

2022-2024 THUMB COMMUNITY HEALTH IMPROVEMENT PLAN (CHIP)

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MICHIGAN THUMB
Public Health Alliance



Thumb Community Health Improvement Plan- Progress Report

The challenges of public health, locally and across the nation, reflect a number of shifting circumstances. In order to more effectively address these complex challenges, the health departments in Huron, Lapeer, Sanilac, and Tuscola Counties formed the Michigan Thumb Public Health Alliance. Understanding community health indicators is critical to each of the local counties and for the collective work of the Alliance. After an extensive process involving compiling and analyzing data, prioritization, obtaining community input, and developing goals and objectives, two documents were created: **2018 Community Health Assessment Report** and a **Community Health Improvement Plan**.



Both documents are available at www.mithumbpha.org/documents. This progress report looks at the data indicators for six regional priorities identified in 2018. The progress report along with emerging public health data serves to inform the Michigan Thumb Public Health Alliance in updating their goals and objectives.

Priorities, Goals, and Objectives

The 2019-2021 Community Health Improvement plan covered five stages of life: 1) Infants and Young Children (age 0-8); 2) Adolescents and Young Adults (age 9-18); 3) Young Adults (age 19-40); 4) Adults (age 41-64); and Older Adults (Age 65+). Following a county prioritization process, county priorities were compared across the region. Health issues where all four counties identified a priority were selected as regional priorities. Additional goals and objectives for each county are outlined on the following pages. This section provides data and an analysis for the change in data from the indicators used in the 2019 report and the data available as of August 2021.

REGIONAL PRIORITIES



Goal 1: Improve Perinatal Health

Objective 1:1- Reduce smoking during pregnancy

	Percent of Live Births to Women Who Smoked During Pregnancy (3 year average)					Trend		State Comparison	
	2013-2015	2014-2016	2015-2017	2016-2018	2017-2019	Better	Worse	Better	Worse
Michigan	18.3	17.1	16.2	15.2	13.6	✓		NA	NA
Huron	21.3	20.6	20.4	18.3	18.8		✓		✓
Lapeer	22.1	19.9	20.5	19.6	17.2	✓			✓
Sanilac	24.1	22.9	23.2	22.6	21.7	✓			✓
Tuscola	25.5	24.3	22.6	22.2	24.6		✓		✓

Data Source: Michigan Dept. of Health and Human Services; <https://vitalstats.michigan.gov/osr/chi/IndexVer2.asp>

Objective 1:2- Increase planned and initiated breastfeeding

	% of Mothers Planning to Breastfeeding					Trend		State Comparison	
	2015	2016	2017	2018	2019	Better	Worse	Better	Worse
Michigan	36.8	35.7	36.0	35.0	34.2		✓	NA	NA
Huron	25.3	28.1	25.5	33.2	32.1	✓			✓
Lapeer	28.3	21.8	24.9	20.8	24.1	No clear trend			✓
Sanilac	35.7	37.2	39.4	39.0	36.5	✓		✓	
Tuscola	27.5	20.3	24.3	14.8	10.6		✓		✓

	% of Mothers Initiating Breastfeeding					Trend		State Comparison	
	2015	2016	2017	2018	2019	Better	Worse	Better	Worse
Michigan	44.0	46.3	46.9	48.4	49.4	✓		NA	NA
Huron	48.1	52.5	55.7	47.9	51.3	✓		✓	
Lapeer	52.3	57.8	57.1	62.0	61.5	✓		✓	
Sanilac	43.6	39.0	37.8	38.0	43.5	✓			✓
Tuscola	53.9	60.6	55.3	66.8	72.7	✓		✓	

Data Source: Michigan Department of Health and Human Services; <https://vitalstats.michigan.gov/osr/chi/IndexVer2.asp>



Goal 2: Reduce Adolescent Health Risks

Huron - Lapeer - Sanilac - Tuscola

Objective 2:1- Decrease the use of tobacco and nicotine delivery devices by adolescents

% of students grade 9 and 11 smoking cigarettes-Past 30 days				Trend		Peer Comparison	
	2016	2018		Better	Worse	Better	Worse
Huron	13	11		✓			✓
Lapeer	NA	NA			NA		NA
Sanilac	NA	12					✓
Tuscola	15	8		✓		✓	
% of students grade 9 and 11 smoking vaping-Past 30 days				Trend		Peer Comparison	
	2016	2018		Better	Worse	Better	Worse
Huron	18	31			✓	✓	
Lapeer	NA	NA			NA		
Sanilac	NA	36			NA		✓
Tuscola	18	32			✓	✓	

Data Source: Michigan Profile for Healthy Youth; <https://mdoe.state.mi.us/schoolhealthsurveys/ExternalReports/CountyReportGeneration.aspx>

Due to COVID 19 and school closures some schools administered the survey in 2020 and some in 2021. Not enough schools to combine results. NA-survey not completed.



