



MDHHS: FY21 Budget Executive Recommendation

Public Health Administration

March 4, 2020

Dr. Joneigh Khaldun, Chief Medical Executive and Chief Deputy Director for Health
Farah A. Hanley, Senior Deputy Director, Financial Operations Administration

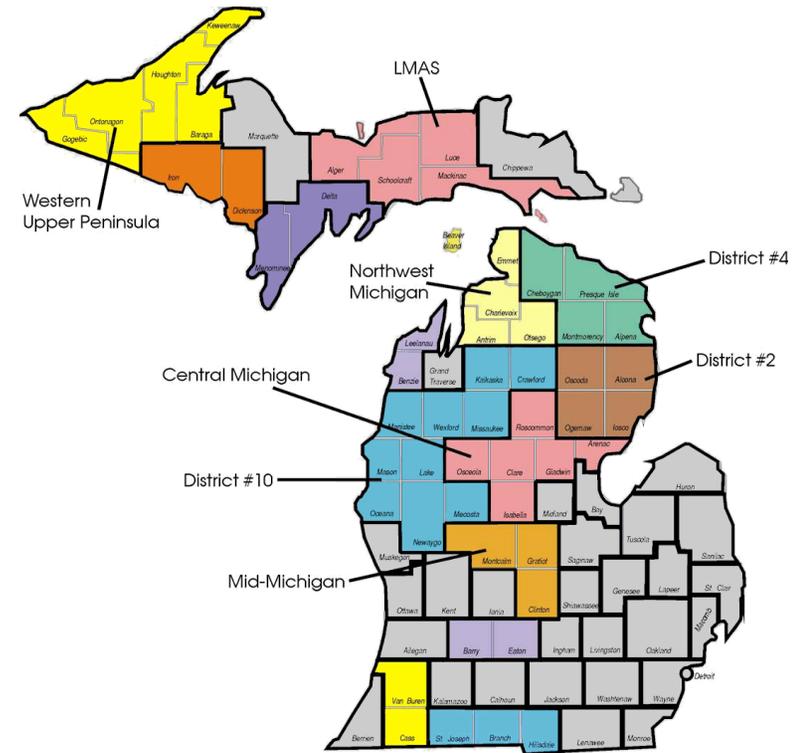
Public Health Administration

- **Bureau of Health and Wellness**
- **Bureau of Laboratories**
- **Bureau of Epidemiology and Population Health**
- **Bureau of EMS, Trauma and Preparedness**
- **Bureau of Infectious Disease Prevention (New)**

