

2011 Population Health Data Tool

Indicator Area/Title	Ottawa County		Michigan		US		County Rank (RWJF)	Healthy People 2020	Data Source and URL/Comments
	N	%	N	%	N	%			
DEMOGRAPHICS AND SOCIOECONOMIC FACTORS									
Developed for the 2011 Ottawa Community Health Needs Assessment									
Total population count	263,801		10,454,700		324,927,000				U.S. Census Bureau, 2010 Census
% change since 2000	+10.7%		-0.60%		+9.7%				U.S. Census Annual Population Estimates for non-Census years http://factfinder2.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=#none
Percent of Total Population by Age/Sex									
Males									
0-4	9,659	3.7%	323,562	3.1%	10,663,983	3.3%			U.S. Census Bureau, 2009 American Community Survey Table B01001 Sex by Age http://factfinder.census.gov/servlet/DatasetMainPageServlet?_program=A CS&_submenuid=datasets_2&_lang=en Note: Website changing Fall 2011
5-9	9,104	3.5%	333,546	3.2%	10,137,130	3.1%			
10-14	10,181	3.9%	360,642	3.4%	10,567,932	3.3%			
15-19	11,042	4.2%	382,554	3.7%	11,066,879	3.4%			
20-24	9,129	3.5%	351,646	3.4%	10,905,185	3.4%			
25-29	8,632	3.3%	316,140	3.0%	10,643,249	3.3%			
30-34	8,740	3.3%	301,275	2.9%	9,914,758	3.1%			
35-39	8,008	3.0%	340,388	3.3%	10,432,023	3.2%			
40-44	8,985	3.4%	368,126	3.5%	10,970,288	3.4%			
45-49	9,685	3.7%	392,072	3.8%	11,239,381	3.5%			
50-54	9,185	3.5%	366,453	3.5%	10,254,515	3.2%			
55-59	8,063	3.1%	316,135	3.0%	8,770,418	2.7%			
60-64	5,853	2.2%	239,073	2.3%	6,942,575	2.1%			
65-69	4,652	1.8%	173,789	1.7%	5,082,901	1.6%			
70-74	2,817	1.1%	135,751	1.3%	3,924,928	1.2%			
75-79	2,541	1.0%	106,512	1.0%	3,178,944	1.0%			
80-84	1,669	0.6%	76,210	0.7%	2,226,817	0.7%			
85 +	1,446	0.5%	53,756	0.5%	1,613,740	0.5%			
TOTAL	129,391		4,937,630		148,535,646				
Females									
0-4	8,366	3.2%	309,275	3.0%	10,196,361	3.1%			
5-9	8,146	3.1%	317,745	3.0%	9,726,229	3.0%			
10-14	10,122	3.8%	343,802	3.3%	10,022,963	3.1%			
15-19	11,545	4.4%	364,332	3.5%	10,475,625	3.2%			
20-24	10,290	3.9%	340,487	3.3%	10,258,474	3.2%			
25-29	8,725	3.3%	308,384	2.9%	10,220,655	3.1%			
30-34	8,961	3.4%	299,886	2.9%	9,664,541	3.0%			
35-39	7,943	3.0%	343,702	3.3%	10,353,295	3.2%			
40-44	9,345	3.5%	367,017	3.5%	10,992,968	3.4%			
45-49	9,512	3.6%	398,235	3.8%	11,488,764	3.5%			
50-54	8,552	3.2%	377,893	3.6%	10,664,112	3.3%			
55-59	7,843	3.0%	326,494	3.1%	9,328,229	2.9%			
60-64	5,953	2.3%	258,296	2.5%	7,560,131	2.3%			
65-69	5,180	2.0%	197,927	1.9%	5,809,898	1.8%			
70-74	3,183	1.2%	161,383	1.5%	4,778,305	1.5%			
75-79	3,210	1.2%	144,063	1.4%	4,293,987	1.3%			
80-84	2,549	1.0%	121,311	1.2%	3,551,245	1.1%			
85 +	3,141	1.2%	121,346	1.2%	3,540,105	1.1%			
TOTAL	132,566		5,101,578		152,925,887				
Percent Population by Race/Ethnicity									
White alone	234,054	88.7%	7,999,359	76.5%	224,469,780	69.1%			U.S. Census Bureau, 2010 Census http://factfinder2.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=#none
Black or African American alone	3,001	1.1%	1,405,515	13.4%	37,264,679	11.5%			
American Indian and Alaska Native alone	787	0.3%	52,270	0.5%	2,423,294	0.7%			
Asian alone	6,268	2.4%	235,442	2.3%	13,201,056	4.1%			
Native Hawaiian and Other Pacific Islander alone	71	0.0%	2,930	0.0%	447,591	0.1%			In non-Census years, use Annual Population Estimates at Census.gov *National data for Hispanic population was not available
Some other race alone	11,400	4.3%	155,524	1.5%	16,986,453	5.2%			Note: Website changing Fall 2011
Two or more races	4,971	1.9%	188,168	1.8%	6,668,680	2.1%			
Hispanic Ethnicity		8.6%		4.4%	na	na			
Primary Language Spoken at Home by Ability to Speak English									
Population 5 years and over	243,932		9,354,233		285,797,349				Source: U.S. Census Bureau, American Community Survey 1-Year Estimates, Data Profile - Social *Population over 5 years of age Note: Website changing Fall 2011
English only	219,259	89.9%	8,492,114	90.8%	228,699,523	80.0%			
Language other than English	24,673	10.1%	862,119	9.2%	57,097,826	20.0%			
Speak English less than "very well"	9,401	3.9%	309,529	3.3%	24,581,784	8.6%			
Spanish	16,190	6.6%	282,690	3.0%	35,468,501	12.4%			
Speak English less than "very well"	6,029	2.5%	103,888	1.1%	16,222,844	5.7%			
Asian languages	4,621	1.9%	130,624	1.4%	8,698,825	3.0%			
Speak English less than "very well"	2,518	1.0%	55,143	0.6%	4,191,788	1.5%			
Other languages	3,862	1.6%	448,805	4.8%	12,930,500	4.6%			
Speak English less than "very well"	854	0.4%	150,448	1.3%	4,167,152	1.5%			
Marital Status - age 15+									
Never Married	55,174	27.3%	2,496,461	31.0%	74,021,674	30.8%			U.S. Census, 2009 American Community Survey - Data Profile (Social) or Table B12001 (Note: Website changing Fall 2011)
Now Married	122,530	60.5%	4,172,067	51.8%	126,019,315	52.5%			http://factfinder.census.gov/servlet/ADPTable?_bm=y&-context=adp&-qr_name=ACS_2009_1YR_G00_DP2&-ds_name=ACS_2009_1YR_G00_&-tree_id=309&-redoLog=false&-caller=geoselect&-geo_id=01000US&-format=&-lang=en
Widowed	8,479	4.2%	504,409	6.3%	15,073,205	6.3%			
Divorced	16,206	8.0%	877,699	10.9%	25,032,741	10.4%			
Households by Type									
Family Household	68,105		2,570,016		75,082,471				U.S. Census, 2009 ACS - Table B11001 http://factfinder.census.gov/servlet/DatasetMainPageServlet?_program=A CS&_submenuid=datasets_2&_lang=en Note: Website changing Fall 2011
Married Couple Family	58,179		1,931,464		55,974,600				
Other Family	9,926		638,552		19,107,871				
Non-family Household	23,749		1,290,144		37,528,558				
Householder living alone	19,309		1,078,531		30,770,470				
Householder not living alone	4,440		211,613		6,758,088				
% Households that are single-parent households		17%		32%			1st		County Health Rankings. Ottawa Co. and MI 2011: http://www.countyhealthrankings.org/michigan/ottawa (Note: Data compiled from various sources and dates)