Goal 3: Reduce Chronic Disease Deaths

Huron - Lapeer - Sanilac - Tuscola

Objective 3:1- Decrease deaths from cardiovascular disease

Heart Disease- Age Adjusted Mortality Rate/100,000						Trend		State Comparison	
	2005-2007	2008-2010	2011-2013	2014-2016	2017-2019	Better	Worse	Better	Worse
Michigan	231	210	200	199	195	✓		NA	NA
Huron	204	199	180	229	217	No clear trend			✓
Lapeer	239	240	207	238	207	✓			✓
Sanilac	225	236	218	245	230	✓			✓
Tuscola	258	225	189	212	206	✓			✓
Thumb Region	231	225	199	231	215	✓			✓
Stroke- Age Adjusted Mortality Rate/100,000						Trend		State Comparison	
	2005-2007	2008-2010	2011-2013	2014-2016	2017-2019	Better	Worse	Better	Worse
Michigan	46	40	37	38	39	✓		NA	NA
Huron	48	39	34	33	31	✓		✓	
Lapeer	52	53	42	42	47	No clear trend			✓
Sanilac	49	40	30	26	28	✓		✓	
Tuscola	39	44	28	41	34	No clear trend		✓	
Thumb Region	47	44	33	35	35	✓		✓	

Data Source: Michigan Department of Health and Human Services; <https://vitalstats.michigan.gov/osr/chi/IndexVer2.asp>

Huron - Lapeer - Sanilac - Tuscola

Objective 3:2- Decrease use of tobacco and nicotine delivery devices by adults

Percent of Adults engaged in Smoking						Trend		State Comparison	
	2013-2015	2014-2016	2015-2017	2016-2018	2017-2019	Better	Worse	Better	Worse
Michigan	21.1%	20.8%	20.2%	19.6%	19.0%	✓		NA	NA
Huron	19.4%	17.0%	19.0%	14.4%	15.0%	✓		✓	
Lapeer	25.5%	21.0%	18.0%	19.8%	20.7%	No clear trend			✓
Sanilac	24.1%	26.5%	24.2%	22.8%	18.6%	✓		✓	
Tuscola	29.7%	26.7%	22.1%	16.0%	16.8%	✓		✓	

Data Source: Behavioral Risk Factor Surveillance System; www.countyhealthrankings.org

Huron - Lapeer - Sanilac - Tuscola

Objective 3:3- Decrease obesity

% of People Obese						Trend		State Comparison	
	2013-2015	2014-2016	2015-2017	2016-2018	2017-2019	Better	Worse	Better	Worse
Michigan	31.1	31.4	32.0	32.6	33.8		✓	NA	NA
Huron	24.0	32.1	34.4	39.6	40.3		✓		✓
Lapeer	32.5	31.8	35.0	32.1	39.4		✓		✓
Sanilac	31.6	35.0	39.2	35.3	39.4		✓		✓
Tuscola	32.8	37.0	31.1	33.2	38.2		✓		✓

% of People Obese or Overweight						Trend		State Comparison	
	2013-2015	2014-2016	2015-2017	2016-2018	2017-2019	Better	Worse	Better	Worse
Michigan	66.6	67.1	67.7	68.2	69.2		✓	NA	NA
Huron	63.6	72.3	68.6	77.1	78.3		✓		✓
Lapeer	67.7	66.1	64.5	67.0	70.9		✓		✓
Sanilac	69.7	72.4	72.6	72.2	75.0		✓		✓
Tuscola	76.7	77.7	75.6	74.5	76.0		✓		✓

Data Source: Michigan Department of Health and Human Services; http://www.michigan.gov/mdhhs/0,5885,7-339-71550_5104_5279_39424-134707--,00.html

% of students grade 9 and 11 Obese or Overweight				Trend		Peer Comparison	
	2016	2018	2020	Better	Worse	Better	Worse
Huron	37	37		--	--	✓	
Lapeer	NA	NA	NA		NA		
Sanilac	NA	39.7			NA		✓
Tuscola	37	40.5			✓		✓

Data Source: Michigan Profile for Healthy Youth; <https://mdoe.state.mi.us/schoolhealthsurveys/ExternalReports/CountyReportGeneration.aspx>



Goal 4: Reduce Infectious Disease

Huron - Lapeer - Sanilac - Tuscola

Objective 4:1- Increase adult immunization

% Had the Flu Vaccine in Past Year age >65					Trend		State Comparison	
	2015-2017	2016 & 2018	2017-2019	2016-2020 Average	Better	Worse	Better	Worse
Michigan	58.0	56.0	57.6	60.3	--	--	NA	NA
Huron	40.1	56.1	63.3	63.5	✓		✓	
Lapeer	48.6	47.4	49.2	51.5	✓			✓
Sanilac	*	*	*	63.8	NA	NA	✓	
Tuscola	61.7	57.4	54.9	56.9	No clear trend			✓

% Ever Had Pneumonia Vaccine age >65					Trend		State Comparison	
	2015-2017	2016 & 2018	2017-2019	2016-2020 Average	Better	Worse	Better	Worse
Michigan	73.5	73.9	74.1	73.2	✓		NA	NA
Huron	63.0	57.2	71.1	63.4	✓			✓
Lapeer	58.9	53.4	58.6	55.2	No clear trend			✓
Sanilac	*	*	*	78.9	NA	NA	✓	
Tuscola	63.0	63.5	66.7	65.9	✓			✓

* Indicates not enough responses to calculate rate.

Data Source: Michigan Department of Health and Human Services; http://www.michigan.gov/mdhhs/0,5885,7-339-71550_5104_5279_39424-134707--,00.html



Goal 5: Reduce the Impact of Substance Use Disorders

Huron - Lapeer - Sanilac - Tuscola

Objective 5:1- Reduce substance use disorders

% of Adults Engaged in Excessive Drinking						Trend		State Comparison	
	2014	2015	2016	2017	2018	Better	Worse	Better	Worse
Michigan	20%	20%	21%	20%	21%		✓	NA	NA
Huron	19%	19%	19%	19%	22%		✓		✓
Lapeer	21%	21%	22%	20%	23%		✓		✓
Sanilac	20%	20%	21%	18%	21%		✓	--	--
Tuscola	21%	21%	22%	19%	22%		✓		✓

Data Source: Behavioral Risk Factor Surveillance System; www.countyhealthrankings.org

