

2009 ANNUAL REPORT



SAGINAW COUNTY DEPARTMENT OF PUBLIC HEALTH.....



protecting and promoting the public's health since 1928



SCDPH MISSION AND VISION

■ **Mission** - *Our commitment is to protect and promote the public's health and well-being.*

■ **Vision** - *To be a recognized leader providing health resources and quality services to our diverse community through innovation and dedication.*

■ **Vision Priorities**

- *We will make a measurable impact in improving the health of our community.*
- *We will promote health equity throughout our community.*
- *We will establish a customer-focused culture.*
- *We will promote awareness of our department and our services in the community.*
- *We will partner with other community organizations.*
- *We will be good stewards of our financial resources and explore ways to secure funding.*
- *We will create an environment that values and respects employees.*
- *We will improve our internal communication.*
- *We will utilize and upgrade technology.*

■ **Guiding Principles and Values**

- | | |
|--|------------------|
| ■ Collaboration
(Internal and External) | ■ Excellence |
| ■ Respect | ■ Accountability |
| ■ Diversity | ■ Commitment |

Acting Health Officer

Bryant J Wilke

**BOARD OF
COMMISSIONERS**

Michael P. O'Hare , Chair
Timothy M. Novak, Vice Chair
Bregitte K. Braddock
Ann M. Doyle
Eddie F. Foxx
James M. Graham
Cheryl M. Hadsall
Michael J. Hanley
Dennis H. Krafft
Judith A. Lincoln
John A. McColgan, Jr.
Carl E. Ruth
Ronald L. Sholtz
Robert 'Moe' Woods, Jr.
Patrick A. Wurtzel

BOARD OF HEALTH

Gene Nuckolls, Chair
Deb Kestner, Vice Chair
Lou Budd, Secretary
Dr. Charles E. Mueller,
Medical representative
Barb Kemp-Lauria
Calvin Williams
Timothy Novak
Dr. Neill Varner,
SCDPH Medical Director

Dear Citizens of Saginaw County,

On behalf of the Saginaw County Department of Public Health (SCDPH), I am pleased to present the Annual Report for 2009. We continued throughout the year to provide service delivery despite the challenges faced with budget concerns. This endeavor reveals our commitment in our community's well-being.



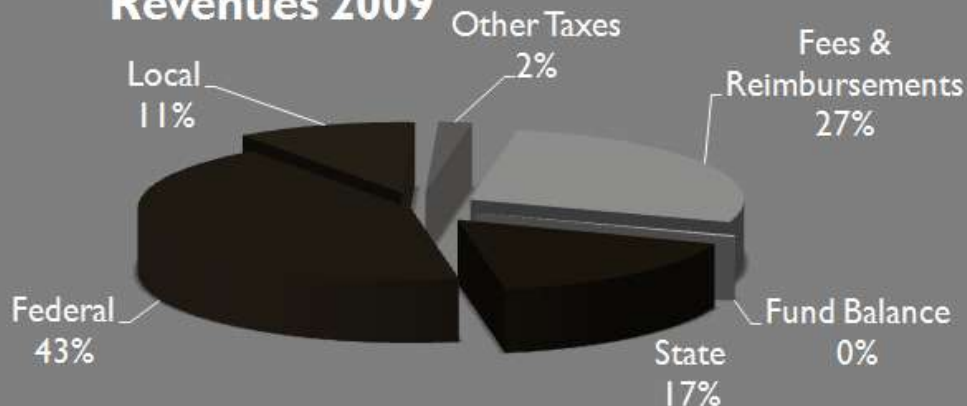
The department is the second oldest health department in the State of Michigan, founded in 1928. It is made up of seven service divisions including Administration, Health Promotion and Communications, Laboratory, Environmental Health, Personal and Preventive Health, Woman Infants and Children (WIC), and Substance Abuse Treatment and Prevention. We continue to provide satellite clinics with locations in Birch Run, Chesaning, Frankenmuth, Hemlock/Merrill, and St. Charles.

In 2009, SCDPH continued to organize around the previous years efforts to evolve a comprehensive community assessment process. As we move forward with this process we continue to grow and collect valuable data on our community's health status and needs. Procuring federal and state dollars has forced health care delivery to seek evidence (data) of community needs and we have adapted and prepared the department to do so.

As we progress into the future, we hope that you join our efforts in continuing to make Saginaw County a healthier place to live. I can't go with out emphasizing the value of our staff in making what we do each day the best service for our community. Our dedicated staff continues to provide outstanding services throughout our community, and in keeping with our mission, their primary focus is "our well-being".