Social & Economic Factors County Ranking									
Age by Ratio of Income to Poverty Level (% by age group)							6th		County Health Rankings. Ottawa Co. and MI 2011: http://www.countyhealthrankings.org/michigan/downloads-and-links (Note: Data compiled from various sources and dates)
Under 6 years:	21,292		747,778		24,416,726				U.S. Census, 2009 American Community Survey Table B17024 (17001 and up for same by Race) http://factfinder.census.gov/servlet/DatasetMainPageServlet?_program=A CS&_submenuid=datasets_2&_lang=en Note: Website changing Fall 2011
Under .50	424	2.0%	82,830	11.1%	2,377,702	9.7%			
.50 to .74	654	3.1%	43,498	5.8%	1,367,441	5.6%			
.75 to .99	675	3.2%	42,214	5.6%	1,434,497	5.9%			
1.00 to 1.24	1,413	6.6%	40,035	5.4%	1,466,037	6.0%			
1.25 to 1.49	1,098	5.2%	39,924	5.3%	1,420,083	5.8%			
1.50 to 1.74	1,351	6.3%	39,007	5.2%	1,347,000	5.5%			
1.75 to 1.84	551	2.6%	15,331	2.1%	530,407	2.2%			
1.85 to 1.99	868	4.1%	22,127	3.0%	752,833	3.1%			
2.00 to 2.99	4,877	22.9%	133,734	17.9%	4,294,058	17.6%			

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3.00 to 3.99	4,428	20.8%	104,244	13.9%	3,104,157	12.7%
4.00 to 4.99	2,360	11.1%	68,884	9.2%	2,122,690	8.7%
5.00 and over	2,593	12.2%	115,950	15.5%	4,199,821	17.2%
6 to 11 years:	21,945		783,158		23,561,673	
Under 50	456	2.1%	67,588	8.6%	1,803,258	7.7%
.50 to .74	659	3.0%	42,843	5.5%	1,192,180	5.1%
.75 to .99	891	4.1%	42,655	5.4%	1,296,920	5.5%
1.00 to 1.24	1,122	5.1%	39,092	5.0%	1,312,742	5.6%
1.25 to 1.49	1,251	5.7%	40,709	5.2%	1,308,733	5.6%
1.50 to 1.74	1,269	5.8%	39,877	5.1%	1,273,792	5.4%
1.75 to 1.84	509	2.3%	16,142	2.1%	513,368	2.2%
1.85 to 1.99	954	4.3%	23,115	3.0%	735,555	3.1%
2.00 to 2.99	5,448	24.8%	148,613	19.0%	4,372,072	18.6%
3.00 to 3.99	4,119	18.8%	117,645	15.0%	3,254,449	13.8%
4.00 to 4.99	1,823	8.3%	76,022	9.7%	2,213,060	9.4%
5.00 and over	3,444	15.7%	128,857	16.5%	4,285,544	18.2%
12 to 17 years:	23,658		867,142		24,986,120	
Under 50	651	2.8%	71,836	8.3%	1,771,407	7.1%
.50 to .74	413	1.7%	41,167	4.7%	1,106,990	4.4%
.75 to .99	491	2.1%	41,270	4.8%	1,207,407	4.8%
1.00 to 1.24	919	3.9%	40,512	4.7%	1,255,337	5.0%
1.25 to 1.49	917	3.9%	43,615	5.0%	1,270,816	5.1%
1.50 to 1.74	1,274	5.4%	41,137	4.7%	1,263,741	5.1%
1.75 to 1.84	734	3.1%	17,109	2.0%	509,665	2.0%
1.85 to 1.99	597	2.5%	24,264	2.8%	740,641	3.0%
2.00 to 2.99	5,384	22.8%	157,879	18.2%	4,512,991	18.1%
3.00 to 3.99	4,473	18.9%	133,423	15.4%	3,584,247	14.3%
4.00 to 4.99	2,929	12.4%	90,789	10.5%	2,539,121	10.2%
5.00 and over	4,876	20.6%	164,141	18.9%	5,223,757	20.9%
18 to 24 years:	23,430		902,494		26,852,151	
Under 50	3,153	13.5%	130,444	14.5%	3,265,580	12.2%
.50 to .74	751	3.2%	53,521	5.9%	1,345,316	5.0%
.75 to .99	779	3.3%	52,986	5.9%	1,441,241	5.4%
1.00 to 1.24	750	3.2%	45,369	5.0%	1,423,869	5.3%
1.25 to 1.49	683	2.9%	43,899	4.9%	1,446,728	5.4%
1.50 to 1.74	887	3.8%	42,245	4.7%	1,347,958	5.0%
1.75 to 1.84	457	2.0%	16,950	1.9%	583,641	2.2%
1.85 to 1.99	513	2.2%	25,260	2.8%	828,424	3.1%
2.00 to 2.99	4,122	17.6%	142,563	15.8%	4,672,787	17.4%
3.00 to 3.99	3,997	17.1%	112,494	12.5%	3,419,800	12.7%
4.00 to 4.99	2,960	12.6%	82,280	9.1%	2,400,179	8.9%
5.00 and over	4,378	18.7%	154,483	17.1%	4,676,628	17.4%
25 to 34 years:	35,187		1,203,296		39,620,492	
Under 50	704	2.0%	85,985	7.1%	2,427,481	6.1%
.50 to .74	660	1.9%	48,173	4.0%	1,310,228	3.3%
.75 to .99	1,156	3.3%	52,434	4.4%	1,545,884	3.9%
1.00 to 1.24	1,379	3.9%	51,433	4.3%	1,697,313	4.3%
1.25 to 1.49	1,146	3.3%	53,296	4.4%	1,817,693	4.6%
1.50 to 1.74	1,533	4.4%	53,863	4.5%	1,789,192	4.5%
1.75 to 1.84	864	2.5%	24,631	2.0%	809,959	2.0%
1.85 to 1.99	1,205	3.4%	34,191	2.8%	1,166,665	2.9%
2.00 to 2.99	7,172	20.4%	219,485	18.2%	7,296,930	18.4%
3.00 to 3.99	7,250	20.6%	185,934	15.5%	6,051,082	15.3%
4.00 to 4.99	4,181	11.9%	136,900	11.4%	4,474,021	11.3%
5.00 and over	7,937	22.6%	256,971	21.4%	9,234,044	23.3%
35 to 44 years:	35,539		1,397,790		42,109,627	
Under 50	654	1.8%	70,572	5.0%	1,818,524	4.3%
.50 to .74	509	1.4%	41,850	3.0%	1,164,896	2.8%
.75 to .99	587	1.7%	47,991	3.4%	1,367,651	3.2%
1.00 to 1.24	1,246	3.5%	47,260	3.4%	1,489,557	3.5%
1.25 to 1.49	987	2.8%	49,979	3.6%	1,586,519	3.8%
1.50 to 1.74	1,264	3.6%	52,830	3.8%	1,640,584	3.9%
1.75 to 1.84	927	2.6%	23,060	1.6%	721,885	1.7%
1.85 to 1.99	901	2.5%	34,327	2.5%	1,060,398	2.5%
2.00 to 2.99	7,432	20.9%	246,129	17.6%	7,146,344	17.0%
3.00 to 3.99	7,658	21.5%	236,280	16.9%	6,567,309	15.6%
4.00 to 4.99	4,860	13.7%	178,803	12.8%	5,224,398	12.4%
5.00 and over	8,514	24.0%	368,709	26.4%	12,321,562	29.3%
45 to 54 years:	36,491		1,520,905		43,198,451	
Under 50	598	1.6%	65,997	4.3%	1,635,967	3.8%
.50 to .74	327	0.9%	40,898	2.7%	1,039,904	2.4%
.75 to .99	670	1.8%	41,571	2.7%	1,183,489	2.7%
1.00 to 1.24	960	2.6%	40,642	2.7%	1,231,432	2.9%
1.25 to 1.49	581	1.6%	42,706	2.8%	1,279,094	3.0%
1.50 to 1.74	955	2.6%	43,631	2.9%	1,295,680	3.0%
1.75 to 1.84	441	1.2%	18,153	1.2%	574,378	1.3%
1.85 to 1.99	712	2.0%	29,342	1.9%	865,796	2.0%
2.00 to 2.99	5,505	15.1%	215,562	14.2%	6,014,026	13.9%
3.00 to 3.99	6,023	16.5%	223,082	14.7%	6,019,874	13.9%
4.00 to 4.99	5,565	15.3%	199,911	13.1%	5,404,523	12.5%
5.00 and over	14,154	38.8%	559,410	36.8%	16,654,288	38.6%
55 to 64 years:	25,472		1,131,949		32,347,253	
Under 50	484	1.9%	42,000	3.7%	1,124,277	3.5%
.50 to .74	358	1.4%	29,390	2.6%	792,116	2.4%
.75 to .99	507	2.0%	31,768	2.8%	942,385	2.9%
1.00 to 1.24	476	1.9%	32,310	2.9%	978,597	3.0%
1.25 to 1.49	403	1.6%	32,242	2.8%	971,397	3.0%
1.50 to 1.74	522	2.0%	33,807	3.0%	991,192	3.1%
1.75 to 1.84	325	1.3%	14,228	1.3%	422,052	1.3%
1.85 to 1.99	595	2.3%	22,158	2.0%	631,244	2.0%