Local Public Health Departments

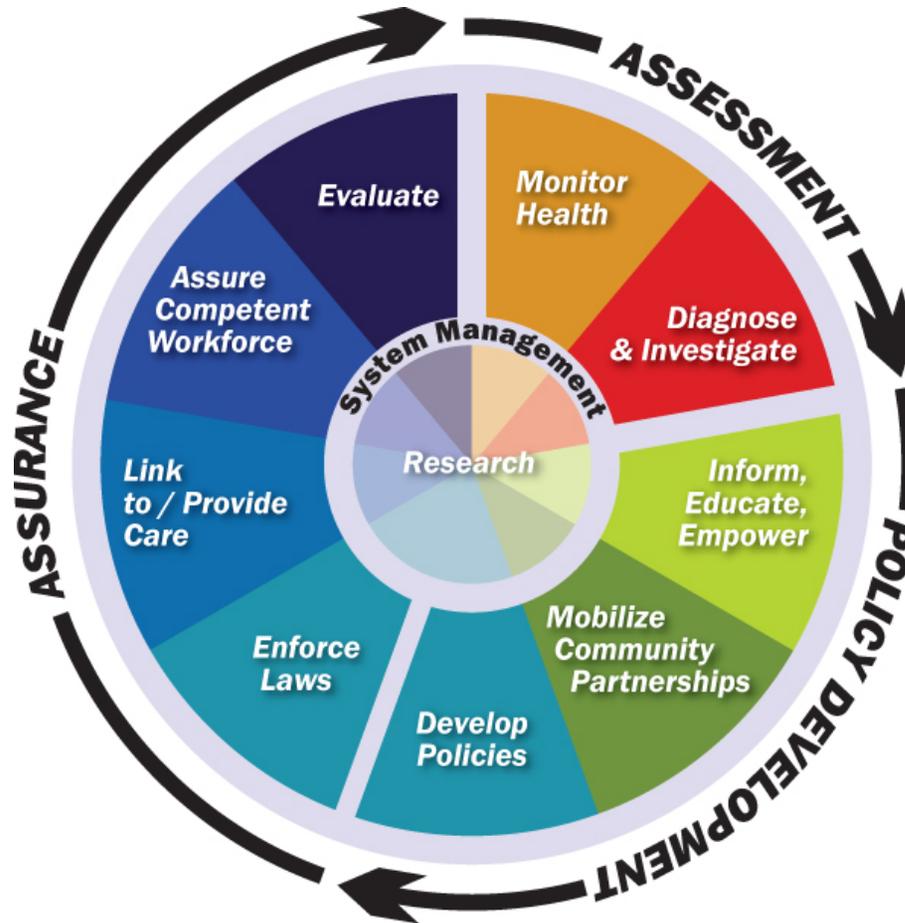
- 30 Counties
- 14 Districts
- 1 City

MDHHS Actively Engages Statewide Local Public Health Partners to Address Health Needs



LOCAL HEALTH DEPARTMENTS

10 Essential Public Health Services





Public Health Administration Accomplishments

- Michigan's Quitline launched an enhanced tobacco cessation program for youth under 18
- The Lab renewed accreditation by the College of American Pathologists, making Michigan one of only 9 states achieving full accreditation
- Community Health Emergency Coordination Center (CHECC) was activated to provide support to state and local partners in response to Hepatitis A, Eastern Equine Encephalitis (EEE) and Coronavirus (COVID-19)
- Implemented an electronic online licensing system that benefits 829 Emergency Medical Services Agencies statewide

Emerging Public Health Response

Infectious Disease

Hepatitis A

- 920 cases in community outbreak
- Vaccination and hand washing
- Community outbreaks continue in U.S.

Legionnaires disease

- Increasing number of cases in MI and U.S.
- Facilities investigation

Eastern Equine Encephalitis

- Michigan had 1/3 of U.S. cases
- Education, restrict activities
- Aerial treatment to kill adult mosquitos



Coronavirus disease 2019 (COVID-19)

- No confirmed cases in Michigan at this time
- Screening/testing, coordination and communication/education

Environmental Threats

PFAS

- Assess and respond to human health risk
- Exposure assessment and health studies

Action Level Exceedances for Lead and Copper

- 13 communities
- Public health recommendations for flushing
- Safety net program for filters
- Community engagement and education
- www.michigan.gov/mileadsafe

Vapor intrusion in homes

- Industrial solvents, dry cleaning fluids, gasoline
- Monitoring 305 sites, including 41 childcare sites
- Interim controls, mitigation, evacuation

Healthy Moms, Healthy Babies, Healthy Families

Context

- Unacceptable levels of maternal and infant mortality, including racial disparities
- Limited access to prevention, support services & home visiting
- More than 15% rate of postpartum depression, usually untreated

Response

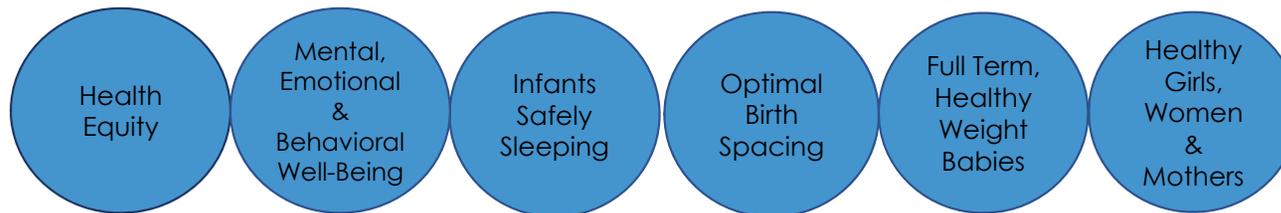
- Increase access to preventive services
- Expand and strengthen home visiting programs
- Broaden postpartum health care and assistance with depression

Expected impact

- Healthier births
- Lower maternal & infant mortality
- Better life outcomes across generations

