

Estimated Components of Population Change for Michigan Counties: April 2000 - July 2003

Area Name	Total Population Change	Estimated Components of Population Change							Estimated Change as Percent of 2000 Census Count							
		Natural Increase			Net Migration			Residual*	Total Pop. Change	Natural Increase			Net Migration			Residual*
		Total	Births	Deaths	Total	International	Domestic			Total	Births	Deaths	Total	International	Domestic	
Michigan	141,505	142,282	428,261	285,979	3,918	82,169	-78,251	-4,695	1.4%	1.4%	4.3%	2.9%	0.0%	0.8%	-0.8%	0.0%
Alcona	-147	-321	206	527	186	6	180	-12	-1.3%	-2.7%	1.8%	4.5%	1.6%	0.1%	1.5%	-0.1%
Alger	-95	-152	259	411	73	7	66	-16	-1.0%	-1.5%	2.6%	4.2%	0.7%	0.1%	0.7%	-0.2%
Allegan	4,666	1,747	4,575	2,828	2,964	429	2,535	-45	4.4%	1.7%	4.3%	2.7%	2.8%	0.4%	2.4%	0.0%
Alpena	-533	-42	1,077	1,119	-449	42	-491	-42	-1.7%	-0.1%	3.4%	3.6%	-1.4%	0.1%	-1.6%	-0.1%
Antrim	984	-122	685	807	1,087	19	1,068	19	4.3%	-0.5%	3.0%	3.5%	4.7%	0.1%	4.6%	0.1%
Arenac	40	-124	521	645	180	3	177	-16	0.2%	-0.7%	3.0%	3.7%	1.0%	0.0%	1.0%	-0.1%
Baraga	36	-32	321	353	76	3	73	-8	0.4%	-0.4%	3.7%	4.0%	0.9%	0.0%	0.8%	-0.1%
Barry	2,019	720	2,243	1,523	1,317	23	1,294	-18	3.6%	1.3%	4.0%	2.7%	2.3%	0.0%	2.3%	0.0%
Bay	-705	638	4,222	3,584	-1,261	85	-1,346	-82	-0.6%	0.6%	3.8%	3.3%	-1.1%	0.1%	-1.2%	-0.1%
Benzie	1,080	33	585	552	1,025	16	1,009	22	6.8%	0.2%	3.7%	3.5%	6.4%	0.1%	6.3%	0.1%
Berrien	313	1,737	7,022	5,285	-1,342	1,495	-2,837	-82	0.2%	1.1%	4.3%	3.3%	-0.8%	0.9%	-1.7%	-0.1%
Branch	627	516	1,839	1,323	141	282	-141	-30	1.4%	1.1%	4.0%	2.9%	0.3%	0.6%	-0.3%	-0.1%
Calhoun	869	1,114	6,028	4,914	-107	572	-679	-138	0.6%	0.8%	4.4%	3.6%	-0.1%	0.4%	-0.5%	-0.1%
Cass	281	167	1,687	1,520	176	85	91	-62	0.5%	0.3%	3.3%	3.0%	0.3%	0.2%	0.2%	-0.1%
Charlevoix	622	204	986	782	436	39	397	-18	2.4%	0.8%	3.8%	3.0%	1.7%	0.1%	1.5%	-0.1%
Cheboygan	957	-30	910	940	970	10	960	17	3.6%	-0.1%	3.4%	3.6%	3.7%	0.0%	3.6%	0.1%
Chippewa	279	236	1,280	1,044	81	72	9	-38	0.7%	0.6%	3.3%	2.7%	0.2%	0.2%	0.0%	-0.1%
Clare	337	-44	1,109	1,153	403	7	396	-22	1.1%	-0.1%	3.5%	3.7%	1.3%	0.0%	1.3%	-0.1%
