

# 2014 ANNUAL REPORT

*Be wise. Be well.*



SAGINAW COUNTY  
DEPARTMENT OF PUBLIC HEALTH

*protecting and promoting the public's health since 1928*

## OUR MISSION

To protect and promote the public's health and well-being

## OUR VISION

To be a valued leader, partner, and service provider building a healthy community

## OUR VISION PRIORITIES

- We will make a measurable impact in improving the health of our community.
- We will provide excellent customer service.
- We will advocate for health equity.
- We will broaden and strengthen partnerships with other community and health care organizations.
- We will proactively engage in shaping our community's response to health care reform.
- We will support an environment that values and respects employees.
- We will build a culture of quality improvement.
- We will assure a competent public health workforce.
- We will promote awareness of our department and services in the community.

## OUR GUIDING PRINCIPLES & VALUES

- |                |            |
|----------------|------------|
| Accountability | Dedication |
| Diversity      | Excellence |
| Integrity      | Respect    |
| Teamwork       |            |

## SAGINAW COUNTY BOARD OF COMMISSIONERS

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## A message from the Health Officer...

On behalf of the Saginaw County Board of Commissioners, Board of Health, and Department staff, I am pleased to present this 2014 Annual Report highlighting the activities and services of your Saginaw County Department of Public Health. Looking back, 2014 was a year of continued dedication to the basic tenets of governmental public health work: to prevent the outbreak of disease and promote and protect health among Saginaw County residents and those who visit here. This year we were “graded” by the Michigan Local Public Health Accreditation Commission on our performance in meeting standards for essential local public health services. I am pleased to report that your Health Department and its dedicated staff received an “A” grade, including special recognition for demonstrated commitment to quality improvement, which resulted in the award of Accreditation with Commendation, the highest level of accreditation possible.

The mission of the SCDPH is really one shared with collaborative partners throughout the County and region. The work is too great and too important for just a single agency. Therefore, we were pleased this year to roll-out with multiple planning partners the triennial update of the “Saginaw County Roadmap to Health,” a new 3-year community health improvement plan. We also completed a new strategic plan for the Department that will guide our work over the next two years. Both plans can be viewed on our website, [www.saginawpublichealth.org](http://www.saginawpublichealth.org), on the resources/publications page.

At the time of this writing in early 2015, Ebola and related special pathogen response planning has demanded our attention. More County residents than ever before now have health insurance coverage, and the County’s population has continued its decline of the past several years. As these fewer residents increasingly have greater options for health care services in this era of the national Affordable Care Act, demand for clinical services available at the local public health department may be on the decline. Program data reported in the following pages suggest this trend here.

Looking forward, the challenge before us lies in determining the right mix of clinical prevention services that is responsive to evolving public demand while also addressing the resource demands of ongoing community health needs assessment and the capacity to respond to emerging threats of infectious disease outbreaks. We remain guided by our vision “to be a valued leader, partner and service provider...” in this endeavor to assure conditions in our County by which all residents can be healthy and safe.

Please join us in making Saginaw County the healthiest place to grow up and grow old! Contact me if you have questions or ideas about how we might improve our work, or how you might become involved. I would be happy to hear from you.

Sincerely,

John D. McKellar, M.P.A.  
Health Officer  
989.758.3818  
[jmckellar@saginawcounty.com](mailto:jmckellar@saginawcounty.com)



**Public Health**  
Prevent. Promote. Protect.

# HIGHLIGHTS 2014

The Health Department was reviewed this year by the Michigan Local Public Health Accreditation Program, a triennial week-long site visit that assesses compliance with required standards of operation. An "A" grade was achieved, with corrective action required on 8 of 162 total indicators. Along with a Certificate of Accreditation with Commendation, the Department was awarded a Certificate of Quality, "recognizing the agency's ongoing efforts to establish a culture of quality; demonstrate the ability to evaluate the effectiveness of public health programs; and to implement quality improvement."

The "Saginaw County Roadmap to Health," an updated 3-year community health improvement plan, was unveiled by the SCDPH and planning partners at a public event in March. (Plan can be viewed at [www.saginawpublichealth.org](http://www.saginawpublichealth.org).)

The County Board of Health and Board of Commissioners approved a new 2014-2015 Strategic Plan for the Department that articulates mission, vision and values and is guiding work over the next two years. (Plan can be viewed at [www.saginawpublichealth.org](http://www.saginawpublichealth.org).)

The Dental Program, which has traditionally served only children for many years, expanded program eligibility this year to also include services for adults.

National Public Health Week was recognized with an all-staff training event and the 2nd Annual Public Health Fair at the Dow Event Center to highlight the public health system partners in Saginaw.

This year marked the retirement of long-time Health Department Medical Director Neill Varner, DO, MPH, and we welcomed his replacement, Russell Bush, MD, MPH, to Saginaw County.

The Immunization Program facilitated the distribution of over 43,000 doses of vaccine to area health care providers through the Department's role in the Vaccines for Children (VFC) Program which provides vaccines at no cost to children who might not otherwise be vaccinated because of inability to pay.

The Environmental Health Division was awarded and achieved the objectives of the Childhood Lead Poisoning Prevention Education and Outreach grant from the Michigan Department of Community Health. Lead poisoning prevention information was provided to constituents in Michigan's Prosperity Region 5 (Arenac, Bay, Clare, Gladwin, Gratiot, Isabella, Midland and Saginaw Counties). Education on recognition and prevention of childhood lead exposure was provided to WIC programs, parent coalitions, day care providers, and Early Head Start/Head Start staff.

