

*Michigan Department
of Community Health*



Rick Snyder, Governor
Nick Lyon, Director

Public Health Administration Fiscal Year 2016

**Presentation to House Appropriations
Subcommittee on Community Health**

March 10, 2015

Our Mission and Vision

Mission

The Michigan Department of Community Health will protect, preserve, and promote the health and safety of the people of Michigan with particular attention to providing for the needs of vulnerable and under-served populations.

Vision

Improving the experience of care, improving the health of populations, and reducing costs of health care.

What is Public Health?

“The activities that ensure conditions in which people can be healthy. These activities include community wide efforts to identify, prevent, and combat threats to the health of the public. “

- *Institute of Medicine Definition of Public Health*



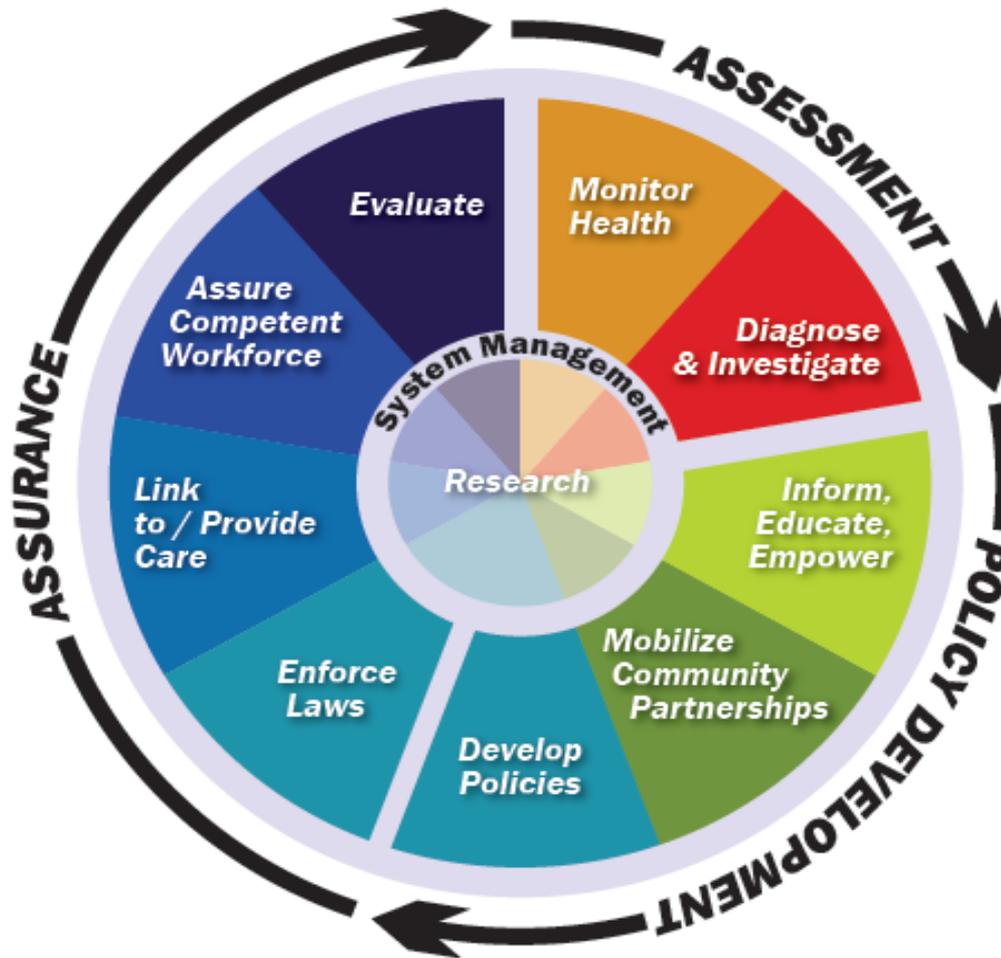
Public Health Administration

Part of the Michigan Department of Community Health

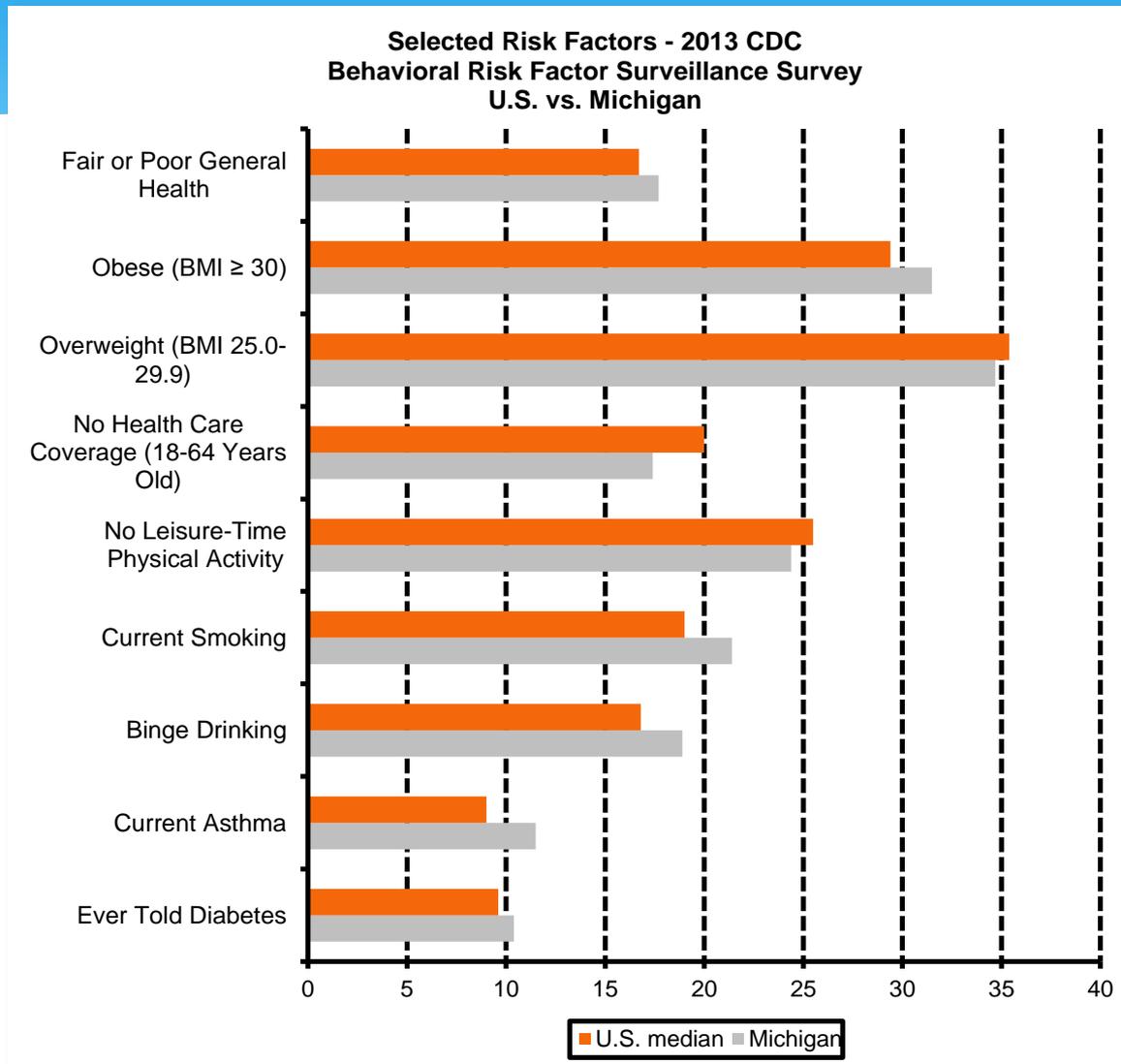
Five Bureaus in Public Health Administration

