

2015 ANNUAL REPORT

Be wise. Be well.



**SAGINAW COUNTY
DEPARTMENT OF PUBLIC HEALTH**

protecting and promoting the public's health since 1928

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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 2015 Annual Report highlighting the activities and services of your Saginaw County Department of Public Health. Looking back, 2015 was a year of continued dedication to our important population-focused responsibility to provide the essential protection and prevention services mandated by the Michigan Public Health Code. We continue to provide these services under the designation of Accredited with Commendation by the Michigan Local Public Health Accreditation Commission.

We bid farewell at the close of this fiscal year to some service lines not statutorily required. Our role as the Substance Abuse Coordinating Agency for Saginaw County ended due to legislation that required transfer of this function and fund balance to a new 21-county regional mental health managed care organization. And our dental program was closed due to budget constraints.

These changes exemplify two trends impacting local public health services in our county and state. The trend toward "regionalization" encouraged us this year to explore cross-jurisdictional sharing opportunities with neighboring health departments. The development of shared environmental health GIS mapping software is the initial outcome of this effort. Further opportunities continue to be explored.

The trend in changing financing for public health services has been impacted by greater levels of insurance coverage and provider choices for residents, necessitating that Saginaw County make difficult decisions about where to allocate limited general fund tax dollars to support services. Legally mandated services are an important priority.

Looking forward, the mission of the SCDPH is by necessity shared with collaborative partners throughout the County and region. The work is too great and too important for just a single agency. Therefore, we remain committed to continued engagement with our Saginaw County Community Health Improvement Plan (CHIP) partners, both in the ongoing work of the Steering Committee and the priority Action Groups, as we prepare together to update the triennial Community Health Needs Assessment in the coming year.

We also look forward to continuing our departmental journey begun this year on a path of performance management and performance improvement. We've chosen as our initial focus performance measures around assuring a work environment that is fully supportive of a competent workforce. This is critical to our ongoing capacity to respond to emerging public health issues like those depicted on the front cover of this report.

We remain guided by our vision "to be a valued leader, partner and service provider..." 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.H.
Health Officer
989.758.3818
jmckellar@saginawcounty.com



Public Health
Prevent. Promote. Protect.

HIGHLIGHTS 2015

National Public Health Week was recognized in April with an all-staff training event and Point of Dispensing (POD) exercise at the Dow Event Center. Health Department staff practiced roles and scenarios involved in mass distribution of medication to County residents in the event of a public health emergency.

Ebola and related special pathogen response planning demanded our attention this year, including the monitoring of travelers to Saginaw from affected countries.

Seasonal **environmental health protection** activities this summer included Household Hazardous Waste Collection events held in collaboration with Mid Michigan Waste Authority at their new Community Resource Recovery Center through funding provided by the Saginaw County Solid Waste Management Authority and The Dow Chemical Company. 52 tons of hazardous waste was diverted from local landfills and waterways.

In compliance with a new State rule that local health departments must counsel parents and sign-off on any **immunization waiver requests**, Immunization Program staff provided family education and authorized waivers for 166 students.

The Health Department was awarded **competitive grants** from the Michigan Department of Health and Human Services (MDHHS) to support billing enhancements for immunization services (\$20,000) and promote infant safe sleep (\$22,500).

The SCDPH joined with neighboring health departments in Michigan Prosperity Region 5 (Saginaw, Midland, Bay and Gratiot counties) in sharing a \$25,000 incentive grant from the MDHHS to explore opportunities for **cross-jurisdictional sharing** of resources. Outcome was the development of new regional GIS mapping software for use by our environmental health staffs.

An incentive payment of \$42,500 was secured from the Centers for Medicare and Medicaid Services for demonstrating **“meaningful use” of electronic health records**.

The Health Department remained actively engaged with the **Saginaw County Community Health Improvement Plan (CHIP)** Steering Committee and Action Groups to help coordinate health improvement activities county-wide in the focus areas of **infant mortality, obesity, behavioral health, chronic disease, emerging models of health services delivery, and health and social equity**. Visit www.saginawpublichealth.org to view the 2014-2016 Plan and progress reports.

Through continued work with CHIP Action Group partners, the SCDPH played a role in bringing grant funding to Saginaw this year for implementation of the **Children’s Healthcare Access Program (CHAP)** to provide navigation, care coordination and transportation for families.

Through ongoing regional work with the Michigan Health Improvement Alliance (MiHIA), the SCDPH also played a role in bringing grant funding to Saginaw for implementation of the **CDC’s Million Hearts initiative** to reduce hypertension among county residents.

Program closures at the end of the 2015 fiscal year included the closing of the Health Department’s Substance Abuse Services Division (transfer of coordinating agency function to regional mental health entity now complete as required by State law), as well as the closing of the Dental Services Program due to budget constraints.

