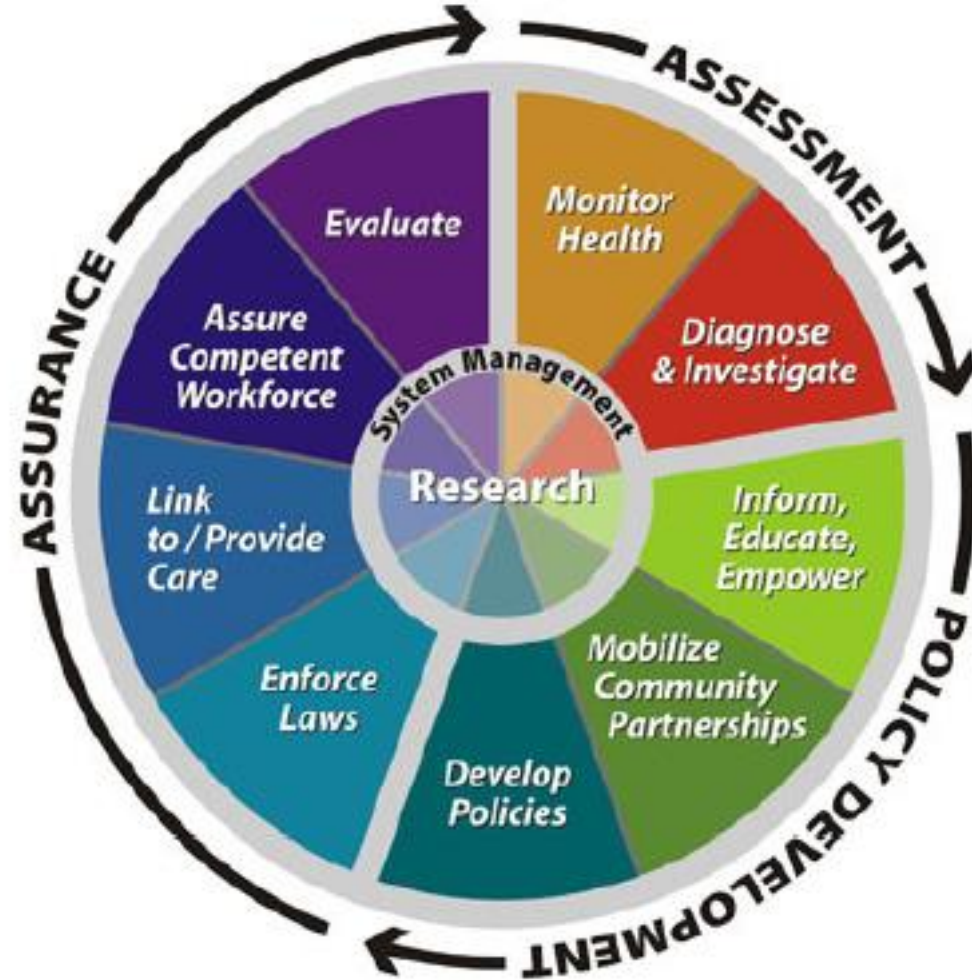


Health Policy Issues  
Envisioning Healthcare After COVID-19  
**Public Health**

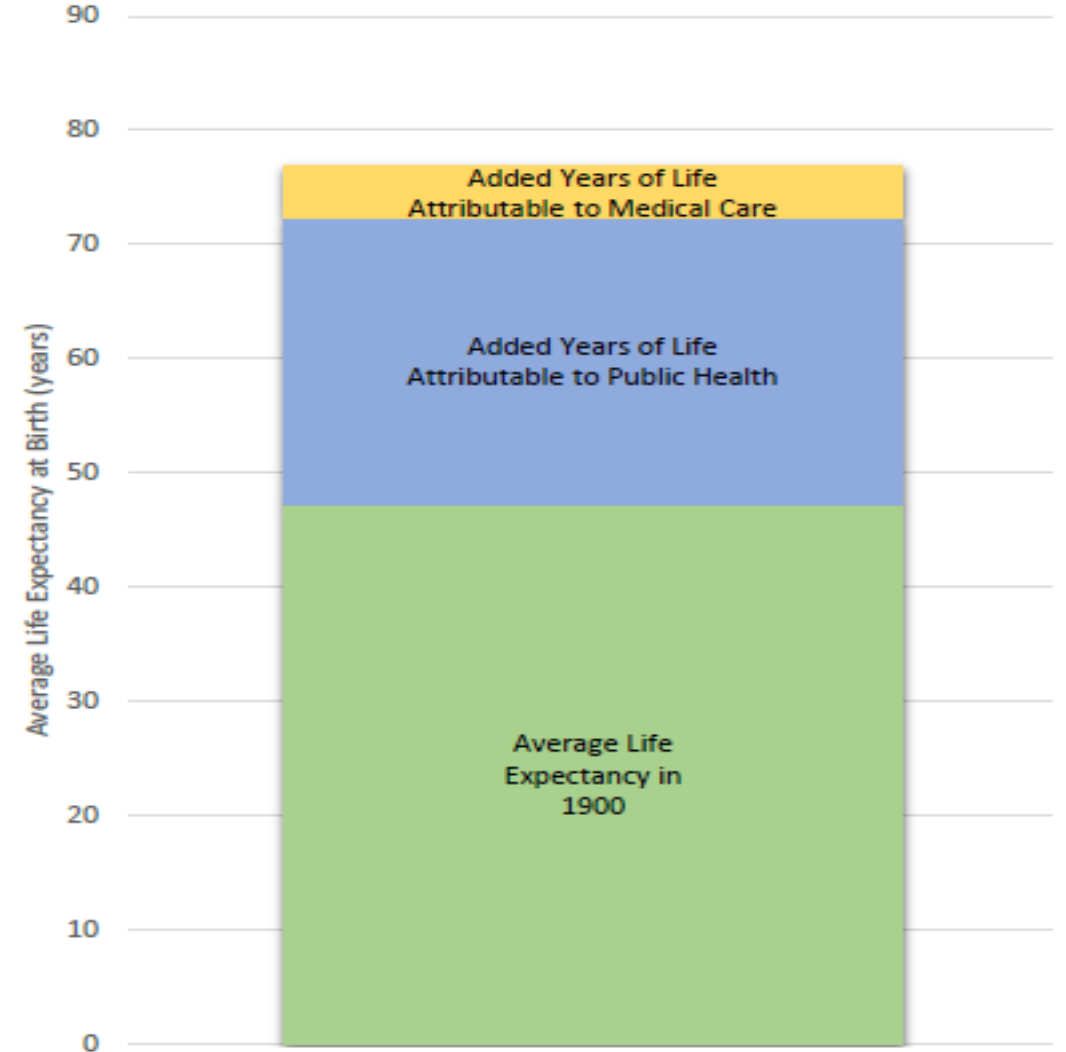
Annette Mercatante MD, MPH  
Medical Health Officer  
St Clair county Health Department

## Core Functions of Public Health



Source: Centers for Disease Control and Prevention.

## Proportion of Added Average Life Expectancy Attributable to Public Health Efforts in the Year 2000



Source: CDC Life Expectancy Estimates and "10 Great Public Health Achievements"