Drug Overdose Death rates/100,000						Trend		State Comparison	
	2013-2015	2014-2016	2015-2017	2016-2018	2017-2019	Better	Worse	Better	Worse
Michigan	18	20	24	26	26		✓	NA	NA
Huron	13	16	24	24	21	No clear trend		✓	
Lapeer	11	11	16	19	20		✓	✓	
Sanilac	12	13	17	19	16	No clear trend		✓	
Tuscola	12	11	13	15	17		✓	✓	
Thumb Region	12	13	18	19	19		✓	✓	

Data Source: Michigan Department of Health and Human Services; <http://www.mdch.state.mi.us/pha/osr/chi/IndexVer2.asp>



Goal 6: Reduce Injuries among Adults

Huron - Lapeer - Sanilac - Tuscola

Objective 6:1-Reduce alcohol impaired accidents

% of Motor Vehicle Accidents where Alcohol was involved.						Trend		State Comparison	
	2011-2015	2012-2016	2013-2017	2014-2018	2015-2019	Better	Worse	Better	Worse
Michigan	29%	29%	29%	29%	29%	--	--	NA	NA
Huron	27%	36%	34%	36%	37%		✓		✓
Lapeer	35%	32%	32%	32%	24%	✓		✓	
Sanilac	38%	30%	30%	28%	24%	✓		✓	
Tuscola	34%	30%	37%	40%	30%	✓			✓

Data Source: Center for Disease Control- Compressed Mortality File; www.countyhealthrankings.org

Huron - Lapeer - Sanilac - Tuscola

Objective 6:2- Decrease incidence of senior injuries

Unintentional Injury Death Rates/100,000 over age 75						Trend		State Comparison	
	2005-2007	2008-2010	2011-2013	2014-2016	2017-2019	Better	Worse	Better	Worse
Michigan	150	157	169	189	204		✓	NA	NA
Huron	170	134	133	154	162		✓	✓	
Lapeer	131	108	106	144	114	✓		✓	
Sanilac	189	164	141	205	133	✓		✓	
Tuscola	142	116	143	204	177	✓		✓	
Thumb Region	158	131	131	177	147	✓		✓	

Data Source: Michigan Department of Health and Human Services; <https://vitalstats.michigan.gov/osr/chi/IndexVer2.asp>

Next Steps for Collaboration

This report is intended to provide a framework for collaboration around public health issues. The most effective way to address population health priorities and community health needs, is through a collaborative effort that includes both **system change strategies** and **evidence based programs**. There are many resources available online and in print for evidence based programs. The challenge is often to find programs in this wide world of information that meet a specific need. The Alliance has identified six websites that are organized with the goal of making it easier for research to be implemented in communities. For additional information, these sites and local contacts are included on the back page of this report.

We encourage community organizations to seek information at the following sites prior to selecting and committing resources to a new program or intervention.

Three of these sites have a rural focus which is of particular interest to residents in the Thumb and other rural areas.

1. **Rural Health Research Gateway**- <https://www.ruralhealthresearch.org/>
2. **Rural Healthy People 2020 (Volumes I/II)**- <https://srhrc.tamhsc.edu/rhp2020/index.html>
3. **RHI Hub**- <https://www.ruralhealthinfo.org/>
4. **County Health Rankings**- www.countyhealthrankings.org/whatworks
5. **Center for Disease Control**- 6/18 initiative, <https://www.cdc.gov/sixeighteen/index.html> and "HI-5": Health Impact in 5 Years, <https://www.cdc.gov/policy/hst/hi5/index.html>
6. **The Community Guide**-<https://www.thecommunityguide.org>

If you are interested in partnering with other local organizations on one or more of the goals and objectives in the 2022-2024 Thumb Community Health Improvement Plan, contact a member of the Michigan Thumb Public Health Alliance.

Huron County

Tip MacGuire, 989-269-9721, ext 137
tmacguire@hchd.us

Sanilac County

Bryant Wilke, 810-648-4098
wilkeb@sanilachealth.com

Lapeer County

Kathy Haskins, 810-667-0448
khaskins@lapeercounty.org

Tuscola County

Amanda Ertman, 989-673-8117
aertman@tchd.us

Your Input Needed

The Michigan Thumb Public Health Alliance would like your feedback on this report.

Complete a feedback survey available online at:
<https://www.surveymonkey.com/r/ThumbCHA-CHIP2022>



Regional Health Initiatives

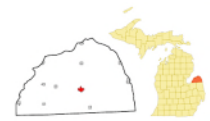
The Michigan Thumb Public Health Alliance represents the public health departments in the counties of Huron, Lapeer, Sanilac, and Tuscola County in Michigan. In 2019, the Alliance recognized that in order to truly impact the goals included in the Community Health Improvement Plan, additional partners were needed. A group of local health and human service leaders were invited to participate in a collaborative effort to align needs assessments and conduct regional health planning.

This meeting led to a planning grant from the Federal Office of Rural Health Policy and formation of the Thumb Community Health Partnership. Using the model- Mobilizing Action through Planning and Partnerships (MAPP) members of the partnership analyzed existing needs assessments and identified two priorities- Behavioral Health and Chronic Disease. Through a follow up grant for Network Development, the Alliance and Partnership are working together to align needs assessment practice, conduct regional planning, and pilot projects to address priority needs. At the time of this report, the partnership included all public health, community mental health, and hospitals in the Thumb region. Additional, partners include a mental health and substance use treatment agency, a community action agency, and a federally qualified health center. More information about the Thumb Community Health Partnership is available at www.thumbhealth.org or by contacting director, Kay Balcer at thumbhealth@gmail.com.