- Bureau of Local Health and Administrative Services
- Bureau of Family, Maternal, and Child Health
- Bureau of Laboratories
- Bureau of Disease Control, Prevention, and Epidemiology
- Office of Public Health Preparedness

Public Health Functions and Services



Monitor Health Status



Diagnose and Investigate

Michigan Disease Surveillance System

- Sexually Transmitted Diseases Cases
 - Chlamydia-45,091
 - Gonorrhea-10,553
 - Primary and Secondary Syphilis-498
- Other Communicable Diseases (5 cases of Measles in 2014)

Michigan Syndromic Surveillance System

- 95 emergency departments and urgent care facilities
- 13,000 daily reports received real-time
- Alerting algorithm operates 24/7 daily

Disease Prevention and Control

Infectious Disease and Immunizations

- Referred 111 travelers from Ebola-affected countries for risk assessment and monitoring
- Educational materials created for 4H/Future Farmers of America on biosecurity and transmission of diseases such as avian influenza
- Distributed \$86 million (1.6 million doses) of vaccines for children

Environmental Safety

- Abated 150 homes through the Lead safe Home Program (FY 14)

Newborn Screening

- Mandatory pulse oximetry screening for critical congenital heart disease

Inform, Educate, Empower

- MI Prepares Emergency Plan app enhances family safety, over 1000 downloads in 2 weeks
- Developed Ebola website and Michigan-specific guidance for providers and traveler monitoring
- Approximately 1,000,000 school aged youth reached annually with Michigan Model for Health Curriculum
- 7,916 Eat Safe Fish Guide downloads

Mobilize Community Partnerships

- Community-based programs funded under the Governor's 4 X 4 Health and Wellness Initiative made healthy eating and physical activity easier for nearly 2 million residents
- 8,444 volunteers in the Michigan Volunteer Registry, 57% have medical expertise
- Immunization Report Cards for Local Health Departments
Michigan.gov/Immunize then click on Local Health Department

Link to/Provide Health Services

- 11,497,548 doses of vaccine given to 9,085,811 individuals are in the Michigan Care Improvement Registry (MCIR).
- 1,100,000 vision/hearing screenings
- 155,919 children tested for lead poisoning
- 231,979 children & youth served in child & adolescent school clinics
- 41,198 Children served in Children's Special Health Care Services
- 32,872 participants enrolled in MDCH certified Diabetes Self-Management Education programs and 4,929 participated in other Chronic Disease Management evidence-based programs
- 5,043 users of Michigan Tobacco Quitline

Link to/Provide Health Services State Laboratory

- 6.7 Million testing services provided to 247,026 individuals
- 86,995 Infectious specimens tested
- 125,205 Newborn screening specimens tested
- 34,826 Blood lead/environmental lead specimens tested
- 35,268 Emergency notifications (Health Alert Network)
- 227,440 Chemical & toxicological specimens tested
- State Laboratory designated as National Advanced Level Laboratory by Centers for Disease Control

FY 15 Major Initiatives

Create a Healthier & Stronger Michigan

- Michigan Health and Wellness 4 x 4 Plan
- Before and After-School Healthy Exercise Program

Reduce Infant Mortality

- Home Visitation Programs

Family, Maternal and Child Health

- Child & Adolescent Health Center Network Pilot

Local Public Health Services

- Immunization waiver counseling

Public Health Preparedness

- Ebola response

Implementing Michigan's 4 x 4 Plan

MI Healthier Tomorrow Public Awareness Campaign

- Reduce obesity rate through awareness of healthy lifestyle options
- Take the pledge to lose 10%
- Nearly 31,000 people have taken the pledge since January, 2013