Healthy Moms, Healthy Babies, Healthy Families

Mother Infant Health & Equity Improvement Plan



Zero Preventable Deaths, Zero Health Disparities

Increase access to preventive services

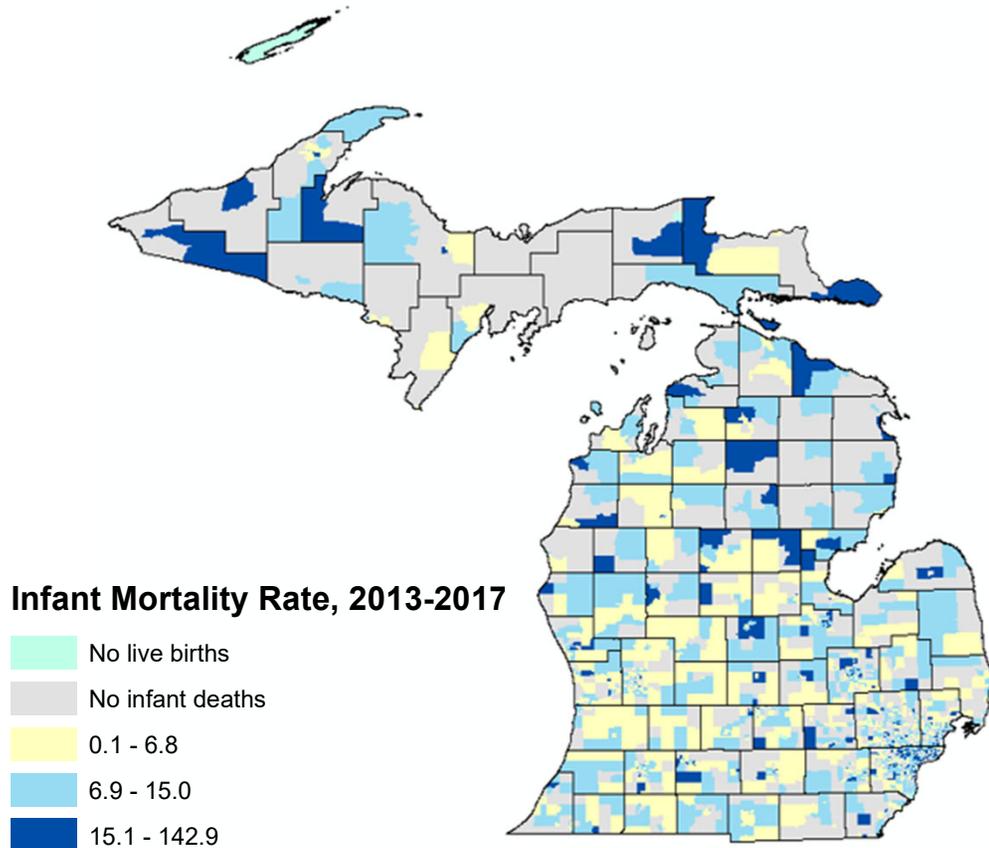
Expand & Strengthen home visiting programs