SCDPH Financials 2009

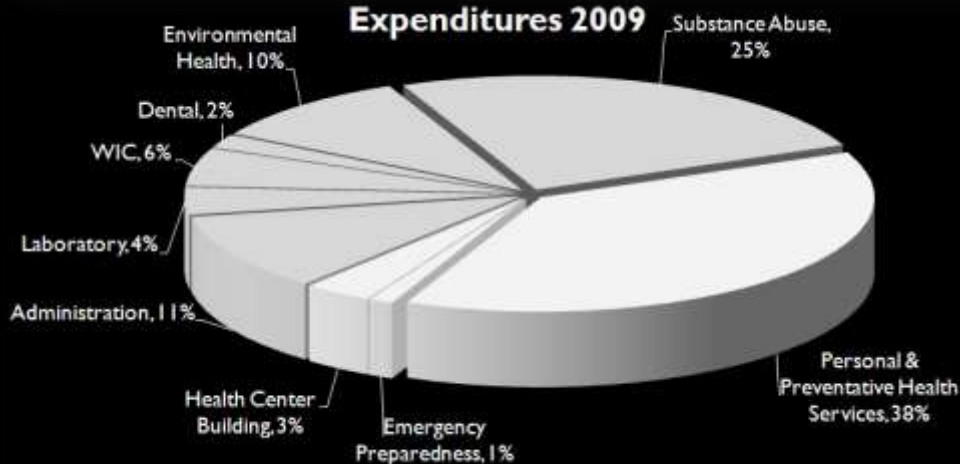
Revenues 2009



2009 REVENUES

State	\$2,373,926
Federal	\$6,112,667
Local	\$1,519,046
Other Taxes	\$281,342
Fees & Reimbursements	\$3,907,854
Fund Balance	\$55,895
Total Revenues	\$14,250,730

Expenditures 2009



2009 EXPENDITURES

Administration	\$1,569,761
Laboratory	\$550,023
WIC	\$768,446
Dental	\$279,257
Environmental Health	\$1,441,208
Substance Abuse	\$3,577,646
Personal & Preventative Health Services	\$5,414,388
Emergency Preparedness	\$173,629
Health Center Building	\$476,372
Total Expenses	\$14,250,730

SCDPH Highlights 2009

Environmental Health Services (EHS) The Environmental Health Division was host to the National Environmental Health Association (NEHA) and the Centers for Disease Control and Prevention's (CDC) two-day "Biology and Control of Insects and Rodents" workshop. The intent of this national event was to instruct environmental health professionals on methods to conduct surveys to identify types of pest infestation and to provide prevention strategies.

Health Promotion & Communications Division (HPCD) Health Promotion and Communications expanded services to include Community Health Improvement Planning. This function was created to focus on providing ongoing systematic collection, analysis, and interpretation of outcome-specific data. The Community Health Improvement Director (CHID) has the responsibilities of overseeing the department's public health assessment; providing data analysis; performing program planning and evaluation; completing performance measurement; and engaging in community outreach and education.

Laboratory Services As a regional lab for the Michigan Department of Community Health (MDCH), the laboratory played a major role in the transportation of clinical specimens for H1N1 confirmation testing for Saginaw and several neighboring counties.

Personal and Preventive Health Services (PPHS) The Family Planning clinic has been involved in a collaborative agreement with Synergy Medical Education Alliance helping Ross Medical students get experience with pelvic examinations under the direction of Dr. R. Hazen, a retired OB/GYN from Saginaw. In December and January, Dr. Hazen worked public health clinics with Internal Medicine residents enabling the residency program to maintain its accreditation. This collaborative effort increased awareness among the medical residents of the public health services offered to the community and enhanced the department's reputation as a respected, quality clinic service provider.

Substance Abuse Treatment and Prevention Services (TAPS) In April 2009 the new Victory Clinical Services Methadone / Suboxone Clinic opened. TAPS also participated in a Co-Occurring Disorders (COD) Collaboration with SCCMHA; the State Prevention Framework (SPF) / State Incentive Grant (SIG); and Family Dependency Treatment Court.

Women, Infants, and Children Services (WIC) In April 2009 the new computer system called MI-WIC went "live" in all WIC clinics in Saginaw County. In addition, WIC conducted the Project Fresh Program on-line for the first time through the new MI-WIC system. Laptop computers were used and staff enrolled clients on-site at the farmers market. WIC coupons were dispensed at the end of an education session provided by Michigan State University Extension.

ADMINISTRATION

Administration works with the Board of Health to implement public health policy and supports the various functions of the Department. In addition, Administration is responsible for overseeing the **Dental Health Services** program which provides dental care for children in grades K-12 who meet program guidelines for eligibility.

Dental Health Services Provided	2008	2009
Total Number of Visits	1,955	2,126
Total Number of Services (i.e., Cleaning, X-Rays, Fillings, Flouride treatment, Dental Health Education/Referral, and School exams)	5,914	5,282

HEALTH PROMOTION AND COMMUNICATIONS DIVISION (HPCD)

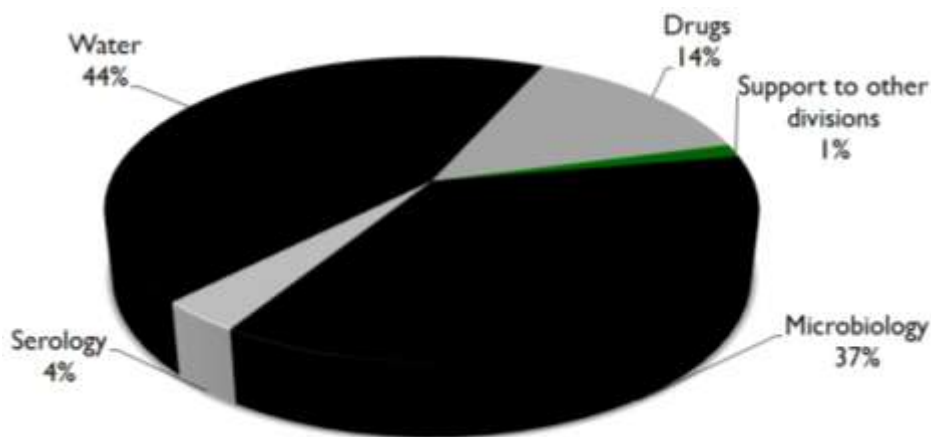
HPCD coordinates community health promotion through educational resources and outreach, and manages the Department's public information, marketing and public relations efforts. Two vital departmental functions within HPCD are **Emergency Preparedness** coordination and the development of plans that designate the department's roles and responsibilities to protect the public's health during emergencies; and **Community Health Improvement** planning and the development of means to provide ongoing systematic collection, analysis, dissemination, and interpretation of outcome-specific data.

