



MDHHS: FY22 Budget Executive Recommendation

Public Health Administration

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

Public Health Administration (PHA) Bureaus

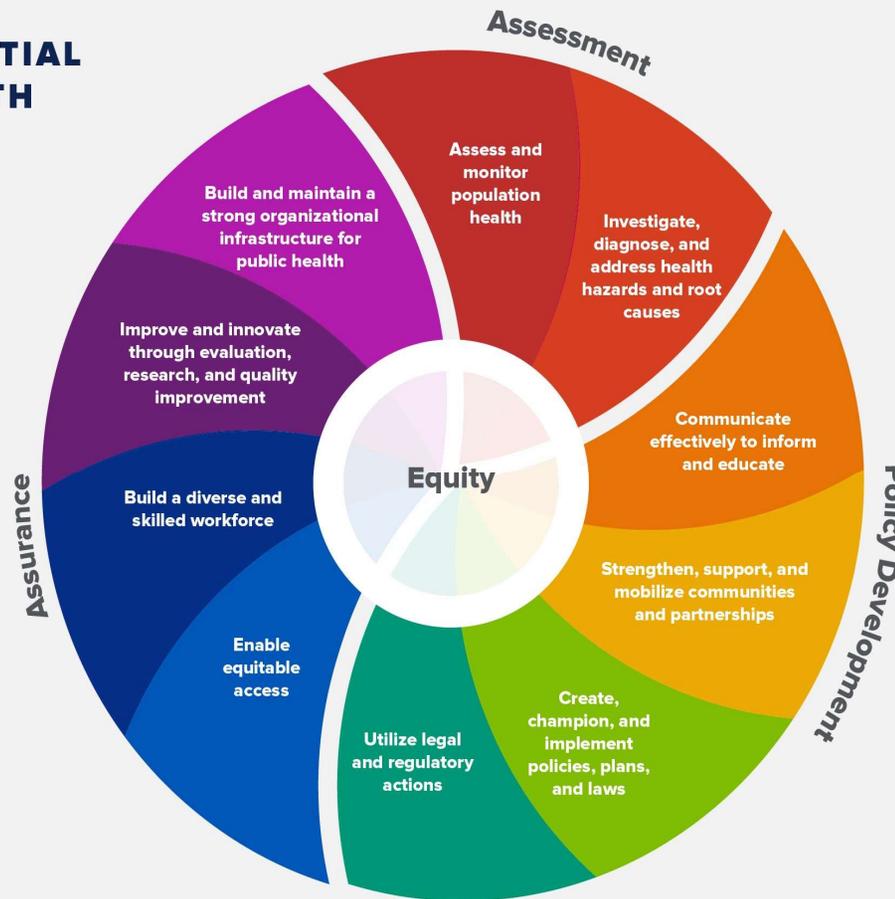
- **Bureau of Health and Wellness**
- **Bureau of Laboratories**
- **Bureau of Epidemiology and Population Health**
- **Bureau of EMS, Trauma and Preparedness**
- **Bureau of Infectious Disease Prevention**

10 Essential Public Health Services

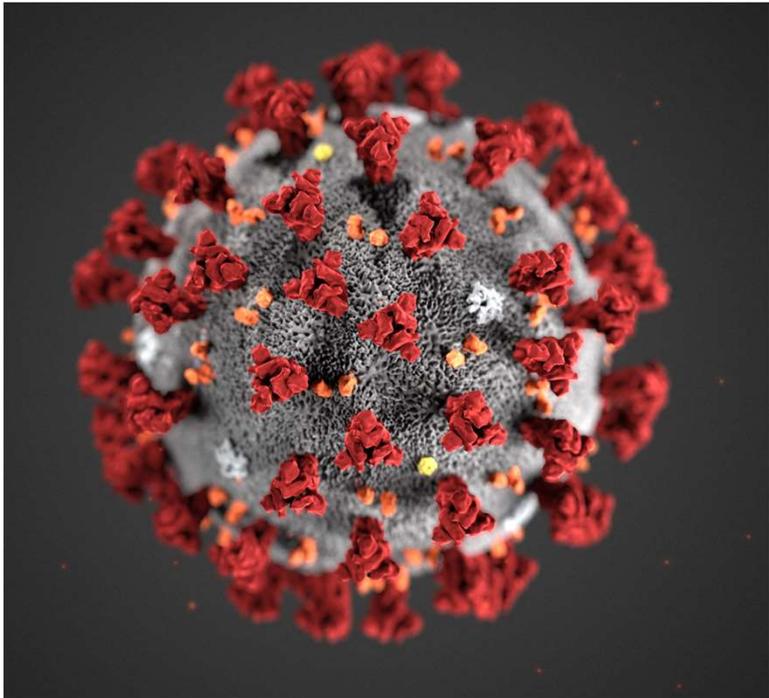
THE 10 ESSENTIAL PUBLIC HEALTH SERVICES

To protect and promote the health of all people in all communities

The 10 Essential Public Health Services provide a framework for public health to protect and promote the health of all people in all communities. To achieve optimal health for all, the Essential Public Health Services actively promote policies, systems, and services that enable good health and seek to remove obstacles and systemic and structural barriers, such as poverty, racism, gender discrimination, and other forms of oppression, that have resulted in health inequities. Everyone should have a fair and just opportunity to achieve good health and well-being.



