

Table I-A
Minority and Medicaid Births in Michigan County Groups

County	1998-2000			2005-07			2000-07	2005-07	
	Total Births	Minority Births Number	Percent	Total Births	Minority Births Number	Percent	Minority Percent Change ¹	Medicaid Number	Percent
Michigan	134,368	35,163	26.2	126,742	37,102	29.3	12.0	49,569	39.1
Allegan	1,460	169	11.6	1,529	206	13.5	16.6	561	36.7
Bay	1,303	111	8.5	1,247	130	10.4	21.7	590	47.3
Berrien	2,229	735	33.0	2,103	752	35.8	8.6	1,130	53.7
Calhoun	1,858	379	20.4	1,867	439	23.5	15.1	978	52.4
Clinton	786	32	4.1	813	63	7.7	89.1	232	28.5
Eaton	1,210	123	10.1	1,143	154	13.5	33.1	433	37.9
Genesee	6,431	1,949	30.3	6,031	1,871	31.0	2.3	2,962	49.1
Gr. Traverse	955	54	5.7	982	67	6.8	20.2	428	43.6
Ingham	3,742	1,112	29.7	3,606	1,143	31.7	6.7	1,725	47.8
Isabella	682	78	11.4	731	116	15.9	39.0	291	39.8
Jackson	2,058	278	13.5	2,035	314	15.4	14.1	932	45.8
Kalamazoo	3,164	697	22.0	3,163	853	27.0	22.6	1,415	44.7
Kent	9,379	2,477	26.4	9,443	2,993	31.7	20.0	3,390	35.9
Lapeer	1,097	65	5.9	960	73	7.6	28.3	367	38.3
Lenawee	1,197	163	13.6	1,235	217	17.6	28.9	533	43.2
Livingston	1,983	101	5.1	1,910	101	5.3	3.7	343	17.9
Macomb	10,042	1,026	10.2	9,965	1,843	18.5	81.0	2,650	26.6
Midland	1,037	56	5.4	909	53	5.8	7.4	347	38.2
Monroe	1,758	106	6.0	1,736	268	15.4	155.4	498	28.7
Muskegon	2,364	588	24.9	2,379	684	28.8	15.7	1,352	56.8
Oakland	15,995	3,308	20.7	14,374	4,180	29.1	40.7	3,285	22.9
Ottawa	3,623	629	17.4	3,523	651	18.5	6.5	867	24.6
Saginaw	2,871	1,051	36.6	2,561	992	38.7	5.7	1,410	55.0
St. Clair	2,112	136	6.4	1,979	158	8.0	24.3	814	41.1
Shiawassee	935	22	2.4	835	32	3.8	61.4	368	44.1
Van Buren	1,042	219	21.0	1,070	273	25.5	21.5	576	53.9
Washtenaw	4,008	1,195	29.8	4,160	1,442	34.7	16.4	1,003	24.1
Wayne	31,171	17,053	54.7	27,074	15,481	57.2	4.6	11,734	43.3
Urban Group	116,493	33,913	29.1	109,364	35,547	32.5	11.6	41,214	37.7

¹ A negative number reflects a decline in the percentage at risk.

* n/a

Minority and Medicaid Births in Michigan County Groups (cont.)

County	1998-2000			2005-07			2000-07	2005-07	
	Total Births	Minority Births Number	Percent	Total Births	Minority Births Number	Percent	Minority Percent Change	Medicaid Number	Percent
Michigan	134,368	35,163	26.2	126,742	37,102	29.3	12.0	49,569	39.1
Alpena	336	11	3.3	302	10	3.2	-2.4	155	51.4
Antrim	248	15	5.9	245	10	4.2	-29.0	142	57.9
Barry	715	26	3.6	695	32	4.7	29.3	246	35.4
Branch	570	37	6.4	621	58	9.4	46.1	297	47.8
Cass	560	79	14.1	525	89	17.0	20.5	286	54.5
Charlevoix	315	19	6.0	285	18	6.2	2.9	126	44.2
Cheboygan	277	13	4.6	262	17	6.5	42.0	151	57.6
Chippewa	399	103	25.8	385	114	29.6	14.8	199	51.8
Clare	342	9	2.5	357	13	3.7	46.0	208	58.4
Delta	428	17	3.9	406	19	4.7	20.6	191	47.0
Dickinson	282	11	3.8	265	15	5.5	45.2	111	41.7
Emmet	383	30	7.8	363	29	7.9	0.8	153	42.2
Gladwin	292	5	1.8	262	6	2.4	31.6	136	52.0
Gratiot	517	36	7.0	482	60	12.5	79.4	249	51.8
Hillsdale	615	17	2.8	579	28	4.9	74.0	267	46.0
Houghton	391	18	4.5	406	28	7.0	54.8	160	39.4
Huron	386	17	4.5	332	16	4.8	6.9	154	46.3
Ionia	829	37	4.5	835	58	6.9	54.5	338	40.4
Iosco	272	11	3.9	216	13	6.0	52.8	122	56.4
Leelanau	199	32	16.2	186	33	17.6	8.3	67	35.9
Manistee	246	18	7.5	235	18	7.8	4.5	119	50.5
Marquette	589	24	4.1	649	37	5.7	38.0	272	41.9
Mason	318	27	8.4	327	25	7.6	-9.5	165	50.3
Mecosta	492	47	9.5	455	33	7.3	-23.0	204	44.9
Menominee	284	17	5.9	230	72	31.3	434.0	38	16.5
Montcalm	833	40	4.8	816	50	6.2	30.1	375	45.9
Newaygo	634	56	8.9	661	77	11.6	30.6	328	49.6
Oceana	358	108	30.2	385	113	29.2	-3.2	237	61.5
Ogemaw	228	5	2.3	200	8	4.2	79.8	121	60.6
Osceola	282	11	3.8	285	8	2.8	-26.1	128	45.0
Otsego	284	6	2.0	284	9	3.2	60.2	143	50.5
Roscommon	212	6	3.0	189	6	3.3	10.6	125	66.2
St. Joseph	922	126	13.7	966	175	18.1	32.5	475	49.2
Sanilac	544	26	4.8	517	23	4.4	-9.1	223	43.2
Tuscola	680	37	5.4	637	32	5.1	-6.3	302	47.3
Wexford	399	10	2.5	437	21	4.8	91.4	219	50.2
Mid-Size Grp	15,659	1,106	7.1	15,284	1,375	9.0	27.5	7,231	47.3
Alcona	84	0	0.4	67	2	3.5	778.5	38	57.0
Alger	85	6	6.7	78	7	8.5	27.0	38	49.1
Arenac	178	9	4.9	165	4	2.2	-54.8	92	55.8
Baraga	95	19	19.6	90	24	26.7	36.4	46	51.1
Benzie	188	11	5.7	205	12	5.7	0.3	95	46.3
Crawford	147	6	4.3	132	6	4.8	11.4	80	60.2
Gogebic	146	9	5.9	146	20	14.0	135.3	74	50.6
Iron	100	2	2.3	88	7	7.6	225.7	49	55.7
Kalkaska	209	7	3.3	221	9	4.1	22.4	138	62.4
Keweenaw	25	1	2.7	18	0	1.9	-29.7	5	29.6
Lake	128	22	17.2	118	18	15.0	-13.0	73	61.6
Luce	61	5	8.2	57	5	9.3	14.1	34	58.7
Mackinac	110	22	19.9	104	26	25.1	25.9	55	53.4
Missaukee	171	5	2.9	180	7	3.9	33.6	89	49.7
Montmorency	97	3	2.7	76	2	2.2	-19.7	46	60.5
Ontonagon	58	1	2.3	52	3	5.1	120.6	24	46.8
Oscoda	94	3	3.5	83	4	4.4	24.1	43	51.6
Presque Isle	134	4	2.7	116	3	2.6	-4.7	53	45.8
Schoolcraft	93	7	7.5	75	11	14.2	88.7	45	60.4
Rural Group	2,203	141	6.4	2,070	169	8.1	26.5	1,117	54.0