## protecting and promoting the public's health since 1928

The Environmental Health Division collected 10,709 pounds of pesticides/herbicides through its Clean Sweep Program from May through October. SCDPH also collected 19,448 pounds of household hazardous waste and 2,242 pounds of mercury bulbs through funding granted by The Dow Chemical Company and the Saginaw County Solid Waste Management Authority. Staff also coordinated the collection and disposal of 2,879 pounds of unwanted medications. More than 17 tons of hazardous waste was diverted from local landfills and waterways.

The Substance Abuse Treatment and Prevention Services Division and Saginaw County Community Mental Health Authority collaborated via a unique two-year contractual arrangement to successfully transition the Health Department's Substance Abuse Coordinating Agency function to the new regional Mid-State Health Network, as required by a recent change in Michigan law.

The Public Health Laboratory fully operationalized its new ColorCODE program, a true random drug screening program that served approximately 350 enrollees referred by Saginaw area courts.

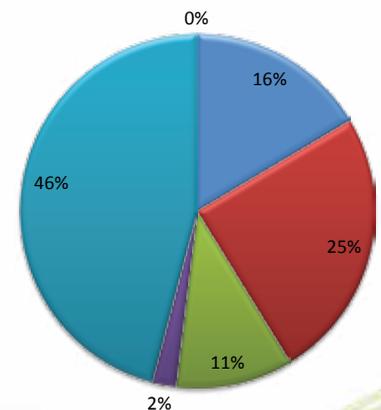
The Hearing and Vision Program screened nearly 25,000 children for hearing and/or vision problems. Over 1,400 possible vision problems and 500 possible hearing issues that impact children's ability to do well in school were detected.

The WIC Program distributed 100% of the 684 Project Fresh Coupon books that were made available to the program during the summer. This distribution translates to \$12,168 invested in the fresh produce of local farmers. In addition to this special project, Saginaw WIC annually infuses over \$3.2 million into the community through its distribution of nutritious food benefits to pregnant and breastfeeding women, infants, and children.

# FINANCIAL STATEMENT

## REVENUES

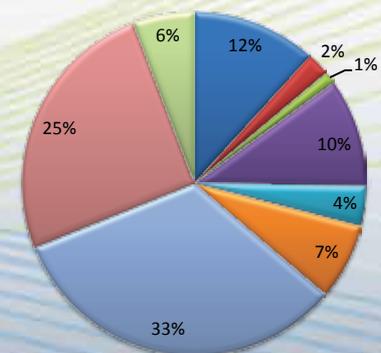
	Fiscal Year		
	2014	2013	2012
State	\$2,277,767	\$1,910,413	\$1,581,160
Federal	\$3,443,744	\$6,046,845	\$6,319,889
Local (County Appropriation)	\$1,474,142	\$1,519,046	\$1,519,046
Other Taxes (PA2 & Tobacco)	\$302,902	\$344,026	\$676,986
Fees & Reimbursements	\$6,365,485	\$4,542,253	\$3,664,389
Fund Balance	\$0	\$355,909	\$339,630
<b>Total Revenues</b>	<b>\$13,864,040</b>	<b>\$14,718,492</b>	<b>\$14,099,100</b>



2014 Revenues

## EXPENDITURES

	Fiscal Year		
	2014	2013	2012
Administration	\$1,625,934	\$1,647,206	\$1,705,511
Dental	\$301,821	\$312,699	\$259,023
Emergency Preparedness	\$157,964	\$176,027	\$153,045
Environmental Health	\$1,416,084	\$2,602,049	\$2,336,113
Health Center Building	\$523,542	\$550,040	\$529,143
Laboratory	\$995,664	\$902,760	\$725,873
Personal & Preventive Health	\$4,533,600	\$4,419,260	\$4,187,002
Substance Abuse	\$3,509,635	\$3,244,408	\$3,370,241
WIC	\$799,796	\$864,043	\$833,149
<b>Total Expenses</b>	<b>\$13,864,040</b>	<b>\$14,718,492</b>	<b>\$14,099,100</b>



2014 Expenditures

## STAFFING

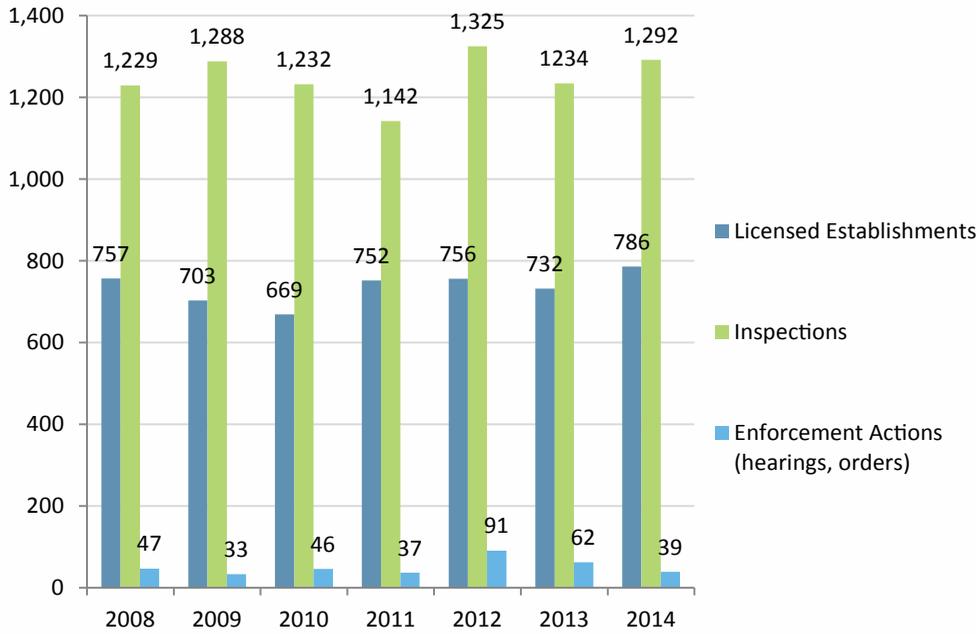
	Fiscal Year		
	2014	2013	2012
Number of Employees	96	96	99

