



2019-2021 THUMB COMMUNITY HEALTH IMPROVEMENT PLAN (CHIP)

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Michigan Thumb Public Health Alliance
Huron | Lapeer | Sanilac | Tuscola

Collaborating to Improve Health

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 created 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. In 2017, the Alliance embarked on an 18 month process guided by the Rural Healthy People 2020 report. The process involved compiling and analyzing data, prioritization, obtaining community input, and developing goals and objectives. Two documents resulted from the process. The sixty six page **2018 Community Health Assessment Report** (CHA) includes a report on health indicators and community input and is available at www.mithumbpha.org/documents. The Alliance members agreed that all 20 priorities outlined in the Rural Healthy People 2020 publication were important to the health of local residents. While all twenty of the issues have some action, leaders also recognized that it would be impossible to target all twenty for focused change and that in local communities some issues have more compelling needs data than others. Goals and objectives were written for prioritized health issues and are presented to the public in this report: **2019-2021 Community Health Improvement Plan**.



Priorities, Goals, and Objectives

The first step in the prioritization process included each county reviewing health indicator data across the life cycle. Based on this review, each county selected priorities for 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 the county prioritization process, the priorities were compared across the region. Health issues where all four counties identified a priority were selected as regional priorities. Goal 1 through Goal 6 of this plan were written to address the regional priorities identified through this process. Additional goals and objectives for each county are outlined on the following pages.

REGIONAL PRIORITIES

Goal 1: Improve Perinatal Health

Huron - Lapeer - Sanilac - Tuscola

Objective 1:1- Reduce smoking during pregnancy

Percent of Live Births to Women Who Smoked During Pregnancy (3 year average)					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2010-2012	25.1	28.0	25.9	30.5	19.0
2014-2016	20.6	19.9	22.9	24.3	17.1

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

Huron - Lapeer - Sanilac - Tuscola

Objective 1:2- Increase planned and initiated breastfeeding

% of Mothers Planning to Breastfeeding					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2012	30.0	27.1	45.4	19.9	40.3
2016	28.1	21.8	37.2	20.3	35.7

% of Mothers Initiating Breastfeeding					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2012	40.3	48.4	32.0	53.9	36.1
2016	52.5	57.8	39.0	60.6	46.3

Data Source: Michigan Department of Health and Human Services
<http://www.mdch.state.mi.us/pha/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

Michigan Profile for Healthy Youth % of students grade 9 and 11-Past 30 days					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
Cigarette	11	NA	12	8	NA
E-Vaping	31	NA	36	32	NA

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



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					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2002-2004	246.3	291.9	245.1	249.5	266.0
2014-2016	230.9	237.2	245.9	210.7	199.0

Stroke- Age Adjusted Mortality Rate/100,000					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2002-2004	65.2	62.6	60.8	54.2	54.7
2014-2016	33.3	42.1	26.0	40.1	38.0

Data Source: Michigan Department of Health and Human Services
<http://www.mdch.state.mi.us/pha/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					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2006-2012	16	17	18	17	21
2016	17	18	18	19	20

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



Goal 6: Reduce Injuries among Adults

Huron - Lapeer - Sanilac - Tuscola

Objective 3:3- Decrease obesity

% of People Obese					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2011-2013	25.8	25.9	41.3	30.9	31.3
2014-2016	32.1	31.8	35.0	37.0	31.4
% of People Obese or Overweight					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2011-2013	77.5	59.5	69.9	70.9	65.8
2014-2016	72.5	64.9	73.0	77.4	66.4

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					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2016 SY	37.0	NA	NA	37.0	NA
2018 SY	37.0	NA	39.7	40.5	NA

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					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2011-2013	45.8	46.9	43.6	45.5	56.7
2014-2016	*	52.0	*	60.6	57.1
% Ever Had Pneumonia Vaccine age >65					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2011-2013	61.4	65.1	66.7	53.8	67.5
2014-2016	*	59.5	*	69.1	71.3

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					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2006-2012	17	16	20	19	18
2016	19	22	21	22	21

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

Drug Overdose Death rates/100,000					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2004-2010	6	12	11	10	12
2014-2016	16	11	13	11	20

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



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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.					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2008-2012	20	22	30	37	31
2012-2016	36	32	30	30	29

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 Injuries Death Rate/100,000- Age 75+					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2002-2004	160	133	124	127	146
2014-2016	154	144	205	204	189

Data Source: Michigan Department of Health and Human Services
<http://www.mdch.state.mi.us/pha/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.