¹ A negative number reflects a decline in the percentage at risk.

* n/a

Table I-B
Births to Teens⁺ in Michigan County Groups

County	1998-2000		2005-07			2000-07
	Number	Percent	Number	Percent	Rank in Group Rate	Percent Change ¹
Michigan	14,881	11.1	12,388	9.8	—	-11.7
Livingston	87	4.4	81	4.3	1	-2.5
Washtenaw	262	6.5	199	4.8	2	-26.7
Oakland	875	5.5	724	5.0	3	-7.9
Macomb	597	5.9	515	5.2	4	-13.0
Clinton	50	6.4	52	6.4	5	-0.1
Gr. Traverse	82	8.6	65	6.6	6	-23.2
Ottawa	317	8.8	247	7.0	7	-20.0
Midland	87	8.4	71	7.8	8	-7.0
Lapeer	101	9.2	79	8.2	9	-11.3
Eaton	127	10.5	95	8.3	10	-21.3
Monroe	196	11.1	145	8.4	11	-25.1
Isabella	77	11.3	68	9.3	12	-18.4
Allegan	173	11.8	144	9.4	13	-20.2
Kent	1,080	11.5	914	9.7	14	-16.0
St. Clair	234	11.1	194	9.8	15	-11.5
Kalamazoo	352	11.1	319	10.1	16	-9.3
Ingham	418	11.2	365	10.1	16	-9.5
Shiawassee	113	12.1	84	10.1	16	-16.7
Bay	152	11.7	129	10.4	19	-11.1
Lenawee	145	12.1	141	11.4	20	-5.8
Van Buren	161	15.5	125	11.7	21	-24.2
Genesee	922	14.3	740	12.3	22	-14.5
Berrien	378	17.0	267	12.7	23	-25.2
Saginaw	411	14.3	330	12.9	24	-9.8
Wayne	4,156	13.3	3,549	13.1	25	-1.7
Muskegon	405	17.1	327	13.7	26	-19.7
Jackson	304	14.8	285	14.0	27	-5.2
Calhoun	294	15.8	266	14.2	28	-10.1
Urban Group	12,555	10.8	10,519	9.6	—	-10.8

⁺ Women under age 20

¹ A negative number reflects a decline in the percentage at risk.

* n/a

Births to Teens⁺ in Michigan County Groups (cont.)

County	1998-2000		2005-07		2000-07
	Number	Percent	Number	Percent	Rank in Group Rate Percent Change ¹
Michigan	14,881	11.1	12,388	9.8	—
Leelanau	18	9.0	10	5.4	1
Marquette	51	8.7	42	6.5	2
Houghton	36	9.2	28	6.9	3
Emmet	39	10.1	25	7.0	4
Huron	31	7.9	24	7.1	5
Delta	49	11.5	32	7.9	6
Charlevoix	30	9.5	24	8.3	7
Tuscola	93	13.7	55	8.7	8
Chippewa	52	13.0	35	9.1	9
Barry	67	9.4	64	9.2	10
Sanilac	62	11.5	49	9.4	11
Cheboygan	33	12.0	26	9.9	12
Osceola	37	13.3	28	9.9	12
Ionia	105	12.6	83	10.0	14
Alpena	43	12.7	31	10.4	15
Dickinson	33	11.7	28	10.4	15
Mason	58	18.3	36	10.9	17
Roscommon	33	15.5	21	11.3	18
Hillsdale	81	13.2	66	11.4	19
Otsego	34	12.0	32	11.4	19
Antrim	36	14.5	28	11.5	21
Gratiot	68	13.2	56	11.6	22
Mecosta	59	12.1	53	11.6	22
Ogemaw	33	14.3	24	11.8	24
Montcalm	120	14.4	97	11.9	25
Gladwin	34	11.5	32	12.1	26
Manistee	31	12.8	28	12.1	26
Iosco	33	12.3	26	12.2	28
St. Joseph	135	14.7	117	12.2	28
Menominee	37	13.0	29	12.6	30
Wexford	63	15.9	55	12.7	31
Branch	86	15.1	83	13.4	32
Newaygo	101	16.0	90	13.7	33
Cass	81	14.5	75	14.2	34
Oceana	60	16.9	59	15.2	35
Clare	52	15.2	57	16.1	36
Mid-size Group	2,017	12.9	1,650	10.8	—
Mackinac	16	14.5	6	5.8	1
Schoolcraft	14	15.4	5	6.2	2
Benzie	21	11.4	13	6.4	3
Presque Isle	20	14.9	8	6.9	4
Arenac	21	11.8	15	9.1	5
Montmorency	13	13.4	7	9.2	6
Ontonagon	6	11.0	5	9.6	7
Gogebic	18	12.1	15	10.1	8
Alcona	11	13.5	7	10.5	9
Oscoda	14	15.2	9	10.9	10
Alger	8	9.4	9	11.1	11
Baraga	14	15.0	10	11.5	12
Missaukee	29	16.9	22	12.1	13
Luce	8	13.6	7	12.2	14
Iron	13	13.3	12	14.0	15
Kalkaska	32	15.3	31	14.0	15
Lake	26	20.6	17	14.4	17
Crawford	21	14.5	20	15.1	18
Keweenaw	1	*	0	*	*
Rural Group	309	14.0	218	10.5	—

⁺ Women under age 20

¹ A negative number reflects a decline in the percentage at risk.

