4	1.30	Hudsonville city, MI
26	40000	6,151	1,381	3,230	4,302	-1,849	-30.1	390	12.1	0.43	Huntington Woods city, MI
26	40320	3,869	3,073	1,427	5,515	1,646	42.5	431	30.2	2.15	Imlay City city, MI
26	40680	30,115	4,695	11,402	23,408	-6,707	-22.3	1,246	10.9	0.41	Inkster city, MI
26	40860	10,569	5,927	2,995	13,501	2,932	27.7	1,259	42.0	1.98	Ionia city, MI
26	40960	8,154	7,134	3,472	11,816	3,662	44.9	2,072	59.7	2.05	Iron Mountain city, MI
26	41060	6,293	2,748	2,330	6,711	418	6.6	1,191	51.1	1.18	Ironwood city, MI
26	41220	6,686	3,243	2,918	7,011	325	4.9	1,085	37.2	1.11	Ishpeming city, MI
26	41420	36,316	25,568	15,204	46,680	10,364	28.5	7,006	46.1	1.68	Jackson city, MI
26	41680	17,211	5,050	8,845	13,416	-3,795	-22.0	1,314	14.9	0.57	Jenison CDP, MI
26	42160	77,145	56,640	36,122	97,663	20,518	26.6	19,728	54.6	1.57	Kalamazoo city, MI
26	42260	2,226	2,846	947	4,125	1,899	85.3	461	48.7	3.01	Kalkaska village, MI
26	42820	45,255	35,142	23,997	56,400	11,145	24.6	5,590	23.3	1.46	Kentwood city, MI
26	43300	5,549	3,436	2,492	6,493	944	17.0	914	36.7	1.38	Kingsford city, MI
26	44520	4,876	843	2,546	3,173	-1,703	-34.9	150	5.9	0.33	Lake Fenton CDP, MI
26	45420	9,299	1,401	4,605	6,095	-3,204	-34.5	485	10.5	0.30	Lambertville CDP, MI
26	46000	119,128	88,742	56,449	151,421	32,293	27.1	30,593	54.2	1.57	Lansing city, MI
26	46040	9,072	10,788	3,587	16,273	7,201	79.4	1,526	42.5	3.01	Lapeer city, MI
26	47800	40,008	8,276	18,096	30,188	-9,820	-24.5	2,436	13.5	0.46	Lincoln Park city, MI
26	49000	100,545	83,368	48,856	135,057	34,512	34.3	13,417	27.5	1.71	Livonia city, MI
26	49540	4,013	3,102	1,896	5,219	1,206	30.1	608	32.1	1.64	Lowell city, MI