# Social Determinants of Health

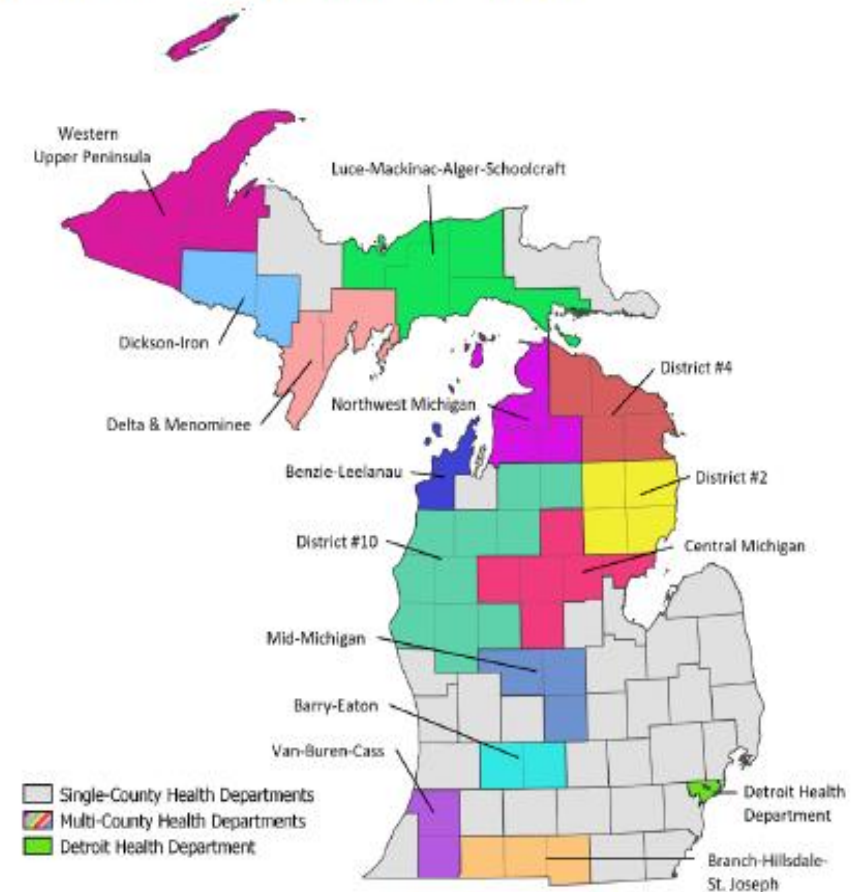
*Social Determinants of Health* are the complex, integrated, and overlapping social structures and economic systems that are responsible for most health inequities. These social structures and economic systems include the social environment, physical environment, health services, and structural and societal factors. Social determinants of health are shaped by the distribution of money, power, and resources throughout local communities, nations, and the world.

-Centers for Disease Control and Prevention (CDC)

# Michigan System

Michigan's 45 local public health departments play a vital role in protecting the public health of the residents of Michigan. Michigan statute requires local health departments to "continually and diligently endeavor to prevent disease, prolong life, and promote the public health through organized programs, including ... prevention and control of diseases... particularly vulnerable population groups;

Michigan's Local Health Departments



# Public Health Structure

After multiple past executive reorganizations and administrative restructuring, public health responsibilities have been spread across several state departments (rather than remaining the purview of the state health department – presently the Michigan Department of Health and Human Services).

The Department of Environmental Quality and Department of Agriculture and Rural Development have assumed important public health roles, and public health functions are also fulfilled by the State Police and the Department of Licensing and Regulatory affairs.

This fragmentation might be considered both a symptom and a cause of the marginalization of public health in Michigan.