The Michigan Thumb Public Health Alliance is also involved in a number of other regional collaborative efforts. In 2019, the Thumb Opioid Response Consortium was formed. The Thumb Opioid Response Consortium has completed a needs and gaps assessment and developed a comprehensive workplan for addressing Opioid Use Disorder and other Substance Use Disorders in the Thumb Region. More information can be found on the Consortium's website at www.PreventTreatRecover.org

The Alliance has also played a leadership role in maternal and child health collaboratives through involvement with the Regional Perinatal Quality Collaborative and completion of a Home Visiting Assessment in 2020. These efforts continue to use data to better understand community health issue and how to address them using data driven solutions.



HURON COUNTY PRIORITIES



Goal 1: Improve Perinatal Health (See data for regional objectives on pages 1-4)

Regional Objective 1:1- Reduce smoking during pregnancy and Regional Objective 1:2- Increase planned and initiated breastfeeding



Goal 2: Reduce Adolescent Health Risks (See data for regional objectives on pages 1-4)

Regional Objective 2:1- Decrease the use of tobacco and nicotine delivery devices by adolescents

Huron - Sanilac

Objective 2:2- Decrease marijuana use by adolescents

% of students grade 9 and 11 reporting ever used Marijuana				Trend		Peer Comparison	
	2014	2016	2018	Better	Worse	Better	Worse
Huron	18	26	23	No clear trend		✓	
Sanilac	NA	NA	28	NA	NA		✓
Tuscola	29	28	29	No clear trend			✓

Data Source: Michigan Profile for Healthy Youth; <https://mdoe.state.mi.us>

Due to COVID 19 and school closures some schools administered the survey in 2020 and some in 2021. Results not available.

Huron - Tuscola

Objective 2:3- Decrease adolescent pregnancy

Rate of births to Teens per 1,000 Females Ages 15-19						Trend		State Comparison	
	2013-2015	2014-2016	2015-2017	2016-2018	2017-2019	Better	Worse	Better	Worse
Michigan	21.4	19.4	17.8	16.6	15.7	✓		NA	NA
Huron	19.9	18.0	17.3	16.3	13.2	✓		✓	
Lapeer	15.3	13.1	12.4	12.4	12.6	✓		✓	
Sanilac	21.0	22.6	23.1	20.3	19.0	✓			✓
Tuscola	24.6	23.4	22.0	22.5	20.8	✓			✓
Thumb Region	20.2	19.3	18.7	17.9	16.4	✓			✓

Data Source: Great Start Data Set; Michigan Dept. of Health-Human Services; <https://vitalstats.michigan.gov/osr/chi/IndexVer2.asp>



Goal 3: Reduce Chronic Disease Deaths (See data for regional objectives on pages 1-4)

Regional Objective 3:1- Decrease deaths from cardiovascular disease

Regional Objective 3:2- Decrease use of tobacco and nicotine delivery devices by adults; and Regional Objective 3:3- Decrease obesity

Huron - Tuscola

Objective 3:4- Increase colorectal cancer screening.

% of Adults Had Appropriately Timed Colorectal Cancer Screening					Trend		State Comparison	
	2014	2016	2018	2020	Better	Worse	Better	Worse
Michigan	71.7%	69.7%	73.6%	75.6%	✓		NA	NA
Thumb Region	75.6%	69.7%	73.6%	71.7%		✓		✓

Data Source: Michigan Department of Health and Human Services; MDHHS special request for Thumb rate. Numbers for county rates too low to calculate rates. http://www.michigan.gov/mdhhs/0,5885,7-339-71550_5104_5279_39424-134707--,00.html



Goal 4: Reduce Infectious Disease (See data for regional objectives on pages 1-4)

Regional Objective 4:1- Increase adult immunization



Goal 5: Reduce Impact of Substance Use Disorders (See data for regional objectives on pages 1-4)

Regional Objective 5:1- Reduce substance use disorders



Goal 6: Reduce Injuries among Adults (See data for regional objectives on pages 1-4)

Regional Objective 6:1-Reduce alcohol impaired accidents and Regional Objective 6:2- Decrease incidence of senior injuries



Goal 7: Reduce Childhood Illness & Injury

Huron

Objective 7:4- Decrease substantiated cases of child abuse and neglect

Rate per 1,000 Children Ages 0-8 are substantiated victims of Child Abuse or Neglect						Trend		State Comparison	
	FY16	FY17	FY18	FY19	FY20	Better	Worse	Better	Worse
Michigan	25.3	26.8	25.5	21.4	17.0	✓		NA	NA
Huron	36.1	34.4	29.6	22.0	22.6	✓			✓
Lapeer	20.2	23.5	17.1	14.4	10.7	✓		✓	
Sanilac	32.6	42.9	46.3	27.4	35.1		✓		✓
Tuscola	36.8	32.8	34.7	24.4	19.3	✓			✓
Thumb	31	33	32	22	22	✓			✓

Data Source: Michigan Department of Health and Human Services; Great Start Data Set



Goal 8: Improve Mental Health

Huron - Sanilac

Objective 8:1- Increase access to mental health services

Mental Health Provider Rates (Lower Rate Indicates Greater Access)						Trend		State Comparison	
	2016	2017	2018	2019	2020	Better	Worse	Better	Worse
Michigan	460	430	400	370	360	✓		NA	NA
Huron	1000	1050	890	800	700	✓			✓
Lapeer	800	770	750	700	680	✓			✓
Sanilac	780	770	700	650	590	✓			✓
Tuscola	430	400	390	380	360	✓		--	--
Thumb Region	753	748	683	633	583	✓			✓

Data Source: Health Resources and Services Administration; www.countyhealthrankings.org