Your Input Needed

The Michigan Thumb Public Health Alliance would like your feedback on the goals and objectives included in this document, [2019-2021 Community Health Improvement Plan](#). We are also seeking input on the complete data analysis, [2018 Thumb Community Health Assessment Report](#) which can be accessed online at www.mithumbpha.org/documents.

We encourage you to read through both of these reports before completing the feedback survey!



The survey is available online at:

<https://www.surveymonkey.com/r/ThumbCHA-CHIP>



Goal 1: Improve Perinatal Health

Regional Priorities (Data included on page 1)

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



Goal 2: Reduce Adolescent Health Risks

Regional Priorities (Data included on page 1)

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

Huron - Sanilac

- Objective 2:2- Decrease marijuana use by adolescents

Michigan Profile for Healthy Youth % of students grade 9 and 11					
2018	Huron	Lapeer	Sanilac	Tuscola	Michigan
Marijuana Use- Ever	23	NA	28	29	NA

Data Source: Michigan Profile for Healthy Youth

Huron - Tuscola

- Objective 2:3- Decrease adolescent pregnancy

% of births to Mothers < age 20					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2010-2012	6.6	8.2	8.3	8.0	8.7
2014-2016	5.4	4.5	6.8	6.8	5.7

Rate of births to Teens per 1,000 Females Ages 15-19					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2010-2012	20.6	21.3	26.8	22.8	28.1
2014-2016	18.0	13.1	22.6	23.4	19.4

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



Goal 3: Reduce Chronic Disease Deaths

Regional Priorities (Data included on page 1 & 2)

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

Huron - Tuscola

- Objective 3:4- Increase colorectal cancer screening.

% of Adults Had Appropriately Timed Colorectal Cancer Screening					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2012-2013	NA	67.3%	53.4%	68.9%	67.8%
2014-2016	71.2%	72.3%	74.2%	66.0%	71.0%

Huron

- Objective 3:7- Increase consumption of healthy foods

% of Adults who consumed Fruits or Vegetables < 1 time / day (2011-2013)					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
Vegetables	22	NA	27	34	24
Fruit	31	25	48	43	38

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

HURON COUNTY PRIORITIES



Goal 4: Reduce Infectious Disease

Regional Priorities (Data included on page 2)

- Objective 4:1- Increase adult immunization



Goal 5: Reduce Impact of Substance Use Disorders

Regional Priorities (Data included on page 2)

- Objective 5:1- Reduce substance use disorders



Goal 6: Reduce Injuries among Adults

Regional Priorities (Data included on page 2)

- Objective 6:1- Reduce alcohol impaired accidents
- 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					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
FY13	15.1	20.5	27.6	30.1	20.6
FY17	34.4	23.5	42.9	32.8	26.8

Data Source: Michigan Department of Health and Human Services, Child Protective 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					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2013	2029	1400	1006	675	661
2017	1050	770	770	400	430

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					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
1991-1995	14.9	9.8	15.4	14.0	11.2
2012-2016	19.6	16.9	18.6	15.0	13.1

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



Goal 1: Improve Perinatal Health

Regional Priorities (Data included on page 1)

Objective 1:1- Reduce smoking during pregnancy

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)					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2010-2012	3.1	4.1	6.7	2.7	4.5
2014-2016	2.5	4	8.7	4.5	5.4

Percent of Live Births to Women With Less Than Adequate Prenatal Care (3 year average)					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2010-2012	18.0	29.8	30.5	24.3	29.4
2014-2016	19.5	32.3	33.1	33.3	32.5

Data Source: Michigan Department of Health and Human Services

<http://www.mdch.state.mi.us/pha/osr/chi/IndexVer2.asp>

Lapeer

Objective 1:4- Reduce pre-term births

Percent of Live Births That Are Preterm (< 37 weeks) (3 year average)					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2010-2012	10.5	10.8	7.4	8.6	10.1
2014-2016	8.7	8.7	9.1	7.4	9.9

Data Source: Michigan Department of Health and Human Services

<http://www.mdch.state.mi.us/pha/osr/chi/IndexVer2.asp>



Goal 2: Reduce Adolescent Health Risks

Regional Priorities (Data included on page 1)

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



Goal 3: Reduce Chronic Disease Deaths

Regional Priorities (Data included on page 1 & 2)