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						Number (7) = (6)-(3)	Percent (8) = (7)/(3)*100	Number (9)	Percent (10) = (9)/(5)*100		
26	49640	8,357	6,582	3,681	11,258	2,901	34.7	2,317	62.9	1.79	Ludington city, MI
26	50560	31,101	26,914	15,398	42,617	11,516	37.0	2,835	18.4	1.75	Madison Heights city, MI
26	50720	6,586	3,572	2,952	7,206	620	9.4	1,709	57.9	1.21	Manistee city, MI
26	51900	19,661	15,467	9,759	25,369	5,708	29.0	6,994	71.7	1.58	Marquette city, MI
26	51940	7,459	7,302	3,421	11,340	3,881	52.0	1,452	42.4	2.13	Marshall city, MI
26	52080	9,684	5,398	4,630	10,452	768	7.9	1,084	23.4	1.17	Marysville city, MI
26	52180	6,714	4,054	3,585	7,183	469	7.0	825	23.0	1.13	Mason city, MI
26	52940	10,735	4,324	4,483	10,576	-159	-1.5	493	11.0	0.96	Melvindale city, MI
26	53020	9,131	5,263	4,380	10,014	883	9.7	2,195	50.1	1.20	Menominee city, MI
26	53780	41,685	32,926	19,507	55,104	13,419	32.2	14,104	72.3	1.69	Midland city, MI
26	53920	4,775	3,139	2,415	5,499	724	15.2	570	23.6	1.30	Milan city, MI
26	53960	6,272	3,336	3,221	6,387	115	1.8	534	16.6	1.04	Milford village, MI
26	55020	22,076	14,624	9,761	26,939	4,863	22.0	3,819	39.1	1.50	Monroe city, MI
26	55820	17,312	15,376	7,335	25,353	8,041	46.4	1,687	23.0	2.10	Mount Clemens city, MI
26	56020	25,946	18,814	12,645	32,115	6,169	23.8	8,165	64.6	1.49	Mount Pleasant city, MI
26	56320	40,105	26,420	14,942	51,583	11,478	28.6	6,324	42.3	1.77	Muskegon city, MI
26	56360	12,049	4,542	3,865	12,726	677	5.6	599	15.5	1.18	Muskegon Heights city, MI
26	57100	7,405	3,040	3,846	6,599	-806	-10.9	511	13.3	0.79	New Baltimore city, MI
26	57760	12,204	6,443	5,386	13,261	1,057	8.7	1,765	32.8	1.20	Niles city, MI
26	58945	14,730	6,069	7,801	12,998	-1,732	-11.8	1,302	16.7	0.78	Northview CDP, MI
26	58980	6,459	4,392	3,435	7,416	957	14.8	582	16.9	1.28	Northville city, MI
26	59140	22,527	10,301	10,477	22,351	-176	-0.8	2,651	25.3	0.98	Norton Shores city, MI
26	59440	47,386	27,490	25,521	49,355	1,969	4.2	4,654	18.2	1.08	Novi city, MI
26	59920	29,793	9,283	13,164	25,912	-3,881	-13.0	1,350	10.3	0.71	Oak Park city, MI
26	60340	22,805	13,882	12,128	24,559	1,754	7.7	2,719	22.4	1.14	Okemos CDP, MI
26	61620	3,933	2,956	1,768	5,121	1,188	30.2	580	32.8	1.67	Otsego city, MI
26	61940	15,713	7,348	7,243	15,818	105	0.7	3,003	41.5	1.01	Owasso city, MI
26	62980	3,363	2,886	1,572	4,677	1,314	39.1	352	22.4	1.84	Paw Paw village, MI
26	63820	6,080	9,820	3,095	12,805	6,725	110.6	2,085	67.4	3.17	Petoskey city, MI
26	64740	3,933	2,519	1,781	4,671	738	18.8	380	21.3	1.41	Plainwell city, MI
26	65060	9,022	11,301	5,013	15,310	6,288	69.7	812	16.2	2.25	Plymouth city, MI