Added Priority Strategies for 2014-2019 to Reduce Obesity

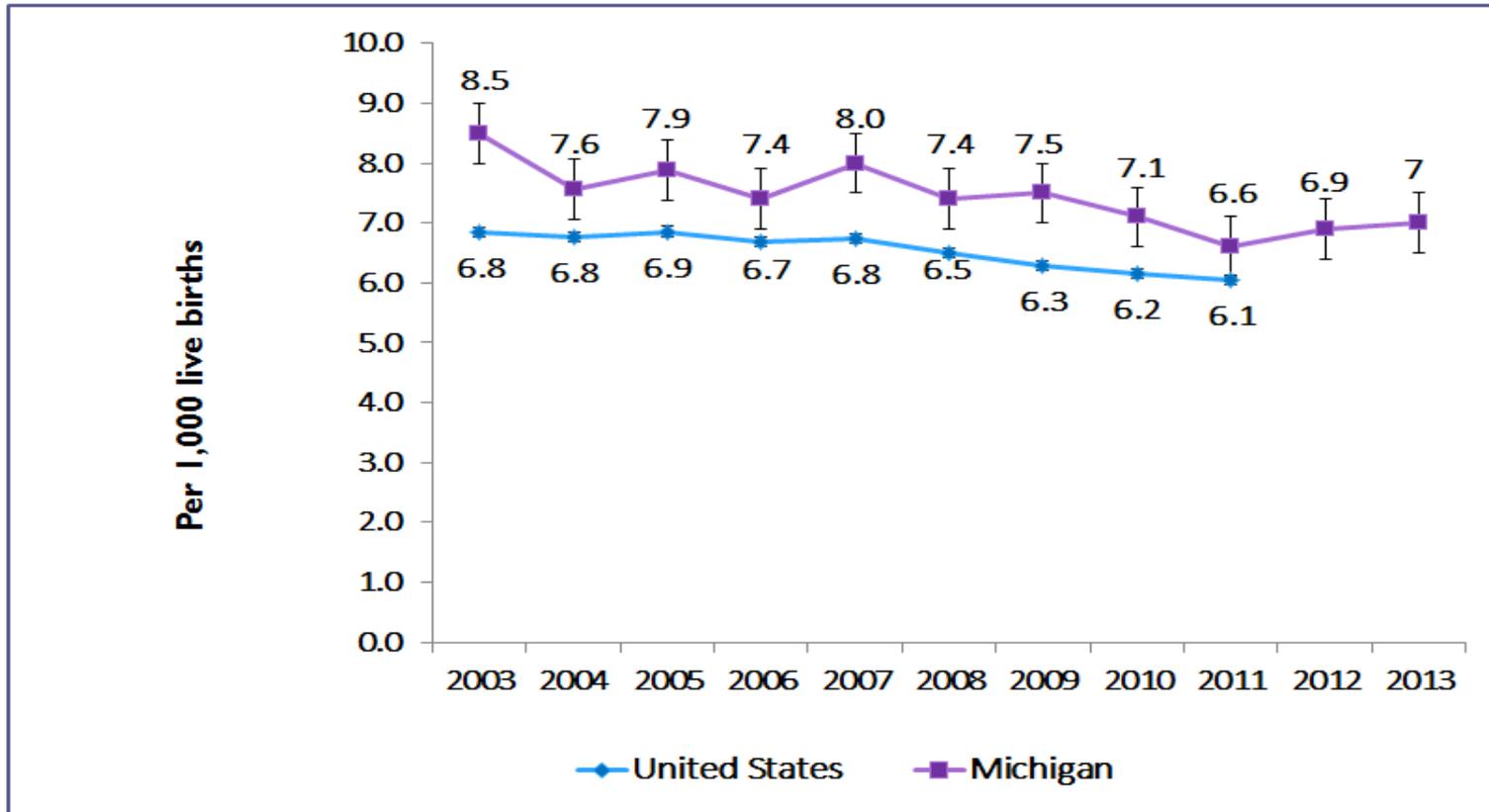
- Reduce childhood obesity with a focus on educational environments
- Make physical activity a routine part of daily life
- Make healthy foods the routine, easy choice
- Support community efforts to create local policy and environmental change