2.00 to 2.99	3,421	13.4%	172,539	15.2%	4,459,342	13.8%
3.00 to 3.99	4,357	17.1%	166,624	14.7%	4,322,457	13.4%
4.00 to 4.99	3,470	13.6%	139,506	12.3%	3,791,671	11.7%
5.00 and over	10,554		415,377	36.7%	12,920,523	39.9%
65 to 74 years:	14,567		661,879		19,337,896	
Under 50	122	0.8%	11,594	1.8%	406,341	2.1%
.50 to .74	59	0.4%	13,830	2.1%	432,280	2.2%
.75 to .99	264	1.8%	23,468	3.5%	821,158	4.2%
1.00 to 1.24	341	2.3%	25,592	3.9%	878,260	4.5%
1.25 to 1.49	595	4.1%	27,332	4.1%	920,656	4.8%
1.50 to 1.74	677	4.6%	31,124	4.7%	910,097	4.7%
1.75 to 1.84	448	3.1%	12,176	1.8%	364,789	1.9%
1.85 to 1.99	480	3.3%	20,928	3.2%	554,751	2.9%
2.00 to 2.99	3,307	22.7%	138,000	20.8%	3,509,659	18.1%

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3.00 to 3.99	2,628	18.0%	117,798	17.8%	2,927,438	15.1%			
4.00 to 4.99	1,705	11.7%	79,012	11.9%	2,140,646	11.1%			
5.00 and over	3,941	27.1%	161,025	24.3%	5,471,821	28.3%			
75 years and over:	13,026		583,703		17,077,534				
Under .50	277	2.1%	15,505	2.7%	493,851	2.9%			
.50 to .74	249	1.9%	14,559	2.5%	481,849	2.8%			
.75 to .99	518	4.0%	26,943	4.6%	939,020	5.5%			
1.00 to 1.24	720	5.5%	36,645	6.3%	1,183,389	6.9%			
1.25 to 1.49	1,062	8.2%	41,631	7.1%	1,244,173	7.3%			
1.50 to 1.74	1,402	10.8%	43,618	7.5%	1,156,000	6.8%			
1.75 to 1.84	518	4.0%	17,630	3.0%	434,917	2.5%			
1.85 to 1.99	627	4.8%	25,962	4.4%	649,099	3.8%			
2.00 to 2.99	3,194	24.5%	141,886	24.3%	3,493,618	20.5%			
3.00 to 3.99	1,739	13.4%	84,184	14.4%	2,297,862	13.5%			
4.00 to 4.99	889	6.8%	49,149	8.4%	1,479,859	8.7%			
5.00 and over	1,831	14.1%	85,991	14.7%	3,223,897	18.9%			
Percentage of People in Poverty	26,051	10%	1,565,559	16.1%	42,868,163	14.3%			
% Children (<age 18) living in poverty		9.0%		19.0%			2nd		County Health Rankings. Ottawa Co. and MI 2011: http://www.countyhealthrankings.org/michigan/ottawa . (Note: Data compiled from various sources and dates)
Poverty Status of Families by Family Type - % below poverty									
All Families		6.5%		11.6%		10.5%			
With Children <18yrs		10.6%		18.8%		16.6%			U.S. Census, 2009 American Community Survey
With Children <5yrs		11.9%		22.2%		17.9%			Data Profiles, Selected Economic Characteristics
Married Couple Families		3.8%		5.4%		5.1%			
With Children <18yrs		5.5%		8.3%		7.5%			http://factfinder.census.gov/servlet/DTTable?_bmi=y&state=dt&context=dt&ds_name=ACS_2009_1YR_G00_&mt_name=ACS_2009_1YR_G2000_B17010&tree_id=309&redoLog=true&caller=geoselect&geo_id=05000US26139&geo_id=N8SP&search_results=01000US&format=&_lang=en
With Children <5yrs		6.9%		8.3%		6.9%			
Single Female Households		28.7%		33.1%		29.4%			Search: results=01000US&format=&_lang=en
With Children <18yrs		39.2%		42.7%		38.2%			Note: Website changing Fall 2011
With Children <5yrs		58.7%		53.6%		45.6%			
% of Students Eligible for Free/Reduced Price Lunches	12,761	29.2%	731,823	46.1%					Fall 2010, Center for Educational Performance and Information (CEPI)
Education Level of Population age 25+							11th		U.S. Census Bureau, American Community Survey, 1-year estimates
Male:	78,778		3,185,680		95,194,537				Table B 15002 or use Data Profiles
No schooling completed	699	0.9%	26,138	0.8%	1,027,715	1.1%			http://factfinder.census.gov/servlet/DatasetMainPageServlet?_program=A&CS8_submenuId=datasets_28_&lang=en
Did not graduate High School	7,635	9.7%	400,302	12.6%	14,253,268	15.0%			Note: County Rank is for % with some college
High school graduate, GED, or alternative	24,197	30.7%	1,001,962	31.5%	27,786,755	29.2%			
Some college, no degree	17,270	21.9%	731,187	23.0%	18,825,157	19.8%			
Associate's degree	5,792	7.4%	220,897	6.9%	6,378,271	6.7%			
Bachelor's degree	15,438	19.6%	486,930	15.3%	16,713,560	17.6%			
Master's degree	5,353	6.8%	208,999	6.6%	6,436,062	6.8%			
Professional school degree	1,399	1.8%	69,479	2.2%	2,334,693	2.5%			
Doctorate degree	995	1.3%	39,786	1.2%	1,439,056	1.5%			
Female:	82,762		3,425,937		102,246,235				
No schooling completed	460	0.6%	26,330	0.8%	1,088,203	1.1%			
Did not graduate High School	5,935	7.2%	325,191	9.5%	12,167,815	11.9%			
High school graduate, GED, or alternative	27,141	32.8%	1,101,022	32.1%	30,074,943	29.4%			
Some college, no degree	18,082	21.8%	796,081	23.2%	21,280,126	20.8%			
Associate's degree	7,149	8.6%	306,063	8.9%	8,285,166	8.1%			
Bachelor's degree	16,095	19.4%	515,179	15.0%	17,671,157	17.3%			
Master's degree	5,685	6.9%	237,935	6.9%	7,464,172	7.3%			
Professional school degree	742	0.9%	40,168	1.2%	1,516,255	1.5%			
Doctorate degree	242	0.3%	19,607	0.6%	790,222	0.8%			
Freshman Graduation Rate		85%		77%			24th		County Health Rankings/Intermediate School District. Ottawa Co and MI 2011: http://www.countyhealthrankings.org/michigan/ottawa . (Note: Data compiled from various sources and dates)
Unemployment: % Population age 16+ unemployed & looking for work		8.1%		10.5%			20th		Bureau of Labor Statistics, Local Area Unemployment Statistics
HEALTH OUTCOMES									
Health Outcomes County Ranking							1st		County Health Rankings. Ottawa Co. 2011: http://www.countyhealthrankings.org/michigan/downloads-and-links . (Note: Data compiled from various sources and dates)
MORTALITY									
Mortality County Ranking							2nd		County Health Rankings. Ottawa Co. 2011: http://www.countyhealthrankings.org/michigan/downloads-and-links . (Note: Data compiled from various sources and dates)
Age-Adjusted mortality rate/100,000 pop.	605.4		784.6		758.7				Michigan Resident Death File, Vital Records & Health Statistics Section, Michigan Department of Community Health. Ottawa Co. 2009: http://www.mdch.state.mi.us/pha/osr/CHI/Deaths/frame.asp . MI 2009 and US 2008: http://www.mdch.state.mi.us/pha/osr/deaths/dxrates.asp .