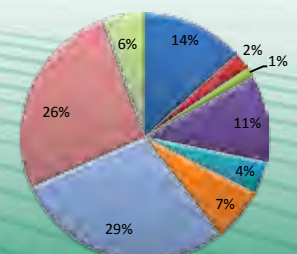
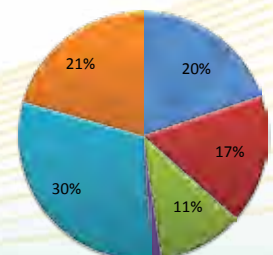
FINANCES

REVENUES

	Fiscal Year		
	2015	2014	2013
State	\$2,523,629	\$2,277,767	\$1,910,413
Federal	\$2,135,460	\$3,443,744	\$6,046,845
Local (County Appropriation)	\$1,399,357	\$1,474,142	\$1,519,046
Other Taxes (PA2 & Tobacco)	\$173,753	\$302,902	\$344,026
Fees & Reimbursements	\$3,871,163	\$6,365,485	\$4,542,253
Fund Balance	\$2,618,454	\$0	\$355,909
Total Revenues	\$12,721,816	\$13,864,040	\$14,718,492

EXPENDITURES

	Fiscal Year		
	2015	2014	2013
Administration	\$1,700,018	\$1,625,934	\$1,647,206
Dental	\$294,173	\$301,821	\$312,699
Emergency Preparedness	\$158,610	\$157,964	\$176,027
Environmental Health	\$1,444,822	\$1,416,084	\$2,602,049
Health Center Building	\$538,555	\$523,542	\$550,040
Laboratory	\$910,491	\$995,664	\$902,760
Personal & Preventive Health	\$3,647,214	\$4,533,600	\$4,419,260
Substance Abuse	\$3,326,921	\$3,509,635	\$3,244,408
WIC	\$701,012	\$799,796	\$864,043
Total Expenses	\$12,721,816	\$13,864,040	\$14,718,492



PROGRAMS & SERVICES

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

	Fiscal Year		
	2015	2014	2013
Food Service Program			
Licensed Establishments (fixed, mobile, STFU, and vending locations)	719	786	732
Inspections	1,298	1,292	1,234
Enforcement Actions (hearings, orders)	32	39	62
Temporary Food Licenses	425	443	455
Waste Program			
Sewage System Permits Issued (residential and commercial)	168	151	149
Evaluations (performance/mortgage/preliminary)	30	34	31
Landfill Inspections	56	31	55
Clean Sweep Collections (lbs collected)	10,600	8,771	16,749
Mercury Collections (lbs collected)	392	3	42
Household Special Waste Collections (lbs collected)	80,283	19,448	27,188
Electronic Waste Collections (lbs collected)	0	0	11,249
Pharmaceutical Collections (lbs collected)	2,885	2,294	n/a
Water Program			
Residential Well Permits Issued	127	105	137
Number of Abandoned Wells Plugged	65	46	108
Public Swimming Pool & Spa Inspections	149	78	137
Shelter & Indoor Air Quality			
Day Care & Adult Foster Care Inspections	47	57	68
Radon Kits Distributed	304	816	237
Elevated Blood Lead Level Investigations	1	5	2
Education			
Participants (septic installers, food handlers, temporary food vendors)	125	143	171
Complaint Investigations			
Total Complaints Received	220	546	359

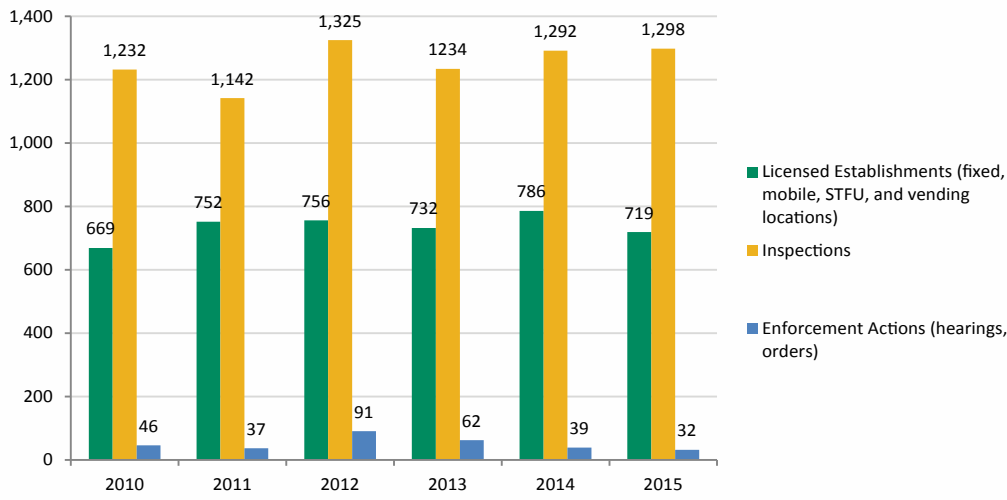
Laboratory Services performs a variety of tests for water quality, urine drug screening and sexually transmitted infections.