Huron - Tuscola

Objective 8:2- Reduce the incidence of suicide

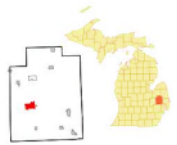
Suicide Death rates/100,000						Trend		State Comparison	
	1995-1999	2000-2004	2005-2009	2010-2014	2015-2019	Better	Worse	Better	Worse
Michigan	10.3	10.4	11.2	12.6	14.0		✓	NA	NA
Huron	13.6	12.9	16.8	14.6	25.2		✓		✓
Lapeer	10.3	10.8	10.2	17.7	14.7	No clear trend			✓
Sanilac	13.9	11.5	10.7	18.8	13.9	No clear trend		✓	
Tuscola	13.6	15.6	14.1	13.1	18.9		✓		✓
Thumb Region	12.9	12.7	13.0	16.1	18.2		✓		✓

Data Source: Michigan Department of Health and Human Services; <https://vitalstats.michigan.gov/osr/chi/IndexVer2.asp>

LAPEER COUNTY PRIORITIES



Goal 1: Improve Perinatal Health (See data for regional objectives on pages 1-4)



Regional Objective 1:1- Reduce smoking during pregnancy and Regional Objective 1:2- Increase planned and initiated breastfeeding

Lapeer - Sanilac

Objective 1:3- Increase access to prenatal care

Percent of Live Births to Women With Late or No Prenatal Care (3 year average)						Trend		State Comparison	
	2013-2015	2014-2016	2015-2017	2016-2018	2017-2019	Better	Worse	Better	Worse
Michigan	5.3	5.4	5.4	5.4	5.6		✓	NA	NA
Huron	2.7	2.5	3.5	2.7	2.8	✓		✓	
Lapeer	4.6	4.0	3.4	3.2	3.2	✓		✓	
Sanilac	8.2	8.7	10.2	9.5	9.7	No clear trend			✓
Tuscola	3.9	4.5	5.8	5.7	5.0	✓		✓	

Percent-Live Births to Women With < Than Adequate Prenatal Care (3 year average)						Trend		State Comparison	
	2013-2015	2014-2016	2015-2017	2016-2018	2017-2019	Better	Worse	Better	Worse
Michigan	32.4	32.5	32.2	32.1	32.2	--	--	NA	NA
Huron	17.9	19.5	20.1	19.4	19.8	--	--	✓	
Lapeer	33.8	32.3	30.2	28.7	28.2	✓		✓	
Sanilac	30.5	33.1	35.4	36.7	34.9	No clear trend			✓
Tuscola	30.8	33.3	33.6	32.5	30.5	✓		✓	

Data Source: Michigan Dept. of Health-Human Services; <https://vitalstats.michigan.gov/osr/chi/IndexVer2.asp>



Goal 2: Reduce Adolescent Health Risks (See data for regional objectives on pages 1-4)

Regional Objective 2:1- Decrease the use of tobacco and nicotine delivery devices by adolescents



Goal 3: Reduce Chronic Disease Deaths (See data for regional objectives on pages 1-4)

Regional Objective 3:1- Decrease deaths from cardiovascular disease; Regional Objective 3:2- Decrease use of tobacco and nicotine delivery devices by adults; and Regional Objective 3:3- Decrease obesity

Lapeer - Tuscola

Objective 3:5- Decrease deaths from diabetes

Age Adjusted Diabetes- Mortality Rates/100,000						Trend		State Comparison	
	2005-2007	2008-2010	2011-2013	2014-2016	2017-2019	Better	Worse	Better	Worse
Michigan	27	24	24	23	22	✓		NA	NA
Huron	18	27	24	27	20	✓		✓	
Lapeer	24	23	21	19	19	✓		✓	
Sanilac	42	42	25	25	26	✓			✓
Tuscola	24	23	19	20	16	✓		✓	
Thumb Region	27	28	22	23	20	✓		✓	

Data Source: Michigan Department of Health and Human Services; <https://vitalstats.michigan.gov/osr/chi/IndexVer2.asp>

Lapeer

Objective 3:8- Increase screening for prostate cancer

Male Prostate Cancer Death rate/100,000					Trend		State Comparison	
	2012-2016	2013-2017	2014-2018	2015-2019	Better	Worse	Better	Worse
Michigan	19.0	18.7	18.7	18.4	✓		NA	NA
Huron	15.8	18.4	17.9	18.5		✓		✓
Lapeer	19.4	19.9	18.9	15.8	✓		✓	
Sanilac	16.7	22.8	19.8	17.2	✓		✓	
Tuscola	17.8	20.2	18.9	16.2	✓		✓	
Thumb Region	18.0	20.3	18.9	16.9	✓		✓	

Data Source: Michigan Department of Health and Human Services; <https://vitalstats.michigan.gov/osr/chi/IndexVer2.asp>

% of Adults Had Appropriately Timed Prostate Cancer Screening					Trend		State Comparison	
	2014	2016	2018	2020	Better	Worse	Better	Worse
Michigan	45.8%	41.1%	33.5%	32.9%		✓	NA	NA
Thumb Region	40.5%	51.2%	31.0%	39.6%	✓	✓	✓	

Data Source: Michigan Department of Health and Human Services; MDHHS special request for Thumb rate. Numbers for county rates too low to calculate rates.