Clinton	2,856	948	2,400	1,452	1,903	36	1,867	5	4.4%	1.5%	3.7%	2.2%	2.9%	0.1%	2.9%	0.0%
Crawford	535	-78	425	503	602	3	599	11	3.7%	-0.5%	3.0%	3.5%	4.2%	0.0%	4.2%	0.1%
Delta	-203	5	1,393	1,388	-171	20	-191	-37	-0.5%	0.0%	3.6%	3.6%	-0.4%	0.1%	-0.5%	-0.1%
Dickinson	-286	-170	875	1,045	-95	13	-108	-21	-1.0%	-0.6%	3.2%	3.8%	-0.3%	0.0%	-0.4%	-0.1%
Eaton	2,542	1,480	4,079	2,599	1,175	325	850	-113	2.5%	1.4%	3.9%	2.5%	1.1%	0.3%	0.8%	-0.1%
Emmet	1,304	203	1,143	940	1,114	75	1,039	-13	4.1%	0.6%	3.6%	3.0%	3.5%	0.2%	3.3%	0.0%
Genesee	6,102	7,481	20,460	12,979	-836	719	-1,555	-543	1.4%	1.7%	4.7%	3.0%	-0.2%	0.2%	-0.4%	-0.1%
Gladwin	916	-95	926	1,021	997	3	994	14	3.5%	-0.4%	3.6%	3.9%	3.8%	0.0%	3.8%	0.1%
Gogebic	-41	-390	409	799	338	0	338	11	-0.2%	-2.2%	2.4%	4.6%	1.9%	0.0%	1.9%	0.1%
Grand Traverse	4,357	946	3,004	2,058	3,389	234	3,155	22	5.6%	1.2%	3.9%	2.7%	4.4%	0.3%	4.1%	0.0%
Gratiot	216	203	1,545	1,342	54	72	-18	-41	0.5%	0.5%	3.7%	3.2%	0.1%	0.2%	0.0%	-0.1%
Hillsdale	703	426	1,953	1,527	322	49	273	-45	1.5%	0.9%	4.2%	3.3%	0.7%	0.1%	0.6%	-0.1%
Houghton	233	-19	1,264	1,283	274	247	27	-22	0.6%	-0.1%	3.5%	3.6%	0.8%	0.7%	0.1%	-0.1%
Huron	-863	-361	1,125	1,486	-475	51	-526	-27	-2.4%	-1.0%	3.1%	4.1%	-1.3%	0.1%	-1.5%	-0.1%
Ingham	2,616	5,786	11,835	6,049	-3,152	4,393	-7,545	-18	0.9%	2.1%	4.2%	2.2%	-1.1%	1.6%	-2.7%	0.0%
Ionia	2,055	1,060	2,594	1,534	1,028	65	963	-33	3.3%	1.7%	4.2%	2.5%	1.7%	0.1%	1.6%	-0.1%
Iosco	-451	-373	817	1,190	-50	10	-60	-28	-1.6%	-1.4%	3.0%	4.4%	-0.2%	0.0%	-0.2%	-0.1%

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Iron	-351	-330	285	615	-12	0	-12	-9	-2.7%	-2.5%	2.2%	4.7%	-0.1%	0.0%	-0.1%	-0.1%
Isabella	1,312	906	2,270	1,364	486	406	80	-80	2.1%	1.4%	3.6%	2.2%	0.8%	0.6%	0.1%	-0.1%
Jackson	3,899	1,840	6,524	4,684	2,170	354	1,816	-111	2.5%	1.2%	4.1%	3.0%	1.4%	0.2%	1.1%	-0.1%
Kalamazoo	3,507	3,778	10,141	6,363	-75	1,875	-1,950	-196	1.5%	1.6%	4.3%	2.7%	0.0%	0.8%	-0.8%	-0.1%
Kalkaska	606	203	711	508	409	6	403	-6	3.7%	1.2%	4.3%	3.1%	2.5%	0.0%	2.4%	0.0%
Kent	16,082	16,723	30,000	13,277	-271	8,225	-8,496	-370	2.8%	2.9%	5.2%	2.3%	0.0%	1.4%	-1.5%	-0.1%