Premature Mortality: Years of potential life lost/100,000 pop. (age-adjusted)	4,601		7,387		4,282		2nd		County Health Rankings. Ottawa Co. and MI 2011: http://www.countyhealthrankings.org/michigan/downloads-and-links . (Note: Data compiled from various sources and dates), US 2008 Source: CDC WISQARS data query system. http://www.cdc.gov/injury/wisqars/index.html
Life Expectancy									Source: Institute for Health Metrics and Evaluation at the University of Washington. Uses 2007 mortality data for Ottawa, 2009 MI, 2008 US
Men	78.8		75.4		75.9				#1 in Michigan, #37 in US
Women	82.4		80.4		80.8				#2 in Michigan, #107 in US
Child mortality (rate per population age 1-14/100,000)	13.5		17.9		19				Michigan Resident Death File, Vital Records & Health Statistics Section, Michigan Department of Community Health. Ottawa Co. and MI 2009: http://www.mdch.state.mi.us/pha/osr/chi/Deaths/frame.html . Kids Count Data. US 2007: http://datacenter.kidscount.org/data/acrossstates/Rankings.aspx?ind=22
10 Leading Causes of Death (age-adjusted rates/100,000)	Rank	Rate	Rank	Rate	Rank	Rate			Michigan Department of Community Health, Ottawa Co. and MI 2009:
Cancer	1	147.3	2	181.9	2	178.4			
Heart Disease	2	138.5	1	206.5	1	190.9			http://www.mdch.state.mi.us/pha/osr/chi/Deaths/frame.html
Stroke	3	31.6	4	39.9	3	42.2			U.S. Census Bureau. US 2007:
Alzheimer's Disease	4	31.5	7	22.9	6	22.7			
Chronic Lower Respiratory Diseases	5	29.4	3	45.1	4	40.7			http://www.census.gov/compendia/statab/2011/tables/11a0115.pdf
Unintentional Injuries	6	28.3	5	35.4	5	40			
Kidney Disease	7	13.7	8	15.5	9	14.5			
Pneumonia/Influenza	8	11.8	9	13.9	8	16.2			
Diabetes Mellitus	9	9.2	6	24.3	7	22.5			

Indicator Area/Title	Ottawa County	Michigan	US	County Rank (RWJF)	Healthy People 2020	Data Source and URL/Comments
Intentional Self-harm (Suicide)	10	10	11.3	10	11.3	
All other causes	156.1	187.9				
Fatal Motor-vehicle related mortality rate/100,000 pop.	12	13	12.25	10th	12.4 deaths (per 100,000 population)	County Health Rankings/NCHS. Ottawa Co. and MI 2011: http://www.countyhealthrankings.org/michigan/ottawa (Note: Data compiled from various sources and dates). US 2008: http://www.census.gov/compendia/statab/cats/transportation/motor_vehicle_accidents_and_fatalities.html
Overall cancer death rate/100,000	144.3	202.4	186.2		160.6 (per 100,000 population)	MDCH/ County Health Rankings. http://www.mdch.state.mi.us/pha/osr/chi/deaths/frame.asp?Topic=7&Mode=1
COPD (deaths/100,000)					98.5 (per 100,000)	
Suicide rate/100,000	7.3	11.7	11.8		10.2 suicides (per 100,000)	MDCH/ County Health Rankings. Ottawa Co and MI http://www.mdch.state.mi.us/pha/osr/chi/deaths/frame.asp?Topic=7&Mode=1
MORBIDITY						
Morbidity County Ranking				4th		County Health Rankings. Ottawa Co. 2011: http://www.countyhealthrankings.org/michigan/downloads-and-links . (Note: Data compiled from various sources and dates)
Preventable Hospitalizations as % of all hospitalizations	13.7%	20.5%				MDCH Resident Inpatient Files, Division of Vital Records. Ottawa Co. and MI 2009: http://www.mdch.state.mi.us/pha/osr/CHI/HOSP/FRAME.HTML
10 Leading causes of preventable hospitalizations (Rank and Percentage of all Preventable Hospitalizations)	Rank	Rank				MDCH Resident Inpatient Files, Division of Vital Records. Ottawa Co. and MI 2009: http://www.mdch.state.mi.us/pha/osr/CHI/HOSP/FRAME.HTML
Bacterial Pneumonia	1	2	11.7%			
Congestive Heart Failure	2	1	14.1%			
Kidney/Urinary Infections	3	4	6.5%			
Cellulitis	4	6	5.7%			
Chronic Obstructive Pulmonary	5	3	10.0%			
Diabetes	6	7	4.9%			
Asthma	7	5	6.2%			
Grand Mal & Other Epileptic Conditions	8	9	2.7%			
Dehydration	9	8	3.3%			
Gastroenteritis	10	10	1.4%			
All Other Ambulatory Care Sensitive Conditions		37.3%	33.6%			
Cancer Diagnosis Rates (compare to deaths) (Age adjusted)	418.2	489.1	465.1			MDCH Cancer Incidence Files. Ottawa Co. and MI 2007: http://www.mdch.state.mi.us/pha/osr/chi/cancer/frame.asp?Topic=2&Mode=1 US 2007: http://apps.nccd.cdc.gov/uscs/cancersbystateandregion.aspx CDC
All Cancers						
Prevalence of Disability	22.2%	24.5%	18.9%			2010 MI BRFS http://www.michigan.gov/mdch/0,4612,7-132-2945_5104_5279_39424_39426-134606--,00.html (MI 2010) 2011 Ottawa BRFS
HEALTH FACTORS						
Health Factors County Ranking			tttttttttttt tttttt3t	4th		County Health Rankings. Ottawa Co. 2011: http://www.countyhealthrankings.org/michigan/downloads-and-links . (Note: Data compiled from various sources and dates)
HEALTH RISK FACTORS AND BEHAVIORS						
Health Behaviors County Ranking				3rd		County Health Rankings. Ottawa Co. 2011: http://www.countyhealthrankings.org/michigan/downloads-and-links . (Note: Data compiled from various sources and dates)
% Adults reporting obesity (BMI > 30)	25.8%	31.0%	33.8%	3rd	30.6%	County Health Rankings. Ottawa Co. and MI 2011: http://www.countyhealthrankings.org/michigan/ottawa . (Note: Data compiled from various sources and dates)
% of Youth who are Obese (>95th percentile BMI for age and sex)						Ottawa: 2009 Youth Assessment Survey (8th, 10th, 12th) and 3rd Grade BMI Surveillance. US: (NHANES) National Health and Nutrition Examination Survey (for 6-11 yr. olds), 2007/2008; YRBS for 9th-12th grades
Children aged 6 to 11 years	9.3%		19.6%		15.7%	US: NHANES Ottawa: 3rd Grade BMI Survey
Children aged 12 to 19 years			16.7%		14.6%	US: NHANES
2009 YAS/YRBS Results:	192	3,282	11.9%	15,178	12.0%	MI and US: 2009 Youth Risk Behavior Survey (YRBS), Ottawa: YAS
Female	29	1,557	8.0%	7,606	8.3%	*Note: inclusion of 8th graders in Ottawa YAS may cause prevalence to differ significantly from YRBS population - use caution in comparisons.
Male	93	1,725	15.7%	7,572	15.3%	http://www.miottawa.org/HealthComm/Health/data.htm
Race: White	88	2,329	10.3%	6,549	10.3%	
Race/Ethnicity: Hispanic	20	210	10.9%	4,328	15.1%	
Race: Other	14	688		4,095		http://apps.nccd.cdc.gov/youthonline/App/Results.aspx?UID=MI
Grade: 8th	19	NA	NA	NA	NA	For other MI Counties: Michigan Profile for Healthy Youth (MIPhy)
Grade: 10th	52	1,008	13.4%	3,629	11.0%	
Grade: 12th	49	664	10.5%	3,905	13.5%	
% Adults reporting no leisure time physical activity	12.7%	23.6%	32.6%			State or local BRFS/County Health Rankings. Ottawa Co. and MI 2011: http://www.countyhealthrankings.org/michigan/ottawa . (Note: Data compiled from various sources and dates)
% Youth reporting inadequate physical activity (<60+ minutes, 5+ days per week)	49.2%	3,336	53.2%	16,109	63.0%	Ottawa: 2009 Youth Assessment Survey
Female	56.3%	1,608	59.9%	8,164	72.3%	http://www.miottawa.org/HealthComm/Health/data.htm 2009
Male	42.5%	1,715	46.3%	7,881	54.4%	MI and US: 2009 Youth Risk Behavior Survey
Race: White	47.8%	2,356	50.3%	6,818	60.1%	http://apps.nccd.cdc.gov/youthonline/App/Results.aspx?UID=MI
Race/Ethnicity: Hispanic	56.3%	223	59.5%	4,669	66.9%	For other MI Counties: Michigan Profile for Healthy Youth (MIPhy)
Race: Other	53.9%	693		4,333		
Grade: 8th	41.0%	NA	NA	NA	NA	
Grade: 10th	49.9%	1,014	51.6%	3,848	60.7%	
Grade: 12th	53.9%	672	57.0%	4,071	68.4%	
% Adults reporting less than 5 servings of fruits/vegetables per day (past week)	83.0%	77.4%	76.6%			State or local BRFS/County Health Rankings. Ottawa Co. and MI 2011: http://www.michigan.gov/mdch/0,4612,7-132-2945_5104_5279_39424_39426-134606--,00.html MI BRFS 2010: http://apps.nccd.cdc.gov/BRFSS/page.asp?yr=2010&state=All&cat=WHHW
% Youth reporting less than 5 servings of fruits/vegetables per day (past week)	66.0%	80.4%	77.7%			Ottawa YAS 2009: http://www.miottawa.org/HealthComm/Health/data.htm US & MI YRBS 2009: http://apps.nccd.cdc.gov/youthonline/App/Results.aspx?UID=MI .
% Zip Codes in county with healthy food outlet	85%	73%		19th		County Health Rankings/Zip Code Business Patterns. Ottawa Co. and MI 2011: http://www.countyhealthrankings.org/michigan/ottawa . (Note: Data compiled from various sources and dates)
Tobacco: % Adults reporting current smoking	17.2%	18.9%	17.9%	5th	12%	County Health Rankings/State or local BRFS. MI BRFS 2010: http://www.michigan.gov/documents/mdch/2010_MIBRFS_Standard_Table_s_FINAL_350512_7.pdf . US BRFS 2009: http://apps.nccd.cdc.gov/brfss
% of Youth who report current smoking (past 30 days)	16.9%	18.8%	19.5%		16%	YRBS or Michigan Profile for Healthy Youth (MIPhy) Ottawa YAS 2009: http://www.miottawa.org/HealthComm/Health/data.htm MI YRBS 2009: http://apps.nccd.cdc.gov/youthonline/App/Results.aspx?UID=MI .