Goal 4: Reduce Infectious Disease (See data for regional objectives on pages 1-4)

Regional Objective 4:1- Increase adult immunization

Lapeer

Objective 4:2- Decrease incidence of chlamydia

Chlamydia Rates					Trend		State Comparison	
	2002-2006	2007-2011	2012-2016	2015-2019	Better	Worse	Better	Worse
Michigan	364.0	477.0	471.9	497.5		✓	NA	NA
Huron	101.2	109.8	161.7	187.5		✓	✓	
Lapeer	101.5	115.7	168.1	186.8		✓	✓	
Sanilac	116.0	101.4	191.2	208.7		✓	✓	
Tuscola	105.8	149.7	222.9	253.9		✓	✓	
Thumb Region	106	119	186	209		✓	✓	

Data Source: Michigan Department of Health and Human Services; <https://vitalstats.michigan.gov/osr/chi/IndexVer2.asp>



Goal 5: Reduce Impact of Substance Use Disorders (See data for regional objectives on pages 1-4)

Regional Objective 5:1- Reduce substance use disorders



Goal 6: Reduce Injuries among Adults

Regional Objective 6:1-Reduce alcohol impaired accidents and Regional Objective 6:2- Decrease incidence of senior injuries



Goal 7: Reduce Childhood Illness & Injury

Lapeer - Sanilac

Objective 7:1-Increase children receiving immunizations

% of Toddlers Ages 19-35 Months Who Are Immunized (4:4:1:3:3:1:4)						Trend		State Comparison	
	2016	2017	2018	2019	2020	Better	Worse	Better	Worse
Michigan	74.9	75.0	74.1	73.9	70.7		✓	NA	NA
Huron	75.2	76.7	74.6	79.3	76.4		✓	✓	
Lapeer	66.9	68.0	67.5	68.4	65.2		✓		✓
Sanilac	67.8	70.4	69.7	70.3	62.7		✓		✓
Tuscola	76.1	76.4	71.7	72.5	69.0		✓		✓

Data Source: Michigan Department of Health and Human Services; Great Start Data Set

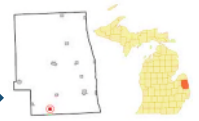
Lapeer - Sanilac

Objective 7:2-Increase lead testing for eligible children

% of Medicaid-eligible 1-2 Year Olds Tested for Lead						Trend		State Comparison	
	2015	2016	2017	2018	2019	Better	Worse	Better	Worse
Michigan	54.0	52.0	50.7	47.1	40.9		✓	NA	NA
Huron	56.1	54.2	46.8	49.4	37.2		✓		✓
Lapeer	53.7	56.5	53.8	54.3	48.5		✓	✓	
Sanilac	39.4	23.6	41.9	34.8	26.4		✓		✓
Tuscola	68.0	65.9	72.4	61.8	53.6		✓	✓	

Data Source: Michigan Department of Health and Human Services; Great Start Data Set

SANILAC COUNTY PRIORITIES



Goal 1: Improve Perinatal Health (See data for regional objectives on pages 1-4)

Regional Objective 1:1- Reduce smoking during pregnancy and Regional Objective 1:2- Increase planned and initiated breastfeeding

Lapeer - Sanilac

Objective 1:3- Increase access to prenatal care

Percent of Live Births to Women With Late or No Prenatal Care (3 year average)						Trend		State Comparison	
	2015	2016	2017	2018	2019	Better	Worse	Better	Worse
Michigan	5.3	5.4	5.4	5.4	5.6		✓	NA	NA
Huron	2.7	2.5	3.5	2.7	2.8	✓		✓	
Lapeer	4.6	4.0	3.4	3.2	3.2	✓		✓	
Sanilac	8.2	8.7	10.2	9.5	9.7	No clear trend			✓
Tuscola	3.9	4.5	5.8	5.7	5.0	✓		✓	

Percent-Live Births to Women With < Than Adequate Prenatal Care (3 year average)						Trend		State Comparison	
	2013-2015	2014-2016	2015-2017	2016-2018	2017-2019	Better	Worse	Better	Worse
Michigan	32.4	32.5	32.2	32.1	32.2	--	--	NA	NA
Huron	17.9	19.5	20.1	19.4	19.8	--	--	✓	
Lapeer	33.8	32.3	30.2	28.7	28.2	✓		✓	
Sanilac	30.5	33.1	35.4	36.7	34.9	No clear trend			✓
Tuscola	30.8	33.3	33.6	32.5	30.5	✓		✓	

Data Source: Michigan Dept. of Health-Human Services; <https://vitalstats.michigan.gov/osr/chi/IndexVer2.asp>



Goal 2: Reduce Adolescent Health Risks (See data for regional objectives on pages 1-4)

Regional Objective 2:1- Decrease the use of tobacco and nicotine delivery devices by adolescents

Huron - Sanilac

Objective 2:2- Decrease marijuana use by adolescents

% of students grade 9 and 11 reporting ever used Marijuana				Trend		Peer Comparison	
	2014	2016	2018	Better	Worse	Better	Worse
Huron	18	26	23	No clear trend		✓	
Sanilac	NA	NA	28	NA	NA		✓
Tuscola	29	28	29	No clear trend			✓

Data Source: Michigan Profile for Healthy Youth; <https://mdoe.state.mi.us> Due to COVID 19 and school closures some results not available.