PHA COVID -19 Emergency Preparedness Response



Community Health Coordination Center (CHECC) **activated on January 28, 2020:**

- Deployed **700 FEMA ventilators, 263 state procured ventilators** and other equipment to hospitals
- Coordinated logistics for **2.8 million antigen tests**
- Activated the MI Mortuary Response Team (MIMORT) to meet the hospital surge in SE Michigan
- Procured and allocated **millions of pieces of PPE** across the state

PHA COVID-19 Bureau of Laboratories (BOL) Response

- Reported out **over 100,000 SARS test results** (the largest number of samples ever handled in a 9-month period) Shipped **9,686,509** swabs and transport media received from FEMA/HHS
- BOL helped support laboratories across the state by providing de-identified residual specimens to assist sites with verifying assays (47 labs and over 1 600 residual specimens sent out) to begin accurate and reliable PCR testing for SARS CoV 2
- **Created a training program** for Abbott BinaxNOW antigen test; **trained 105 Michigan National Guard members**
- Since March 2020, performed **more than 6,000 SARS** CoV 2 whole genome sequences
 - **Assisted 11 states** to start performing sequencing
- Through late 2020, BOL was the **top public health lab in the country for sequencing volume**

PHA COVID-19 Testing Response



Coordination

- In the past 9 months, provided PCR test analysis for **8,787,987 collections**
- **567 test sites** in the test site finder tool
- Scheduled more than **3,253 events resulting in 175,339 sample collections**

Access

- **60,500 free** testing specimen collections at **1,170 neighborhood events within 7 miles** of their residences
- Provided **66,600 additional free** testing collections at **30 pharmacy sites** to ensure Michiganders were **no more than one hour away** from a free testing site

Delivery

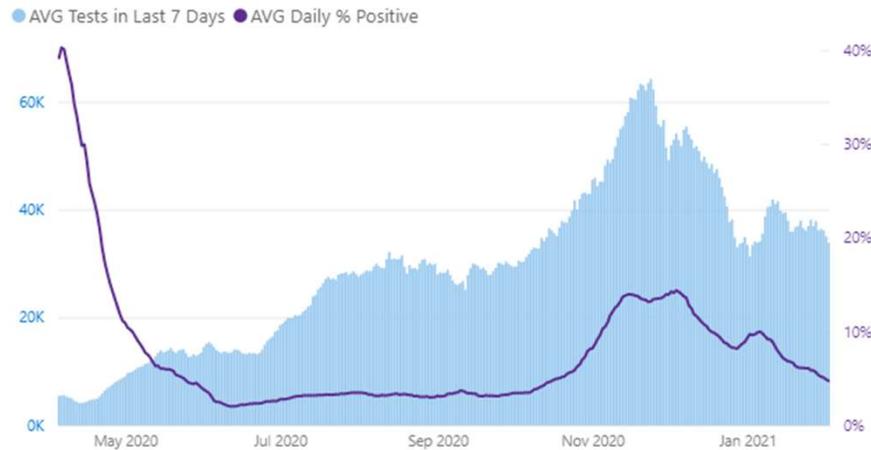
- Expanded testing to include saliva testing and antigen point of care testing
- Over 4 months, **delivered 2,433,960 antigen testing** supplies congregate care settings and vulnerable populations
- **363 schools** began testing **10,750 staff** (as of 2/2/21) to drive the re-opening of schools.

Testing Efforts Continue

Combined PCR and antigen testing growth in the last 10 months (April 2020 to February 2021) continue to improve, increasing from 423 per million to 3,400 per million.

PCR testing (blue bars), positivity (purple line)

Daily Tests last 7 days AVG and AVG Positivity

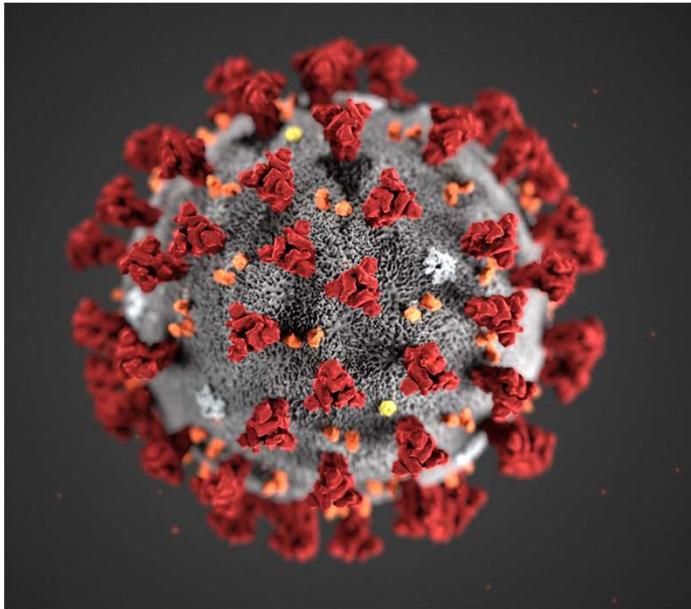


Antigen testing (blue bars), positivity (purple line)