* n/a

Table I-C

Repeat Births to Teen 15-19 in Michigan County Groups

County	1998-2000		2005-07		Rank in Group Rate	2000-07 Percent Change ¹
	Number	Percent	Number	Percent		
Michigan	3,120	21.3	2,270	18.6	—	-12.7
Lapeer	17	16.4	9	12.0	1	-27.2
Livingston	14	15.8	10	12.3	2	-21.7
Isabella	13	17.5	9	12.8	3	-26.7
Macomb	92	15.5	70	13.6	4	-12.2
Washtenaw	47	18.0	28	14.0	5	-21.9
Eaton	18	14.2	13	14.1	6	-0.6
Ottawa	57	18.0	35	14.5	7	-19.8
Monroe	34	17.4	22	15.0	8	-13.6
Midland	13	15.0	11	15.6	9	4.3
Clinton	8	16.6	8	16.1	10	-2.6
Oakland	167	19.3	116	16.2	11	-16.1
Lenawee	29	20.4	23	16.5	12	-19.0
St. Clair	45	19.3	32	16.5	12	-14.5
Gr. Traverse	16	19.1	11	17.1	14	-10.5
Allegan	31	18.3	25	17.8	15	-2.3
Muskegon	87	21.8	61	18.7	16	-14.0
Shiawassee	21	18.9	16	19.4	17	3.0
Wayne	961	23.7	675	19.5	18	-17.6
Bay	28	18.7	26	19.9	19	6.7
Saginaw	89	22.2	66	20.4	20	-8.0
Kent	240	22.6	188	20.8	21	-8.1
Van Buren	35	22.5	26	20.9	22	-7.1
Jackson	62	20.7	60	21.2	23	2.0
Genesee	214	23.8	155	21.5	24	-9.6
Kalamazoo	82	23.6	68	21.7	25	-8.1
Calhoun	69	23.8	57	21.8	26	-8.5
Berrien	100	27.3	57	21.9	27	-19.7
Ingham	101	24.5	79	22.0	28	-10.3
Urban Group	2,689	21.8	1,957	18.9	—	-13.3

¹ A negative number reflects a decline in the percentage at risk.

* n/a

Repeat Births to Teens 15-19 in Michigan County Groups (cont.)

County	1998-2000		2005-07		Rank in Group Rate	2000-07 Percent Change ¹
	Number	Percent	Number	Percent		
Michigan	3,120	21.3	2,270	18.6	—	-12.7
Marquette	7	13.8	2	5.6	1	-59.8
Cheboygan	7	20.0	2	7.7	2	-61.5
Huron	5	17.6	2	9.9	3	-43.9
Gladwin	7	21.2	3	10.5	4	-50.4
Dickinson	6	18.2	3	12.0	5	-33.7
Delta	7	14.3	4	12.6	6	-11.6
Tuscola	14	15.6	7	12.7	7	-18.3
Chippewa	8	15.5	5	13.3	8	-13.9
Hillsdale	19	23.6	9	13.3	8	-43.4
Alpena	7	16.7	4	13.8	10	-17.0
Emmet	6	16.7	4	14.5	11	-13.2
Barry	12	18.0	9	14.7	12	-18.6
Wexford	12	19.8	8	14.7	12	-25.6
Mason	13	23.1	5	15.1	14	-34.7
Iosco	6	18.4	4	15.2	15	-17.3
Ogemaw	5	16.3	4	15.7	16	-3.8
Montcalm	21	17.4	15	16.0	17	-8.0
Newaygo	18	17.5	15	16.7	18	-4.7
Otsego	6	17.6	6	17.7	19	0.3
Manistee	6	19.1	5	17.9	20	-6.7
Sanilac	12	19.0	9	17.9	20	-5.7
Clare	11	21.2	10	18.2	22	-13.8
St. Joseph	29	21.5	22	18.6	23	-13.6
Antrim	6	15.9	5	18.8	24	18.5
Cass	17	20.6	14	18.8	24	-8.9
Osceola	6	16.1	5	18.8	24	17.1
Mecosta	11	18.8	10	19.0	27	1.3
Menominee	5	13.6	6	19.5	28	43.3
Branch	16	18.6	17	20.6	29	10.7
Oceana	15	25.3	12	20.7	30	-18.2
Charlevoix	6	18.9	5	21.1	31	11.8
Ionia	21	20.2	17	21.1	31	4.3
Houghton	5	13.9	6	21.4	33	54.3
Graiot	14	21.3	13	22.8	34	6.9
Leelanau	3	19.2	3	26.7	35	38.7
Roscommon	6	17.2	2	*	*	*
Mid-size Group	374	18.7	272	16.6	—	-11.3
Gogebic	3	15.4	2	13.6	1	-11.4
Iron	1	*	2	16.2	2	*
Lake	8	29.1	3	18.0	3	-38.2
Kalkaska	6	20.0	7	22.6	4	12.9
Arenac	5	23.8	3	22.7	5	-4.5
Crawford	5	22.2	5	25.4	6	14.4
Baraga	1	*	3	25.8	7	*
Missaukee	4	12.6	6	26.2	8	106.9
Alcona	3	26.5	1	*	*	*
Alger	1	*	1	*	*	*
Benzie	2	11.1	1	*	*	*
Keweenaw	0	*	0	*	*	*
Luce	2	*	1	*	*	*
Mackinac	3	19.1	1	*	*	*
Montmorency	2	*	1	*	*	*
Ontonagon	1	*	0	*	*	*
Oscoda	4	28.6	1	*	*	*
Presque Isle	4	19.0	1	*	*	*
Schoolcraft	3	18.6	1	*	*	*
Rural Group	57	18.5	40	18.5	—	-0.4

¹ A negative number reflects a decline in the percentage at risk.