Broaden postpartum health care & assistance with depression

Healthy Moms, Healthy Babies

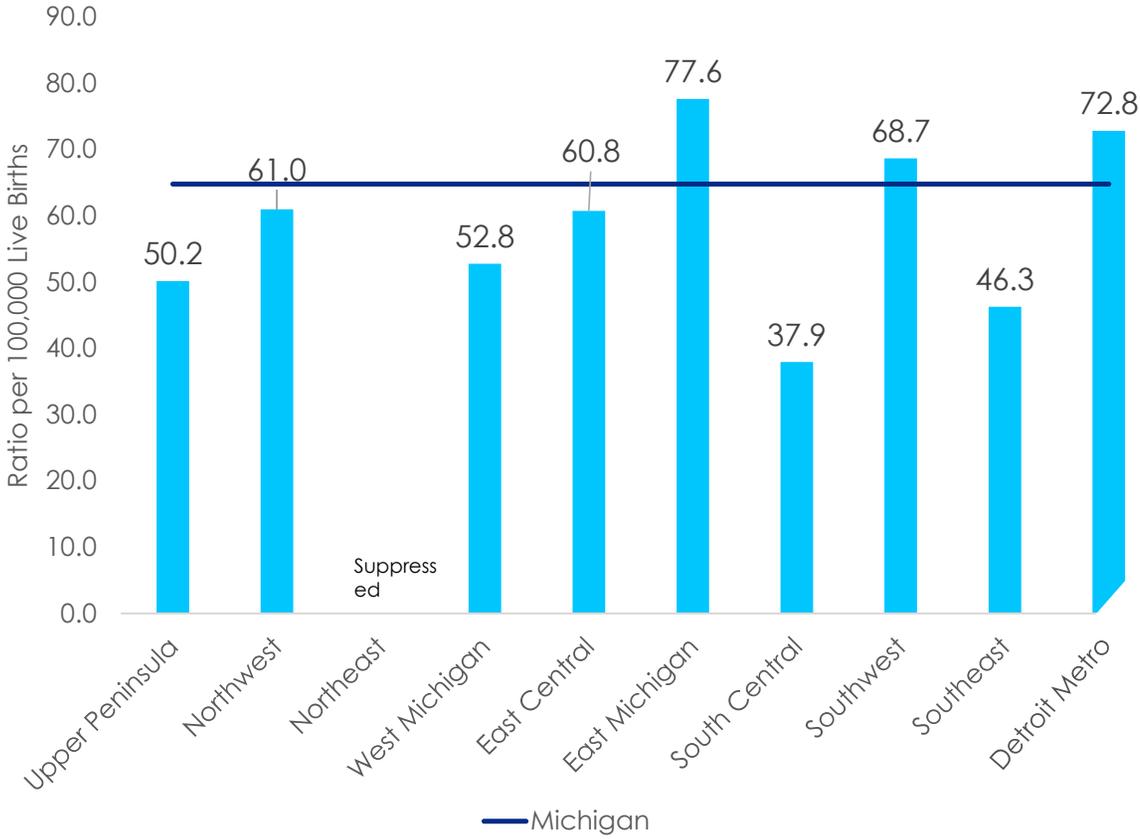


Michigan's Infant Mortality Rate 2013-2017



- In 2017, the infant mortality rate for the State of Michigan was **6.8 deaths** per 1,000 live births
 - **760** babies did not live to their first birthday in 2017
- Rate for the U.S. in 2017 was **5.8 deaths** per 1,000 live birth

Total Maternal Mortality Rate By Prosperity Region 2012-2016 (ratio per 100,000 live births)