# PROGRAMS & SERVICES

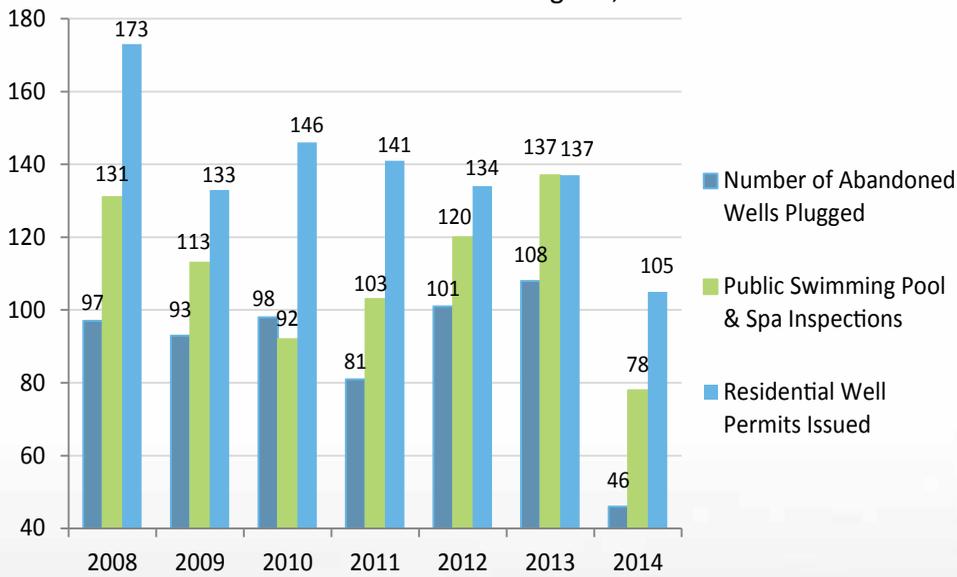
**Environmental Health Services** inspects and assures the safety of a variety of public places from restaurants and swimming pools to private wells and septic systems. Specialized services include lead paint hazard assessment, household hazardous waste collections, pest control, and other disease prevention activities.

	Fiscal Year		
	2014	2013	2012
<b>Food Service Program</b>			
Licensed Establishments	786	732	756
Inspections	1,292	1,234	1,325
Enforcement Actions (hearings, orders)	39	62	91
Temporary Food Licenses	443	455	476
<b>Waste Program</b>			
Sewage System Permits Issued (residential and commercial)	151	149	145
Evaluations (performance/mortgage/preliminary)	34	31	33
Landfill Inspections	31	55	83
Clean Sweep Collections (lbs collected)	8,771	16,749	10,132
Mercury Collections (lbs collected)	3	42	962
Household Special Waste Collections (lbs collected)	19,448	27,188	16,220
Electronic Waste Collections (lbs collected)	0	11,249	25,985
Pharmaceutical Collections (lbs collected)	2,294	n/a	n/a
<b>Water Program</b>			
Residential Well Permits Issued	105	137	134
Number of Abandoned Wells Plugged	46	108	101
Public Swimming Pool & Spa Inspections	78	137	120
<b>Shelter &amp; Indoor Air Quality</b>			
Day Care & Adult Foster Care Inspections	57	68	71
Radon Kits Distributed	816	237	356
Elevated Blood Lead Level Investigations	5	2	12
<b>Education</b>			
Participants (septic installers, food handlers, temporary food vendors)	143	171	162
<b>Healthy Homes and Lead Hazard Control Program</b>			
Applications Received	43	154	141
Risk Assessments Completed	13	131	111
Education (skills training and persons educated)	898	1,931	7,957
<b>Complaint Investigations</b>			
Total Complaints Received	546	359	408

### Environmental Health Food Service Program, FY2008-FY2014



### Environmental Health Water Program, FY2008-FY2014



### Environmental Health Complaint Investigations, FY2008-FY2014





# PROGRAMS & SERVICES

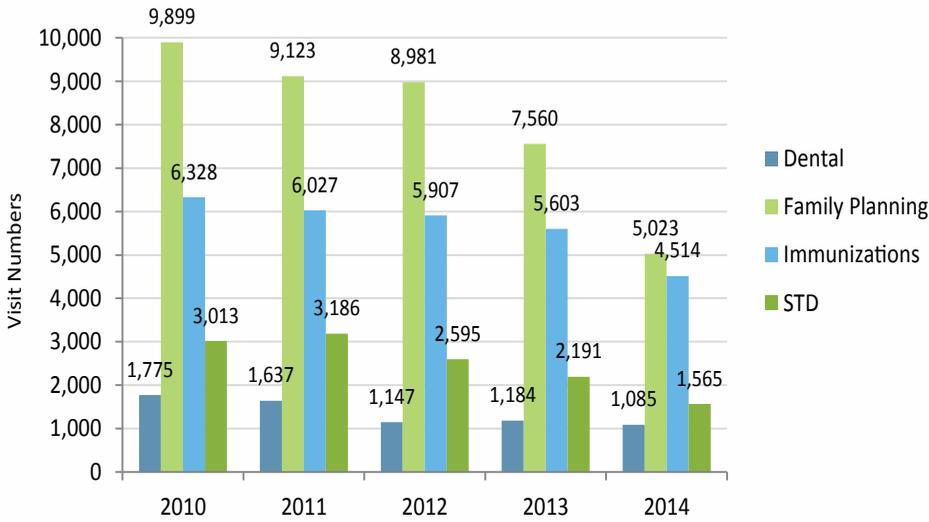
**Personal and Preventive Health Services** provides a wide array of newborn, child, and adult health care services. These include health screenings, communicable disease control, family planning, immunizations, hearing and vision screening, and many other specialized health services for Saginaw County residents.