Before, After School, and Summer Healthy Exercise Program

Reducing Childhood Obesity

- Partnering with State Alliance of YMCAs
- Focus on healthy eating and physical activity among youth in K-8 in out-of-school time settings
- Areas served: Ann Arbor, Benton Harbor, Cadillac, Detroit, Flint, Grand Rapids, Kalamazoo, Lansing, Marquette and Monroe
- 50% of this year's funding was allocated in partnership with Blue Cross Blue Shield of Michigan, Wayne State University, University of Michigan, and Michigan Fitness Foundation for increased school-based programming

Michigan vs. U.S. Rates of Infant Mortality 2003-2013



▶ 3

Source: Centers for Disease Control and Prevention, National Center for Health Statistics
MI Resident Live Birth & Death Files, Division for Vital Records & Health Stats

Michigan's Infant Mortality Reduction Plan

8 Key Strategies

1. Implement a Regional Perinatal System
2. Promote adoption of policies to eliminate medically unnecessary deliveries before 39 weeks gestation
3. Promote adoption of progesterone protocol for high risk women
4. Promote safer infant sleeping practices to prevent suffocation
5. Expand home-visiting programs to support at risk women and infants
6. Support better health status of women and girls
7. Reduce unintended pregnancies
8. Address social determinants of health in all 8 strategies

www.infantmortality.gov

FY15 Infant Mortality Initiatives

Healthy Women:

- The Healthy Michigan Plan coverage includes: preventive visits, immunizations, family planning and tobacco cessation services

Care of the mother before, during and after pregnancy:

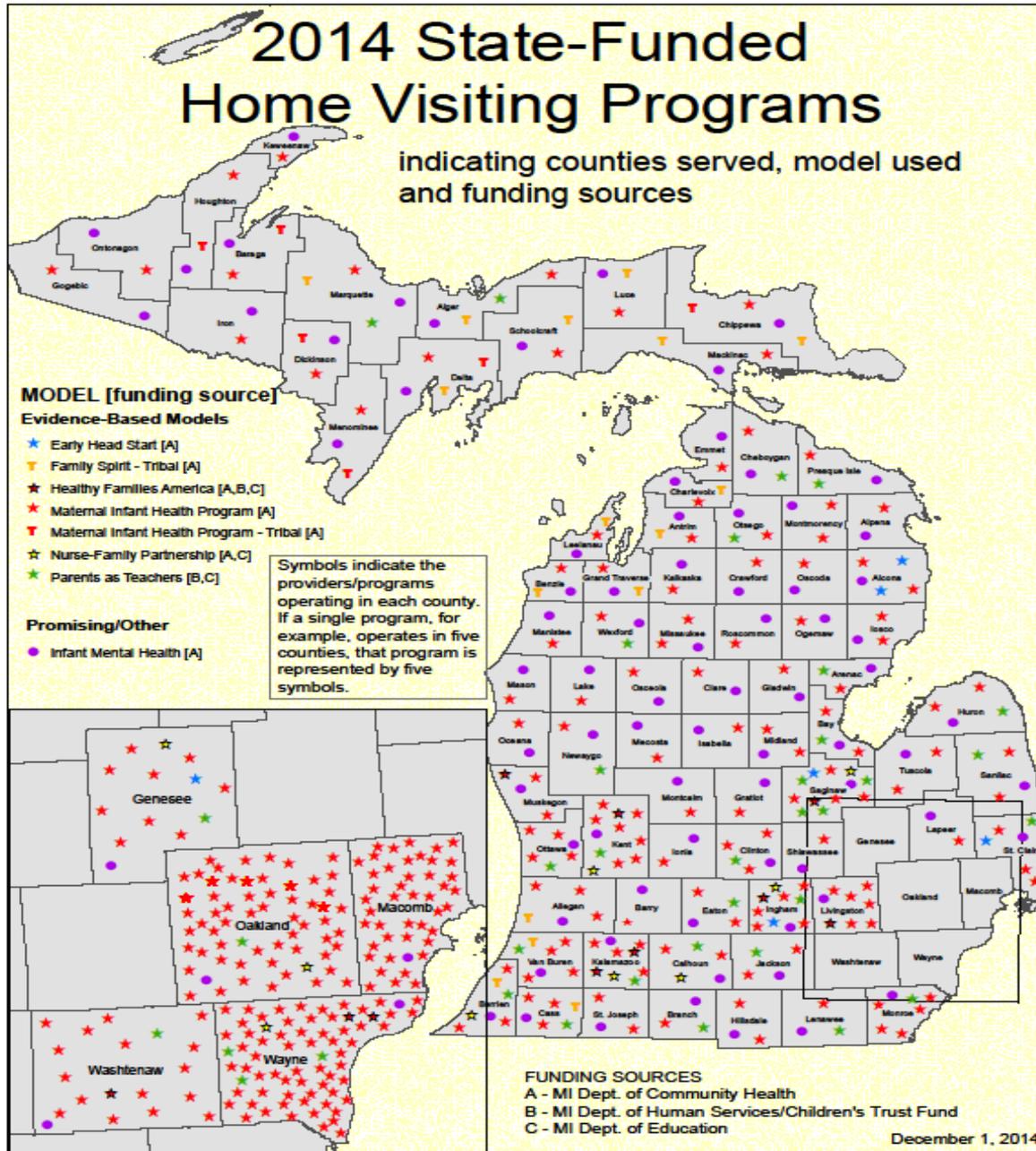
- Hospital policies to reduce early elective deliveries
- Expanded home visiting programs statewide
- Telemedicine services established in rural parts of the state