HPCD Services Provided	2008	2009
Health Fairs Attended	58	55
Number of People Served at Health Fairs	24,445	7,061
Promotional Items Distributed	1,656	3,120

LABORATORY SERVICES DIVISION

Laboratory Services Division is designated as a Michigan Department of Community Health Regional Laboratory. SCDPH provides leadership, technical support, and analytical procedures in accordance with Clinical Laboratory Improvement Amendment (CLIA) to 15 counties comprising our region. Operating costs are shared by all counties and MDCH.

Laboratory Testing Categories



Testing Services	2008	2009
Microbiology	14,397	12,877
Serology	1,175	1,224
Water	10,027	15,558
Drugs of Abuse	2,840	5,006

- Microbiology - Chlamydia (CT), Gonorrhea (GC), Cultures for reference testing, stool cultures, and Norovirus testing.
- Serology - Syphilis and pregnancy testing.
- Water - Coliform bacteria from human and animal wastes used as indicators for other harmful organisms and Standard Plate Count (PC) used as an indication of water quality and the effectiveness of treatment, Environmental chemistry (Fluoride, Nitrates as Nitrogen, and Sodium).
- Drugs - Screens urine for drugs of abuse.
- Support to Divisions - Technical assistance to other SCDPH divisions (ex. Prepare reagents and sterilize equipment for PPHS and EH).

PERSONAL AND PREVENTIVE HEALTH SERVICES (PPHS)

PPHS is the largest division of the department and provides a wide array of newborn, child, and adult health care. These include health screenings, communicable disease control (any illness or condition that can spread to one or more persons), family planning, immunizations, hearing and vision screenings, and many other specialized health services for Saginaw County.

Services Provided and Client Enrollment	2008	2009
Communicable Disease (CD) Program	2,435	2,889
Family Planning	4,312	4,290
Hearing Screenings	14,763	13,919
Vision Screenings	13,547	13,257
Children's Special Health Care Services (CSHCS) Annual Enrollment	661	651
Early On Annual Enrollment	328	164
Immunizations Administered	14,315	14,352

WOMEN, INFANTS, AND CHILDREN PROGRAM (WIC)

WIC provides supplemental foods, nutritional counseling and nutrition education to pregnant, postpartum and breastfeeding women, infants newborn-11 months, and children 1-5 years. The program is based on a nutritional risk priority system. Project Fresh is a special one time supplemental program during the summer months to promote better health and nutrition through consumption of Michigan-grown fresh fruits and vegetables.

WIC Services Provided/Participation Numbers*	2008	2009
Pregnant, breastfeeding, post-partum women	1010	1035
Infants 0-11 months	1078	1003
Children 1-5 years	2877	3038
Total Clients Served	4965	5076

*WIC numbers are an estimate due to the conversion from M-TRACX to MI-WIC information management system.

ENVIRONMENTAL HEALTH SERVICES DIVISION (EHS)

EHS 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 collection, pest control, and other disease prevention.

FOOD SERVICE – Assuring a safe food supply through inspection, education & enforcement.	2008	2009
Inspections / # Licensed Establishments	1229/757	1288/703
Foodborne Illness Investigations	0	2
Plan Reviews (new and remodeled)	49	17
Site Audits (change of ownership)	46	21
Enforcement Actions (hearings, orders)	47	33
Temporary Food Licenses	417	533
EDUCATION – Protecting & promoting public health through training & education.	2008	2009
Septic Installer Registration (# participants) [Training once every 3 years]	5	11
Temporary Food Classes (# participants)	109	15 ¹
Lead Safe Work Practices Training	40	0 ¹
ServSafe Management Certification	96	261
WATER – Assuring quality drinking water through inspection & testing.	2008	2009
Residential Well Permits Issued	173	133
Number of Abandoned Wells Plugged	97	93
Public Swimming Pool & Spa Inspections	131	113
SHELTER & INDOOR AIR QUALITY – Promoting healthy indoor environments through inspection, detection and education.	2008	2009
Day Care & Adult Foster Care Inspections	94	84
Radon Kits Distributed	568	814
Elevated Blood Lead Level Investigations	13	6

ENVIRONMENTAL HEALTH SERVICES DIVISION (EHS) CONTINUED

WASTE – Preventing ground & surface water contamination through planning, system design, & monitoring the disposal of the waste people generate.	2008	2009
Residential Sewage System Permits Issued	170	139
Commercial Sewage System Permits	9	11
Performance / Mortgage Evaluations	28	20
Preliminary Site Evaluations	21	11
Solid Waste Inspections	316	311
Clean Sweep Collections (# of participants/lbs collected)	215/12,132	255/24,463.7
Mercury Collections (lbs collected)	1,136	14.5 ¹
Household Hazardous Waste Collections (total participants / lbs collected)	366/22,932	270/18,871
Scrap Computer (lbs collected)	-	32,000
COMPLAINTS – Assuring compliance with laws, codes & ordinances & managing the environment through sound public health policy.	2008	2009
Food Service	113	86
Foodborne Illness	32	32
Sewage	29	38
Water	9	8
Solid Waste	18	10 ¹
Shelter (Day Care, Schools, etc.)	9	4
Housing	10	6
Public Pools & Spas	1	4
Private Pools (Mosquito Control)	12	119
Clean Indoor Air Regulation	24	9
Mold	N/A*	21
General Nuisance	19	13

¹Also investigated 5 mercury complaints/spills.