Keweenaw	-74	-14	70	84	-56	0	-56	-4	-3.2%	-0.6%	3.0%	3.7%	-2.4%	0.0%	-2.4%	-0.2%
Lake	462	-204	312	516	650	0	650	16	4.1%	-1.8%	2.8%	4.6%	5.7%	0.0%	5.7%	0.1%
Lapeer	3,410	1,518	3,404	1,886	1,931	143	1,788	-39	3.9%	1.7%	3.9%	2.1%	2.2%	0.2%	2.0%	0.0%
Leelanau	741	16	579	563	728	68	660	-3	3.5%	0.1%	2.7%	2.7%	3.4%	0.3%	3.1%	0.0%
Lenawee	1,839	950	3,867	2,917	979	163	816	-90	1.9%	1.0%	3.9%	2.9%	1.0%	0.2%	0.8%	-0.1%
Livingston	15,930	3,372	6,470	3,098	12,359	543	11,816	199	10.1%	2.1%	4.1%	2.0%	7.9%	0.3%	7.5%	0.1%
Luce	-105	-78	196	274	-23	0	-23	-4	-1.5%	-1.1%	2.8%	3.9%	-0.3%	0.0%	-0.3%	-0.1%
Mackinac	-473	-166	311	477	-300	10	-310	-7	-4.0%	-1.4%	2.6%	4.0%	-2.5%	0.1%	-2.6%	-0.1%
Macomb	25,799	8,435	32,188	23,753	17,833	7,587	10,246	-469	3.3%	1.1%	4.1%	3.0%	2.3%	1.0%	1.3%	-0.1%
Manistee	790	-119	825	944	903	13	890	6	3.2%	-0.5%	3.4%	3.8%	3.7%	0.1%	3.6%	0.0%
Marquette	-18	-163	1,929	2,092	234	75	159	-89	0.0%	-0.3%	3.0%	3.2%	0.4%	0.1%	0.2%	-0.1%
Mason	411	-154	1,009	1,163	593	13	580	-28	1.5%	-0.5%	3.6%	4.1%	2.1%	0.0%	2.1%	-0.1%
Mecosta	1,175	353	1,529	1,176	838	182	656	-16	2.9%	0.9%	3.8%	2.9%	2.1%	0.4%	1.6%	0.0%
Menominee	-242	-127	870	997	-92	26	-118	-23	-1.0%	-0.5%	3.4%	3.9%	-0.4%	0.1%	-0.5%	-0.1%
Midland	1,618	1,268	3,279	2,011	428	524	-96	-78	2.0%	1.5%	4.0%	2.4%	0.5%	0.6%	-0.1%	-0.1%
Missaukee	711	140	567	427	567	3	564	4	4.9%	1.0%	3.9%	2.9%	3.9%	0.0%	3.9%	0.0%
Monroe	4,728	1,435	5,460	4,025	3,397	370	3,027	-104	3.2%	1.0%	3.7%	2.8%	2.3%	0.3%	2.1%	-0.1%
Montcalm	1,660	920	2,723	1,803	783	65	718	-43	2.7%	1.5%	4.4%	2.9%	1.3%	0.1%	1.2%	-0.1%
Montmorency	177	-295	270	565	477	3	474	-5	1.7%	-2.9%	2.6%	5.5%	4.6%	0.0%	4.6%	0.0%
Muskegon	2,890	2,451	7,737	5,286	643	358	285	-204	1.7%	1.4%	4.5%	3.1%	0.4%	0.2%	0.2%	-0.1%
Newaygo	1,397	548	1,957	1,409	870	127	743	-21	2.9%	1.1%	4.1%	2.9%	1.8%	0.3%	1.6%	0.0%
Oakland	13,713	21,183	50,593	29,410	-7,081	18,041	-25,122	-389	1.1%	1.8%	4.2%	2.5%	-0.6%	1.5%	-2.1%	0.0%
Oceana	1,201	469	1,197	728	746	257	489	-14	4.5%	1.7%	4.5%	2.7%	2.8%	1.0%	1.8%	-0.1%
Ogemaw	147	-240	738	978	399	10	389	-12	0.7%	-1.1%	3.4%	4.5%	1.8%	0.0%	1.8%	-0.1%