- Pregnancy-related mortality ratio in 2016 for the State of Michigan was **11.5 deaths** per 100,000 live births
- Ratio for the U.S. in 2016 was **16.9 deaths** per 100,000 live births

Lead Poisoning Prevention Fund

Context

- **Over 370,000** units statewide with lead-based paint and children under age 6
- **Landlords and homeowners need access to capital** to abate affected homes

Response

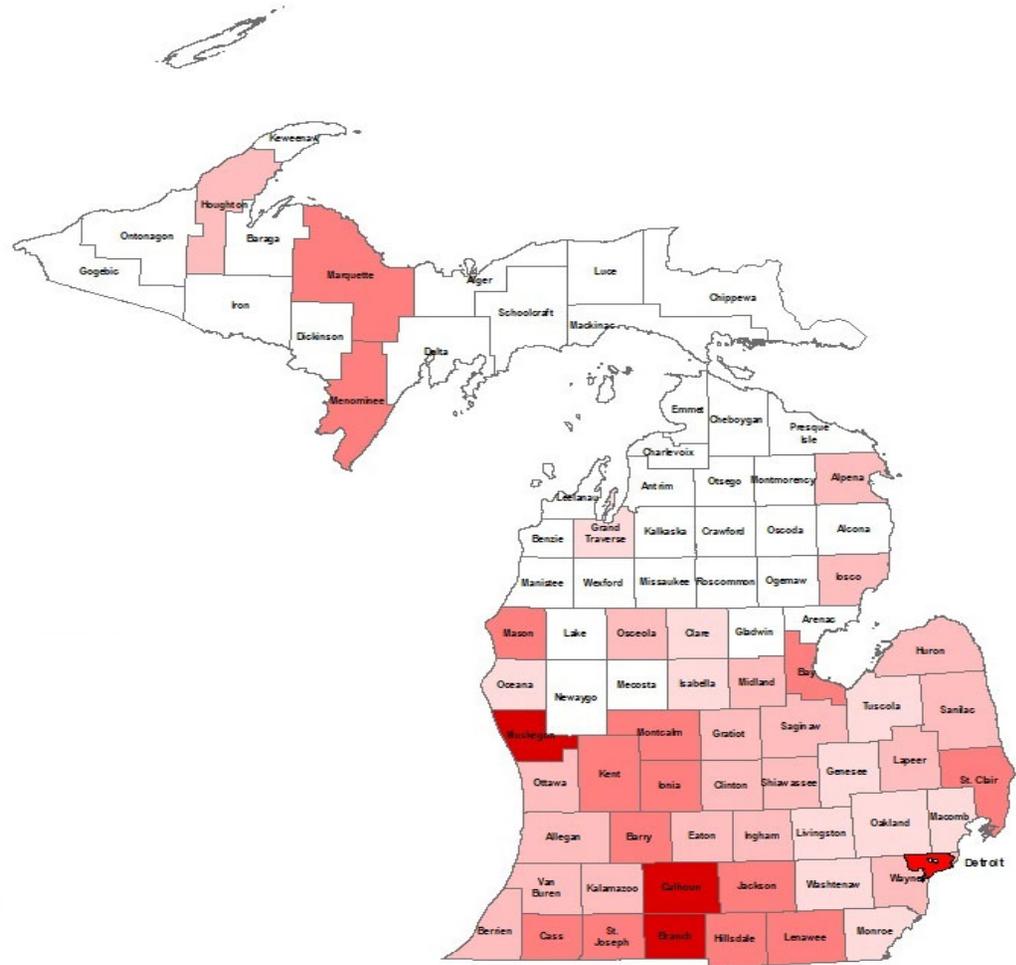
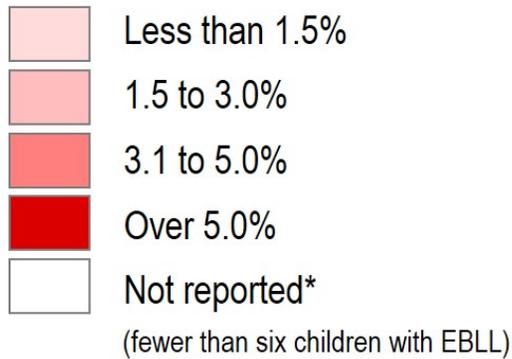
- **Establish a fund that expands access to private capital for landlords undertaking lead abatement**