*Mold Complaints captured separately from General Nuisance beginning 10/1/2008.

SUBSTANCE ABUSE TREATMENT AND PREVENTION SERVICES (TAPS)

To support and advise substance abuse treatment and prevention programming through leadership, expertise, and funding in a integrated collaborative equitable effort. To educate community stakeholders including families, schools, service providers, community leaders, faith-based organizations, law enforcement , and consumers.

2009 Taps Budget

Advisory Board

Douglas Carter

Cheryl Hadsall

Russell Howell

Eddie Foxx

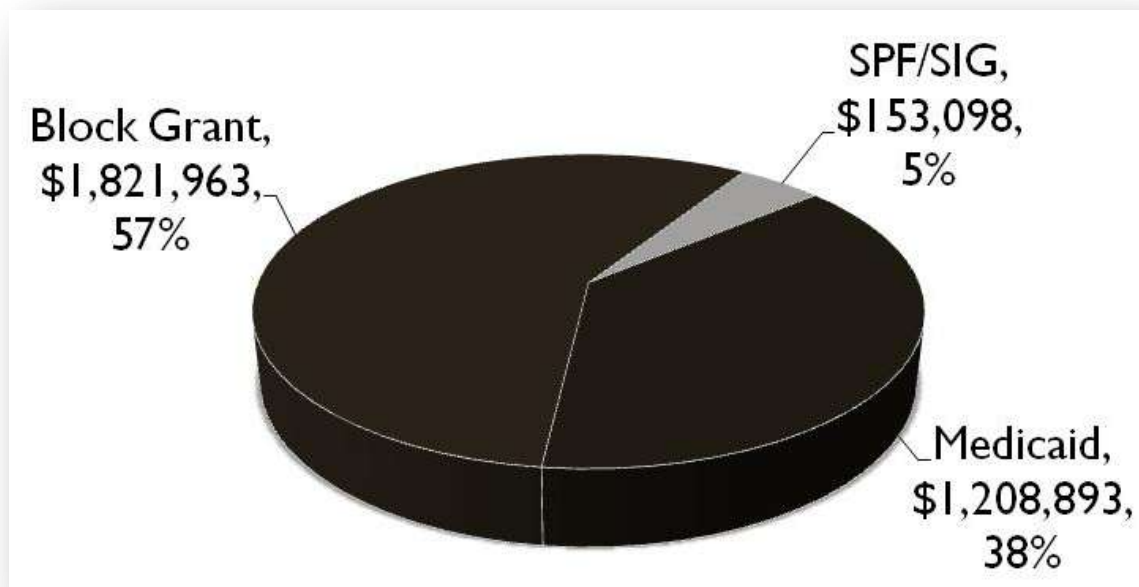
Dennis Morrison

Arthur O'Neal

Georgia Reyes

James Thews

Tavey Ziozois



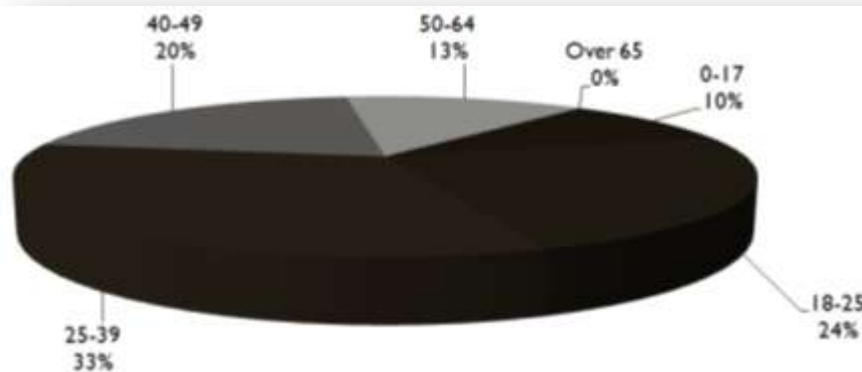
Total Budget

\$3,183,954.00

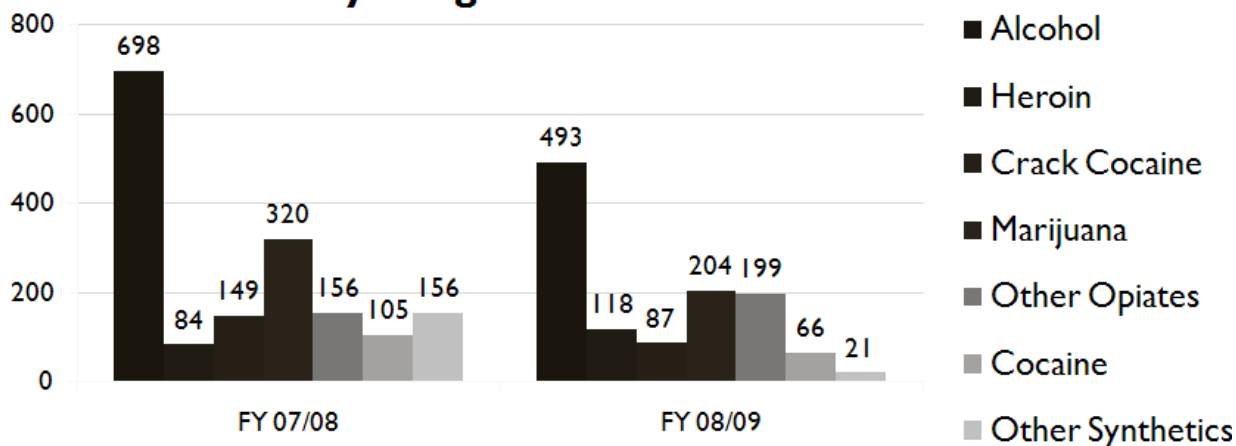
SUBSTANCE ABUSE TREATMENT AND PREVENTION SERVICES (TAPS) CONTINUED

Admission Type	Number of Clients FY 07/08	Number of Clients FY 08/09