	Fiscal Year		
	2015	2014	2013
Tests Performed			
Microbiology	14,585	17,528	19,830
Serology	1,753	1,541	1,265
Water	14,704	13,949	14,944
Drugs of Abuse	20,883	30,507	13,071

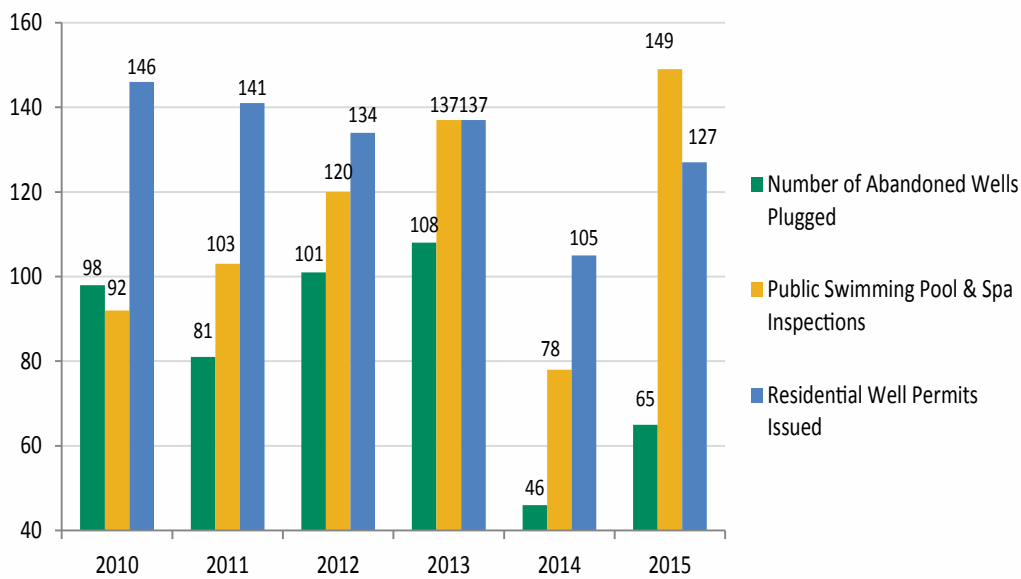
Health Promotion and Communications manages the Department's public information, marketing, and public relations efforts, and coordinates emergency preparedness planning and response.

	Fiscal Year		
	2015	2014	2013
Health Education Outreach Events	13	41	44
Number of People Served	12,220	11,420	3,546
Educational Literature Distributed	2,242	7,474	7,151

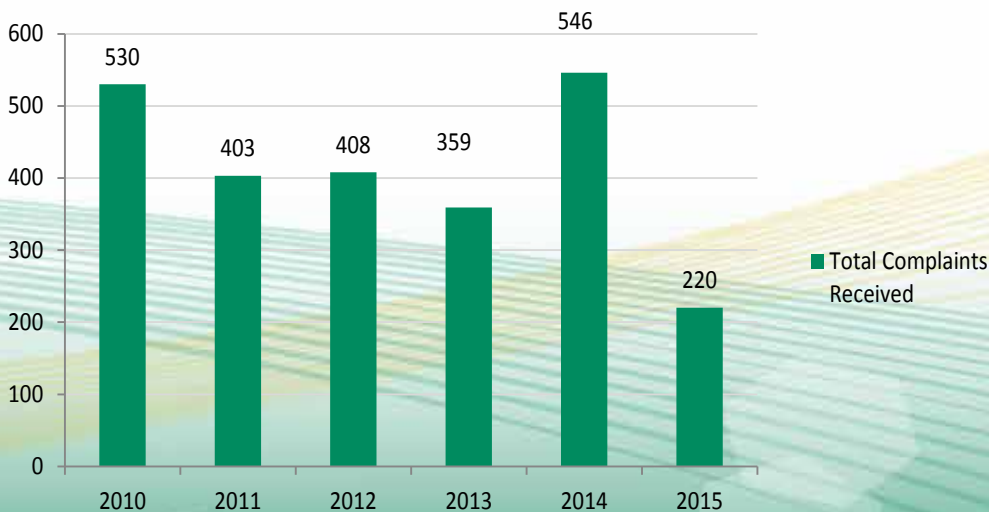
Environmental Health Food Service Program, FY2010-2015