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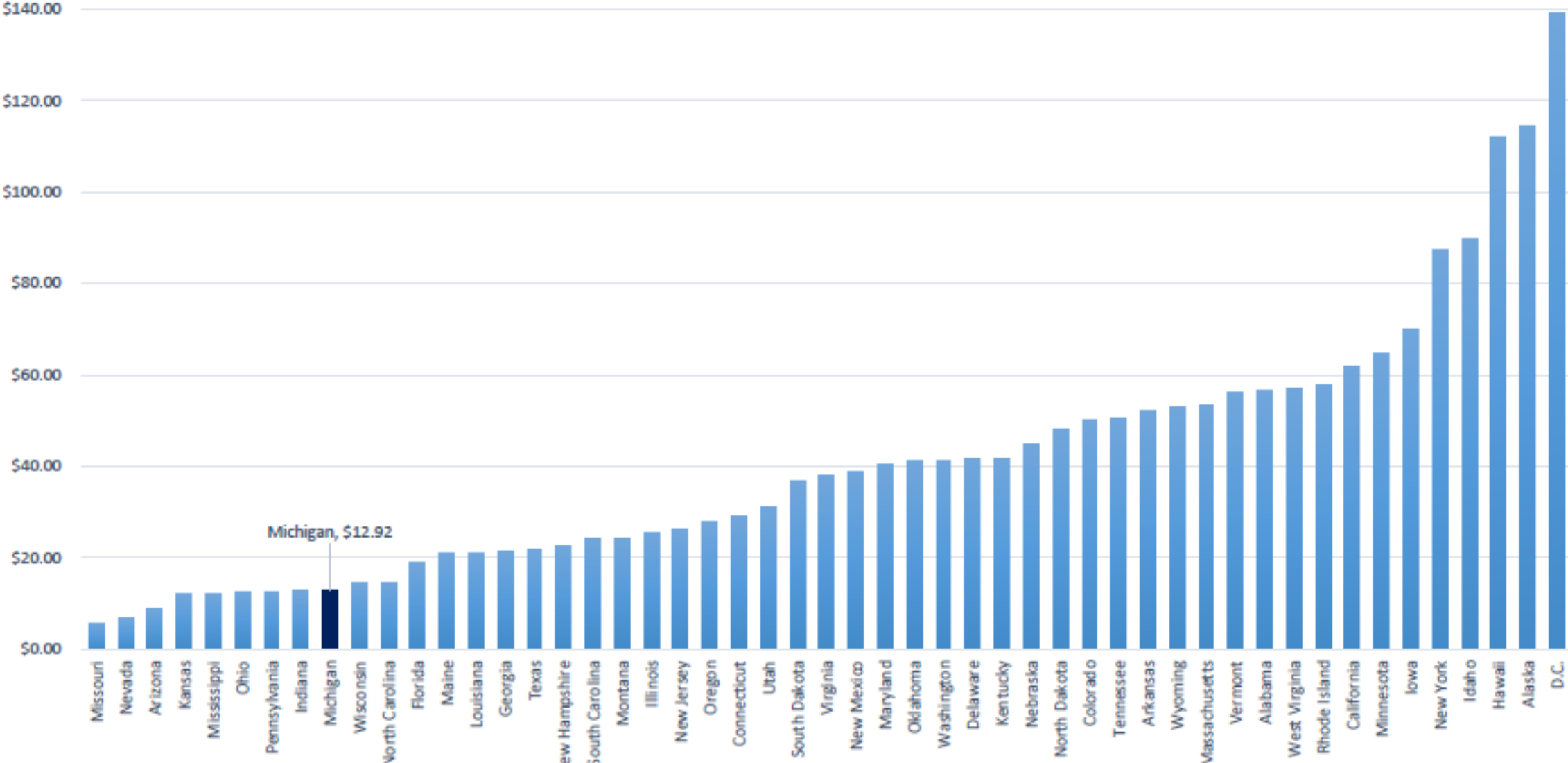


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102 YEARS OF UNCOMPROMISING POLICY RESEARCH

# AN OUNCE OF PREVENTION: WHAT PUBLIC HEALTH MEANS FOR MICHIGAN

# Per-Capita State Funding for Public Health, FY2017



Source: Trust for America's Health

# *Infectious Disease Control*

Local public health departments are the only central tracking source in the state for infectious disease incidence; that is, all new cases of infectious disease are reported to local health departments for monitoring and investigation

Tracking reportable disease at the local level ensures proper identification and follow-up of diseases.