* n/a

Table I-D
Nonmarital Births in Michigan County Groups

County	1998-2000		2005-07		Rank in Group Rate	2000-07 Percent Change ¹
	Number	Percent	Number	Percent		
Michigan	45,347	33.7	48,347	38.1	—	13.0
Livingston	273	13.8	361	18.9	1	37.2
Ottawa	703	19.4	796	22.6	2	16.5
Clinton	145	18.5	191	23.5	3	26.8
Oakland	2,972	18.6	3,378	23.5	3	26.5
Washtenaw	908	22.7	1,046	25.2	5	11.0
Macomb	1,975	19.7	2,630	26.4	6	34.2
Gr. Traverse	237	24.8	270	27.5	7	11.1
Midland	239	23.0	258	28.4	8	23.3
Lapeer	248	22.6	292	30.4	9	34.4
Allegan	380	26.0	487	31.8	10	22.5
Eaton	352	29.1	387	33.8	11	16.3
Monroe	447	25.4	621	35.8	12	40.8
Kent	3,025	32.2	3,526	37.3	13	15.8
Shiawassee	286	30.6	319	38.2	14	24.8
Lenawee	377	31.5	484	39.2	15	24.6
Kalamazoo	1,110	35.1	1,242	39.3	16	12.0
St. Clair	654	30.9	779	39.3	16	27.1
Van Buren	376	36.1	423	39.5	18	9.6
Ingham	1,382	36.9	1,447	40.1	19	8.6
Isabella	222	32.6	296	40.5	20	24.5
Bay	448	34.3	509	40.8	21	18.8
Berrien	920	41.3	934	44.4	22	7.6
Jackson	815	39.6	938	46.1	23	16.4
Calhoun	778	41.9	909	48.7	24	16.3
Genesee	2,927	45.5	2,960	49.1	25	7.8
Muskegon	1,063	45.0	1,178	49.5	26	10.2
Saginaw	1,299	45.2	1,296	50.6	27	11.9
Wayne	15,013	48.2	13,855	51.2	28	6.3
Urban Group	39,572	34.0	41,815	38.2	—	12.6

¹ A negative number reflects a decline in the percentage at risk.

* n/a

Nonmarital Births in Michigan County Groups (cont.)

County	1998-2000		2005-07		Rank in Group Rate	2000-07 Percent Change ¹
	Number	Percent	Number	Percent		
Michigan	45,347	33.7	48,347	38.1	—	13.0
Houghton	91	23.3	87	21.4	1	-8.3
Leelanau	48	24.1	43	23.2	2	-4.0
Barry	184	25.7	207	29.8	3	15.8
Menominee	95	33.4	70	30.6	4	-8.5
Emmet	100	26.1	115	31.8	5	21.6
Delta	145	33.8	133	32.8	6	-3.2
Huron	100	25.9	111	33.5	7	29.4
Hillsdale	194	31.5	195	33.7	8	6.9
Marquette	176	29.9	219	33.8	9	12.8
Sanilac	151	27.8	175	33.8	9	21.6
Gladwin	93	31.8	90	34.2	11	7.4
Tuscola	223	32.8	219	34.4	12	5.0
Charlevoix	96	30.5	101	35.3	13	15.6
Osceola	98	34.9	103	36.0	14	3.2
Otsego	79	27.7	103	36.3	15	30.9
Antrim	79	32.0	91	37.0	16	15.5
Ionia	268	32.4	311	37.3	17	15.1
Mecosta	168	34.1	170	37.3	17	9.6
Dickinson	80	28.3	100	37.6	19	32.8
Newaygo	198	31.2	258	39.1	20	25.2
Mason	108	34.1	129	39.5	21	15.9
Branch	193	33.9	248	39.9	22	17.8
Alpena	117	35.0	121	40.1	23	14.8
Oceana	112	31.2	155	40.2	24	29.0
Montcalm	274	32.9	329	40.4	25	22.6
St. Joseph	320	34.7	390	40.4	25	16.4
Wexford	136	34.0	177	40.5	27	18.9
Gratiot	166	32.1	201	41.8	28	30.1
Chippewa	147	36.7	164	42.7	29	16.2
Cheboygan	89	32.0	113	43.1	30	34.4
Ogemaw	84	36.8	88	43.8	31	19.0
Iosco	107	39.4	95	43.9	32	11.5
Cass	178	31.7	232	44.2	33	39.3
Manistee	89	36.1	107	45.5	34	26.2
Clare	127	37.2	165	46.1	35	23.9
Roscommon	91	42.9	93	48.9	36	14.2
Mid-size Group	5,003	32.0	5,708	37.3	—	16.9
Keweenaw	5	20.3	3	14.8	1	-26.9
Benzie	49	25.9	62	30.3	2	16.8
Oscoda	31	33.3	27	32.7	3	-2.0
Alger	22	26.4	26	33.3	4	26.4
Presque Isle	36	26.8	41	35.2	5	31.5
Ontonagon	20	34.7	18	35.3	6	1.7
Alcona	28	33.1	24	36.5	7	10.4
Gogebic	44	30.2	53	36.6	8	21.2
Mackinac	41	36.9	39	37.3	9	1.2
Missaukee	57	33.3	71	39.5	10	18.8
Schoolcraft	30	32.6	30	40.0	11	22.6
Luce	23	37.0	23	40.7	12	10.1
Iron	34	34.3	36	40.9	13	19.2
Kalkaska	76	36.5	91	41.2	14	12.7
Arenac	73	41.2	70	42.6	15	3.5
Crawford	60	40.8	60	45.3	16	11.1
Montmorency	31	31.8	36	47.4	17	48.7
Baraga	40	42.3	44	49.3	18	16.4
Lake	67	52.2	60	51.1	19	-2.1
Rural Group	768	34.9	816	39.4	—	13.1

¹ A negative number reflects a decline in the percentage at risk.

* n/a

Table I-E

Births to Women with Less Than 12 Years Education in Michigan County Groups

County	1998-2000		2005-07		Rank in Group Rate	2000-07 Percent Change ¹
	Number	Percent	Number	Percent		
Michigan	23,075	17.2	21,301	16.8	—	-2.1
Livingston	96	4.9	83	4.3	1	-10.9
Washtenaw	254	6.3	266	6.4	2	0.9
Clinton	61	7.7	58	7.1	3	-7.6
Oakland	1,318	8.2	1,265	8.8	4	6.8
Midland	110	10.6	85	9.3	5	-12.1
Gr. Traverse	95	10.0	101	10.3	6	3.1
Macomb	1,063	10.6	1,101	11.0	7	4.3
Eaton	142	11.8	130	11.4	8	-3.1
Ottawa	504	13.9	429	12.2	9	-12.5
Isabella	97	14.2	96	13.1	10	-7.4
Monroe	262	14.9	232	13.3	11	-10.5
Lapeer	141	12.8	130	13.6	12	5.7
Kalamazoo	462	14.6	433	13.7	13	-6.1
Allegan	237	16.3	230	15.0	14	-7.6
Shiawassee	155	16.6	128	15.3	15	-7.8
Bay	217	16.6	202	16.2	16	-2.9
Lenawee	220	18.4	201	16.2	16	-11.6
Jackson	316	15.4	332	16.3	18	6.0
Ingham	643	17.2	617	17.1	19	-0.4
St. Clair	340	16.1	338	17.1	19	6.1
Genesee	1,318	20.5	1,119	18.5	21	-9.5
Saginaw	579	20.2	499	19.5	22	-3.4
Kent	1,881	20.1	1,952	20.7	23	3.1
Muskegon	538	22.8	516	21.7	24	-4.7
Calhoun	425	22.9	412	22.1	25	-3.5
Berrien	541	24.3	493	23.4	26	-3.4
Van Buren	279	26.8	254	23.8	27	-11.3
Wayne	7,534	24.2	6,620	24.5	28	1.2
Urban Group	319,830	17.0	18,320	16.8	—	-1.6

¹ A negative number reflects a decline in the percentage at risk.