	Fiscal Year		
<b>Immunization Program</b>	2014	2013	2012
Number of Clinic Visits	4,514	5,603	5,907
Immunizations Administered	7,886	10,165	11,551
County Immunization Coverage Level (children 19-36 months of age)	75%	74%	73%
<b>Family Planning Program</b>			
Number of Clinic Visits	5,023	7,560	8,981
<b>STD/HIV Program</b>			
Number of Clinic Visits (excluding HIV)	1,565	2,191	2,595
Number of HIV Tests Performed	882	1,356	1,411
<b>Hearing and Vision Program</b>			
Number of Children Screened for Hearing	12,680	13,133	13,185
Number of Children Screened for Vision	12,177	11,232	12,897
<b>Nurse-Family Partnership Program</b>			
Number of Visits	908	287	n/a
<b>Communicable Disease Program</b>			
Number of TB Tests Completed	1,184	1,349	1,404
<b>Children's Special Health Care Program</b>			
Average Monthly Enrollment	694	653	669
<b>Children's Dental Program</b>			
Patient Visits	1,085	1,184	1,147

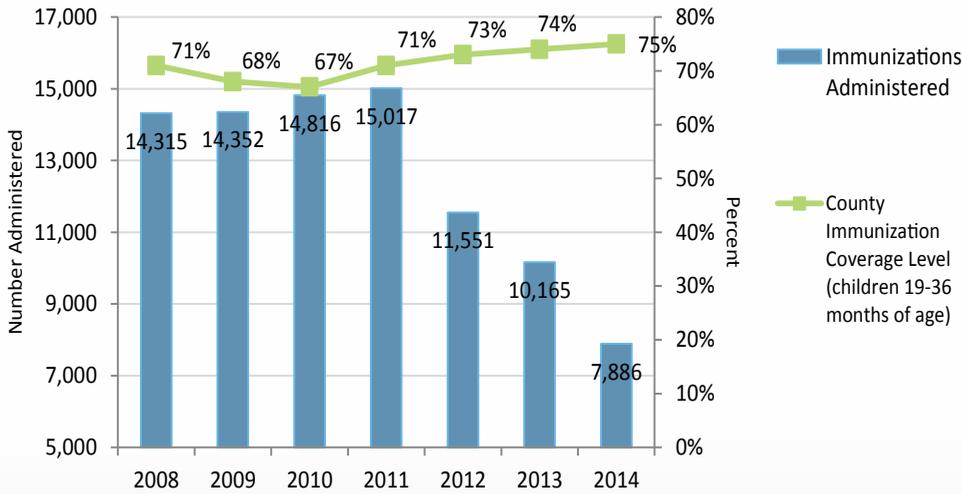
**WIC** provides supplemental foods, nutrition education and counseling to pregnant, postpartum and breastfeeding women, infants, and children 1-5 years of age.

	Fiscal Year		
<b>Average Monthly Enrollment</b>	2014	2013	2012
Pregnant, Breastfeeding, Postpartum Women	1,140	1,169	1,244
Infants 0-11 Months	1,182	1,221	1,279
Children 1-5 Years	2,627	2,716	2,749
<b>Total</b>	<b>4,948</b>	<b>5,106</b>	<b>5,272</b>

Number of Clinic Visits, FY2010-FY2014



Immunizations Administered, FY2008-FY2014



Hearing and Vision Screening, FY2008-FY2014



# PROGRAMS & SERVICES

**Health Promotion and Communications** manages the Department's public information, marketing, and public relations efforts, and coordinates emergency preparedness planning and response.

	Fiscal Year		
	2014	2013	2012
Health Education Outreach Events	41	44	49
Number of People Served	11,420	3,546	5,257
Educational Literature Distributed	7,474	7,151	5,810

Our **Laboratory** is designated as a Michigan Department of Community Health Regional Laboratory and performs a variety of tests for sexually transmitted infections, water quality, and urine drug screening.

Tests Performed	Fiscal Year		
	2014	2013	2012
Microbiology	17,528	19,830	21,048
Serology	1,541	1,265	971
Water	13,949	14,944	14,226
Drugs of Abuse	30,507	13,071	5,371

**Substance Abuse Treatment and Prevention Services** provides coordination, support and referral to a network of treatment and prevention providers.