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Indicator Area/Title	Ottawa County	Michigan	US	County Rank (RWJF)	Healthy People 2020	Data Source and URL/Comments
Alcohol Use: % Adults reporting binge drinking	17.0%	18.0%	15.8%	24th	24.3%	County Health Rankings/State or local BRFSS. MI 2010: BRFSS) http://apps.nccd.cdc.gov/youthonline/App/Results.aspx?LID=MI US 2009 BRFSS http://apps.nccd.cdc.gov/brfss
Alcohol Use: % Youth reporting binge drinking (5+ drinks in a row - past 30 days)	14.4%	23.2%	24.2%		8.5%	YRBS or Michigan Profile for Healthy Youth (MIPHY) Ottawa YAS 2009: http://www.miottawa.org/HealthComm/Health/data.htm MI YRBS 2009: http://apps.nccd.cdc.gov/youthonline/App/Results.aspx?LID=MI
% of traffic crashes involving alcohol	235	9,986				Michigan Office of Highway and Safety Planning. Ottawa Co. and MI 2010: http://www.michigan.gov/msp/0,1607,7-123-1645_3501_4626--,00.html
Alcohol related motor vehicle mortality	3	264	10,839		.38 deaths	Michigan Office of Highway and Safety Planning. Ottawa Co. and MI 2010: http://www.michigan.gov/msp/0,1607,7-123-1645_3501_4626--,00.html US 2009: http://cdc.gov/Motorvehiclesafety/Impaired_Driving/index.html
Alcohol related motor vehicle injuries	88	4,007				Michigan Office of Highway and Safety Planning. Ottawa Co. and MI 2010: http://www.michigan.gov/msp/0,1607,7-123-1645_3501_4626--,00.html
% of Youth who report current marijuana use (past 30 days)	13.5%	20.7%	20.8%		6%	YRBS or Michigan Profile for Healthy Youth (MIPHY) Ottawa Youth Assessment Survey 2009: http://www.miottawa.org/HealthComm/Health/data.htm MI YRBS 2009: http://apps.nccd.cdc.gov/youthonline/App/Results.aspx?LID=MI
% of Youth who report current inappropriate prescription drug use (past 30 days)	199	8.6%				YRBS. Ottawa Youth Assessment Survey 2009: http://www.miottawa.org/HealthComm/Health/data.htm 2009
% Youth ever had sexual intercourse	343	30.9%	45.6%		46%	YRBS or Michigan Profile for Healthy Youth (MIPHY) Ottawa Youth Assessment Survey 2009: http://www.miottawa.org/HealthComm/Health/data.htm MI YRBS 2009: http://apps.nccd.cdc.gov/youthonline/App/Results.aspx?LID=MI
% Youth had sexual intercourse past 3 months	267	23.6%	2970	34.1%	15,017	34.2%
Female	128	23.0%	1,452	35.6%	7,680	35.6%
Male	136	23.2%	1,511	32.6%	7,283	32.6%
Race: White	185	20.5%	2,168	30.9%	6,539	32.0%
Race/Ethnicity: Hispanic	38	39.2%	168	36.6%	4,441	34.6%
Race: Other	41	33.1%	581		3,773	
Grade: 8th	6	2.3%	NA	NA	NA	NA
Grade: 10th	93	22.2%	910	29.0%	3612	29.1%
Grade: 12th	165	37.7%	618	53.00%	3793	49.10%
Communicable Disease						
STD: Chlamydia - new cases/100,000 pop.	186		458.4		409.2	60th
Female	262					
Male	54					
STD: All Syphilis - new cases /100,000	2.3		6.5		14.7	
Female	0.8					1.4 cases/100,000
Male	1.9					6.8 cases/100,000
STD: Gonorrhea - new cases/100,000	30		126.2		99.1	
Male	22.4					257 cases/100,000
Female	7.6					198 cases/100,000
Tuberculosis - new cases/100,000	2.3		1.7		3.8	1 case/100,000
Hepatitis A, B, C combined	22.7		87.1		24.1	
Female	24.1					
Male	21.6					
Pertussis	15.9		15		5.2	
Female	20.4					
Male	11.6					
All Meningitis combined	14.4		16.9		na	
All Foodborne combined	47.8		37.2		na	
INFANT, CHILD, AND YOUTH HEALTH						
Infant Mortality Rate	4.9	7.5	6.3		6 deaths (per 1,000 live births)	MDCH Vital Records Division. Ottawa Co 2009: http://www.mdch.state.mi.us/pha/osr/InDxMain/Tab3.asp . MI and US 2009: http://www.mdch.state.mi.us/pha/osr/InDxMain/InfDx.asp (Michigan and US)
% Live births with low birth weight <2500g	6.7%	8.4%	8.2%	17th	7.80%	Kids Count Data Book/MDCH Vital Records Division, Resident Birth Files. Ottawa Co. and MI 2009: http://www.mdch.state.mi.us/pha/osr/nativity/tab1.10.asp US 2008: http://datacenter.kidscount.org/data/acrossstates
Teen pregnancy rate per 1,000	Rate	Rate	Rate			MDCH Vital Records Division, Resident Birth Files. MI 2009: http://www.mdch.state.mi.us/pha/osr/abortion/pregtab.asp
Females - age 15-17		26.2			36.2 (per 1,000)	
Females - age 18-19		87.3			105.9 (per 1,000)	
Females - age 15-19	27.0	51.5	39.1			MDCH Vital Records/CDC. Ottawa Co. and MI 2009: http://www.mdch.state.mi.us/pha/osr/chi/births/frame.html US 2008: http://www.cdc.gov/nchs/data/nvsr/nvsr59/nvsr59_01.pdf
Teen Births, Ages 15-19, % of all births	211	6.5%	10.0%		10.2%	MDCH Vital Records. Ottawa Co. and MI 2009: http://www.mdch.state.mi.us/pha/osr/chi/births/frame.html CDC MMRW April 8, 2011. US 2009: http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6013a5.htm?_cid=mm6013a5_w
Repeat Teen Births, count and % of all live births ages 15-19	46	18.6%	2,227	18.4%	83,087	19%
Proportion of women who begin prenatal care in first trimester	2,677	82.5%	86,250	73.5%		77.9%
Proportion of births to women who receive late or no prenatal care	73	2.2%	3798	3.2%	51,889	4%
% Children 19-35 months of age Fully Immunized (4:3:1:3:3:1:4)	78.6%	66.1%	69.90%		80%	Local and MI % from MICR. National data at CDC National Immunization Survey. http://www.cdc.gov/vaccines/stats-surv/nis/default.htm#chart (US 2009-2010)
HEALTH CARE						
Clinical Care County Ranking				27th		County Health Rankings. Ottawa Co. 2011: http://www.countyhealthrankings.org/michigan/downloads-and-links . (Note: Data compiled from various sources and dates)
Access to Health Care						
Health Professional Shortage Area Designations:						HRSA Designation Standards, Health Resources and Services Administration
Partial County Medically Underserved Area/Population (Census Tracts 223, 224, 225)						
Migrant Farmworker Health Professional Shortage Area						http://hhrp.hrsa.gov/shortage/

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Indicator Area/Title	Ottawa County		Michigan		US		County Rank (RWJF)	Healthy People 2020	Data Source and URL/Comments
Physicians (M.D.s and D.O.s), Primary Care Per 100,000 Population		51.5	9,962	114.4			41st	66.7/100,000 pop.	US Department of Health & Human Services, Community Health Status Indicators, 2009 - statistic from HRSA Area Resource File 2008. Michigan total # from MDCH, Survey of Physicians, 2008. http://www.communityhealth.hhs.gov/Demographics.aspx?GeogCD=26139&PeerStrat=12&state=Michigan&county=Ottawa . HRSA Area Resource File http://www.arf.hrsa.com . Physicians defined as general or family practice, internal medicine, pediatrics, obstetrics or gynecology.
Primary Care Providers: D.O., M.D., N.P., P.A. Total N and Rate/100,000 Population	236	89.5							Ottawa County Health Department, Emergency Preparedness, Primary Care Physicians and Mid-level Providers List, 2011.