Care of the infant at birth and during the first year of life:

- Adopted best practice guidelines for neonatal intensive care unit and special care nurseries statewide
- Continued collaboration with DHS to address safe sleep in highest risk communities

2014 State-Funded Home Visiting Programs

indicating counties served, model used and funding sources



Home Visitation Expansion

- Evidence based home visitation programs have been shown to improve outcomes for mom and baby
- FY 15 \$2.0 million for rural home visiting initiative
- Focus on evidence based home visiting programs to pregnant women and young children birth to age 5 with the highest needs in Prosperity Regions 1, 2, and 3

Supplemental Food Program for Women, Infants & Children (WIC)

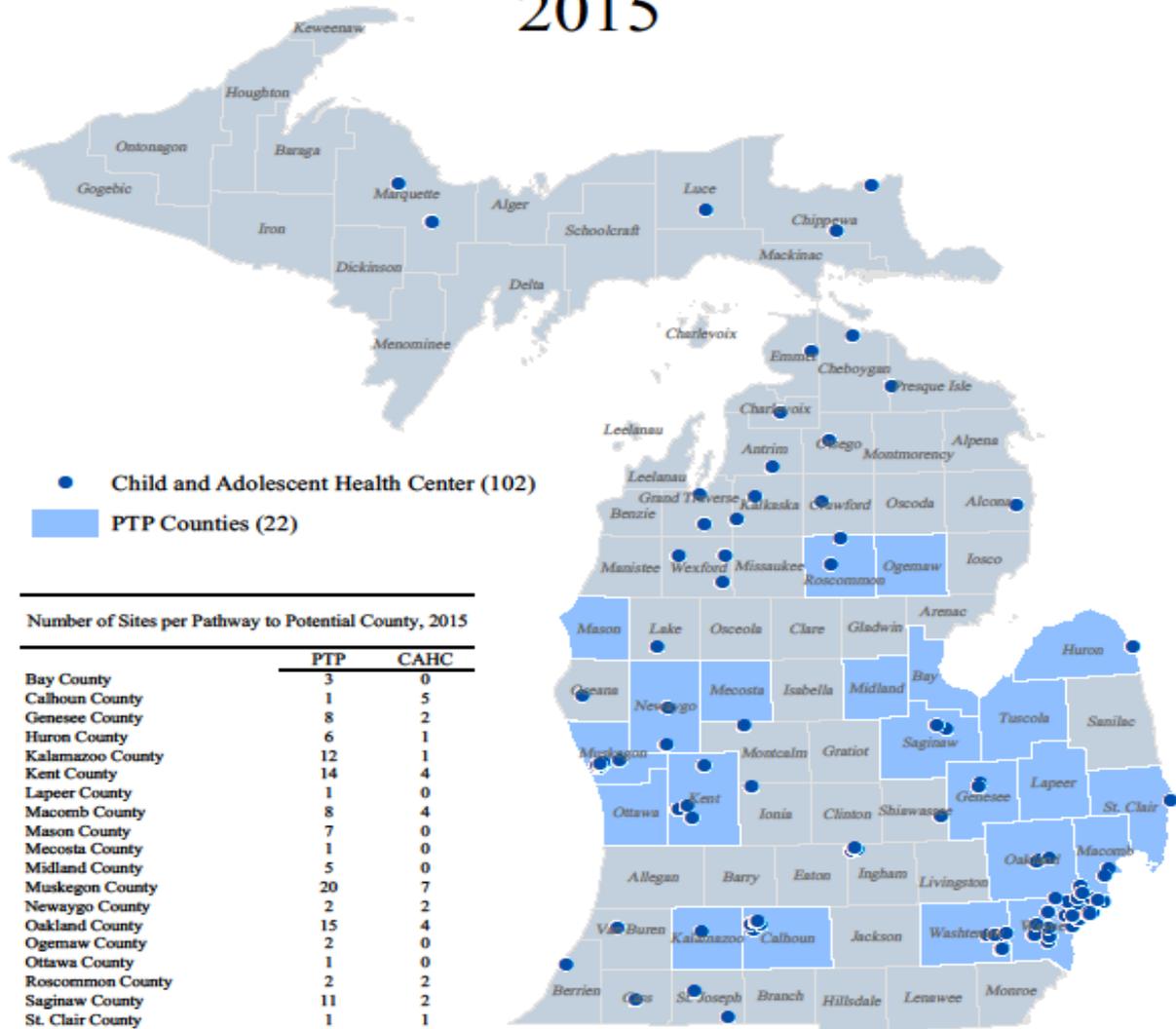
- 251,716 average monthly WIC participants
- 54% of infants born in MI are on WIC program
- \$184,200,000 in food packages for 152,000 families (over \$500,000 sales daily to local vendors)
- \$14,000,000 in fresh fruits and vegetables provided to participants
- WIC Peek Counselor Grants help to increase breastfeeding support
- Only nutritional food can be purchased under the program

Funding Source:

US Department of Agriculture - \$205,400,000

Private Revenue - \$58,300,000

Child and Adolescent Health Centers and Pathways to Potential Counties 2015



- Child and Adolescent Health Center (102)
- PTP Counties (22)

Number of Sites per Pathway to Potential County, 2015

	PTP	CAHC
Bay County	3	0
Calhoun County	1	5
Genesee County	8	2
Huron County	6	1
Kalamazoo County	12	1
Kent County	14	4
Lapeer County	1	0
Macomb County	8	4
Mason County	7	0
Mecosta County	1	0
Midland County	5	0
Muskegon County	20	7
Newaygo County	2	2
Oakland County	15	4
Ogemaw County	2	0
Ottawa County	1	0
Roscommon County	2	2
Saginaw County	11	2
St. Clair County	1	1
Tuscola County	10	0
Washtenaw County	1	6
Wayne County	88	27
Total	219	68

Child and Adolescent Health Center Network Pilot

Child and Adolescent Health Center Network Site Pilot is a new model for school health clinic hubs with satellites/extension clinics

- Two satellites in Detroit, one in Muskegon
- In collaboration with Department of Human Services Pathways to Potential Project
- Care focused on physical and behavioral health
- Better access to high quality, coordinated services
- Ability to reach more students with satellite services