Environmental Health Water Program, FY2010-2015



Environmental Health Complaint Investigations, FY2010-2015



PROGRAMS & SERVICES

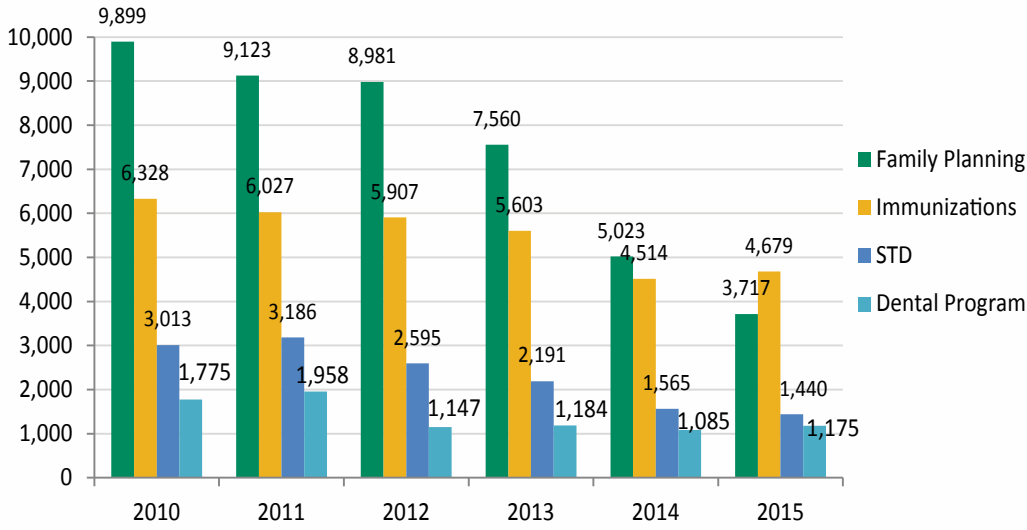
Personal and Preventive Health Services provides a wide array of newborn, child, and adult health care services. These include health screenings, communicable disease control, family planning, immunizations, hearing and vision screening, nutrition education and counseling, and many other specialized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

	Fiscal Year		
	2015	2014	2013
Immunization Program			
Number of Clinic Visits	4,679	4,514	5,603
Immunizations Administered	8,121	7,886	10,165
County Immunization Coverage Level (children 19-36 months of age)	75%	75%	74%
Family Planning Program			
Number of Clinic Visits	3,717	5,023	7,560
STD/HIV Program			
Number of Clinic Visits (excluding HIV)	1,440	1,565	2,191
Number of HIV Tests Performed	947	882	1,356
Hearing and Vision Program			
Number of Children Screened for Hearing	12,017	12,680	13,133
Number of Children Screened for Vision	11,894	12,177	11,232
Nurse-Family Partnership Program			
Number of Visits	1,077	908	287
Communicable Disease Program			
Number of TB Tests Completed	1,276	1,184	1,349
Children's Special Health Care Program			
Average Monthly Enrollment	677	694	653
Women Infants & Children (WIC) Supplemental Nutrition Program			
Average Monthly Enrollment	4,822	4,948	5,106
Children's Special Health Care Program			
Average Monthly Enrollment	677	694	653
Dental Program			
Patient Visits	1,175	1,085	1,184

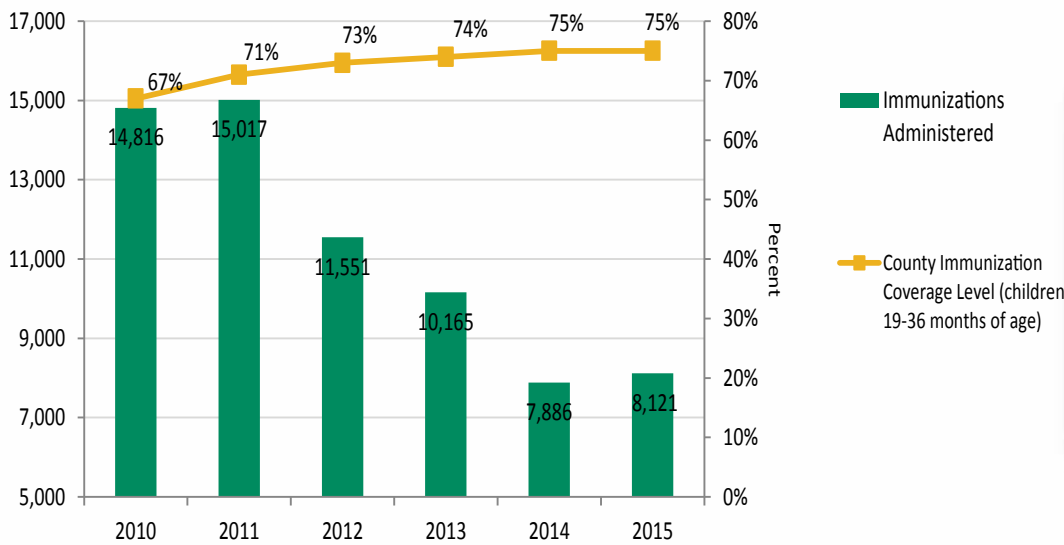
Substance Abuse Treatment and Prevention Services provides coordination, support and referral to a network of treatment and prevention providers.