Objective 3:1- Decrease deaths from cardiovascular disease

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

Objective 3:3- Decrease obesity

Lapeer - Tuscola

Objective 3:5- Decrease deaths from diabetes

Age Adjusted Diabetes- Mortality Rates/100,000					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2002-2004	80.5	89.4	94.9	90.5	81.4
2014-2016	88.6	49.0	99.6	74.7	69.5

Data Source: Michigan Department of Health and Human Services

<http://www.mdch.state.mi.us/pha/osr/chi/IndexVer2.asp>

Lapeer

Objective 3:8- Increase screening for prostate cancer

Male Prostate Cancer Death rate/100,000					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2006-2010	25.3	19.8	18.8	28.4	21.7
2010-2014	15.8	23.6	15.5	20.0	19.5

Data Source: Michigan Department of Health and Human Services

<http://www.mdch.state.mi.us/pha/osr/chi/IndexVer2.asp>

LAPEER COUNTY PRIORITIES



Goal 4: Reduce Infectious Disease

Regional Priorities (Data included on page 2)

Objective 4:1- Increase adult immunization

Lapeer

Objective 4:2- Decrease incidence of chlamydia

Chlamydia Rates					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
1997-2001	55.1	52.3	49.3	102.8	350.8
2012-2016	161.7	168.1	191.2	222.9	471.9

Data Source: Michigan Department of Health and Human Services

<http://www.mdch.state.mi.us/pha/osr/chi/IndexVer2.asp>



Goal 5: Reduce Impact of Substance Use Disorders

Regional Priorities (Data included on page 2)

Objective 5:1- Reduce substance use disorders



Goal 6: Reduce Injuries among Adults

Regional Priorities (Data included on page 2)

Objective 6:1- Reduce alcohol impaired accidents

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					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
Dec 2012	78.8	64.1	74.2	74.2	74.3
Dec 2016	76.7	68.0	70.4	76.4	75.0

Data Source: Michigan Department of Health and Human Services

Lapeer - Sanilac

Objective 7:2- Increase lead testing for eligible children

% of Medicaid-eligible 1-2 Year Olds Tested for Lead					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2011	49.6	29.6	25.9	30.5	39.9
2015	52.6	48.6	36.8	63.7	48.8

Data Source: Michigan Department of Health and Human Services

Great Start Data Set

Lapeer - Tuscola

Objective 7:3- Increase access to services for low income children

% of Children Ages 0-4 Participating in WIC					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2013	56.0	50.0	55.3	62.4	51.4
2017	59.6	42.4	50.5	63.8	47.3

Data Source: Michigan Department of Health and Human Services

Great Start Data Set



Goal 1: Improve Perinatal Health

Regional Priorities (Data included on page 1)

- Objective 1:1- Reduce smoking during pregnancy
- 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)					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2010-2012	3.1	4.1	6.7	2.7	4.5
2014-2016	2.5	4	8.7	4.5	5.4

Percent of Live Births to Women With Less Than Adequate Prenatal Care (3 year average)					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2010-2012	18.0	29.8	30.5	24.3	29.4
2014-2016	19.5	32.3	33.1	33.3	32.5

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



Goal 2: Reduce Adolescent Health Risks

Regional Priorities (Data included on page 1)

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

Huron - Sanilac

- Objective 2:2- Decrease marijuana use by adolescents

Michigan Profile for Healthy Youth % of students grade 9 and 11					
2018	Huron	Lapeer	Sanilac	Tuscola	Michigan
Marijuana Use- Ever	23	NA	28	29	NA

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



Goal 3: Reduce Chronic Disease Deaths

Regional Priorities (Data included on page 1 & 2)

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

Sanilac

- Objective 3:6- Increase participation in physical activity

% of Adults who report No Leisure time Physical Activity					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2011-2013	40	21	21	31	24
2014-2016	21	26	29	35	25

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

Regional Priorities (Data included on page 2)

- Objective 4:1- Increase adult immunization

SANILAC COUNTY PRIORITIES



Goal 5: Reduce Impact of Substance Use Disorders

Regional Priorities (Data included on page 2)

- Objective 5:1- Reduce substance use disorders



Goal 6: Reduce Injuries among Adults

Regional Priorities (Data included on page 2)

- Objective 6:1- Reduce alcohol impaired accidents
- 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					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
Dec 2012	78.8	64.1	74.2	74.2	74.3
Dec 2016	76.7	68.0	70.4	76.4	75.0

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					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2011	49.6	29.6	25.9	30.5	39.9
2015	52.6	48.6	36.8	63.7	48.8