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26	65085	27,798	22,430	13,747	36,481	8,683	31.2	1,820	13.2	1.63	Plymouth Township CDP, MI
26	65440	66,337	49,451	25,808	89,980	23,643	35.6	8,339	32.3	1.92	Pontiac city, MI
26	65560	44,897	29,537	23,136	51,298	6,401	14.3	8,856	38.3	1.28	Portage city, MI
26	65820	32,338	20,062	14,200	38,200	5,862	18.1	7,336	51.7	1.41	Port Huron city, MI
26	67620	51,622	15,365	24,695	42,292	-9,330	-18.1	2,700	10.9	0.62	Redford CDP, MI
26	67820	2,430	3,410	997	4,843	2,413	99.3	448	44.9	3.42	Reed City city, MI
26	68760	9,917	2,418	3,303	9,032	-885	-8.9	496	15.0	0.73	River Rouge city, MI
26	68880	13,272	3,506	5,782	10,996	-2,276	-17.1	613	10.6	0.61	Riverview city, MI
26	69020	10,467	10,771	5,631	15,607	5,140	49.1	962	17.1	1.91	Rochester city, MI
26	69035	68,825	28,573	35,674	61,724	-7,101	-10.3	6,306	17.7	0.80	Rochester Hills city, MI
26	69080	4,626	5,195	2,191	7,630	3,004	64.9	528	24.1	2.37	Rockford city, MI
26	69400	3,721	3,788	1,692	5,817	2,096	56.3	293	17.3	2.24	Romeo village, MI
26	69420	22,979	38,358	10,254	51,083	28,104	122.3	2,838	27.7	3.74	Romulus city, MI
26	69800	48,129	20,349	22,618	45,860	-2,269	-4.7	3,432	15.2	0.90	Roseville city, MI
26	70040	60,062	31,602	34,934	56,730	-3,332	-5.5	6,275	18.0	0.90	Royal Oak city, MI
26	70520	61,799	33,622	21,913	73,508	11,709	18.9	10,027	45.8	1.53	Saginaw city, MI
26	70545	24,994	14,256	11,536	27,714	2,720	10.9	2,969	25.7	1.24	Saginaw Township North CDP, MI
26	70550	13,801	3,916	6,550	11,167	-2,634	-19.1	675	10.3	0.60	Saginaw Township South CDP, MI
26	70680	5,802	3,668	2,790	6,680	878	15.1	797	28.6	1.31	St. Clair city, MI
26	70760	63,096	17,331	29,277	51,150	-11,946	-18.9	5,277	18.0	0.59	St. Clair Shores city, MI
26	70940	7,485	4,790	3,653	8,622	1,137	15.2	1,486	40.7	1.31	St. Johns city, MI
26	70960	8,789	10,093	4,339	14,543	5,754	65.5	1,589	36.6	2.33	St. Joseph city, MI
26	71140	8,034	5,260	4,178	9,116	1,082	13.5	939	22.5	1.26	Saline city, MI
26	71540	2,745	2,887	1,144	4,488	1,743	63.5	595	52.0	2.52	Sandusky city, MI
26	71740	16,542	9,610	6,604	19,548	3,006	18.2	5,692	86.2	1.46	Sault Ste. Marie city, MI
26	72818	65,159	20,448	33,135	52,472	-12,687	-19.5	5,226	15.8	0.62	Shelby CDP, MI
26	73560	6,590	2,398	3,470	5,518	-1,072	-16.3	508	14.6	0.69	Shields CDP, MI
26	74900	78,296	94,386	38,877	133,805	55,509	70.9	9,041	23.3	2.43	Southfield city, MI
26	74960	30,136	11,673	14,203	27,606	-2,530	-8.4	2,297	16.2	0.82	Southgate city, MI
26	74980	5,021	4,214	2,234	7,001	1,980	39.4	925	41.4	1.89	South Haven city, MI
26	75100	10,036	2,792	5,001	7,827	-2,209	-22.0	739	14.8	0.56	South Lyon city, MI

**Census 2000 PHC-T-40. Estimated Daytime Population and Employment-Residence Ratios: 2000**

Table 3. Selected Places, Michigan

NOTE: Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, definitions, and count corrections see <http://factfinder.census.gov/home/en/datanotes/expsf3.htm>.