Expected impact

- **More lead abatement**
- **Healthier children with better educational & employment outcomes**

Lead Testing

Percent of Tested Michigan Children Under 6 Years Old with Elevated Blood Lead Levels By County



Opioids Crisis Response

Context

- **Five Michiganders die every day** from opioid overdoses, on average
- Federal grants support many response efforts but **gaps remain**
 - Powerful **data** available – but does not trigger immediate response
 - Services lacking at **high-risk moments**: immediately after overdose or treatment

Solution

- **Use data to drive outreach and connect clients to services**
- **Fill gaps in continuum of care**

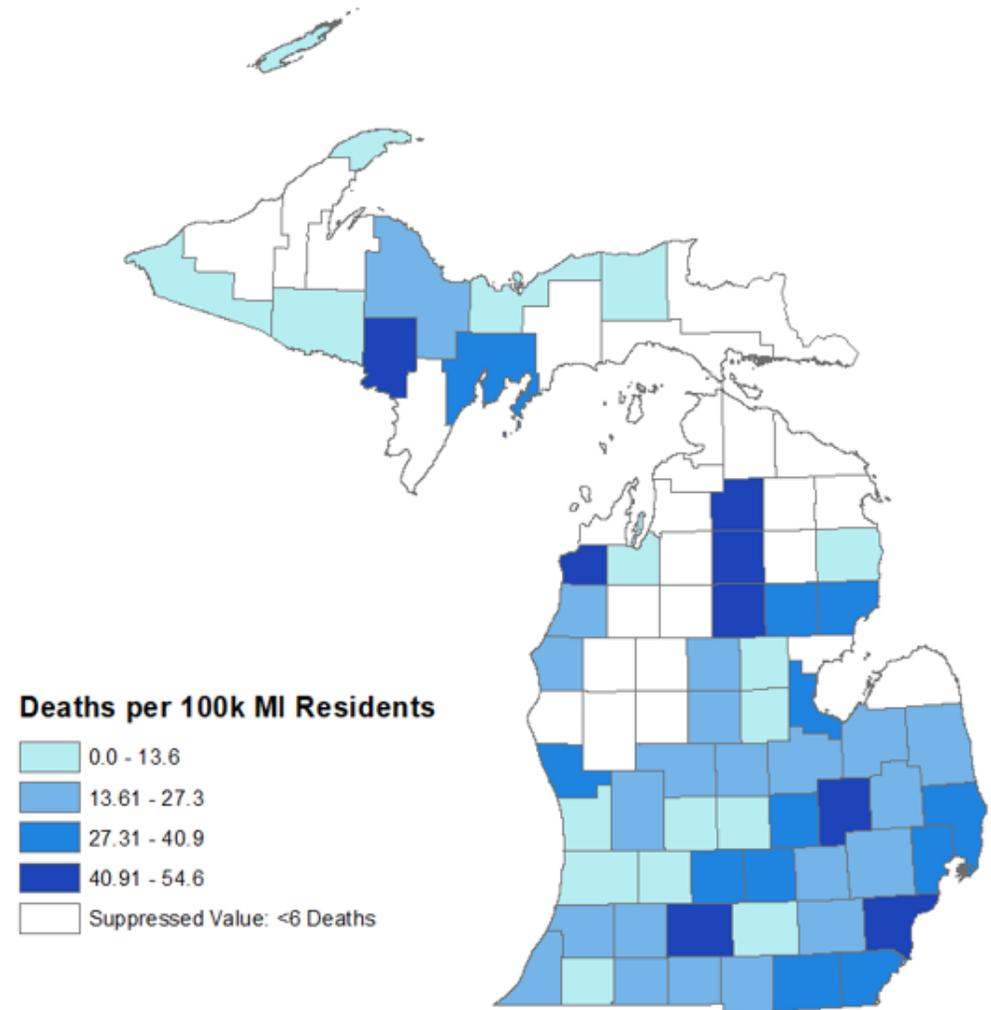
Expected impact

- **Fewer deaths**
- **More sustainable recovery for clients**

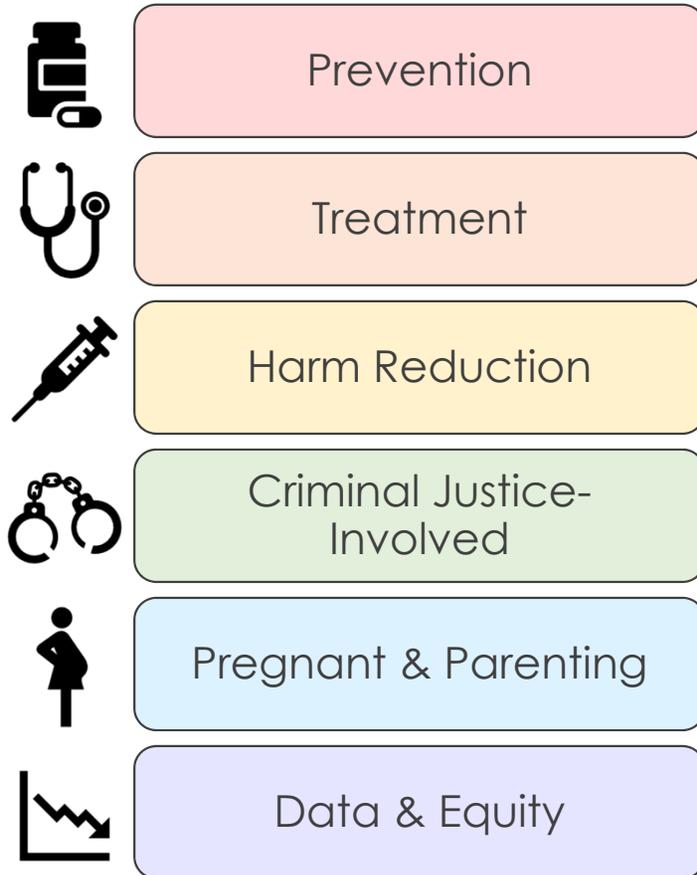
Drug Overdose Mortality

- Mortality rate highest in southeast, south-central, and northern lower peninsula
 - Wayne
 - Genesee
 - Calhoun
 - Roscommon
 - Crawford
 - Otsego
 - Benzie
 - Dickinson
- In 2018, overdose deaths fell by 3.2 percent, the first decline in six years
- But much more work to do, and counties like Wayne and Genesee still saw large increases

Drug Poisoning Age-Adjusted Mortality Rate per 100,000 Residents by County, Michigan 2018



Opioids Strategy



- Goal: cut opioid overdose deaths by half in five years
- Begins with public health principles:
 - Prevent drug use
 - Offer high-quality treatment to all
 - Reduce harm to individual and community
- Addresses populations with high overdose risk
- Highlights lenses that drive decision-making: data and equity

Dental Screenings and Oral Health Assessment Program

Context

- 35% of Michigan Head Start children aged 3-5 years have decay experience
- More than 20% of Head Start children have untreated tooth decay
- Tooth decay can cause pain and suffering, difficulty chewing and speaking, low self-esteem, affect learning and lost days in school
- Less than 30% of Medicaid children under age 5 received a preventive dental visit in 2018

Response

- Increase education to parents and children of importance of dental care
- Improve access to dental care
- Identify dental disease early

Expected impact

- Link children and families to care
- Decrease dental disease
- Mobilize partnerships with local health departments
- Healthier children with better educational outcomes



Legislative Liaison: Emily Schwarzkopf
Phone: 517-241-1629
Website: www.michigan.gov/mdhhs