Treatment Admissions	Fiscal Year		
	2014	2013	2012
Outpatient	771	760	683
Detox	287	311	345
Long-Term Residential	66	88	70
Short-Term Residential	170	172	205
Total Clients Served	1,294	1,331	1,303

# REPORTABLE DISEASES IN SAGINAW COUNTY

Disease Group	Disease	2014	2013	2012	2011	2010
AIDS/HIV	AIDS, Aggregate	2	14	8	4	12
AIDS/HIV	AIDS/HIV Subtotal	2	14	8	4	12
Foodborne	Campylobacter	10	11	8	7	6
Foodborne	Cryptosporidiosis	3	9	10	3	3
Foodborne	Giardiasis	12	7	11	7	2
Foodborne	Norovirus	4	3	0	3	5
Foodborne	Salmonellosis	16	15	17	24	8
Foodborne	Shiga toxin-producing Escherichia coli --(STEC)	2	4	30	3	0
Foodborne	Shigellosis	13	1	0	10	10
Foodborne	Foodborne Subtotal	58	50	76	57	34
Influenza	Flu Like Disease*	8,134	11,188	11,843	12,049	4,484
Influenza	Influenza	70	319	132	20	1
Influenza	Influenza Subtotal	8,204	11,507	11,975	12,069	4,485
Meningitis	Meningitis - Aseptic	7	17	7	20	19
Meningitis	Meningitis - Bacterial Other	5	1	3	5	1
Meningitis	Streptococcus pneumoniae, Inv	9	8	3	4	0
Meningitis	Meningitis Subtotal	21	26	13	29	20
Other	Gastrointestinal Illness*	1,481	4,732	5,532	5,219	1,358
Other	Guillain-Barre Syndrome	0	0	2	2	1
Other	Head Lice*	172	496	539	499	206
Other	Histoplasmosis	3	1	6	1	0
Other	Legionellosis	11	7	4	3	4
Other	Strep Throat*	462	1,119	1,639	2,455	622
Other	Streptococcus pneumoniae, Drug Resistant	0	5	1	0	0
Other	Unusual Outbreak or Occurrence	7	2	1	0	1
Rabies	Animal Bite	84	35	59	70	28
Other	Other Subtotal	2,220	6,397	7,788	8,250	2,222
STD	Chlamydia (Genital)	1,212	1,191	1,238	1,552	1,540
STD	Gonorrhea	334	266	251	202	275
STD	Syphilis - All Forms	7	11	9	5	10
STD	STD Subtotal	1,553	1,468	1,498	1,759	1,828
Tuberculosis	Mycobacterium - Other	2	2	9	8	1
Tuberculosis	Tuberculosis	0	1	1	1	3
Tuberculosis	Tuberculosis Subtotal	2	3	10	9	4
VPD	Chickenpox (Varicella)	0	3	0	12	2
VPD	Pertussis	3	1	0	0	10
VPD	VZ Infection, Unspecified	7	1	7	4	0
VPD	Vaccine Preventive Disease Subtotal	10	5	7	17	12
Viral Hepatitis	Hepatitis A	1	1	3	6	1
Viral Hepatitis	Hepatitis B, Acute	0	0	8	6	3
Viral Hepatitis	Hepatitis B, Chronic	11	21	24	10	30
Viral Hepatitis	Hepatitis C, Chronic	142	150	143	139	123
Viral Hepatitis	Viral Hepatitis Subtotal	154	172	178	163	157

\* denotes there has been change in reporting criteria for this disease

Source: Michigan Disease Surveillance System (MDSS), Report 4: 5 Year History

# SAGINAW COUNTY COMMUNITY HEALTH IMPROVEMENT PLAN 2014-2016



## PLANNING PARTNERS

- Saginaw County Department of Public Health
- Alignment Saginaw
- Covenant HealthCare
- St. Mary's of Michigan
- Health Delivery, Inc.
- Saginaw County Community Mental Health Authority
- Saginaw Intermediate School District
- *the residents of Saginaw County*

## COMMUNITY HEALTH IMPROVEMENT PRIORITIES

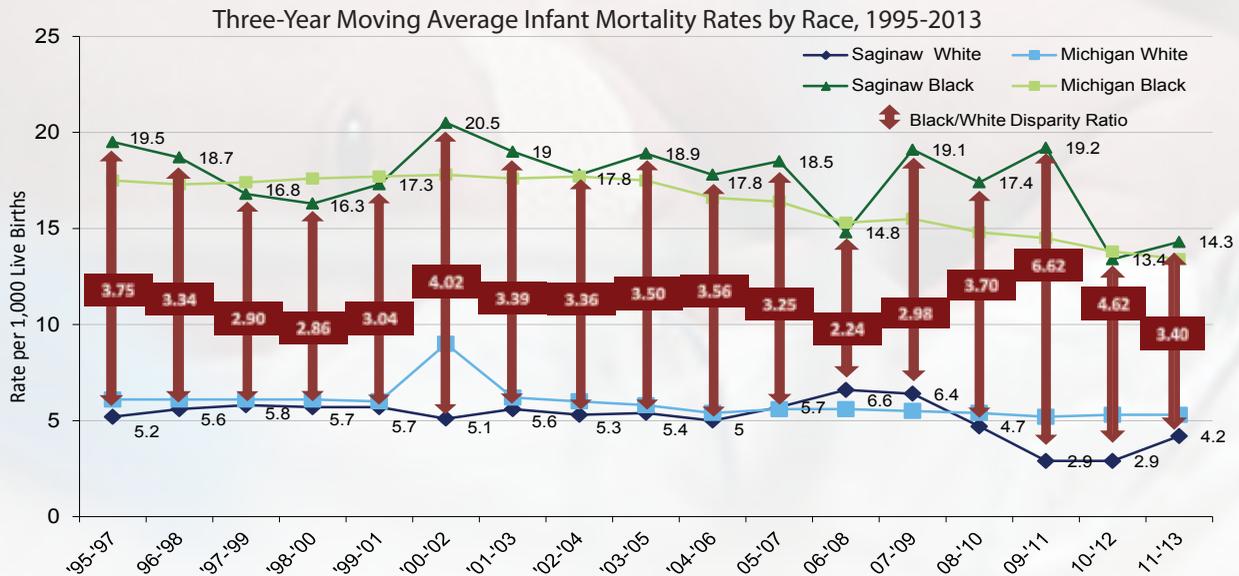
- Infant Mortality
- Obesity
- Behavioral Health (including mental health and substance abuse)
- Chronic Diseases
- Emerging Models of Health Services Delivery

