



Health Commissioner / Medical Director Report

Public Health - Dayton & Montgomery County

March 1, 2017

This report provides a monthly update for the Board of Health, staff and the community. Our key activities are listed for the seven pillars that support our vision for improving the health of our community.

- Prevent the spread of disease
 - Protect against health threats
 - Promote healthy behaviors
 - Reach out to vulnerable populations
 - Mobilize community action through partnerships
 - Prepare for and respond to public health emergencies
 - Serve as a public health information resource
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Special items

Facilities Update

Reibold 3rd Floor Clinic: The environmental abatement activities concluded on February 9th and air sampling came back clean. The general contractor, Becker Construction, started demolition work on February 13th. They expect demolition work to be completed in the first week of March. The project is on schedule to be completed this year.

Elizabeth Place Addiction Services: The work continues in our efforts to provide Medication Assisted Treatment for our clients. Renovation activity includes HVAC rough-in work and the beginning of some finish work. The next few weeks will see voice and data lines installed, security systems installed, interior lighting, and the scheduling of the flooring crew. The project is on schedule to be completed in late March.

2017 Human Services Levy on the November Ballot

The Montgomery County Human Services Levy B will be on the November election ballot. The mandated Human Services Levy agencies (Public Health, ADAMHS, MCDJFS, DDS, Stillwater Center) have received a Levy Needs Questionnaire from the Montgomery County Human Services Planning and Development Department requesting an update for our respective programs, services and finances. This information will be used by the Human Services Levy Council for consideration when making a Levy millage recommendation to the Board of County Commissioners. We will be submitting our responses by March 10 and will attend the March 20 Human Services Levy Council meeting to present our information.

Prevent the spread of diseases

Local Investigations

Since the last Board of Health Meeting the following cases have been reported:

Condition	Number of Cases
Campylobacter	1
Giardiasis	1
Legionnaire's Disease	1
Lyme Disease	1
Malaria	1
Pertussis	6
Salmonella	1
Varicella	1

Scabies: The scabies outbreak is ending with no secondary cases reported among patients. In the four healthcare facilities involved, 179 symptomatic employees and 180 household contacts received treatment.

Mumps: At the time of this report, an outbreak of mumps with three confirmed cases had occurred in students at the University of Dayton (UD). Public Health generated an Incident Action Plan and is coordinating with UD and ODH. Symptomatic students are being isolated and further actions, including a vaccination campaign and timely notification of students, staff, and faculty are being organized.

Zika Virus: Anecdotal observations during the past two weeks report that mosquitoes are now active in Montgomery County. Ohio has had a total of 84 people with symptomatic Zika virus infections.

Zika Cases Across the United States:

	Pregnant women with laboratory evidence of Zika virus infection	Zika virus disease cases reported to ArboNET
US and DC:	1,455	5,040
US Territories:	3,156	37,023

Influenza: Influenza activity continues to be widespread in Ohio, though the prevalence of influenza-like illnesses remains moderately low and less than most other states. However, since the influenza season began last October, Montgomery County has had a total of 283 influenza-related hospitalizations (57% of all hospitalizations in this 10-county region). The number of hospitalizations the past several weeks has been more than double the 5-year historical average. Preble County is the only county in the region to have no reported influenza cases.

Ohio Department of Health X-Ray Inspection Site Visit

Public Health's Tuberculosis (TB) Program provides onsite evaluation for TB to residents of Montgomery County. In order to provide residents with comprehensive services, the TB Clinic's staff includes two radiographic technologists that are qualified to operate the TB Clinic's in-house portable x-ray machine. To maintain these services, the Ohio Department of Health (ODH) is required to perform an inspection of Public Health's x-ray equipment and radiation protection program every three years. The inspection includes assessment of personnel qualifications, general radiation protection, quality assurance, and equipment performance. The TB Program passed the inspection on February 10.

Tuberculosis Outreach for Local Active Case

Public Health's Tuberculosis (TB) Program works to control the spread of TB in Montgomery County. Part of this work involves performing contact investigations for residents who have come into contact with a person who may have had the potential to spread TB. Recently, as part of a contact investigation, the TB Program performed outreach testing at a local high school after a student was found to have active TB disease. The TB Program provided onsite TB skin testing for over 150 students and faculty at the school on two separate occasions in January and February. Eight staff members from the TB Program and Office Support Specialists participated in the events. Any clients that needed further evaluation came to the TB Clinic for additional services, such as T-Spot, chest x-ray, or physician exam. Thus far, no students or faculty have needed treatment for latent TB infection.