Outpatient	942	1032
Detox	244	261
Long Term Residential	33	37
Short Term Residential	342	266
Total Clients Admitted	1561	1618


Age At Admission Fiscal Year 2008/2009



Primary Drug at Admission



Saginaw County Demographics



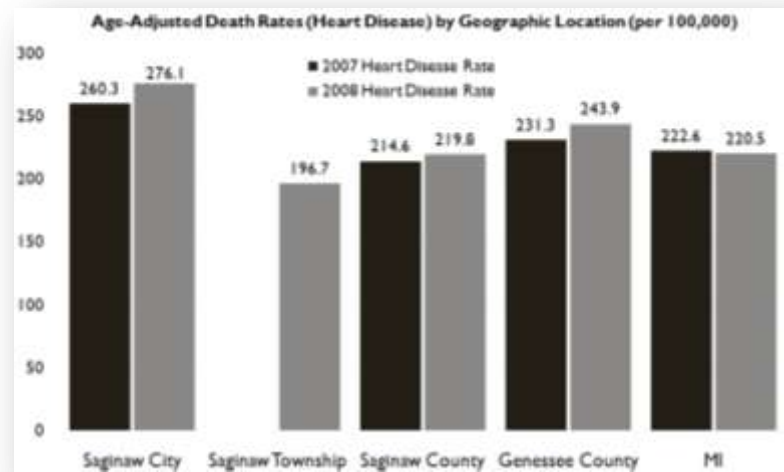
INDICATOR	SAGINAW COUNTY
Total population ¹	202,626
Median Age (Years Old) ¹	38.5
Race/Ethnicity:	
- White ¹	76.4%
- Black or African American ¹	18.6%
- Hispanic or Latino (of any race) ¹	7.3%
Individuals Below Poverty ¹	17.6%
Children in Poverty ¹	25.5%
Median Household Income ¹	\$43,351
High School Graduation ¹	86.9%
College Degrees ¹	18.8%
Unemployment Rates ²	12.5%
Source: ¹ U.S. Census Bureau, 2006-2008 American Community Survey; U.S. Census Bureau, Census 2000; ² Michigan Department of Labor and Economic Growth, Labor Market Information, 2009	

Leading Causes of Death 2008 (rates per 100,000 population)