FIPS state code (1)	FIPS place code (2)	Total resident population (3)	Total workers working in the place (4)	Total workers living in the place (5)	Estimated daytime population (6) = (3)+(4)-(5)	Daytime population change due to commuting		Workers who lived and worked in the same place		Employment residence ratio (11) = (4)/(5)	Place name <sup>1/</sup>
						Number (7) = (6)-(3)	Percent (8) = (7)/(3)*100	Number (9)	Percent (10) = (9)/(5)*100		
26	75140	6,370	1,135	2,796	4,709	-1,661	-26.1	181	6.5	0.41	South Monroe CDP, MI
26	75420	4,159	2,933	2,010	5,082	923	22.2	481	23.9	1.46	Sparta village, MI
26	75700	5,189	2,675	2,274	5,590	401	7.7	221	9.7	1.18	Springfield city, MI
26	76460	124,471	59,434	63,247	120,658	-3,813	-3.1	12,565	19.9	0.94	Sterling Heights city, MI
26	76960	11,285	6,855	5,247	12,893	1,608	14.2	2,401	45.8	1.31	Sturgis city, MI
26	77700	5,102	3,157	2,537	5,722	620	12.2	460	18.1	1.24	Swartz Creek city, MI
26	79000	65,868	28,398	28,643	65,623	-245	-0.4	6,648	23.2	0.99	Taylor city, MI
26	79120	8,574	5,127	4,077	9,624	1,050	12.2	1,210	29.7	1.26	Tecumseh city, MI
26	79240	7,757	1,573	3,781	5,549	-2,208	-28.5	378	10.0	0.42	Temperance CDP, MI
26	79760	7,328	6,538	3,305	10,561	3,233	44.1	1,548	46.8	1.98	Three Rivers city, MI
26	80340	14,532	22,996	7,730	29,798	15,266	105.1	4,333	56.1	2.97	Traverse City city, MI
26	80420	19,584	11,467	8,930	22,121	2,537	13.0	1,967	22.0	1.28	Trenton city, MI
26	80700	80,959	105,445	41,434	144,970	64,011	79.1	12,127	29.3	2.54	Troy city, MI
26	81540	4,577	5,543	2,349	7,771	3,194	69.8	243	10.3	2.36	Utica city, MI
26	82960	21,842	20,919	11,968	30,793	8,951	41.0	2,396	20.0	1.75	Walker city, MI
26	83060	6,713	3,901	3,564	7,050	337	5.0	419	11.8	1.09	Walled Lake city, MI
26	84000	138,247	90,939	62,810	166,376	28,129	20.3	16,450	26.2	1.45	Warren city, MI
26	84220	73,150	24,049	37,509	59,690	-13,460	-18.4	8,620	23.0	0.64	Waterford CDP, MI
26	84800	16,194	8,973	8,702	16,465	271	1.7	1,656	19.0	1.03	Waverly CDP, MI
26	84940	19,051	16,749	8,489	27,311	8,260	43.4	1,549	18.2	1.97	Wayne city, MI
26	85510	64,862	13,794	31,407	47,249	-17,613	-27.2	4,388	14.0	0.44	West Bloomfield Township CDP, MI
26	85580	1,926	3,179	858	4,247	2,321	120.5	565	65.9	3.71	West Branch city, MI
26	86000	86,602	22,966	42,760	66,808	-19,794	-22.9	6,378	14.9	0.54	Westland city, MI
26	86380	9,122	1,642	4,934	5,830	-3,292	-36.1	373	7.6	0.33	Westwood CDP, MI
26	86780	2,884	4,359	1,281	5,962	3,078	106.7	610	47.6	3.40	Whitehall city, MI
26	87060	6,574	1,295	3,586	4,283	-2,291	-34.8	264	7.4	0.36	Whitmore Lake CDP, MI
26	88140	13,263	12,718	7,750	18,231	4,968	37.5	1,223	15.8	1.64	Wixom city, MI
26	88260	4,415	305	2,674	2,046	-2,369	-53.7	115	4.3	0.11	Wolverine Lake village, MI
26	88380	12,530	6,493	6,662	12,361	-169	-1.3	740	11.1	0.97	Woodhaven city, MI
26	88900	28,006	10,745	13,354	25,397	-2,609	-9.3	2,697	20.2	0.80	Wyandotte city, MI
26	88940	69,368	42,957	35,777	76,548	7,180	10.4	10,332	28.9	1.20	Wyoming city, MI

**Census 2000 PHC-T-40. Estimated Daytime Population and Employment-Residence Ratios: 2000**

Table 3. Selected Places, Michigan

NOTE: Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, definitions, and count corrections see <http://factfinder.census.gov/home/en/datanotes/expsf3.htm>.

FIPS state code (1)	FIPS place code (2)	Total resident population (3)	Total workers working in the place (4)	Total workers living in the place (5)	Estimated daytime population (6) = (3)+(4)-(5)	Daytime population change due to commuting		Workers who lived and worked in the same place		Employment residence ratio (11) = (4)/(5)	Place name <sup>1/</sup>
						Number (7) = (6)-(3)	Percent (8) = (7)/(3)*100	Number (9)	Percent (10) = (9)/(5)*100		
26	89140	22,362	13,390	12,419	23,333	971	4.3	3,279	26.4	1.08	Ypsilanti city, MI
26	89260	5,805	9,214	2,693	12,326	6,521	112.3	819	30.4	3.42	Zeeland city, MI

<sup>1/</sup>Based on data for places with either 2,500 workers living in the place or 2,500 workers working in the place.

**NOTES**

**Workers** – people 16 years and over who were employed and at work during the reference week. The estimate of workers includes part-time and full-time civilian personnel and people in the Armed Forces.