Daily Tests last 7 days AVG and AVG Positivity



PHA COVID-19 Epidemiology Response



- Developed and enhanced multiple surveillance systems to support response; **processed more than 10 million laboratory test results** from **more than 300** labs
- As of 3/8/21
 - Confirmed and probable Cases: 658,355
 - COVID-19 Associated Deaths: 16,662
- Continues to partner with other State Departments and academia toward implementation of COVID-19 viral testing in wastewater systems
- Support for antigen testing for congregate settings, high school sports and school reopening

PHA COVID-19 Case Investigation and Contact Tracing Response

- Since May, investigated **over 126K COVID cases** with a first attempt; LHDs investigated 287k cases with a first interview attempt
- Utilized **150 case investigators** and **40 contact tracers**
- Management of over **100 volunteer staff** from LARA, MDARD, MDOT, etc.
- COVID-19 case interviews quality assurance - **99% surveyed strongly agreed that the investigator treated them with kindness and respect**



Public Health Administration COVID Vaccination Response



As of 3/8/21:

- Over 2.6M doses administered to-date
- 20.9% over age 15 have first dose
- 12.4% fully vaccinated
- 54.5% over age 65 have first dose
- Over 2.6k providers enrolled
- 76% of Federal Long Term Care (LTC) Program Facilities 2nd Dose Completed
- 21% of LTC 3rd Dose Clinics Completed

Other Important Public Health Responses

Infectious Disease

Eastern Equine Encephalitis

- Michigan had 30% of U.S. cases
- Education, restrict activities
- Aerial treatment of almost **half a million acres** to kill adult mosquitoes



Environmental

PFAS

- Working in **65 communities**; monitoring PFAS in drinking water from **1,291 households**

Action Level Exceedances for Lead and Copper

- **33 Lead and 7 copper communities**
- Assessed **507 homes** drinking water
- Safety net filters program: **38,700 filters**

Vapor intrusion in homes

- Industrial solvents, dry cleaning fluids, gasoline
- **Monitoring 196 sites with 333 homes, 5 churches, and 1 school**

Child Lead Exposure Response

- Coordinated with local public health nurses who made **826 home visits to 718 children**
- Home lead hazards Investigations: **419**
- Home lead abatements: **284 completed, 127 ongoing**
- Trained & certified professionals in lead abatement: **984**

FY21 Executive Recommendation Accomplishments

Healthy Moms, Healthy Babies, Healthy Families

- Ongoing MI Bridges enhancements to ease family linkage to home visiting services
- Identified communities for additional home visiting; goal to reduce child maltreatment (Family First Prevention Services Act)
- Increased Maternal Infant Health Program (MIHP) home visits beginning April 2021
- Foundational steps underway to expand postpartum Medicaid coverage

Lead Poisoning Prevention Fund

- Implemented cross-departmental working group to provide oversight
- Conducted stakeholder engagement regarding fund impacts and opportunities
- Identified potential philanthropic and financial partners for capitalizing the fund long-term

Other Bureau of Health and Wellness Accomplishments

Division of HIV/STI Programs

- Sustained decrease among new HIV diagnoses in young black men
- Expanded clinical care in Detroit and Wayne County

Division of Child and Adolescent Health

- Funded 12 new school-based health centers and programs
- Services include primary care, mental health services, health education and promotion, and Medicaid outreach and enrollment assistance

Division of Chronic Disease and Injury Control

- Between July 2019 and June 2020, Michigan had the 2nd highest number of enrollees of the 20 states participating in the My Life My Quit youth vape cessation program
- Provided trainings to community trainers on youth vaping

Infant Home Visiting

Context

- Approximately **5,607 infants** were born with prenatal substance exposure in **Michigan in 2018**, and only 85 percent had an Infant Plan of Safe Care
- **Less than 58%** had a referral to appropriate services

Response

- **1,000 additional home visiting slots** for support to infants born with substance exposure
- **Provide support to hospitals and clinics to hire or retain home visiting navigators to refer families to appropriate services and programs**

Expected impact

- **Improved family access to evidence-based home visiting programs and better engagement with participants to address this key risk factor among infants**

Other Investments

Investment	Description	Gross (\$M)	GF (\$M)
Lead Poisoning Prevention Fund	Continued one-time funding supporting a public-private loan loss reserve fund to help eliminate lead poisoning in Michigan homes.	10.0	10.0
Reducing Health Disparities	Expanded use of community navigators to improve access to needed health coverage and other social supports. Funds will also improve screening and health data sharing and promote the interoperability of various health data systems operated by the Michigan Health Information Network system.	8.4	5.1



Legislative Liaison: Emily Schwarzkopf
Email: schwarzkopf1@michigan.gov
Website: www.michigan.gov/mdhhs