Visit the Publications page at [www.saginawpublichealth.org](http://www.saginawpublichealth.org) to view the 2014 Progress Report

# COMMUNITY HEALTH STATUS ASSESSMENT

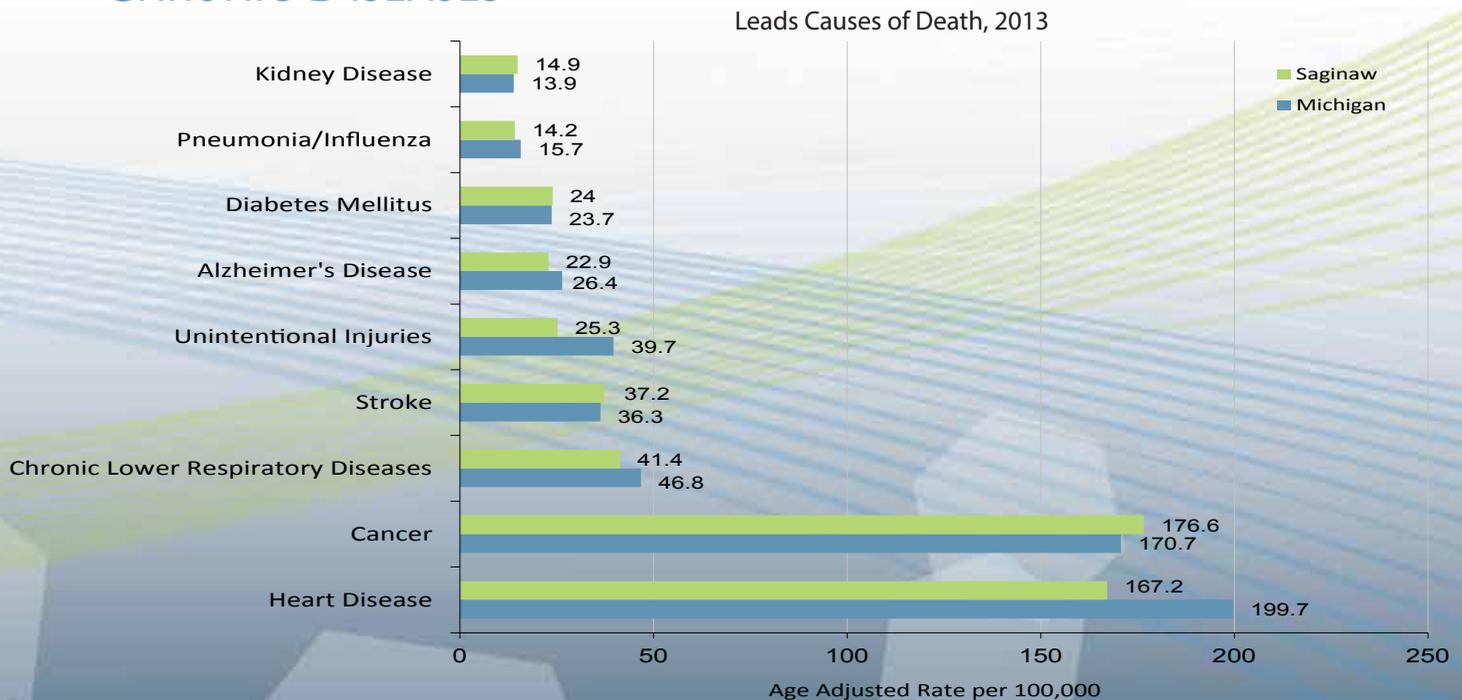
## SELECTED INDICATORS

### INFANT MORTALITY



Source: 2002-2011 Geocoded Michigan Death Certificate Registries; 2012-2013 Michigan Death Certificate Registries. 2002-2013 Geocoded Michigan Birth Certificates Registries, Division of Vital Records & Health Statistics, Michigan Department of Community Health

### CHRONIC DISEASES

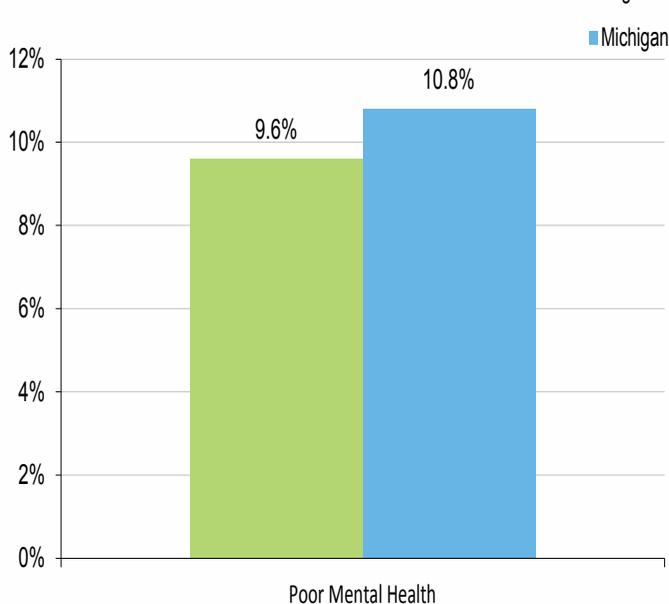


Source: 2013 Michigan Death Certificate Registry. Division of Vital Records & Health Statistics, Michigan Department of Community Health