* n/a

Births to Women with Less Than 12 Years Education in Michigan County Groups (cont.)

County	1998-2000		2005-07		Rank in Group Rate	2000-07 Percent Change ¹
	Number	Percent	Number	Percent		
Michigan	23,075	17.2	21,301	16.8	—	-2.1
Marquette	38	6.5	40	6.2	1	-5.3
Houghton	28	7.3	27	6.6	2	-9.4
Emmet	47	12.3	31	8.6	3	-29.7
Delta	51	12.0	38	9.4	4	-22.0
Leelanau	28	13.9	18	9.9	5	-29.0
Charlevoix	45	14.2	32	11.2	6	-20.7
Huron	43	11.1	40	12.0	7	9.0
Barry	87	12.1	85	12.2	8	1.0
Dickinson	37	13.0	33	12.3	9	-5.4
Tuscola	106	15.6	78	12.3	9	-21.4
Chippewa	71	17.8	50	13.0	11	-27.0
Mason	63	19.8	45	13.7	12	-30.7
Cheboygan	45	16.4	37	14.3	13	-12.9
Gratiot	84	16.2	70	14.5	14	-10.7
Ionia	137	16.5	122	14.7	15	-11.2
Alpena	50	14.9	45	14.8	16	-0.8
Antrim	41	16.5	36	14.8	16	-10.4
Otsego	39	13.9	44	15.5	18	11.9
Menominee	40	14.1	37	16.1	19	14.4
Sanilac	102	18.8	85	16.4	20	-12.4
Ogemaw	42	18.2	33	16.6	21	-8.8
Wexford	71	17.7	73	16.7	22	-5.8
Montcalm	178	21.4	144	17.7	23	-17.6
Osceola	56	19.8	53	18.7	24	-5.3
Iosco	57	21.0	43	19.7	25	-6.0
Manistee	43	17.5	48	20.3	26	15.9
Newaygo	146	23.1	134	20.3	26	-12.1
Mecosta	106	21.5	93	20.5	28	-4.7
Roscommon	45	21.0	39	20.6	29	-2.1
Hillsdale	131	21.3	129	22.3	30	4.9
Clare	86	25.2	87	24.4	31	-3.5
Cass	133	23.8	131	25.0	32	5.3
Gladwin	72	24.7	66	25.3	33	2.2
Oceana	104	29.1	104	27.1	34	-7.1
Branch	147	25.8	181	29.2	35	13.0
St. Joseph	255	27.6	308	31.9	36	15.6
Mid-size Group	2,854	18.2	2,662	17.4	—	-4.4
Alger	9	10.2	7	8.5	1	-16.5
Ontonagon	6	10.4	5	9.0	2	-13.7
Mackinac	16	14.8	11	10.3	3	-30.5
Gogebic	21	14.2	16	10.8	4	-24.2
Presque Isle	17	12.7	14	12.0	5	-4.9
Montmorency	20	20.9	10	12.7	6	-39.1
Benzie	24	12.8	27	13.0	7	1.9
Schoolcraft	15	16.1	10	13.3	8	-17.3
Alcona	13	15.9	9	14.0	9	-12.2
Baraga	14	14.3	14	15.2	10	5.9
Luce	10	16.8	9	15.7	11	-6.8
Missaukee	29	16.9	29	16.0	12	-5.7
Lake	37	29.0	20	16.7	13	-42.5
Arenac	38	21.5	28	16.8	14	-22.1
Kalkaska	40	19.1	38	17.3	15	-9.4
Crawford	31	20.9	25	18.6	16	-10.7
Iron	11	11.3	18	20.5	17	80.5
Oscoda	37	39.7	29	34.7	18	-12.7
Keweenaw	1	*	1	*	*	*
Rural Group	390	17.7	317	15.3	—	-13.4

¹ A negative number reflects a decline in the percentage at risk.

* n/a

Table I-F

Smoking During Pregnancy in Michigan County Groups

County	1998-2000		2005-07		Rank in Group Rate	2000-07 Percent Change ¹
	Number	Percent	Number	Percent		
Michigan	21,397	15.9	17,850	14.1		-11.6
Oakland	1,473	9.2	850	5.9	1	-35.7
Ottawa	315	8.7	221	6.3	2	-27.9
Washtenaw	148	3.7	312	7.5	3	103.3
Kent	1,210	12.9	863	9.1	4	-29.2
Clinton	69	8.8	75	9.2	5	5.1
Ingham	369	9.9	352	9.8	6	-0.8
Macomb	1,727	17.2	1,127	11.3	7	-34.2
Livingston	220	11.1	223	11.7	8	5.3
Wayne	4,691	15.0	3,269	12.1	9	-19.8
Eaton	166	13.7	141	12.3	10	-10.0
Midland	164	15.8	132	14.5	11	-8.6
Allegan	248	17.0	226	14.8	12	-13.1
Gr. Traverse	176	18.4	156	15.9	13	-13.8
Kalamazoo	584	18.5	539	17.1	14	-7.7
Berrien	427	19.2	363	17.2	15	-10.0
Saginaw	549	19.1	445	17.4	16	-9.2
Lapeer	218	19.8	170	17.7	17	-10.7
Lenawee	223	18.6	225	18.2	18	-2.2
Van Buren	218	20.9	199	18.6	19	-11.1
Isabella	134	19.6	145	19.8	20	0.9
Genesee	1,155	18.0	1,203	20.0	21	11.1
Monroe	364	20.7	354	20.4	22	-1.7
Calhoun	410	22.0	390	20.9	23	-5.3
Jackson	320	15.5	431	21.2	24	36.2
Bay	308	23.6	275	22.0	25	-6.7
St. Clair	511	24.2	446	22.5	26	-7.0
Muskegon	540	22.8	543	22.8	27	-0.1
Shiawassee	226	24.1	204	24.4	28	1.0
Urban Group	17,160	14.7	13,876	12.7	—	-13.9

¹ A negative number reflects a decline in the percentage at risk.

* n/a

Smoking During Pregnancy in Michigan County Groups (cont.)