Local health departments ensure that those affected receive appropriate treatment; track other people with whom infected individuals may have had contact for vaccination, treatment, quarantine, and education; and investigate and stop outbreaks



# Essential Service: Communicable Disease

**From 2014 to 2017, the reported number of Michigan communicable disease cases has increased by 58%.**

## Key Positions

CD Coordinator

Public Health Nurse

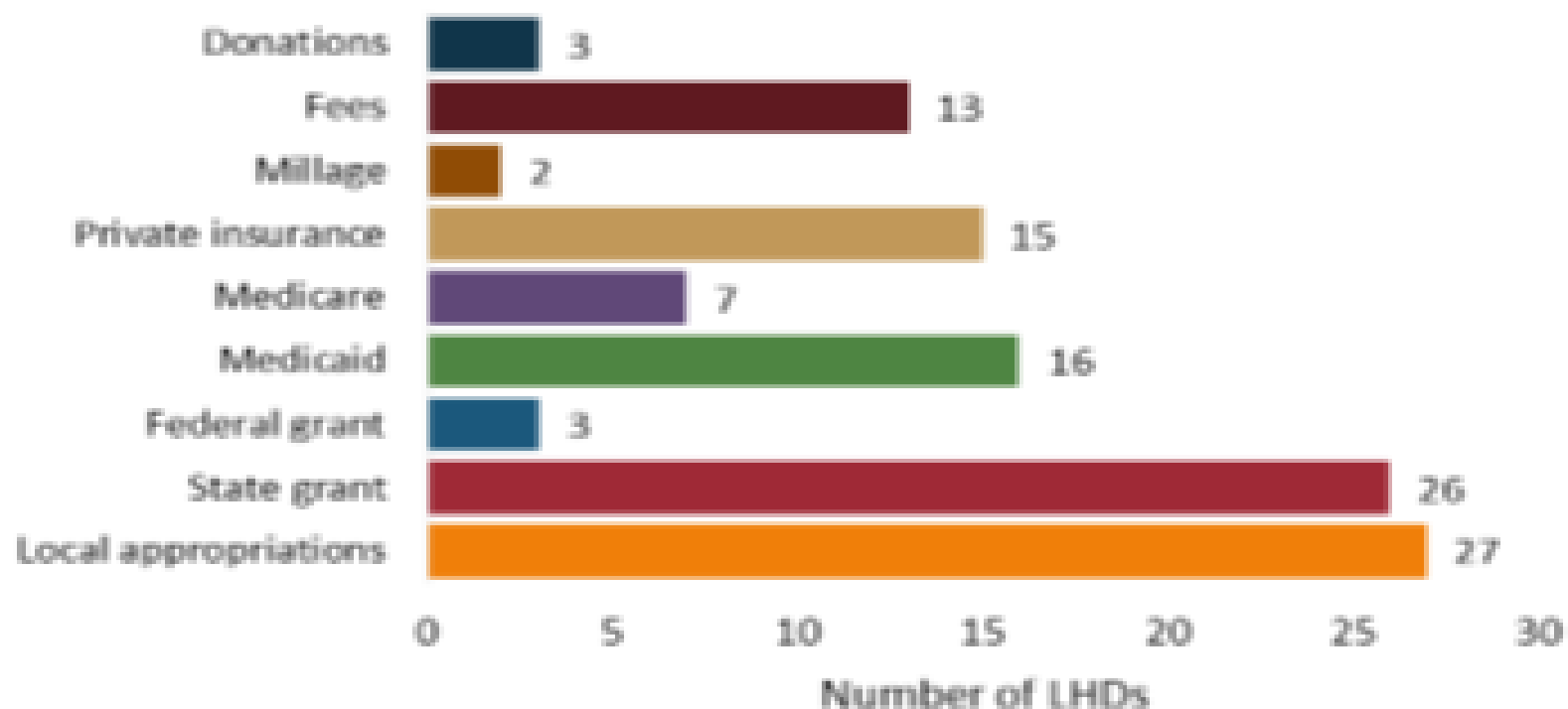
Billing/Support Staff

Public Health Physician

Regional Epidemiologist

## Statewide Communicable Disease Screening and Treatment Funding Sources

(N= 32 Local Health Departments)