	Fiscal Year		
	2015	2014	2013
Treatment Admissions			
Outpatient	871	771	760
Detox	295	287	311
Long-Term Residential	104	66	88
Short-Term Residential	222	170	172
Total Clients Served	1,492	1,294	1,331

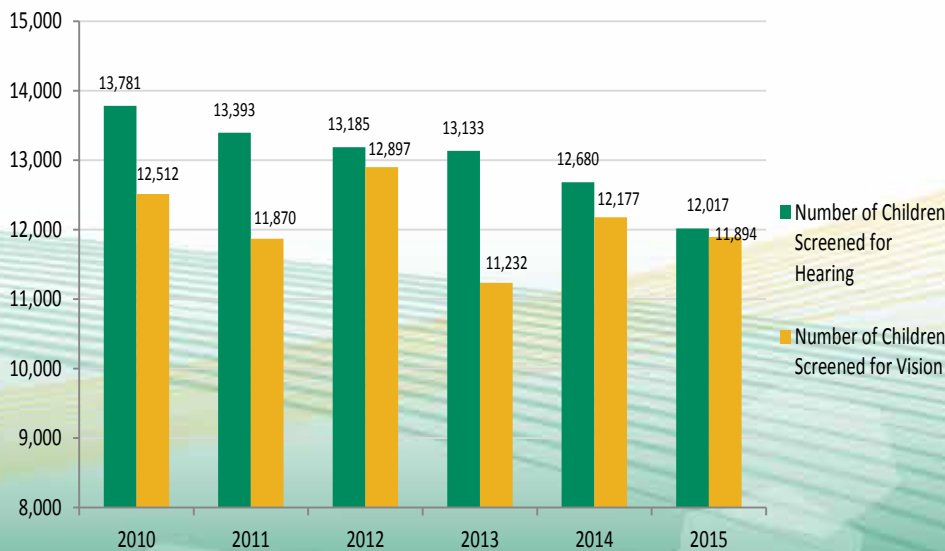
Clinic Visits, FY2010-2015



Immunizations Administered, FY2010-2015



Hearing and Vision Screenings, FY2010-2015

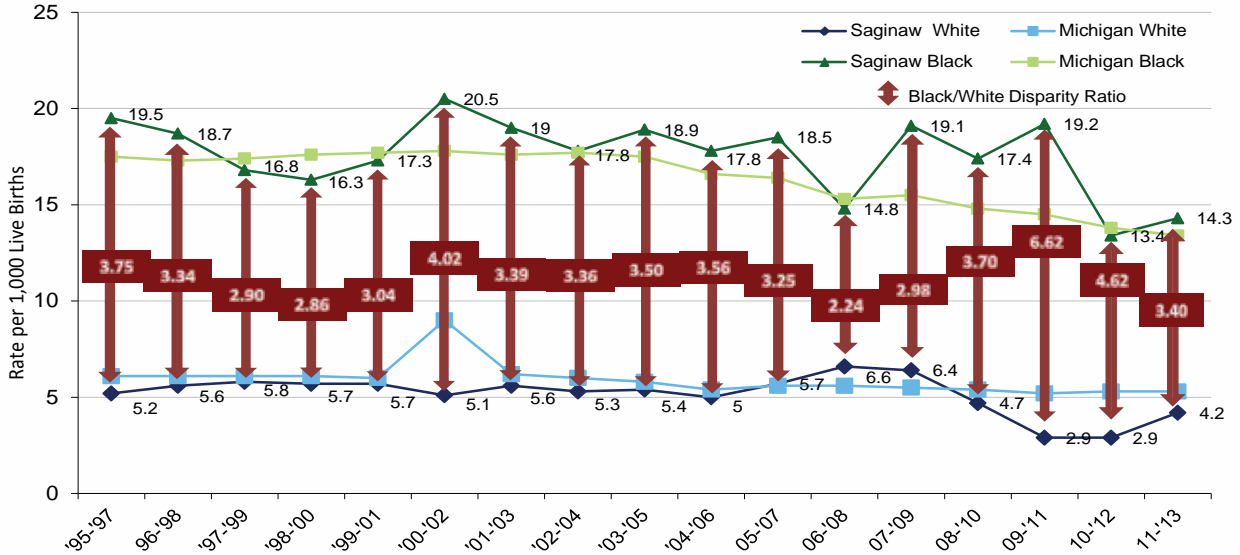


COMMUNITY HEALTH IMPROVEMENT PLAN PRIORITIES

SELECTED INDICATORS

INFANT MORTALITY

Three-Year Moving Average Infant Mortality Rates by Race, 1995-2013



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 Health & Human Services

CHRONIC DISEASES

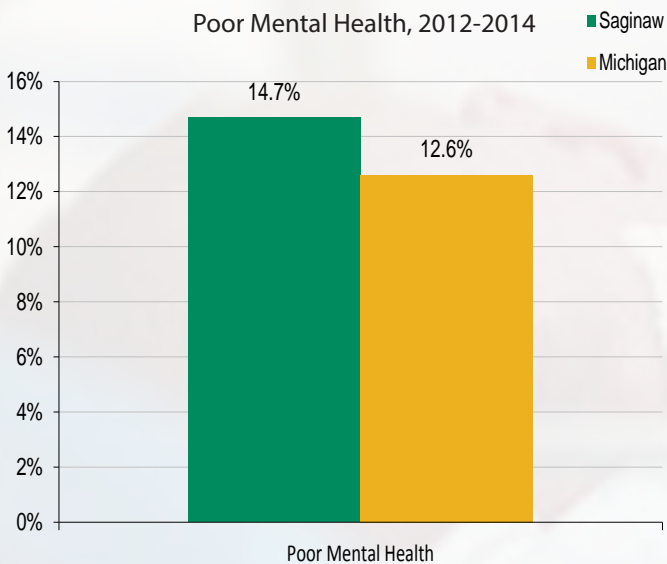
Leading Causes of Death, 2014



Source: 2014 Michigan Death Certificate Registry. Division of Vital Records & Health Statistics, Michigan Department of Health & Human Services