# COMMUNITY HEALTH STATUS ASSESSMENT SELECTED INDICATORS

## BEHAVIORAL HEALTH

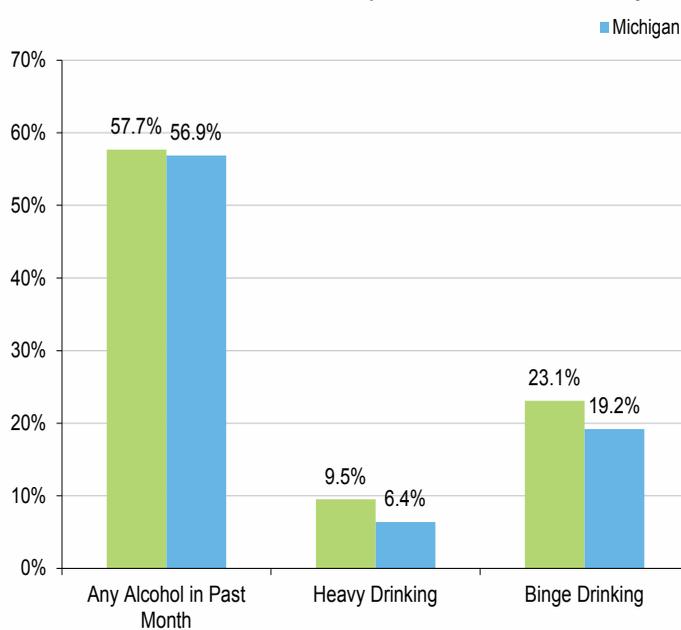
Poor Mental Health, 2011-2013



Description: The proportion of adults who reported 14 or more days, out of the previous 30, on which their mental health was not good, which includes stress, depression, and problems with emotions.

Source: 2011-2013 Michigan Behavioral Risk Factor Survey Regional & Local Health Department Estimates

Alcohol Consumption, 2011-2013



Description: Binge (consuming 4 (women) or 5 (men) alcoholic beverages on a single occasion in the past 30 days) plus heavy (drinking more than one (women) or 2 (men) drinks per day on average) drinking

Source: 2011-2013 Michigan Behavioral Risk Factor Survey Regional & Local Health Department Estimates

Cigarette Smoking, 2011-2013

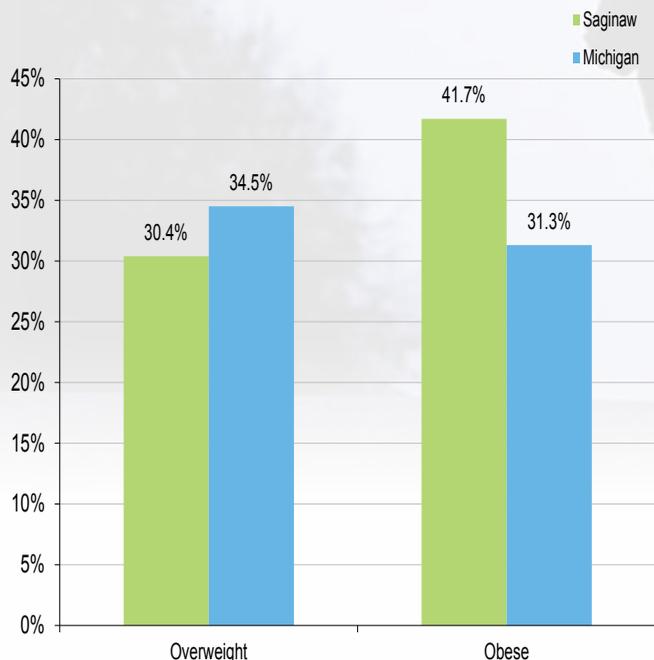


Description: Current Smoker = the proportion of adults who reported that they had ever smoked at least 100 cigarettes in their life and that they smoke cigarettes now, either every day or on some days. Former Smoker = the proportion of adults who reported that they had ever smoked at least 100 cigarettes in their life, but they do not smoke cigarettes now.

Source: 2011-2013 Michigan Behavioral Risk Factor Survey Regional & Local Health Department Estimates

# OBSIDITY

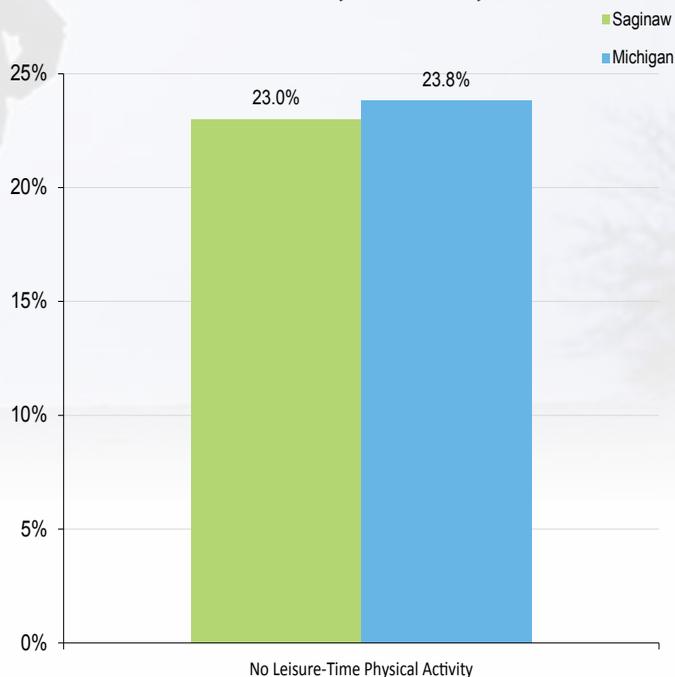
Weight Status, 2011-2013



Description: Overweight = the proportion of adults whose Body Mass Index (BMI)  $\geq 25$ , but  $< 30$ . Obese = the proportion of adults whose BMI  $\geq 30$ .