Percent Uninsured		10.6%		17.9%			15%	0%	
Adults ages 18-64		12.6%		16.6%			18%		US, State and Local BRFS (2011 Ottawa BRFS, weighted %)
Children ≤ age 17		4.5%	140,700		8,284,500				Kaiser Family Foundation MI and US 2008-2009: http://www.statehealthfacts.org/chfs.jsp?rgn=24&rgn=1
Percent Medicaid									2010 Michigan Department of Human Services Annual Report and monthly Green Book of Statistics http://www.michigan.gov/dhs/0,1607,7-124-5458_7696_10830---,00.html#April2010 Note: adult eligibility differs from children
Overall	31,975	12.1%							
Adults	13,355	9.0%							
Children	18,619	25.1%							
Percentage of Adults who could not get health care in past 12 months due to cost among all adults		11.5%		14.1%					2010 MI BRFS http://www.michigan.gov/mdch/0,4612,7-132-2945_5104_5279_39424_39426-134606--00.html (MI 2010) 2011 Ottawa BRFS
HEALTH STATUS									
Adults ever told had diabetes	112	7.3%	8856	10.1%			8.7%		State or local BRFS MI BRFS 2010: http://www.michigan.gov/mdch/0,4612,7-132-2945_5104_5279_39424_39426-134606--00.html US BRFS 2009: http://apps.nccd.cdc.gov/brfss/ Note: U.S. data gives median percentage 2011 Ottawa BRFS
Female	53	5.7%		9.0%			8.5%		
Male	59	8.8%		11.4%			9.0%		
Race: White	102	7.1%		9.2%			8.0%		
Race: Black	1	3.4%		15.9%			13.7%		
Race: Other	0	0.0%		11.3%					
Hispanic or Latino	8	14.4%		9.2%			7.9%		
At or below Poverty	7	5.4%							
Highest education level: Highschool	38	7.5%		13.0%			10.1%		
NW	24	6.9%							
NE	2	5.5%							
Central	12	11.7%							
SW	55	6.6%							
SE	19	8.5%							
Adults ever told they have hypertension	449	31.4%	3865	29.8%			28.7%		State or local BRFS MI BRFS 2010: http://www.michigan.gov/mdch/0,4612,7-132-2945_5104_5279_39424_39426-134606--00.html US BRFS 2009: http://apps.nccd.cdc.gov/brfss/ Note: U.S. data gives median percentage 2011 Ottawa BRFS
Female	235	27.5%	2356	27.8%			27.8%		
Male	214	35.1%	1509	31.8%			29.8%		
Race: White	421	31.5%	2745	29.6%			29.2%		
Race: Black	4	31.8%	848	36.2%			38.3%		
Race: Other	4	11.6%	58	19.9%			22.0%		
Hispanic or Latino	17	38.8%	56	21.6%			18.4%		
At or below Poverty	27	30.0%							
Highest education level: Highschool	140	30.8%	1421	35.8%			33.8%		
NW	110	36.2%							
NE	12	34.2%							
Central	37	36.4%							
SW	215	28.7%							
SE	68	29.6%							
Adults ever told have high cholesterol	428	37.2%	3788	38.6%			37.5%		State or local BRFS MI BRFS 2010: http://www.michigan.gov/mdch/0,4612,7-132-2945_5104_5279_39424_39426-134606--00.html US BRFS 2009: http://apps.nccd.cdc.gov/brfss/ Note: U.S. data gives median percentage 2011 Ottawa BRFS
Female	228	32.2%	2312	36.5%			36.2%		
Male	200	41.8%	1476	41.1%			39.7%		
Race: White	403	37.0%	2917	40.3%			38.5%		
Race: Black	2	12.1%	619	32.4%			34.5%		
Race: Other	7	38.8%	NA	NA			33.5%		
Hispanic or Latino	13	45.7%	55	30.8%			41.3%		
At or below Poverty	26	44.8%							
Highest education level: Highschool	134	38.7%	1302	43.9%			40.8%		
NW	105	40.9%							
NE	15	43.6%							
Central	37	42.0%							
SW	192	33.1%							
SE	78	41.3%							
Adults ever told they had a heart attack	36	2.1%		4.9%			4.2%		State or local BRFS MI BRFS 2010: http://www.michigan.gov/mdch/0,4612,7-132-2945_5104_5279_39424_39426-134606--00.html US BRFS 2009: http://apps.nccd.cdc.gov/brfss/ Note: U.S. data gives median percentage 2011 Ottawa BRFS
Female	13	1.4%		3.6%			2.9%		
Male	23	2.7%		6.3%			5.5%		
Race: White	33	2.0%		4.8%			4.3%		
Race: Black	1	3.4%		5.5%			3.8%		
Race: Other	0	0.0%		6.0%			3.9%		
Hispanic or Latino	1	1.6%		1.8%			2.8%		
At or below Poverty	2	1.1%							
Highest education level: Highschool	18	3.6%		6.3%			5.3%		
NW	4	1.2%							
NE	2	4.7%							
Central	4	4.2%							
SW	20	2.0%							
SE	6	2.0%							
Adults ever told have heart disease	47	3.0%		5.3%			4.1%		State or local BRFS MI BRFS 2010: http://www.michigan.gov/mdch/0,4612,7-132-2945_5104_5279_39424_39426-134606--00.html US BRFS 2009: http://apps.nccd.cdc.gov/brfss/ Note: U.S. data gives median percentage 2011 Ottawa BRFS
Female	18	2.1%		4.4%			3.2%		
Male	29	3.8%		6.2%			5.2%		
Race: White	45	3.1%		5.3%			4.5%		
Race: Black	1	12.6%		4.0%			3.2%		
Race: Other	0	0.0%		6.7%			3.5%		
Hispanic or Latino	1	1.6%		6.4%			2.4%		
At or below Poverty	3	3.4%							
Highest education level: Highschool	20	4.5%		6.5%			5.0%		
NW	7	2.2%							
NE	3	9.4%							
Central	4	3.9%							
SW	23	2.8%							
SE	10	3.3%							
Adults ever told had COPD	64	4.5%							State or local BRFS

2011 Population Health Data Tool

Indicator Area/Title	Ottawa County	Michigan	US	County Rank (RWJF)	Healthy People 2020	Data Source and URL/Comments
Female	36	4.9%				MI BRFS 2010: http://www.michigan.gov/mdch/0,4612,7-132-2945_5104_5279_39424_39426-134606--00.html US BRFS 2009: http://apps.nccd.cdc.gov/brfss/ Note: U.S. data gives median percentage 2011 Ottawa BRFS
Male	28	4.1%				
Race: White	61	4.7%				
Race: Black	0	0.0%				
Race: Other	0	0.0%				
Hispanic or Latino	2	1.8%				
At or below Poverty	9	10.5%				
Highest education level: Highschool	28	6.3%				
NW	15	4.7%				
NE	2	3.5%				
Central	7	6.7%				
SW	25	2.8%				
SE	15	8.7%				
Adults ever told had a stroke	22	1.2%	2.9%	2.7%		
Female	9	0.9%	3.0%	2.9%		MI BRFS 2010: http://www.michigan.gov/mdch/0,4612,7-132-2945_5104_5279_39424_39426-134606--00.html US BRFS 2009: http://apps.nccd.cdc.gov/brfss/ Note: U.S. data gives median percentage 2011 Ottawa BRFS
Male	13	1.5%	2.8%	2.5%		
Race: White	20	1.1%	2.7%	2.7%		
Race: Black	0	0.0%	3.6%	3.7%		
Race: Other	1	3.8%	4.1%	2.3%		
Hispanic or Latino	1	1.8%	1.7%	1.6%		
At or below Poverty	0	0.0%				
Highest education level: Highschool	9	2.0%	3.3%	3.2%		
NW	6	1.2%				
NE	0	0.0%				
Central	4	3.9%				
SW	10	1.1%				
SE	2	0.6%				
Adults ever told had arthritis	354	23.2%	31.9%	26.0%		
Female	219	25.1%	36.3%	29.8%		MI BRFS 2010: http://www.michigan.gov/mdch/0,4612,7-132-2945_5104_5279_39424_39426-134606--00.html US BRFS 2009: http://apps.nccd.cdc.gov/brfss/ Note: U.S. data gives median percentage 2011 Ottawa BRFS
Male	135	21.4%	27.2%	22.6%		
Race: White	333	23.4%	33.6%	27.8%		
Race: Black	2	14.4%	28.6%	25.0%		
Race: Other	3	9.6%	24.6%			
Hispanic or Latino	12	23.1%	16.5%	14.1%		
At or below Poverty	28	28.1%				
Highest education level: Highschool	103	21.3%	35.8%	29.4%		
NW	93	30.2%				
NE	14	36.8%				
Central	31	28.6%				
SW	162	20.4%				
SE	52	18.5%				
Adults ever told had asthma	170	13.5%	15.8%	13.8%		
Female	125	17.0%	17.8%	15.6%		MI BRFS 2010: http://www.michigan.gov/mdch/0,4612,7-132-2945_5104_5279_39424_39426-134606--00.html US BRFS 2010: http://apps.nccd.cdc.gov/BRFSS/ (Note: U.S. data gives median percentage) 2011 Ottawa BRFS
Male	45	10.1%	13.6%	11.9%		
Race: White	160	13.8%	14.9%	13.4%		
Race: Black	0	0.0%	19.8%	15.4%		
Race: Other	4	17.6%	18.5%	11.5%		
Hispanic or Latino	4	4.2%	15.5%	11.0%		
At or below Poverty	21	22.8%				
Highest education level: Highschool	47	11.3%	15.4%	13.3%		
NW	40	13.9%				
NE	1	4.7%				
Central	14	13.7%				
SW	88	13.5%				
SE	26	13.8%				
Adults ever told had cancer	195	15.3%	9.9%	NA		
Female	123	13.4%	11.0%			MI BRFS 2009: http://www.michigan.gov/brfs 2011 Ottawa BRFS
Male	72	9.4%	8.7%			
Race: White	191	11.8%	10.6%			
Race: Black	0	0.0%	6.4%			
Race: Other	4	11.7%	9.5%			
Hispanic or Latino	1	2.4%	6.6%			
At or below Poverty	7	3.7%				
Highest education level: Highschool	50	9.5%	9.9%			
NW	59	16.7%				
NE	8	17.9%				
Central	14	12.9%				
SW	85	8.8%				
SE	29	11.0%				
% Adults reporting fair or poor health		9.9%	14.2%	14.7%	4th	