BEHAVIORAL HEALTH

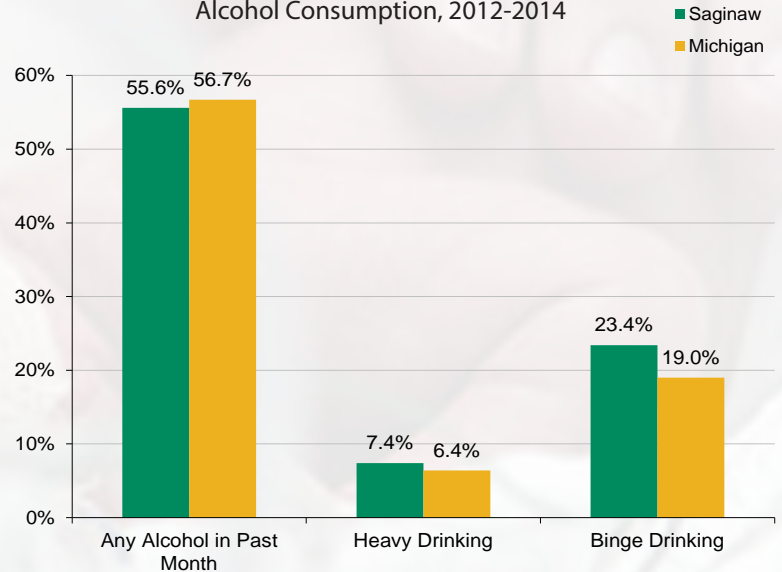
Poor Mental Health, 2012-2014



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: 2012-2014 Michigan Behavioral Risk Factor Survey Regional & Local Health Department Estimates

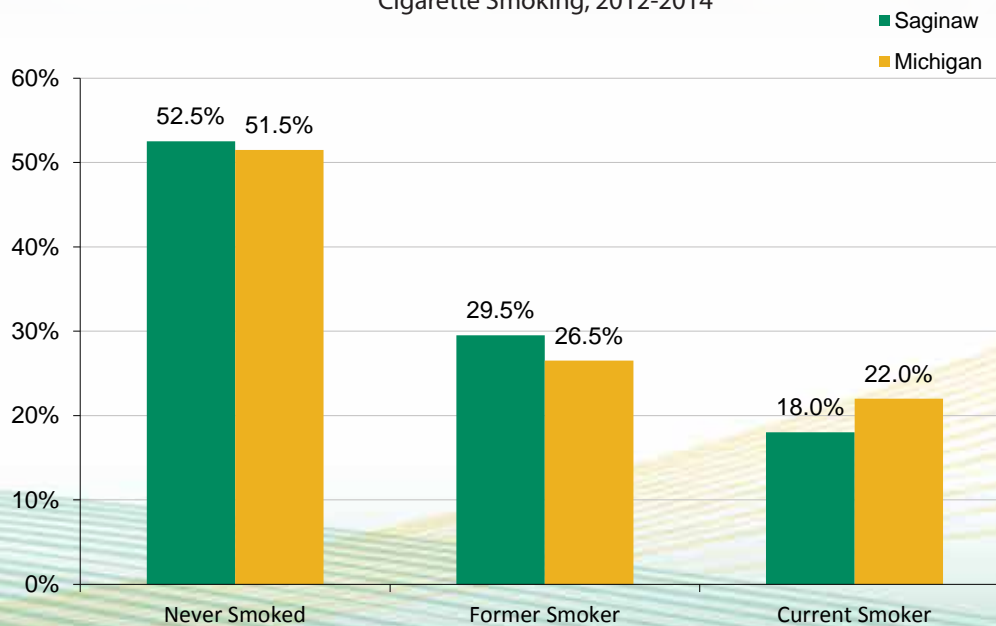
Alcohol Consumption, 2012-2014



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: 2012-2014 Michigan Behavioral Risk Factor Survey Regional & Local Health Department Estimates