Source: 2011-2013 Michigan Behavioral Risk Factor Survey Regional & Local Health Department Estimates

No Leisure-Time Physical Activity, 2011-2013

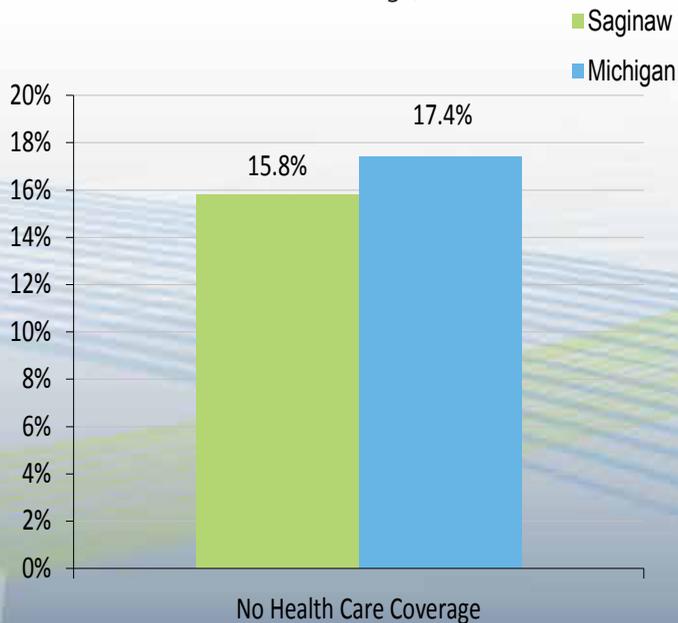


Description: No Leisure-Time Physical Activity = the proportion of adults who reported no participation in any leisure-time physical activities or exercise during the past month.

Source: 2011-2013 Michigan Behavioral Risk Factor Survey Regional & Local Health Department Estimates

# EMERGING MODELS OF HEALTH SERVICES DELIVERY

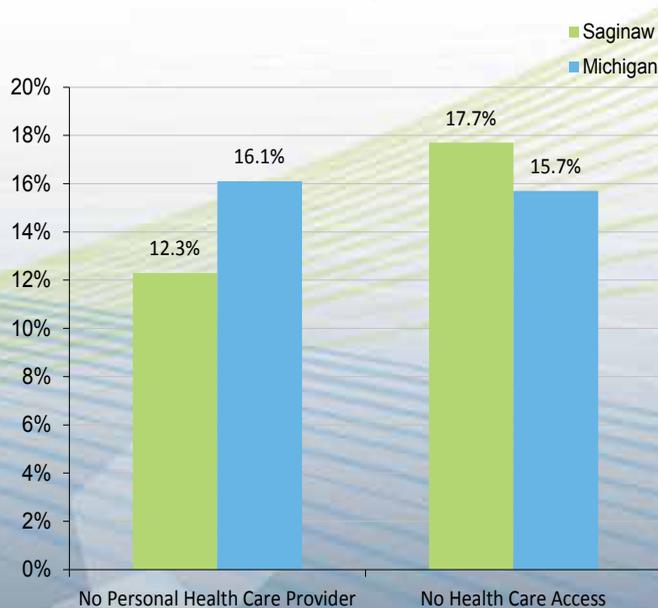
No Health Care Coverage, 2011-2013



Description: Among adults aged 18-64 years, the proportion who reported no health care coverage, including health insurance.

Source: 2011-2013 Michigan Behavioral Risk Factor Survey Regional & Local Health Department Estimates

Health Care Access, 2011-2013



Description: The proportion of adults who reported no personal doctor or health care provider, and the proportion of adults who reported in the past 12 months a time when they needed to see a doctor but could not due to cost.

Source: 2011-2013 Michigan Behavioral Risk Factor Survey Regional & Local Health Department Estimates

# Locations

[www.saginawpublichealth.org](http://www.saginawpublichealth.org)

John D. McKellar, M.P.A. - Health Officer

Russell L. Bush, M.D., M.P.H. - Medical Director

## SAGINAW

Bennie T. Woodard, Jr. Public Health Center

1600 N. Michigan Avenue

Saginaw, MI 48602

989.758.3800

## BIRCH RUN

Edward McNamara Health Center

8425 Main Street

Birch Run, MI 48415

989.624.9664

## CHESANING

Rehmann Health Center

147 S. Saginaw Street

Chesaning, MI 48616

989.845.3911

## FRANKENMUTH

Covenant HealthCare Building

600 N. Main Street

Frankenmuth, MI 48734

989.758.3840

## HEMLOCK

Covenant HealthCare Building

16440 Gratiot Road

Hemlock, MI 48624

989.758.3840

## ST. CHARLES

St. Charles Health Center

120 N. Vine Street

St. Charles, MI 48655

989.865.9400