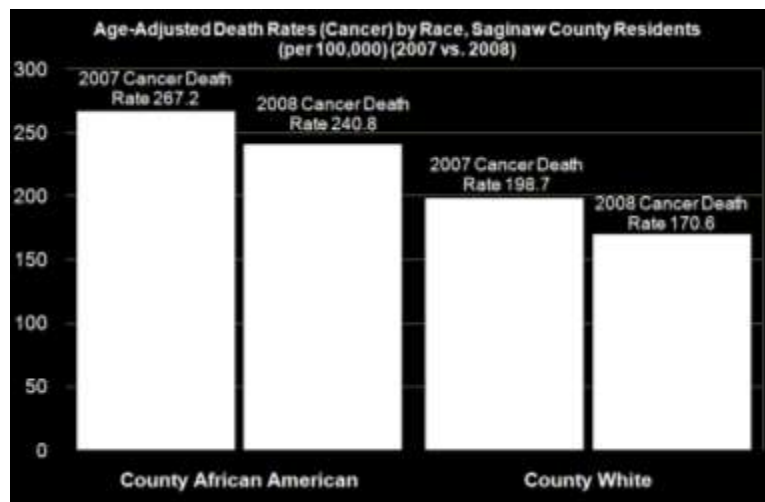
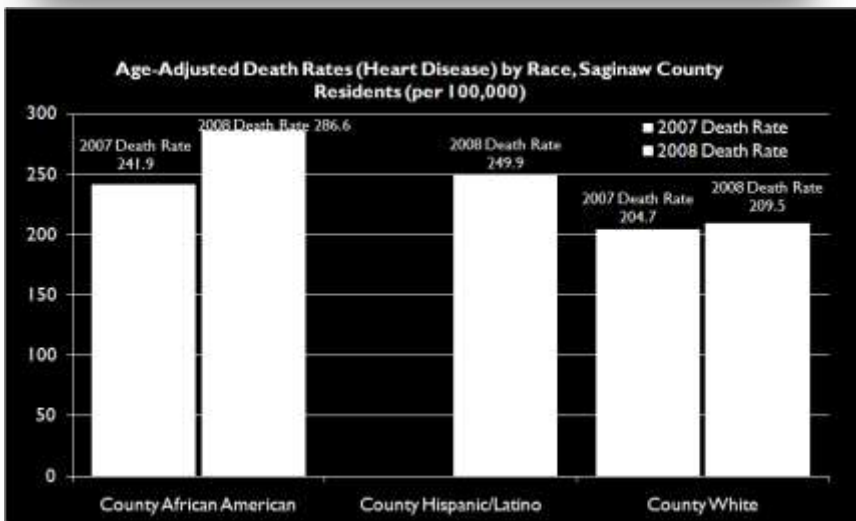
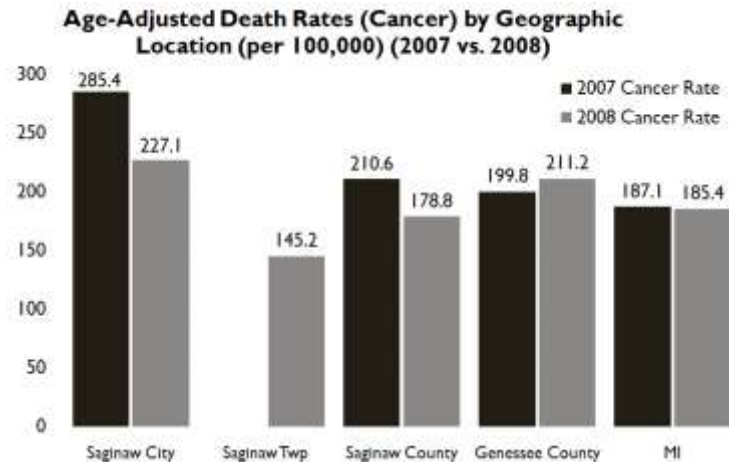
	SAGINAW CITY	SAGINAW TOWNSHIP	SAGINAW COUNTY	GENESEE COUNTY	MI	HP 2010 GOALS
Heart Disease	276.1	196.7	219.8	243.9	220.5	162
Cancer	227.1	145.2	178.8	211.2	185.4	158.6
Chronic Lower Respiratory Disease	82.6	60.6	65.6	60.3	48.0	
Stroke	66.8	41.4	39.2	56.2	42.3	50
Unintentional Injuries	†	†	30.6	43.5	35.3	17.1

Source: Michigan 2008 Resident Death File. Vital Records & Health Statistics Section, Michigan Department of Community Health. (†) indicates that data do not meet standards of reliability or precision. Age-adjusted death rates are based on age-specific death rates per 100,000 population in specified group.

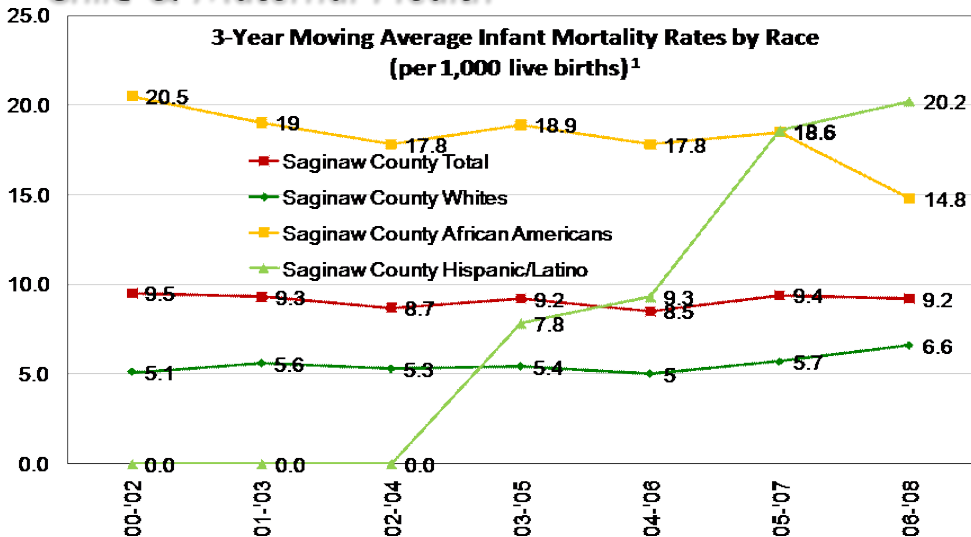
Leading Causes of Death (Heart Disease)



LEADING CAUSES OF DEATH (CANCER)



Child & Maternal Health



Single Year Rates	Saginaw County	MI
2008 Infant Mortality ¹ (rate per 1,000 live births)	10.2	7.4
2008 Percentage of Live Births which are Low Birth Weights ²	9.7%	8.5 %
2008 Teen Pregnancy (rates per 1,000 teen females) ³	63.8	54.1
2009 Abortion Rates (rate per 1,000 Saginaw County woman) ⁴	14.6	10.9

¹Source: 1989 - 2008 Michigan Resident Death Files and Michigan Resident Birth Files, Vital Records and Health Statistics Section, Division for Vital Records and Health Statistics, Michigan Department of Community Health.