Goal 3: Reduce Chronic Disease Deaths (See data for regional objectives on pages 1-4)

Regional Objective 3:1- Decrease deaths from cardiovascular disease; Regional Objective 3:2- Decrease use of tobacco and nicotine delivery devices by adults; and Regional Objective 3:3- Decrease obesity

Sanilac

Objective 3:6- Increase participation in physical activity

% of Adults who report No Leisure time Physical Activity						Trend		State Comparison	
	2014-2016	2015-2017	2016-2018	2017-2019	2018-2020	Better	Worse	Better	Worse
Michigan	24.9	25.5	24.9	25.5	23.3	✓		NA	NA
Huron	20.8	21.0	26.0	28.3	26.4	✓			✓
Lapeer	25.9	23.5	24.5	24.2	33.7		✓		✓
Sanilac	28.8	30.4	30.0	30.8	33.9		✓		✓
Tuscola	34.7	32.6	30.4	27.3	24.9	✓			✓

Data Source: Michigan Department of Health and Human Services; http://www.michigan.gov/mdhhs/0,5885,7-339-71550_5104_5279_39424-134707--,00.html



Goal 4: Reduce Infectious Disease (See data for regional objectives on pages 1-4)

Regional Objective 4:1- Increase adult immunization



Goal 5: Reduce Impact of Substance Use Disorders (See data for regional objectives on pages 1-4)

Regional Objective 5:1- Reduce substance use disorders



Goal 6: Reduce Injuries among Adults (See data for regional objectives on pages 1-4)

Regional Objective 6:1-Reduce alcohol impaired accidents and Regional Objective 6:2- Decrease incidence of senior injuries



Goal 7: Reduce Childhood Illness & Injury

Lapeer - Sanilac

Objective 7:1-Increase children receiving immunizations

	% of Toddlers Ages 19-35 Months Who Are Immunized (4:4:1:3:3:1:4)					Trend		State Comparison	
	2016	2017	2018	2019	2020	Better	Worse	Better	Worse
Michigan	74.9	75.0	74.1	73.9	70.7		✓	NA	NA
Huron	75.2	76.7	74.6	79.3	76.4		✓	✓	
Lapeer	66.9	68.0	67.5	68.4	65.2		✓		✓
Sanilac	67.8	70.4	69.7	70.3	62.7		✓		✓
Tuscola	76.1	76.4	71.7	72.5	69.0		✓		✓

Objective 7:2-Increase lead testing for eligible children

	% of Medicaid-eligible 1-2 Year Olds Tested for Lead					Trend		State Comparison	
	2015	2016	2017	2018	2019	Better	Worse	Better	Worse
Michigan	54.0	52.0	50.7	47.1	40.9		✓	NA	NA
Huron	56.1	54.2	46.8	49.4	37.2		✓		✓
Lapeer	53.7	56.5	53.8	54.3	48.5		✓	✓	
Sanilac	39.4	23.6	41.9	34.8	26.4		✓		✓
Tuscola	68.0	65.9	72.4	61.8	53.6		✓	✓	

Data Source: Michigan Department of Health and Human Services; Great Start Data Set



Goal 8: Improve Mental Health

Huron - Sanilac

Objective 8:1- Increase access to mental health services

	Mental Health Provider Rates (Lower Rate Indicates Greater Access)					Trend		State Comparison	
	2016	2017	2018	2019	2020	Better	Worse	Better	Worse
Michigan	460	430	400	370	360	✓		NA	NA
Huron	1000	1050	890	800	700	✓			✓
Lapeer	800	770	750	700	680	✓			✓
Sanilac	780	770	700	650	590	✓			✓
Tuscola	430	400	390	380	360	✓		--	--
Thumb Region	753	748	683	633	583	✓			✓

Data Source: Health Resources and Services Administration; www.countyhealthrankings.org



Goal 9: Increase Oral Health

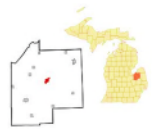
Sanilac - Tuscola

Objective 9:1- Increase access to oral health services

	Dental Provider Rates- Lower Indicates Greater Access					Trend		State Comparison	
	2015	2016	2017	2018	2019	Better	Worse	Better	Worse
Michigan	1420	1380	1360	1340	1310	✓		NA	NA
Huron	1990	1850	1840	1830	1820	✓			✓
Lapeer	2160	2010	1960	1910	1900	✓			✓
Sanilac	3460	3450	3440	3430	2740	✓			✓
Tuscola	2830	2810	2780	2920	2750	✓			✓
Thumb Region	2610	2530	2505	2523	2303	✓			✓

Data Source: HRSA; www.countyhealthrankings.org

TUSCOLA COUNTY PRIORITIES



Goal 1: Improve Perinatal Health (See data for regional objectives on pages 1-4)

Regional Objective 1:1- Reduce smoking during pregnancy and Regional Objective 1:2- Increase planned and initiated breastfeeding

Tuscola Objective 1:5- Reduce prenatal exposure to drugs/opioids

Perinatal Region 3-Neonatal Abstinence Syndrome Rate/100,000 Births					Trend		State Comparison	
	2016-2018 rate	2017-2019-Rate	2017-2019 total #	2019 rate	Better	Worse	Better	Worse
Huron	1003.3	850	8	NA	✓			✓
Lapeer	1567.7	2420	32	NA		✓		✓
Sanilac	1032.6	1240	8	NA		✓		✓
Tuscola	788.8	1631	13	NA		✓		✓
Thumb Region	1098	1535	61	547.5	✓	*	✓	

Data Source: Michigan Health and Hospital Association Service Corporation via special request from the Michigan Department of Health and Human Services

*Trend data for three year averages indicates a worsening trend. However, the Thumb rate for 2019 appears to have improved.