Cigarette Smoking, 2012-2014

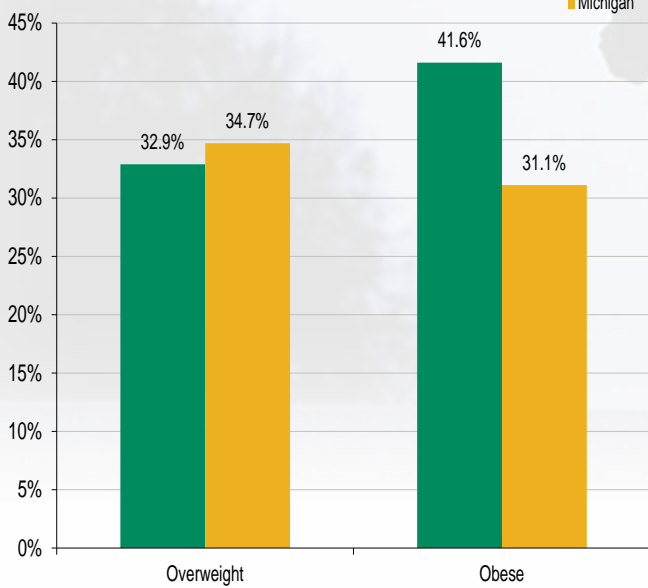


Description: Current Smoker = the proportion of adults who reported that they had ever smoked at least 100 cigarettes in their life and that they smoke cigarettes now, either every day or on some days. Former Smoker = the proportion of adults who reported that they had ever smoked at least 100 cigarettes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

Source: 2012-2014 Michigan Behavioral Risk Factor Survey Regional & Local Health Department Estimates

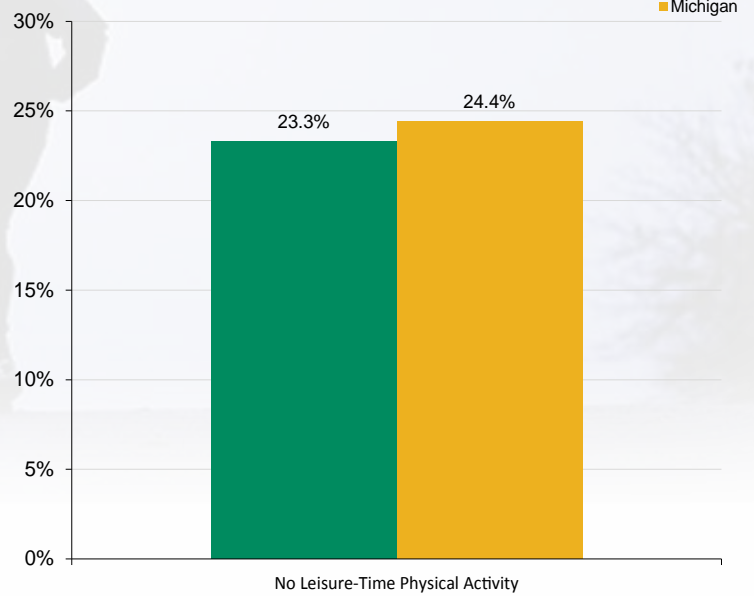
OBESITY

Weight Status, 2012-2014



Description: Overweight = the proportion of adults whose Body Mass Index (BMI) ≥ 25 , but < 30 . Obese = the proportion of adults whose BMI ≥ 30 .
 Source: 2012-2014 Michigan Behavioral Risk Factor Survey Regional & Local Health Department Estimates

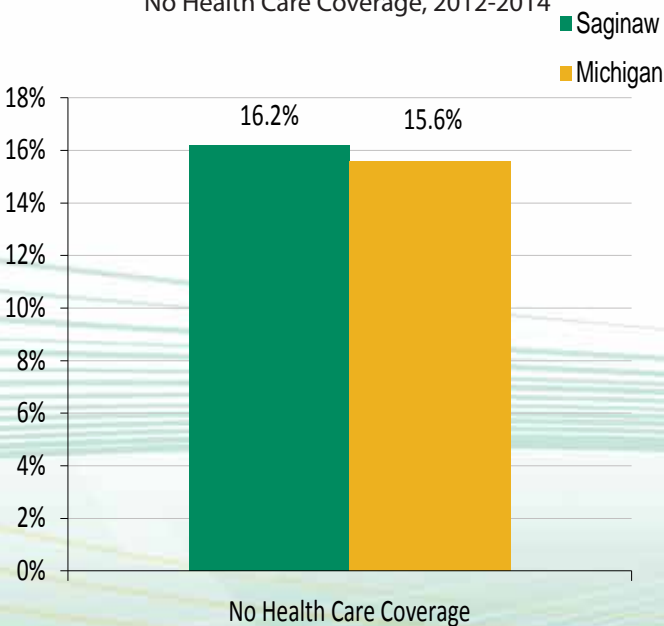
No Leisure-Time Physical Activity, 2012-2014



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: 2012-2014 Michigan Behavioral Risk Factor Survey Regional & Local Health Department Estimates