County	1998-2000		2005-07		Rank in Group Rate	2000-07 Percent Change ¹
	Number	Percent	Number	Percent		
Michigan	21,397	15.9	17,850	14.1	—	-11.6
Leelanau	36	17.9	21	11.1	1	-37.9
Barry	133	18.5	113	16.3	2	-12.0
Emmet	78	20.4	63	17.3	3	-15.3
Ionia	177	21.4	149	17.8	4	-16.8
Charlevoix	56	17.7	51	18.0	5	2.0
Marquette	103	17.5	121	18.6	6	6.3
Oceana	64	17.8	72	18.8	7	5.6
Houghton	78	20.1	77	19.0	8	-5.3
Montcalm	192	23.1	161	19.7	9	-14.5
Huron	71	18.3	67	20.1	10	9.7
Mason	64	20.3	66	20.1	10	-0.9
Antrim	58	23.4	51	20.7	12	-11.7
Newaygo	146	23.1	137	20.7	12	-10.2
St. Joseph	222	24.1	202	20.9	14	-13.2
Branch	128	22.5	133	21.4	15	-5.1
Otsego	51	18.1	61	21.6	16	19.5
Gratiot	99	19.2	105	21.8	17	13.8
Mecosta	118	24.0	101	22.1	18	-7.6
Delta	97	22.8	91	22.3	19	-1.9
Gladwin	59	20.1	60	23.0	20	14.6
Sanilac	123	22.5	120	23.1	21	2.6
Osceola	75	26.7	66	23.3	22	-13.0
Tuscola	169	24.9	153	24.0	23	-3.9
Dickinson	66	23.6	66	24.7	24	5.1
Cheboygan	69	25.1	65	25.0	25	-0.4
Wexford	113	28.3	110	25.1	26	-11.5
Cass	153	27.3	134	25.5	27	-6.6
Hillsdale	155	25.1	149	25.7	28	2.1
Manistee	65	26.3	61	26.0	29	-1.4
Chippewa	110	27.5	101	26.2	30	-4.8
Ogemaw	74	32.6	59	29.6	31	-9.0
Alpena	92	27.4	90	29.9	32	9.0
Clare	65	19.0	108	30.3	33	59.7
Menominee	77	27.1	72	31.2	34	15.1
Iosco	90	33.1	75	34.5	35	4.2
Roscommon	72	33.9	72	37.9	36	11.6
Mid-size Group	3,599	23.0	3,400	22.2	—	-3.2
Alger	16	18.9	15	18.8	1	-0.5
Benzie	49	25.9	39	19.2	2	-25.9
Mackinac	25	22.7	20	19.3	3	-14.9
Keweenaw	5	18.9	4	20.4	4	7.7
Presque Isle	24	18.1	26	22.1	5	21.8
Oscoda	23	24.8	20	24.2	6	-2.5
Missaukee	41	23.9	44	24.7	7	3.1
Kalkaska	67	32.2	59	26.8	8	-16.7
Gogebic	48	32.7	40	27.5	9	-16.1
Montmorency	33	34.2	22	28.9	10	-15.5
Schoolcraft	26	28.0	22	29.3	11	4.9
Ontonagon	15	25.4	15	29.5	12	15.9
Arenac	55	30.9	51	30.9	13	0.0
Lake	53	41.3	37	31.6	14	-23.3
Alcona	28	33.1	21	32.0	15	-3.2
Luce	18	29.9	18	32.0	15	7.0
Iron	32	32.3	30	33.7	17	4.3
Baraga	31	32.5	32	35.9	18	10.5
Crawford	45	30.8	52	39.0	19	26.6
Rural Group	634	28.8	568	27.4	—	-4.7

¹ A negative number reflects a decline in the percentage at risk.

* n/a

Table I-G

Births to Women Receiving Late or No Prenatal Care in Michigan County Groups

County	1998-2000		2005-07		Rank in Group Rate	2000-07 Percent Change ¹
	Number	Percent	Number	Percent		
Michigan	4,601	3.4	4,145	3.3	—	-4.5
Gr. Traverse	30	3.1	9	0.9	1	-70.5
Midland	19	1.8	11	1.2	2	-30.7
Clinton	11	1.4	11	1.4	3	-3.3
Ottawa	100	2.8	51	1.5	4	-47.2
Bay	30	2.3	20	1.6	5	-32.3
Livingston	26	1.3	30	1.6	5	18.3
Oakland	207	1.3	249	1.7	7	34.0
Eaton	21	1.7	23	2.0	8	14.2
St. Clair	88	4.2	39	2.0	8	-52.1
Washtenaw	94	2.3	87	2.1	10	-10.9
Saginaw	82	2.9	57	2.2	11	-21.9
Ingham	65	1.7	85	2.4	12	36.2
Macomb	148	1.5	238	2.4	12	62.4
Muskegon	65	2.7	58	2.4	12	-11.3
Jackson	250	12.1	55	2.7	15	-77.9
Kent	316	3.4	256	2.7	15	-19.6
Monroe	43	2.4	46	2.7	15	9.1
Calhoun	59	3.2	53	2.8	18	-10.1
Shiawassee	15	1.6	23	2.8	18	71.6
Lenawee	34	2.9	35	2.9	20	-0.3
Allegan	41	2.8	45	3.0	21	4.7
Kalamazoo	84	2.7	102	3.2	22	21.0
Genesee	186	2.9	214	3.5	23	22.7
Isabella	17	2.5	29	4.0	24	57.8
Lapeer	23	2.1	44	4.5	25	117.0
Wayne	1,766	5.7	1,502	5.5	26	-2.1
Van Buren	37	3.6	60	5.6	27	58.0
Berrien	147	6.6	121	5.8	28	-12.9
Urban Group	4,004	3.4	3,555	3.3	—	-5.4

¹ A negative number reflects a decline in the percentage at risk.

* n/a

Births to Women Receiving Late or No Prenatal Care in Michigan County Groups (cont.)