**(Col. 1) FIPS state code** – the two-digit code used in the Federal Information Processing Standards to identify each state.

**(Col. 2) FIPS place code** – the five-digit code used in the Federal Information Processing Standards to identify each place, both incorporated places and census designated places (CDP), within each state.

**(Col. 3) Total resident population** – the total number of persons living in the place, as shown in Census 2000 100-percent data such as Summary File 1.

**(Col. 4) Total workers working in the place** – this is the number of workers who reported working in the place, regardless of their place of residence. In other words, it is the total that worked there no matter where they lived. Residence locations are not considered, only workplace locations are reflected in this number.

**(Col. 5) Total workers living in the place** – this is sometimes referred to as the number of resident workers. It is the number of people living in the place who are workers. It includes workers who live there regardless of where they worked, or in other words, no matter where their workplace was located. Place of work location is not considered, only residence location is reflected in this number.

**(Col. 6) Estimated daytime population** – this is the estimate arrived at by adjusting the total resident population by the number of incommuters and outcommuters to the place, using data from Census 2000. It does not adjust for people entering or leaving the place for purposes other than commuting, nor does the commuting adjustment take the time of day of the work trips into account. The estimate is calculated by adding the total resident population (col. 3) and the total workers working in the place (col. 4), and then subtracting from that result the total workers living in the place (col. 5). This method yields the same result as would be obtained by adding the incommuters and subtracting the outcommuters from the total resident population.

**(Col. 7) Daytime population change due to commuting: number** – this is the numeric increase or decrease in the population of the place as a result of work-related commuting. It is the net change in the population due to work travel and is computed by subtracting the total resident population (col. 3) from the estimated daytime population (col. 6). Positive numbers indicate more commuters entering the place than leaving it. Negative numbers occur when more workers leave the place to go to work than enter it to come to work.

**Census 2000 PHC-T-40. Estimated Daytime Population and Employment-Residence Ratios: 2000**

Table 3. Selected Places, Michigan

NOTE: Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, definitions, and count corrections see <http://factfinder.census.gov/home/en/datanotes/expsf3.htm>.

FIPS state code (1)	FIPS place code (2)	Total resident population (3)	Total workers working in the place (4)	Total workers living in the place (5)	Estimated daytime population (6) = (3)+(4)-(5)	Daytime population change due to commuting		Workers who lived and worked in the same place		Employment residence ratio (11) = (4)/(5)	Place name <sup>1/</sup>
						Number (7) = (6)-(3)	Percent (8) = (7)/(3)*100	Number (9)	Percent (10) = (9)/(5)*100		

**(Col. 8) Daytime population change due to commuting: percent** – this is the percentage increase or decrease in the population of the place as a result of work-related commuting. It is calculated by dividing the numeric change due to commuting (col. 7) by the total resident population (col. 3), and multiplying the result by 100. Positive figures denote the percentage increase experienced by the population, while negative numbers show the percentage decrease in the population as a result of commuting.

**(Col. 9) Workers who lived and worked in the same place: number** – this value shows how many workers who lived in a particular place also worked in that same place. It is derived from place of residence location information and responses to the question on workplace location during the week prior to filling out the census questionnaire.

**(Col. 10) Workers who lived and worked in the same place: percent** – this measure is sometimes used as an indicator of worker retention, but it does not reflect variation in area size or other attributes very well. It is computed by dividing the number of workers who lived and worked in the same place (col. 9) by the total workers living there (col. 5) and multiplying the result by 100.

**(Col. 11) Employment-residence (E-R) ratio** – this is a measure of the total number of workers working in a place (col. 4), relative to the total number of workers living in the place (col. 5). It is often used as a rough indication of the jobs-workers balance in a place, although it does not take into account whether the resident workers possess the skills needed for the jobs that are available. E-R ratios greater than 1.00 occur when there are more workers working in the place than living there. These places can be considered as net importers of labor. For example, an E-R ratio of 1.19 means that there are 19 percent more workers working in the place than living in the place. Values less than 1.00 indicate places that send more workers to other areas than they receive, i.e., they are net exporters of labor.

Source: U.S. Census Bureau, Census 2000.

Contact: Journey to Work and Migration Statistics Branch, Population Division, 301-763-2454.