²Source: 1989 - 2008 Michigan Resident Birth Files. Vital Records & Health Statistics Section, Michigan Department of Community Health..

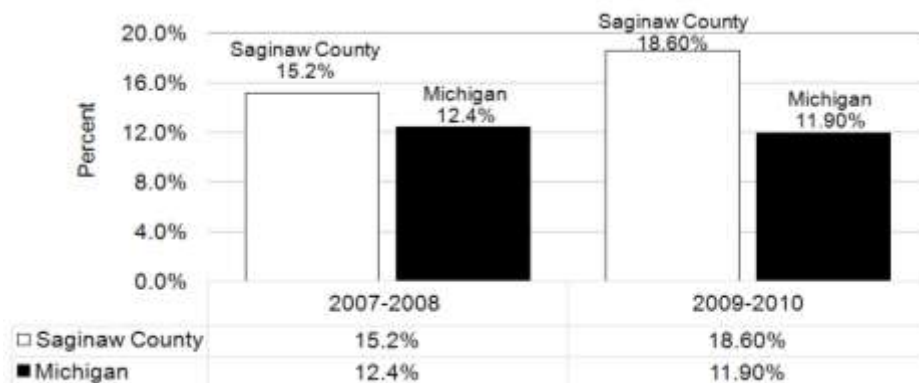
³Source: Live Births, Abortions and Population Estimates obtained from the Vital Records & Health Statistics Section, Michigan Department of Community Health; Population Estimate (latest update 9/2009), National Center for Health Statistics, [U.S. Census Populations With Bridged Race Categories](#).

⁴Source: 1999 - 2009 Michigan Abortion Files, Vital Records & Health Statistics Section, Michigan Department of Community Health. Population Estimate (latest update 9/2009), National Center for Health Statistics, [U.S. Census Populations With Bridged Race Categories](#).

⁵Sources: Michigan Department of Community Health, Michigan Disease Surveillance System, 2005-2009 Disease Reports Michigan Department of Education and Michigan Department of Community Health, Michigan Profile for Healthy Youth, 2007-2008 & 2009-2010 Surveys.

CHILDHOOD OBESITY⁵

Saginaw County And Michigan High School Student* Weight Status



*Represents surveyed 9th and 11th graders who self reported as being overweight (above the 95th percentile for BMI (body mass index) by age and sex).

Communicable Diseases, Saginaw County

Disease Group	2005	2006	2007	2008	2009
Reportable diseases, infections, and conditions, suspected or known presence, as identified in the Michigan Communicable Disease Rules, are required to be reported to the appropriate local health department.					
Foodborne ¹	48	27	43	55	33
Flu Like Disease	27,010	18,482	17,156	14,485	25,565
Meningitis	34	43	26	12	24
Other ²	13	27	11	12	13
Rabies	0	1	0	8	9
Sexually Transmitted (STD) ³	1,751	1,270	1,399	1,302	1,338
Tuberculosis	2	3	2	0	0
VPD ⁴ (Chickenpox [Varicella], Mumps, Pertussis)	31	6	5	1	1
Vectorborne ⁵ (Encephalitis, Malaria, Rocky Mt Spotted Fever)	0	2	2	0	1
Viral Hepatitis ⁶ (Hepatitis B, Hepatitis C)	95	234	213	219	129

¹ Amebiasis, Botulism – Foodborne, Campylobacter, Cryptosporidiosis, Escherichia coli O157:H7, Giardiasis, Listeriosis, Salmonellosis, Shiga toxin, E. Coli, Non O157, Shiga toxin, E. Coli, Unspecified, Shigellosis, Typhoid Fever, Yersinia enteritis;

² Anthrax, Blastomycosis, Botulism – Infant, Botulism – Other, Brucellosis, Cholera, Coccidioidomycosis, Creutzfeldt-Jakob Disease, Cryptococcosis, Cyclosporiasis, Encephalitis, Post Chickenpox, Encephalitis, Post Mumps, Encephalitis, Post Other, Encephalitis, Primary, Flu Like Disease*, Guillain-Barre Syndrome, Hantavirus, Hantavirus, Other, Hantavirus, Pulmonary, Head Lice, Hemolytic Uremic Syndrome, Hemorrhagic Fever, Hepatitis – Unspecified, Histoplasmosis, Influenza, Influenza, Novel, Kawasaki, Legionellosis, Leprosy, Leptospirosis, Plague, Psittacosis, Q Fever Acute, Q Fever Chronic, Q Fever*, Rabies Human, Reye Syndrome, Rheumatic Fever, Rubella – Congenital, Staphylococcus Aureus Infect., Strep Pneumo, Drug Resistant, Strep Throat, Streptococcal Dis, Inv, Grp A, Streptococcal Toxic Shock, Toxic Shock, Trachoma, Trichinosis, Tularemia, Unusual Outbreak or Occurrence, VISA, VRSA, Vibriosis - Non Cholera

³ Chancroid, Chlamydia (Genital), Gonorrhea, Granuloma Inguinale, Lymphogranuloma venereum, Syphilis