County	1998-2000		2005-07		Rank in Group Rate	2000-07 Percent Change ¹
	Number	Percent	Number	Percent		
Michigan	4,601	3.4	4,145	3.3	—	-4.5
Cheboygan	3	1.2	3	1.0	1	-15.4
Dickinson	6	2.0	3	1.3	2	-37.6
Huron	13	3.3	5	1.5	3	-54.1
Antrim	6	2.4	4	1.6	4	-32.6
Emmet	11	2.8	6	1.6	4	-44.0
Otsego	2	0.7	5	1.6	4	133.3
Barry	17	2.4	14	2.0	7	-18.8
Alpena	7	2.2	6	2.1	8	-4.1
Montcalm	25	3.0	18	2.2	9	-24.1
Menominee	13	4.6	5	2.3	10	-49.3
Houghton	8	2.0	10	2.4	11	16.4
Newaygo	19	3.0	16	2.4	11	-22.2
Chippewa	14	3.6	10	2.6	13	-27.6
Manistee	10	4.1	6	2.6	13	-37.3
Ionia	25	3.0	23	2.8	15	-7.5
Leelanau	6	3.0	5	2.9	16	-4.7
Charlevoix	5	1.6	9	3.0	17	91.8
Gratiot	9	1.7	14	3.0	17	70.8
Wexford	9	2.3	14	3.1	19	38.4
Ogemaw	8	3.5	6	3.2	20	-9.8
Oceana	15	4.3	13	3.3	21	-23.3
Tuscola	14	2.1	21	3.3	21	56.2
Clare	10	3.0	13	3.6	23	20.5
Iosco	10	3.7	9	4.0	24	8.8
Roscommon	6	3.0	8	4.0	24	35.8
Cass	26	4.6	22	4.1	26	-10.0
Mason	9	2.9	13	4.1	26	38.6
Sanilac	21	3.9	22	4.3	28	10.1
St. Joseph	45	4.8	42	4.4	29	-9.5
Hillsdale	32	5.3	27	4.7	30	-10.2
Marquette	17	2.9	31	4.7	30	60.5
Osceola	10	3.4	13	4.7	30	36.3
Gladwin	18	6.2	15	5.6	33	-9.2
Delta	14	3.4	25	6.1	34	81.3
Mecosta	26	5.2	29	6.4	35	22.3
Branch	39	6.8	47	7.6	36	10.6
Mid-size Group	530	3.4	531	3.5	—	2.7
Kalkaska	7	3.2	3	1.2	1	-62.2
Crawford	3	1.8	2	1.5	2	-16.7
Iron	3	2.7	2	2.3	3	-14.8
Benzie	5	2.7	5	2.4	4	-8.3
Gogebic	6	4.3	4	2.7	5	-36.8
Oscoda	8	8.5	2	2.8	6	-66.8
Alger	3	3.9	2	3.0	7	-24.0
Schoolcraft	2	*	2	3.1	8	*
Missaukee	2	1.4	6	3.2	9	131.6
Mackinac	2	1.8	4	3.9	10	112.9
Lake	6	4.7	5	4.0	11	-15.9
Arenac	8	4.5	7	4.2	12	-5.6
Baraga	4	3.8	5	5.9	13	54.1
Alcona	1	*	2	*	*	*
Keweenaw	0	*	0	*	*	*
Luce	1	*	1	*	*	*
Montmorency	1	*	0	*	*	*
Ontonagon	1	*	2	*	*	*
Presque Isle	3	2.0	1	*	*	*
Rural Group	66	3.0	55	2.7	—	-11.2

¹ A negative number reflects a decline in the percentage at risk.

* n/a

Table I-H
Low-Birthweight Babies in Michigan County Groups

County	1998-2000		2005-07		Rank in Group Rate	2000-07 Percent Change*
	Number	Percent	Number	Percent		
Michigan	10,626	7.9	10,645	8.4	—	6.2
Livingston	113	5.7	118	6.2	1	7.8
Ottawa	222	6.1	230	6.5	2	6.5
Eaton	82	6.8	75	6.6	3	-2.8
Van Buren	77	7.4	73	6.8	4	-8.0
Lapeer	71	6.4	67	6.9	5	7.8
Allegan	90	6.2	107	7.0	6	13.1
Gr. Traverse	56	5.9	69	7.0	6	19.8
Monroe	109	6.2	127	7.3	8	18.4
Bay	99	7.6	92	7.4	9	-2.6
Clinton	51	6.5	60	7.4	9	14.4
Isabella	45	6.6	55	7.6	11	15.5
Kent	700	7.5	718	7.6	11	1.9
Washtenaw	279	7.0	316	7.6	11	9.2
Lenawee	86	7.2	96	7.7	14	7.8
Shiawassee	63	6.7	64	7.7	14	13.7
Midland	70	6.7	71	7.8	16	16.8
Berrien	183	8.2	167	7.9	17	-3.6
Oakland	1,116	7.0	1,148	8.0	18	14.5
Jackson	156	7.6	165	8.1	19	7.1
Ingham	292	7.8	294	8.2	20	4.5
St. Clair	133	6.3	163	8.2	20	30.5
Macomb	685	6.8	831	8.3	22	22.2
Calhoun	143	7.7	159	8.5	23	10.1
Kalamazoo	237	7.5	269	8.5	23	13.7
Muskegon	187	7.9	201	8.5	23	7.0
Genesee	575	8.9	608	10.1	26	12.7
Saginaw	262	9.1	258	10.1	26	10.4
Wayne	3,294	10.6	2,847	10.5	28	-0.5
Urban Group	9,474	8.1	9,448	8.6	—	6.2

¹ A negative number reflects a decline in the percentage at risk.

* n/a

Low-Birthweight Babies in Michigan County Groups (cont.)

County	1998-2000		2005-07		2000-07
	Number	Percent	Number	Percent	Rank in Group Rate Percent Change*
Michigan	10,626	7.9	10,645	8.4	—
Houghton	14	3.6	16	4.0	1
Otsego	13	4.5	15	5.3	2
Chippewa	16	3.9	22	5.6	3
Charlevoix	17	5.4	16	5.7	4
Cheboygan	22	8.0	15	5.7	4
Ogemaw	13	5.7	11	5.7	4
Iosco	19	7.1	13	5.9	7
Dickinson	13	4.7	16	6.2	8
Ionia	49	5.9	52	6.2	8
Montcalm	61	7.3	51	6.2	8
Hillsdale	46	7.5	37	6.3	11
Marquette	25	4.2	41	6.3	11
Roscommon	18	8.3	12	6.3	11
Oceana	26	7.2	25	6.4	14
Sanilac	32	5.9	33	6.4	14
Mecosta	34	7.0	29	6.5	16
Osceola	18	6.5	19	6.5	16
Antrim	14	5.8	16	6.7	18
Branch	36	6.3	41	6.7	18
Tuscola	45	6.6	43	6.7	18
Menominee	21	7.3	16	6.8	21
Barry	58	8.2	48	6.9	22
Newaygo	39	6.1	45	6.9	22
Gratiot	38	7.4	34	7.0	24
Emmet	23	6.1	27	7.4	25
Gladwin	23	7.9	19	7.4	25
Leelanau	11	5.7	14	7.4	25
St. Joseph	66	7.2	73	7.5	28
Huron	30	7.7	26	7.7	29
Clare	24	7.1	28	7.8	30
Delta	21	4.8	33	8.0	31
Mason	19	6.1	27	8.2	32
Wexford	32	8.0	36	8.2	32
Cass	41	7.4	45	8.6	34
Alpena	20	6.1	31	10.1	35
Manistee	18	7.3	27	11.3	36
Mid-size Group	1,016	6.5	1,050	6.9	—
Oscoda	3	3.2	3	3.6	1
Iron	4	3.7	4	4.2	2
Mackinac	4	3.6	6	5.5	3
Missaukee	11	6.4	10	5.8	4
Baraga	4	4.2	5	5.9	5
Alger	6	7.1	5	6.0	6
Presque Isle	8	6.0	8	6.9	7
Benzie	13	6.7	14	7.0	8
Gogebic	10	7.1	10	7.1	9
Lake	8	6.0	9	7.3	10
Kalkaska	14	6.5	16	7.4	11
Alcona	7	8.4	5	7.5	12
Arenac	13	7.1	13	7.7	13
Luce	4	7.1	5	8.1	14
Montmorency	5	5.1	6	8.3	15
Crawford	8	5.2	12	8.8	16
Schoolcraft	9	9.7	7	8.9	17
Ontonagon	2	4.0	5	9.6	18
Keweenaw	2	*	0	*	*
Rural Group	134	6.1	143	6.9	—

¹ A negative number reflects a decline in the percentage at risk.