# Examples of daily COVID-19 activities

Case Investigations and Contact Tracing

Facility and congregate setting outbreak investigation and management

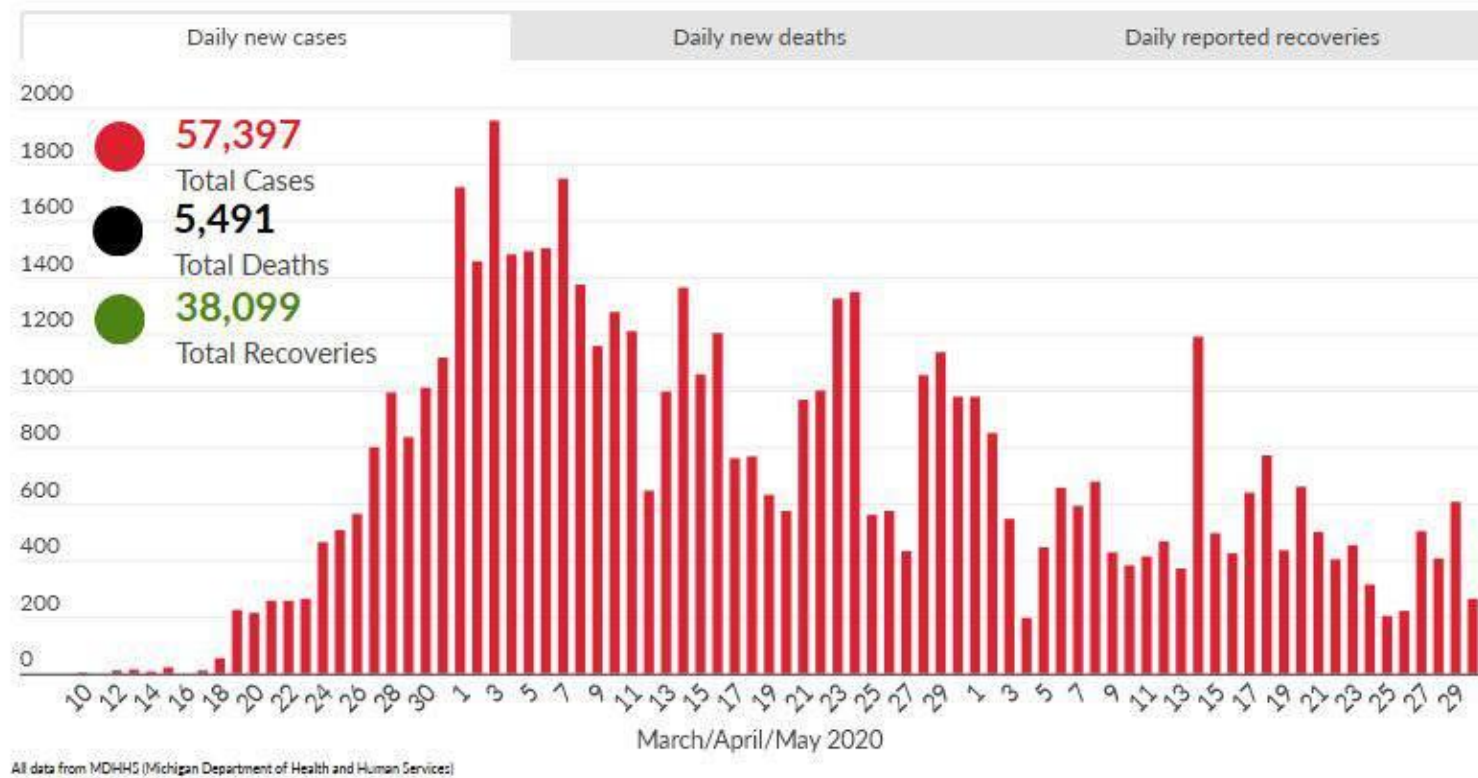
Daily communications with community leaders, public, and media

Data collections, analysis, and display

Lead for EOC

Daily calls with state, and local leadership as well as daily strategy sessions with fellow Health Officers, Medical directors and other specialties

# This data is validated locally:



# Questions?

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