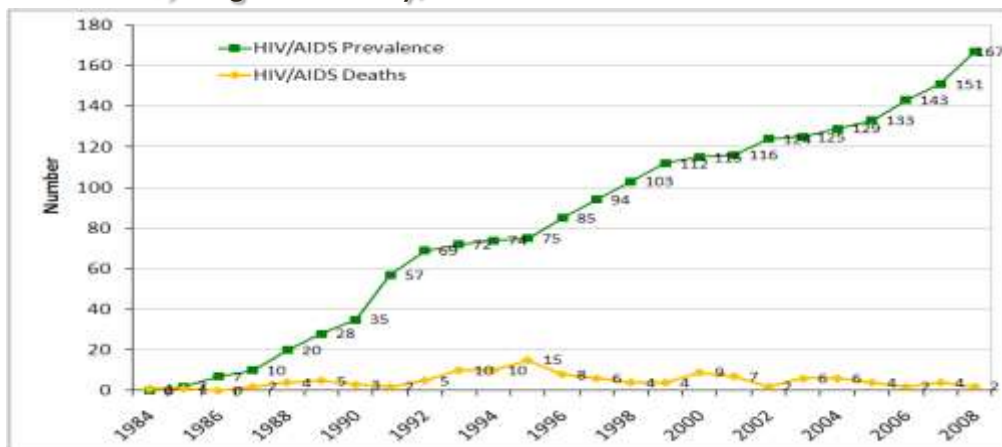
⁴ Chickenpox (Varicella), Diphtheria, H. influenzae Disease - Inv., Measles, Mumps, Pertussis, Polio, Rubella, Shingles, Tetanus, VZ Infection, Unspecified

⁵ Dengue Fever, Ehrlichiosis human, other, unspecified*, Encephalitis

⁶ Hepatitis A, B, C, D and E

⁷ Sources: Michigan Department of Community Health, HIV/AIDS County Level Quarterly Analyses, Saginaw County January 2009.

HIV/AIDS⁷, Saginaw County, 1984-2008



ON LINE RESOURCES

Centers for Disease Control and Prevention (CDC)

General Health Information: <http://www.cdc.gov/>

Life Stages & Specific Populations: <http://www.cdc.gov/LifeStages/>

Michigan Department of Agriculture Online Services

Food & Food Safety, Travel, Environment, Animal and/or Plant, Pest & Pesticide Related Information
<http://www.michigan.gov/mda/0,1607,7-125-37048-119773--,00.html>

Michigan Department of Community Health (MDCH)

State, county, health department and health statistics <http://www.michigan.gov/mdch/0,1607,7-132-2944---,00.html>

Order Birth, Death, Marriage and Divorce Records http://www.michigan.gov/mdch/0,1607,7-132-4645_6245---,00.html

Michigan Steps Up: Step up to a healthier lifestyle <http://www.michigan.gov/surgeongeneral>

Cardiovascular Health and Nutrition: An online self-test http://www.michigan.gov/mdch/0,1607,7-132-2940_2955-6534--,00.html

MIChild Online Application http://www.michigan.gov/mdch/0,1607,7-132-2943_4845_4931-37347--,00.html

Michigan Assistance and Referral Service (MARS): Find out if you are eligible for benefits
<http://www.michigan.gov/mdch/0,1607,7-132--37520--,00.html>

WIC Healthy Child Eating Education <http://wichealth.org/>

Michigan Department of Environmental Quality

Environmental Protection Information http://www.michigan.gov/deq/0,1607,7-135-6132_6828---,00.html

CONTACT INFORMATION

Service/Program	Phone Number	Room Numbers
MAIN—General Information	989.758.3800	N/A
Children's Special Health Care	989.758.3845	Room 200
Communicable Disease Surveillance	989.758.3885	Room 312
Community Resource Nurse	989.758.3675	Room 200
Dental Health Services	989.758.3835	Room 211
Early-On Services	989.758.3845	Room 200
Environmental Health Services	989.758.3830	Room 101
Family Planning	989.758.3870	Room 309
Health Promotion & Communications	989.758.3805	Room 301
Healthy Start—Great Beginnings	989.758.3850	Room 200
Healthy Start Consortia	989.758.3693	Room 200
Hearing & Vision	989.758.3890	Room 505
Immunizations	989.758.3840	Room 109
Laboratory Services	989.758.3825	Room 102
Saginaw Health Plan	989.758.3855	Room 200
Sexually Transmitted Disease (STD/HIV)	989.758.3880	Room 312
Treatment and Prevention Services (TAPS)	989.758.3781	Room 501
Women, Infants & Children (WIC)	989.758.3733	Room 502
Covenant HealthCare Building 600 N. Main Street Frankenmuth, MI 48734 989.758.3840	St. Charles Health Center 120 N. Vine Street St. Charles, MI 48655 989.865.9400	
Edward McNamara Health Center 8425 Main Street Birch Run, MI 48415 989.624.9664	West Saginaw County Health Center 529 W. Saginaw Street Hemlock, MI 48624 989.642.2429	
Rehmann Health Center 147 S. Saginaw Street Chesaning, MI 48616 989.845.3911	Health Department Main 1600 N. Michigan Saginaw, MI 48602 989.758.3800	
<p>Each clinic offers a variety of services. Clinic schedules vary.</p> <p>Call 989.758.3850 for information on nursing services. For information on WIC services call 989.758.3733</p>		



SAGINAW COUNTY
DEPARTMENT OF PUBLIC HEALTH
1600 N. Michigan • Saginaw, MI 48602

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

www.saginawpublichealth.org