Local Public Health Departments Provide Essential Services

- Immunizations
- Infectious disease control
- Sexually transmitted disease control and prevention
- Hearing screening
- Vision services
- Food protection
- Public water supply, private groundwater supply, and on-site sewage management

Local Public Health

- **Michigan's waiver rate for kindergartners is 4th highest in U.S.**
- **Administrative Rule change incorporated immunization waiver requirements:**
 - Education at LHD when non-medical exemption is requested
 - Use of the state waiver form
- **To protect vulnerable populations, students who are not vaccinated may be excluded from school during outbreaks**

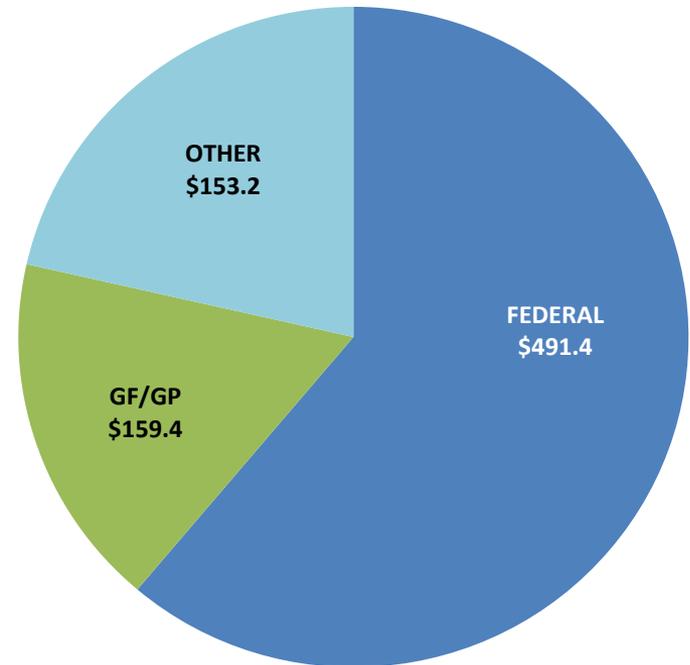
Public Health Preparedness

- Provide support to community's local and regional health partners for emergency planning and response.
- 8 Regional Healthcare Coalitions use Medical Coordination Centers for incidents like the 193 vehicle accident on I-94.
- The Community Health Emergency Coordination Center (CHECC) activated for emergency response to Ebola for three months.
- Over 454 hospital focused Ebola exercises were conducted in 4 months.
- Rapid inventory of emergency medications or personal protective equipment.
- Maintain a 140-bed mobile medical field hospital to augment emergency health services.

Public Health – Budget

(in millions)

	2016
Children’s Special Health Care Services	\$203.8
Women, Infants, and Children Food and Nutrition (WIC) Program	274.2
Public Health Services	326.0
Total	\$804.0



FY 16 DCH Initiatives

Support Population Health Improvement

- Healthy Michigan Plan
- Healthy Kids Dental expansion
- Medicaid Adult Dental Services
- Drug Policy Initiatives
- Pay for Success
- Reduce Fetal Alcohol Syndrome Disorders
- State Innovation Model (SIM)

MDCH Contact Info and Useful Links

Legislative Liaison: Karla Ruest

Phone: (517) 373-1629

Website: <http://www.michigan.gov/mdch>

Facebook: <http://www.facebook.com/michigandch>

Twitter: @MIHealth, <https://twitter.com/mihealth>

Useful Links:

Executive Budget: <http://www.michigan.gov/mibudget>

MI Healthier Tomorrow: www.michigan.gov/mihealthiertomorrow

Michigan Health and Wellness: www.michigan.gov/healthymichigan

Michigan Vital Records: www.michigan.gov/healthstatistics

Michigan Infant Mortality: <http://www.michigan.gov/infantmortality>

Healthy Michigan Plan: www.michigan.gov/healthymichiganplan