Avg. physically unhealthy days/month	2.9		3.5		6th	County Health Rankings compiled from national Behavior Risk Factor Surveillance System (BRFSS) Ottawa Co. and MI (2010): http://www.countyhealthrankings.org/michigan/ottawa (Note: Data compiled from various sources and dates)
Percentage of Adults age 50+ who have had colonoscopy or sigmoidoscopy in past 5 years (Optional Module in BRFS)		62.6%	57.4%	65.2% (ever in life)		State or local BRFS Ottawa BRFS 2011, MI BRFS 2010: http://www.michigan.gov/mdch/0,4612,7-132-2945_5104_5279_39424_39426-134606--00.html US BRFS 2010: http://apps.nccd.cdc.gov/BRFSS/page.asp?yr=2010&state=MI&cat=WH#WH
Percentage of Women age 40+ with mammogram in past year		70.1%	57.4%	75.6% (past 2 years)	46th	County Health Ranking from 2011 Countyhealthrankings.org. Data from Ottawa BRFS 2011, MI BRFS 2010: http://www.michigan.gov/mdch/0,4612,7-132-2945_5104_5279_39424_39426-134606--00.html US BRFS 2010: http://apps.nccd.cdc.gov/BRFSS/page.asp?yr=2010&state=MI&cat=WH#WH
Percentage of Adults who have ever had cholesterol checked		82.0%	83.1%	80.8%		State or local BRFS. Ottawa County BRFS 2011; MI BRFS 2010: http://www.michigan.gov/mdch/0,4612,7-132-2945_5104_5279_39424_39426-134606--00.html US BRFS 2009: http://apps.nccd.cdc.gov/BRFSS/page.asp?cat=IM&yr=2010&state=MI#IM

Indicator Area/Title	Ottawa County	Michigan	US	County Rank (RWJF)	Healthy People 2020	Data Source and URL/Comments
% of Adults who report ever test for HIV	28.40%	38.0%	44.6%			Ottawa County (local health department 2008-2010 Estimates http://www.michigan.gov/mdch/0,4612,7-132-2945_5104_5279_39424_39427-134707--,00.html) and State statistics from MI BRFS 2010: http://www.michigan.gov/mdch/0,4612,7-132-2945_5104_5279_39424_39426-134606--,00.html US 2008 MMWR 59(47) 1550-1555. US BRFS 2009: http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5947a3.htm?s_cid=mm5947a3_wfTab1
Adult Vaccine Use: % adults 65+ received Flu vaccine (past year)	67.9%	67.5%	67.5%		90%	State or local BRFS. Ottawa County BRFS 2011; MI BRFS 2010: http://www.michigan.gov/mdch/0,4612,7-132-2945_5104_5279_39424_39426-134606--,00.html US BRFS 2010: http://apps.nccd.cdc.gov/BRFS/page.asp?cat=IM&yr=2010&state=All#IM
Adult Vaccine Use: % adults 65+ received Pneumonia vaccine in lifetime	70.9%	67.8%	68.8%		90%	State or local BRFS. Ottawa County BRFS 2011; MI BRFS 2010: http://www.michigan.gov/mdch/0,4612,7-132-2945_5104_5279_39424_39426-134606--,00.html US BRFS 2010: http://apps.nccd.cdc.gov/BRFS/page.asp?cat=IM&yr=2010&state=All#IM
MENTAL HEALTH						
Avg. mentally unhealthy days/month	3.1	3.7	NA	3rd		State or local BRFS. Ottawa County BRFS 2011; MI BRFS 2010: http://www.michigan.gov/mdch/0,4612,7-132-2945_5104_5279_39424_39426-134606--,00.html US BRFS 2010: http://apps.nccd.cdc.gov/BRFS/page.asp?cat=IM&yr=2010&state=All#IM
Family & Social Support: % Adults reporting not getting social/emotional support	4.4%	6.5%	NA	8th		State or local BRFS. Ottawa County BRFS 2011; MI BRFS 2010: http://www.michigan.gov/mdch/0,4612,7-132-2945_5104_5279_39424_39426-134606--,00.html US BRFS 2010: http://apps.nccd.cdc.gov/BRFS/page.asp?cat=IM&yr=2010&state=All#IM
% Adults ever had a depressive disorder	18.8%	NA	NA			State or local BRFS. Ottawa County BRFS 2011; <i>Data from Michigan and the US may not be comparable.</i>
% Youth reporting depression (past year)	20.1%	27.4%	26.1%			Ottawa Co. Youth Assessment Survey 2009: http://www.miottawa.org/HealthComm/Health/data.htm . MI and US YRBS 2009: http://apps.nccd.cdc.gov/youthonline/App/Results.aspx?UID=MI .
% Youth seriously considered suicide (past year)	NA	16.0%	13.8%			Ottawa Co. Youth Assessment Survey 2009: http://www.miottawa.org/HealthComm/Health/data.htm . MI and US YRBS 2009: http://apps.nccd.cdc.gov/youthonline/App/Results.aspx?UID=MI .
% Youth reporting suicide attempt (past year)	5.8%	9.3%	6.3%		1.7 attempts (per 100)	Ottawa Co. Youth Assessment Survey 2009: http://www.miottawa.org/HealthComm/Health/data.htm . MI and US YRBS 2009: http://apps.nccd.cdc.gov/youthonline/App/Results.aspx?UID=MI .
ORAL HEALTH						
Dentists per 100,000 population	47.2					US Department of Health & Human Services, Community Health Status Indicators
Percentage of Adults with no Dental Visit in Past Year		27.5%	29.9%			State or local BRFS. Ottawa County BRFS 2011; MI BRFS 2010: http://www.michigan.gov/mdch/0,4612,7-132-2945_5104_5279_39424_39426-134606--,00.html US BRFS 2010: http://apps.nccd.cdc.gov/brfs/page.asp?yr=2010&state=All&cat=OH#OH
Percentage of Adults who lost 6+ teeth		13.8%	NA			State or local BRFS, not always asked every survey year MI 2010 BRFS MI BRFS 2010: http://www.michigan.gov/brfs
PHYSICAL ENVIRONMENT						
Physical Environment County Ranking				69th		County Health Rankings. Ottawa Co. 2011: http://www.countyhealthrankings.org/michigan/downloads-and-links . (Note: Data compiled from various sources and dates)
Air Quality: # Days air quality was unhealthy due to fine particulate matter	4	5	NA	59th		County Health Rankings/EPA/CDC. Ottawa Co. and MI 2011: http://www.countyhealthrankings.org/michigan/ottawa (Note: Data compiled from various sources and dates)
# Days that air quality was unhealthy due to ozone	8	3	NA	80th		County Health Rankings/EPA/CDC. Ottawa Co. and MI 2011: http://www.countyhealthrankings.org/michigan/ottawa (Note: Data compiled from various sources and dates)
Children ages 1-2 with elevated blood lead level	1	751	NA			MDCH Childhood Lead Poisoning Prevention Program Data Report. Ottawa Co. and MI 2010: http://www.michigan.gov/mdch/0,4612,7-132-2942_4911_4913--,00.html
SOCIAL ENVIRONMENT						
Access to recreational facilities /100,000 population	11	10	NA	27th		County Health Rankings/U.S. Census County Business Patterns. Ottawa Co. and MI 2011: http://www.countyhealthrankings.org/michigan/ottawa . (Note: Data compiled from various sources and dates)
Liquor stores/10,000 pop.	7	14	NA			County Business Patterns/County Health Rankings. Ottawa Co. and MI 2011: http://www.countyhealthrankings.org/michigan/ottawa/other_measures (Note: Data compiled from various sources and dates)
Violent Crime Rate/100,000 population	185	536	429.4	28th		County Health Rankings/EPA/CDC. Ottawa Co. and MI 2011: http://www.countyhealthrankings.org/michigan/ottawa . (Note: Data compiled from various sources and dates) US FBI Website 2009: http://www2.fbi.gov/ucr/cius2009/offenses/violent_crime/index.html
Domestic violence (rate total pop)	2,735 (number)	101,171 (number)	NA			Michigan State Police. Ottawa Co. and MI 2010: http://www.michigan.gov/msp/0,4643,7-123-1645_3501_4621-259467--,00.html
Confirmed Child Victims of Abuse/Neglect Rate/1,000 children <18	3.6	12.9	9.0			Kids Count Data Book. Ottawa Co., MI, and US 2009: http://datacenter.kidscount.org/
Homicide rate/100,000	2 homicides (too low to calculate rate)	6.6	5.4			County Health Rankings/MDCH, Division of Vital Records. Ottawa and MI 2008: data http://www.michigan.gov/mdch/0,4612,7-132-2944_4669_43670--,00.html United States Census Bureau 2008: http://www.census.gov/compendia/statab/cats/law_enforcement_courts_prisons/crimes_and_crime_rates.html
% of youth in a physical fight (past 12 months)	26.9%	31.6%	31.5%			YRBS or Michigan Profile for Healthy Youth (MIPhy) Ottawa Youth Assessment Survey 2009: http://www.miottawa.org/HealthComm/Health/data.htm MI and US YRBS 2009: http://apps.nccd.cdc.gov/youthonline/App/Results.aspx?UID=MI .