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					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2013	2029	1400	1006	675	661
2017	1050	770	770	400	430

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 Rate Indicates Great Access					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2010	2542	2450	3311	3093	1589
2015	1990	2160	3460	2830	1420

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



Goal 1: Improve Perinatal Health

Regional Priorities (Data included on page 1)

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

Tuscola

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

Perinatal Region 3-Neonatal Abstinence Syndrome Number and Rate/100,000 Births					
	2010	2011	2012	2013	2014
Number-R3	54	96	96	118	165
Rate-R3	446	817	825	1014	1409
Rate-MI	363	479	549	657	712

Data Source: Michigan Health and Hospital Association Service Corporation



Goal 2: Reduce Adolescent Health Risks

Regional Priorities (Data included on page 1)

- 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					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2010-2012	20.6	21.3	26.8	22.8	28.1
2014-2016	18.0	13.1	22.6	23.4	19.4

Data Source: Great Start Data Set; Michigan Dept. of Health-Human Services
<http://www.mdch.state.mi.us/pha/osr/chi/IndexVer2.asp>



Goal 3: Reduce Chronic Disease Deaths

Regional Priorities (Data included on page 1 & 2)

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

Huron - Tuscola

- Objective 3:4- Increase colorectal cancer screening.

% of Adults Had Appropriately Timed Colorectal Cancer Screening					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2012-2013	NA	67.3%	53.4%	68.9%	67.8%
2014-2016	71.2%	72.3%	74.2%	66.0%	71.0%

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

Lapeer - Tuscola

- Objective 3:5- Decrease deaths from diabetes

Age Adjusted Diabetes- Mortality Rates/100,000					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2002-2004	80.5	89.4	94.9	90.5	81.4
2014-2016	88.6	49.0	99.6	74.7	69.5

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



Goal 4: Reduce Infectious Disease

Regional Priorities (Data included on page 2)

- Objective 4:1- Increase adult immunization

TUSCOLA COUNTY PRIORITIES



Goal 5: Reduce Impact of Substance Use Disorders

Regional Priorities (Data included on page 2)

- Objective 5:1- Reduce substance use disorders



Goal 6: Reduce Injuries among Adults

Regional Priorities (Data included on page 2)

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

Tuscola

- Objective 6:3- Reduce the incidence of violent crime.

Violent Crime Rate					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2009-2011	124	157	202	172	478
2012-2014	169	164	241	232	444

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



Goal 7: Reduce Childhood Illness & Injury

Lapeer - Tuscola

- Objective 7:3- Increase service access for low income children

% of Children Ages 0-4 Participating in WIC					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2013	56.0	50.0	55.3	62.4	51.4
2017	59.6	42.4	50.5	63.8	47.3

Data Source: Michigan Department of Health and Human Services



Goal 8: Improve Mental Health

Huron - Tuscola

- Objective 8:2- Reduce the incidence of suicide

Suicide Death rates/100,000					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
1991-1995	14.9	9.8	15.4	14.0	11.2
2012-2016	19.6	16.9	18.6	15.0	13.1

Data Source: Michigan Department of Health and Human Services



Goal 9: Increase Oral Health

Sanilac - Tuscola

- Objective 9:1- Increase access to oral health services

Dental Provider Rates- Lower Indicates Greater Access					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
2010	2542	2450	3311	3093	1589
2015	1990	2160	3460	2830	1420

Data Source: HRSA; www.countyhealthrankings.org



Goal 10: Increase Overall Health & Wellness

Tuscola

- Objective 10:1- Increase senior residents reporting good health

% reported physical health not good > 14 days (2013)					
	Huron	Lapeer	Sanilac	Tuscola	Michigan
Age 65-74	17.5	NA	13.5	11.8	NA
Age 75+	5.9	NA	6.8	31.6	NA

Data Source: Thumb BRFSS Oversampling Report; Thumb Rural Health Network

Michigan Thumb Public Health Alliance

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



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 2019-2021 Thumb Community Health Improvement Plan, contact a member of the Michigan Thumb Public Health Alliance.

Huron County: Ann Hepfer, 989-269-9721, or ahepfer@tchd.us
Lapeer County: Kathy Haskins, 810-667-0448 or khaskins@lapeercounty.org
Sanilac County: Bryant Wilke, 810-648-4098 or wilkeb@sanilachealth.com
Tuscola County: Ann Hepfer, 989-673-8114 or ahepfer@tchd.us