Ontonagon	-247	-199	145	344	-37	3	-40	-11	-3.2%	-2.5%	1.9%	4.4%	-0.5%	0.0%	-0.5%	-0.1%
Osceola	312	109	905	796	224	16	208	-21	1.3%	0.5%	3.9%	3.4%	1.0%	0.1%	0.9%	-0.1%
Oscoda	43	-111	271	382	158	3	155	-4	0.5%	-1.2%	2.9%	4.1%	1.7%	0.0%	1.6%	0.0%
Otsego	967	238	906	668	721	23	698	8	4.2%	1.0%	3.9%	2.9%	3.1%	0.1%	3.0%	0.0%
Ottawa	11,077	6,777	11,508	4,731	4,522	1,226	3,296	-222	4.6%	2.8%	4.8%	2.0%	1.9%	0.5%	1.4%	-0.1%
Presque Isle	-125	-197	422	619	89	10	79	-17	-0.9%	-1.4%	2.9%	4.3%	0.6%	0.1%	0.5%	-0.1%
Roscommon	761	-579	668	1,247	1,311	6	1,305	29	3.0%	-2.3%	2.6%	4.9%	5.1%	0.0%	5.1%	0.1%

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Saginaw	-715	2,160	9,008	6,848	-2,753	474	-3,227	-122	-0.3%	1.0%	4.3%	3.3%	-1.3%	0.2%	-1.5%	-0.1%
Saint Clair	4,828	1,675	6,464	4,789	3,257	292	2,965	-104	2.9%	1.0%	3.9%	2.9%	2.0%	0.2%	1.8%	-0.1%
Saint Joseph	442	1,137	3,012	1,875	-658	464	-1,122	-37	0.7%	1.8%	4.8%	3.0%	-1.1%	0.7%	-1.8%	-0.1%
Sanilac	36	221	1,714	1,493	-129	19	-148	-56	0.1%	0.5%	3.8%	3.4%	-0.3%	0.0%	-0.3%	-0.1%
Schoolcraft	-131	-66	275	341	-54	0	-54	-11	-1.5%	-0.7%	3.1%	3.8%	-0.6%	0.0%	-0.6%	-0.1%
Shiawassee	856	808	2,899	2,091	109	20	89	-61	1.2%	1.1%	4.0%	2.9%	0.2%	0.0%	0.1%	-0.1%
Tuscola	116	387	2,207	1,820	-219	10	-229	-52	0.2%	0.7%	3.8%	3.1%	-0.4%	0.0%	-0.4%	-0.1%
Van Buren	1,947	1,200	3,387	2,187	823	322	501	-76	2.6%	1.6%	4.4%	2.9%	1.1%	0.4%	0.7%	-0.1%
Washtenaw	15,792	7,289	13,323	6,034	8,923	7,813	1,110	-420	4.9%	2.3%	4.1%	1.9%	2.8%	2.4%	0.3%	-0.1%
Wayne	-32,384	33,315	100,123	66,808	-65,834	22,469	-88,303	135	-1.6%	1.6%	4.9%	3.2%	-3.2%	1.1%	-4.3%	0.0%
Wexford	767	203	1,211	1,008	579	42	537	-15	2.5%	0.7%	4.0%	3.3%	1.9%	0.1%	1.8%	0.0%

Notes: The estimate of domestic migration includes changes in institutional populations. |
The residual reflects adjustments for consistency with national control totals and other adjustments made by the Census Bureau.

Source: U.S. Census Bureau, County Population Estimates: April 1, 2000 to July 1, 2003. Release date: April 9, 2004.
These estimates were prepared by the Census Bureau through the Federal-State Cooperative for Population Estimates (FSCPE).