Cell phone prevalence						2011 Ottawa County Behavioral Risk Factor Survey (BRFS), weighted %
Household has both cell and landline	65.4%					
Cell phone only household	23.9%					
Landline only household	10.7%					
Prevalence of Food Insecurity, % of population	14.1%	18.20%	16.60%			Feeding America, Map the Meal Gap www.feedingamerica.org/mapthegap

Indicator Area/Title	Ottawa County		Michigan	US	County Rank (RWJF)	Healthy People 2020	Data Source and URL/Comments
Food Pantries/10,000 pop.		0.04					Ottawa County based on Low-Cost Food Resources, miottawa.org/health (14 food pantries/263801 total pop)*10,000
HOSPITAL DATA	N	%					Holland Hospital, North Ottawa Community Hospital, Spectrum Health-Zeeland Community Hospital
Hospital Admissions	17,682						of all ED Visits
ED Visits	100,652						of all ED Visits
Admissions from ED to Hospital	6,781	6.7%					38.3% of all Hospital admissions
Left ED without being seen (total)	342	0.3%					2011 Ottawa BRFS: 14.8%
No declared PCP							
ED visits without a PCP (total)	8,931	8.9%					
ED visits without a PCP (unique patients)							
Payor - Inpatient							Below % from 2011 Ottawa BRFS
Medicaid-including HMO	3,880	22%					3.6%
Medicare-including HMO	5,734	32%					17%
Commercial, HMO and Other	7,714	44%					65.4%
Uninsured	353	2%					11.1%
Payor - ED Visits							Below % from 2011 Ottawa BRFS
Medicaid-including HMO	23,599	23%					3.6%
Medicare-including HMO	18,608	18%					17%
Commercial, HMO and Other	47,381	47%					65.4%
Uninsured	11,064	11%					
DIAGNOSES - Inpatient							ALL Adults: 11.1% 18-64: 13.1%
Live Birth							Only received data from 2 of 3 hospitals so not reporting
Stroke							
Arthritis							
Acute Kidney Failure							
Acute Respiratory Failure							
Diverticulitis							
Pneumonia							
Septicemia							
Acute Pancreatitis							
Recurrent Severe Depression							
Lumbar Disc Injury							
DIAGNOSES - ED							Only received data from 2 of 3 hospitals so not reporting
Pain, Other							
Migraine/Headache							
Abdominal Pain							
Ear Infection							
Urinary Tract Infection							
Chest Pain							
Cut on Hand							
Upper Respiratory Infection/Bronchitis							
Throat Infection							
Sinus Infection							
Gastroenteritis							
LEADING HOSPITAL DISCHARGES	N	Rate	Rank				Rate per 100,000. Source: MDCH Community Profile, 2009, http://www.mdch.state.mi.us/pha/osr/CHI/profiles/frame.html
Heart Diseases	1932	73.8	3				
Newborns & Neonates	3270	124.8	1				
Females with Deliveries	3180	121.4	2				
Injury and Poisoning	1752	66.9	4				
Infectious & Parasitic Diseases	799	30.5	6				
Psychoses	629	24	8				
Cancer	735	28.1	7				
Arthritis and Related Disorders	845	32.3	5				
Pneumonia	618	23.6	9				
Cerebrovascular Diseases	564	21.5	10				
FEDERALLY QUALIFIED HEALTH CENTER (FQHC) UTILIZATION							2010, Ottawa County Federally Qualified Health Center (FQHC)
ALL	12,489						
Males							
0-5	1,128						
6-10	482						
11-17	598						
18-24	426						
25-34	775						
35-44	712						
45-54	613						
55-64	358						
65+	148						
Total	5,240						
Females							
0-5	1,050						
6-10	478						
11-17	610						
18-24	1,057						
25-34	1,507						
35-44	1,136						
45-54	777						
55-64	428						
65+	206						
Total	7,249						
Race							
Asian	222						
Native Hawaiian/Pacific Islander	33						
Black/African American	398						
American Indian/Alaska Native	25						
White	2,183						
More than one race	110						
Unreported/Refused to Report	4,639						
Total	7,610						
Hispanic	4,057						
Total Medical Care Encounters	18,059						
Total Medical Care Unique Users	7,386						
Total Dental Care Encounters	8,101						
Total Dental Care Unique Users	3,919						
Client Poverty Levels							
100% and below	6,513						

Indicator Area/Title	Ottawa County	Michigan	US	County Rank (RWJF)	Healthy People 2020	Data Source and URL/Comments
101 - 150%	1,432					
151 - 200%	436					
Over 200%	162					
Unknown	3,946					
Insurance						
Uninsured	4,799					
Regular Medicaid	5,515					
Medicare	626					
Private Insurance	1,525					
MIGRANT						2010, Ottawa County Federally Qualified Health Center (FQHC)
All	1,728					
Males						
0-5	166					
6-10	50					
11-17	55					
18-24	57					
25-34	98					
35-44	92					
45-54	76					
55-64	38					
65+	11					
Total	643					
Females						
0-5	137					
6-10	68					
11-17	89					
18-24	150					
25-34	198					
35-44	125					
45-54	63					
55-64	39					
65+	16					
Total	885					
Race						
Asian	4					
Native Hawaiian/Pacific Islander	2					
Black/African American	5					
American Indian/Alaska Native	4					
White	49					
More than one race	1					
Unreported/Refused to Report	1,463					
Total	1,528					
Hispanic	1,108					
Total Medical Care Encounters	2,232					
Total Medical Care Unique Users	1,006					
Total Dental Care Encounters	680					
Total Dental Care Unique Users	350					
Poverty Levels						
100% and below	1066					
101 - 150%	111					
151 - 200%	14					
Over 200%	9					
Unknown	328					
Insurance						
Uninsured	836					
Regular Medicaid	576					
Medicare	16					
Private Insurance	99					
FREE MEDICAL CLINIC UTILIZATION						City on a Hill Free Clinic, Zeeland; Love INC Free Clinic, Grand Haven
Utilization patterns:						
Males	385	35%				
Females	721	65%				
Race/Ethnic Origin						
White	824	75%				
African American	21	2%				
Asian	38	3%				
Hispanic	193	18%				
Native American	9	1%				
Other	9	1%				
Employment Status						
Full-time	147	14%				
Part-time	261	24%				
Not in Labor Force	54	5%				
Unemployed	530	49%				
Retired	24	2%				
Seasonal	68	6%				
Top 5 or 10 Diagnoses	na					
Total # visits	1733					
Total # unique individuals served	1173	68%				
Where the patient would have gone if there was not a free clinic						
Emergency Room	335	20%				
Private Doctor	96	6%				
No Medical Care	1,005	61%				
Other	113	7%				
No Response	95	6%				
Services offered	na					
Volunteer hours	na					
# volunteer providers	na					
UNIQUE/RELEVANT LOCAL DATA SOURCES						Will vary community to community.
						2010 Ottawa County Small Business Health Coverage Landscape, Frost Research Center
						2001 BRFS - Hispanic Migrant Farm Worker Health Survey
						Youth Suicide Prevention Surveillance Database