* n/a

Table I-1
Preterm Births in Michigan County Groups

County	1998-2000		2005-07		Rank in Group Rate	2000-07 Percent Change*
	Number	Percent	Number	Percent		
Michigan	14,616	10.9	12,538	9.9	—	-9.1
Livingston	173	8.7	149	7.8	1	-10.8
Monroe	173	9.9	139	8.0	2	-18.8
Lenawee	120	10.0	101	8.2	3	-18.2
Washtenaw	312	7.8	351	8.4	4	8.2
Gr. Traverse	94	9.8	83	8.5	5	-14.1
Oakland	1,624	10.2	1,216	8.5	5	-16.7
Ottawa	314	8.7	306	8.7	7	0.0
Lapeer	110	10.0	84	8.8	8	-12.4
Muskegon	229	9.7	208	8.8	8	-9.6
Berrien	255	11.4	187	8.9	10	-22.1
Van Buren	120	11.5	96	9.0	11	-22.3
Shiawassee	88	9.4	78	9.3	12	-0.8
Calhoun	179	9.7	175	9.4	13	-2.9
Isabella	73	10.7	69	9.4	13	-12.3
Bay	132	10.1	119	9.5	15	-5.8
Kent	947	10.1	903	9.6	16	-5.3
Kalamazoo	335	10.6	307	9.7	17	-8.4
Macomb	1,025	10.2	988	9.9	18	-2.9
Allegan	133	9.1	153	10.0	19	9.5
Genesee	628	9.8	610	10.1	20	3.7
St. Clair	221	10.4	200	10.1	20	-3.3
Jackson	189	9.2	208	10.2	22	11.6
Midland	102	9.9	93	10.2	22	3.3
Eaton	124	10.3	118	10.3	24	0.4
Saginaw	360	12.5	267	10.4	25	-16.8
Clinton	71	9.1	95	11.7	26	28.8
Wayne	4,322	13.9	3,299	12.2	27	-12.1
Ingham	399	10.7	443	12.3	28	15.1
Urban Group	12,853	11.0	11,044	10.1	—	-8.5

¹ A negative number reflects a decline in the percentage at risk.

* n/a

Preterm Births in Michigan County Groups (cont.)

County	1998-2000		2005-07		Rank in Group Rate	2000-07 Percent Change*
	Number	Percent	Number	Percent		
Michigan	14,616	10.9	12,538	9.9	—	-9.1
Menominee	24	8.4	9	3.9	1	-53.6
Houghton	25	6.4	21	5.3	2	-17.8
Hillsdale	62	10.1	36	6.3	3	-37.8
Osceola	22	7.9	18	6.3	3	-20.3
Otsego	21	7.3	19	6.6	5	-9.7
Branch	54	9.5	45	7.2	6	-24.5
Mecosta	45	9.1	33	7.2	6	-21.4
Montcalm	85	10.2	59	7.3	8	-28.5
Charlevoix	24	7.7	21	7.4	9	-4.5
Sanilac	55	10.1	39	7.6	10	-24.8
Dickinson	27	9.5	20	7.7	11	-19.1
Leelanau	17	8.4	14	7.7	11	-7.8
Iosco	31	11.3	17	7.9	13	-30.4
Ogemaw	19	8.3	16	8.2	14	-2.0
Cheboygan	36	12.9	22	8.3	15	-35.8
Chippewa	29	7.3	32	8.3	15	14.5
Gratiot	55	10.7	40	8.3	15	-22.5
Delta	30	6.9	34	8.4	18	20.7
Newaygo	58	9.1	56	8.5	19	-6.8
Wexford	50	12.5	38	8.6	20	-31.3
Marquette	50	8.5	57	8.7	21	2.8
Antrim	24	9.7	22	9.1	22	-5.9
St. Joseph	96	10.4	89	9.2	23	-11.5
Oceana	37	10.3	36	9.3	24	-9.6
Tuscola	73	10.7	59	9.3	24	-13.8
Emmet	44	11.4	34	9.4	26	-17.9
Ionia	84	10.1	80	9.5	27	-5.9
Cass	56	10.1	51	9.7	28	-4.1
Roscommon	23	11.0	18	9.7	28	-11.9
Barry	82	11.5	69	10.0	30	-12.9
Huron	43	11.1	35	10.4	31	-5.5
Mason	28	8.9	35	10.6	32	18.7
Clare	40	11.6	41	11.4	33	-1.8
Alpena	40	12.0	37	12.3	34	2.8
Manistee	30	12.3	29	12.5	35	1.1
Gladwin	34	11.5	33	12.7	36	10.3
Mid-size Group	1,552	9.9	1,315	8.6	—	-13.2
Oscoda	8	8.9	4	5.2	1	-40.9
Iron	10	10.0	5	5.3	2	-47.0
Alcona	8	9.6	5	7.5	3	-21.6
Presque Isle	13	9.9	9	8.0	4	-19.2
Alger	6	6.7	6	8.1	5	21.3
Arenac	18	10.1	13	8.1	5	-20.1
Gogebic	17	11.4	12	8.5	7	-26.0
Crawford	14	9.5	11	8.6	8	-10.1
Lake	13	10.2	10	8.8	9	-14.0
Montmorency	9	8.9	7	8.8	9	-1.5
Missaukee	16	9.1	16	8.9	11	-2.6
Schoolcraft	11	11.5	7	8.9	11	-22.5
Mackinac	8	6.9	9	9.0	13	29.6
Benzie	19	10.3	19	9.3	14	-9.9
Ontonagon	5	9.2	5	9.6	15	4.0
Kalkaska	20	9.6	22	9.8	16	2.5
Baraga	8	8.7	9	10.0	17	14.4
Luce	4	6.5	6	10.5	18	60.5
Keweenaw	3	13.5	1	*	*	*
Rural Group	210	9.5	178	8.6	—	-10.0

¹ A negative number reflects a decline in the percentage at risk.

* n/a