Goal 2: Reduce Adolescent Health Risks (See data for regional objectives on pages 1-4)

Regional Objective 2:1- Decrease the use of tobacco and nicotine delivery devices by adolescents

Huron – Tuscola Objective 2:3- Decrease adolescent pregnancy

Rate of births to Teens per 1,000 Females Ages 15-19						Trend		State Comparison	
	2013-2015	2014-2016	2015-2017	2016-2018	2017-2019	Better	Worse	Better	Worse
Michigan	21.4	19.4	17.8	16.6	15.7	✓		NA	NA
Huron	19.9	18.0	17.3	16.3	13.2	✓		✓	
Lapeer	15.3	13.1	12.4	12.4	12.6	✓		✓	
Sanilac	21.0	22.6	23.1	20.3	19.0	✓			✓
Tuscola	24.6	23.4	22.0	22.5	20.8	✓			✓
Thumb Region	20.2	19.3	18.7	17.9	16.4	✓			✓

Data Source: Great Start Data Set; Michigan Dept. of Health-Human Services; <https://vitalstats.michigan.gov/osr/chi/IndexVer2.asp>



Goal 3: Reduce Chronic Disease Deaths (See data for regional objectives on pages 1-4)

Regional Objective 3:1- Decrease deaths from cardiovascular disease; Regional Objective 3:2- Decrease use of tobacco and nicotine delivery devices by adults; and Regional Objective 3:3- Decrease obesity

Huron – Tuscola Objective 3:4- Increase colorectal cancer screening.

% of Adults Had Appropriately Timed Colorectal Cancer Screening					Trend		State Comparison	
	2014	2016	2018	2020	Better	Worse	Better	Worse
Michigan	71.7%	69.7%	73.6%	75.6%	✓		NA	NA
Thumb Region	75.6%	69.7%	73.6%	71.7%		✓		✓

Data Source: Michigan Department of Health and Human Services; MDHHS special request for Thumb rate. Numbers for county rates too low to calculate rates.

Lapeer – Tuscola Objective 3:5- Decrease deaths from diabetes

Age Adjusted Diabetes- Mortality Rates/100,000						Trend		State Comparison	
	2005-2007	2008-2010	2011-2013	2014-2016	2017-2019	Better	Worse	Better	Worse
Michigan	27	24	24	23	22	✓		NA	NA
Huron	18	27	24	27	20	✓		✓	
Lapeer	24	23	21	19	19	✓		✓	
Sanilac	42	42	25	25	26	✓			✓
Tuscola	24	23	19	20	16	✓		✓	
Thumb Region	27	28	22	23	20	✓		✓	

Data Source: Michigan Department of Health and Human Services; <https://vitalstats.michigan.gov/osr/chi/IndexVer2.asp>



Goal 4: Reduce Infectious Disease (See data for regional objectives on pages 1-4)

Regional Objective 4:1- Increase adult immunization



Goal 5: Reduce Impact of Substance Use Disorders (See data for regional objectives on pages 1-4)

Regional Objective 5:1- Reduce substance use disorders



Goal 6: Reduce Injuries among Adults

Regional Objective 6:1-Reduce alcohol impaired accidents and Regional Objective 6:2- Decrease incidence of senior injuries
Tuscola Objective 6:3- Reduce the incidence of violent crime.

Violent Crime Rate					Trend		State Comparison	
	2009-2011	2010-2012	2012-2014	2014 & 2016	Better	Worse	Better	Worse
Michigan	478	464	444	443	✓		NA	NA
Huron	124	123	169	163		✓	✓	
Lapeer	157	156	164	187		✓	✓	
Sanilac	202	196	241	264		✓	✓	
Tuscola	172	177	232	273		✓	✓	
Thumb Region	164	163	202	222		✓	✓	

Data Source: Uniform Crime Reporting-FBI; www.countyhealthrankings.org



Goal 8: Improve Mental Health

Huron – Tuscola Objective 8:2- Reduce the incidence of suicide

Suicide Death rates/100,000						Trend		State Comparison	
	1995-1999	2000-2004	2005-2009	2010-2014	2015-2019	Better	Worse	Better	Worse
Michigan	10.3	10.4	11.2	12.6	14.0		✓	NA	NA
Huron	13.6	12.9	16.8	14.6	25.2		✓		✓
Lapeer	10.3	10.8	10.2	17.7	14.7	No clear trend			✓
Sanilac	13.9	11.5	10.7	18.8	13.9	No clear trend		✓	
Tuscola	13.6	15.6	14.1	13.1	18.9		✓		✓
Thumb Region	12.9	12.7	13.0	16.1	18.2		✓		✓

Data Source: Michigan Department of Health and Human Services; <https://vitalstats.michigan.gov/osr/chi/IndexVer2.asp>



Goal 9: Increase Oral Health

Sanilac – Tuscola Objective 9:1- Increase access to oral health services

Dental Provider Rates- Lower Indicates Greater Access						Trend		State Comparison	
	2015	2016	2017	2018	2019	Better	Worse	Better	Worse
Michigan	1420	1380	1360	1340	1310	✓		NA	NA
Huron	1990	1850	1840	1830	1820	✓			✓
Lapeer	2160	2010	1960	1910	1900	✓			✓
Sanilac	3460	3450	3440	3430	2740	✓			✓
Tuscola	2830	2810	2780	2920	2750	✓			✓
Thumb Region	2610	2530	2505	2523	2303	✓			✓

Data Source: HRSA; www.countyhealthrankings.org



Goal 10: Increase Overall Health & Wellness

Tuscola Objective 10:1- Increase residents reporting good health

% reported physical health not good > 14 days						Trend		State Comparison	
	2014-2016	2015-2017	2016-2018	2017-2019	2018-2020	Better	Worse	Better	Worse
Michigan	16	9	10	14	13	No clear trend		NA	NA
Huron	17	8	*	*	*	No clear trend		NA	NA
Lapeer	16	10	12	18	21		✓		✓
Sanilac	14	14	12	19	16	No clear trend			✓
Tuscola	19	14	*	14	12	✓		✓	

* Indicates too few of cases to calculate a rate.

Data Source: Michigan Department of Health and Human Services; http://www.michigan.gov/mdhhs/0,5885,7-339-71550_5104_5279_39424-134707--,00.html



www.mithumbpha.org
Huron | Lapeer | Sanilac | Tuscola