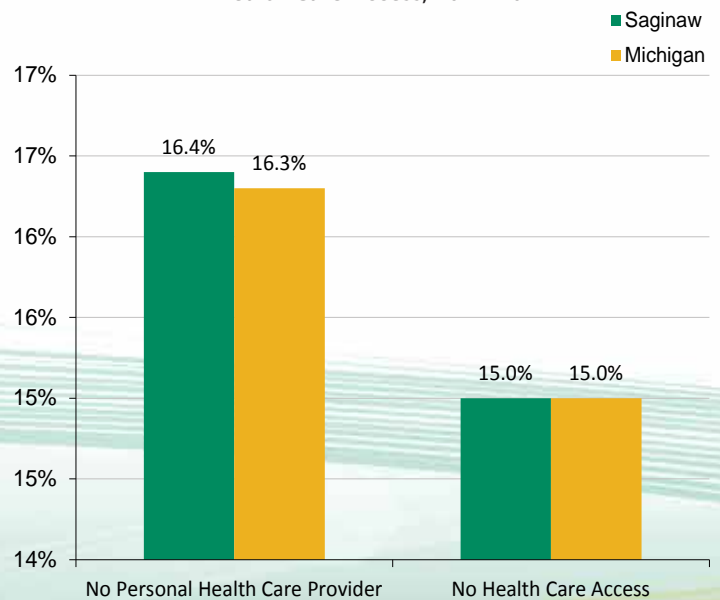
EMERGING MODELS OF HEALTH SERVICES DELIVERY

No Health Care Coverage, 2012-2014



Description: Among adults aged 18-64 years, the proportion who reported no health care coverage, including health insurance.
 Source: 2012-2014 Michigan Behavioral Risk Factor Survey Regional & Local Health Department Estimates

Health Care Access, 2012-2014



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: 2012-2014 Michigan Behavioral Risk Factor Survey Regional & Local Health Department Estimates

REPORTABLE DISEASES IN SAGINAW COUNTY

Disease Group	Disease	2015	2014	2013	2012	2011
AIDS/HIV	AIDS, Aggregate	0	2	14	8	4
AIDS/HIV	AIDS/HIV Subtotal	0	2	14	8	4
Foodborne	Campylobacter	12	10	11	8	7
Foodborne	Cryptosporidiosis	8	3	9	10	3
Foodborne	Giardiasis	4	12	7	11	7
Foodborne	Norovirus	62	4	3	0	3
Foodborne	Salmonellosis	16	16	15	17	24
Foodborne	Shiga toxin-producing Escherichia coli --(STEC)	3	2	4	30	3
Foodborne	Shigellosis	6	13	1	0	10
Foodborne	Foodborne Subtotal	111	58	50	76	57
Influenza	Flu Like Disease*	6,342	8,134	11,319	11,843	12,049
Influenza	Influenza	52	72	319	132	20
Influenza	Influenza Subtotal	6,394	8,206	11,638	11,975	12,069
Meningitis	Meningitis - Aseptic	19	7	17	7	20
Meningitis	Meningitis - Bacterial Other	5	5	1	3	5
Meningitis	Streptococcus pneumoniae	24	9	8	3	4
Meningitis	Meningitis Subtotal	48	21	26	13	29
Other	Gastrointestinal Illness*	3,617	1,481	4,732	5,532	5,219
Other	Guillain-Barre Syndrome	1	0	0	2	2
Other	Head Lice*	254	172	496	539	499
Other	Histoplasmosis	13	3	1	6	1
Other	Legionellosis	8	11	7	4	3
Other	Strep Throat*	359	462	1,119	1,639	2,455
Other	Streptococcus pneumoniae, Drug Resistant	0	0	5	1	0
Other	Unusual Outbreak or Occurrence	11	7	2	1	0
Rabies	Animal Bite	110	84	35	59	70
Other	Other Subtotal	4,373	2,220	6,397	7,788	8,250
STD	Chlamydia (Genital)	1,256	1,211	1,191	1,239	1,550
STD	Gonorrhea	357	333	269	251	202
STD	Syphilis - All Forms	7	7	11	9	5
STD	STD Subtotal	1,620	1,551	1,471	1,499	1,757
Tuberculosis	Mycobacterium - Other	7	5	2	9	8
Tuberculosis	Tuberculosis	3	0	1	1	1
Tuberculosis	Tuberculosis Subtotal	10	5	3	10	9
VPD	Chickenpox (Varicella)	1	0	3	0	12
VPD	Pertussis	4	3	1	0	0
VPD	Varicella-Zoster Infection, Unspecified	7	8	1	7	4
VPD	Vaccine Preventive Disease Subtotal	12	11	5	7	17
Viral Hepatitis	Hepatitis A	3	1	1	3	6
Viral Hepatitis	Hepatitis B, Acute	1	0	0	6	6
Viral Hepatitis	Hepatitis B, Chronic	15	11	20	24	10
Viral Hepatitis	Hepatitis C, Chronic	86	153	153	143	145
Viral Hepatitis	Viral Hepatitis Subtotal	105	165	174	176	167

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

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



www.SaginawPublicHealth.org

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

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

Mission/Vision

MISSION

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

VISION

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

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 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.

VALUES

Accountability

Dedication

Diversity

Excellence

Integrity

Respect

Teamwork

Locations

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