Promote healthy behaviors

Upcoming Event: "Building a Healthy Dayton: Next Steps"

The University of Dayton and Miami Valley Hospital will hold their 8th Annual Healthcare Symposium titled "Building a Healthy Dayton: Next Steps" on March 25, 2017 from 8 am to 1:30 pm at the John F. Kennedy Union Ballroom on the University of Dayton campus. This event is a unique opportunity for UD students, alumni, healthcare professionals and community members to come together for a day of dialogue and continuing education.

The 2017 symposium will focus on expanding the vision of healthcare to successfully meet the physical, emotional, mental, social, and spiritual needs of patients and families towards building a healthy community. The event will feature four speakers from Public Health:

Jeff Cooper

The Health of Montgomery County – an overview of the top health issues in Montgomery County and how they are impacting residents.

Terra Williams and Sara Paton

Birth Outcomes – an examination of the critical issues of infant mortality and birth outcomes in the greater Dayton area.

Barbara Marsh

The Opioid Epidemic – Recovery is Possible – a presentation of state and local data on the opioid epidemic as well as resources available in the community.

Student Art Contests Raise Awareness of Problem Gambling

The Montgomery County Problem Gambling Prevention Coalition is a group of volunteers from different sectors within greater Dayton/Montgomery County working together to increase awareness and knowledge of problem gambling in both youth and adults. To help accomplish these goals, the coalition along with Public Health’s Addiction Services and the ADAMHS Board of Montgomery County sponsored two calendar art contests. Students from local schools participated in a “Gambling 101” presentation and were also given a fact sheet, a newsletter and handouts from the award-winning “Be the 95%” statewide gambling campaign. Art students from Wright Brothers, West Carrollton, E.J. Brown Middle School, and Ponitz Career Technology Center participated. Each student created an artistic poster that included a problem gambling prevention message. A group of judges scored the artwork and the highest rated poster was selected as the calendar cover. Twelve additional posters were selected and featured for each month of the year. The calendars were divided into the following submission categories:

“Fine Arts” – created by middle school youth using techniques such as sketching or drawing with crayons, colored pencils or markers.

“Graphic Arts” – created by students at the Ponitz Career Technology School utilizing computer software programs such as Illustrator, InDesign and Photoshop.

Both calendars are being distributed throughout the greater Dayton area to help commemorate National Problem Gambling Awareness Month, which is held in March each year. To celebrate the winners and their art, students will be recognized during award ceremonies among their peers, teachers and families. Photographs from these events will be featured on numerous public websites and on various social media platforms to create additional awareness in the community.

Mobilize community action through partnerships

Public Health Forms Montgomery County Hypertension Collaborative

In order to improve the quality of healthcare delivery to populations with the highest hypertension and prediabetes disparities, Public Health has formed the Montgomery County Hypertension Collaborative. The Collaborative is integrating optimal use of electronic health records and innovative care models to improve healthcare and outcomes for patients with hypertension and prediabetes. Outcomes for this collaborative include:

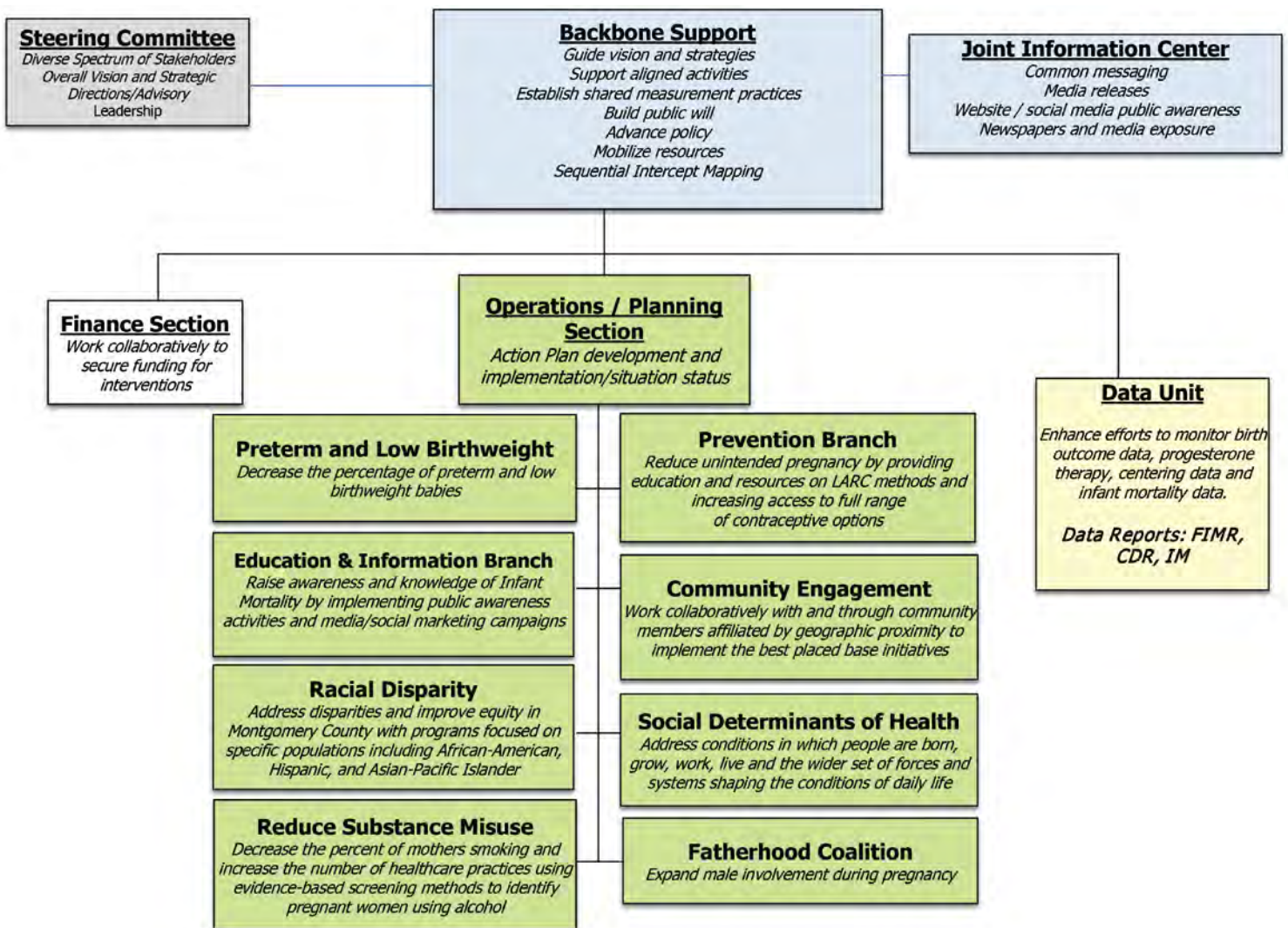
- improving self-monitoring of high blood pressure tied to clinical support
- improving medication adherence for adults with high blood pressure
- increasing referrals to lifestyle change programs for people with prediabetes

The Hypertension Collaborative is made up of both providers and pharmacists, and more members are being recruited. Public Health is distributing a Hypertension Collaborative newsletter to improve communication and share resources with members and the wider healthcare community. The

newsletter will provide details for electronic health record technical assistance, list upcoming quality improvement opportunities, and share relevant resources. The Hypertension Collaborative is funded by the Communities Preventing Chronic Disease grant from the Ohio Department of Health and Centers for Disease Control and Prevention.

Improving Birth Outcomes

On February 21 the bi-monthly Infant Mortality Coalition meeting was held. Our internal Maternal and Child Health team presented a preliminary plan for restructuring the Dayton – Montgomery County Ohio Equity Institute (OEI) team. Consistent with our collective impact framework for addressing unintentional drug overdose deaths, the proposed structure for reducing the racial disparity in Montgomery County’s infant mortality rate is as follows:



The proposed structure will provide inclusiveness to tackle entrenched and complex social problems. It is an innovative approach to making collaboration work across government, business, non-profit organizations, education systems and citizens to achieve significant and lasting change. Through this structure, our community will use data to target strategies and track progress, enhance existing evidence-based interventions, guide our public health system toward better outcomes and better address the social determinants of health.

Service Gaps Identified in Opioid Epidemic

The Community Overdose Action Team Steering Committee met on February 24 at the Montgomery County Administration Building to receive an update and discuss current strategies aimed at reducing unintentional overdose deaths in Montgomery County. In 2015 there were 259 people who died from a drug overdose and we estimate 355 deaths for 2016. The COAT has identified four priority areas to help in the fight against the opioid epidemic:

- Access to services and insufficient services
- Medical detoxification
- Jail re-entry linkage
- Transitional and recovery housing

Other future COAT action items include expanding naloxone distribution, expanding treatment bed capacity, increasing law enforcement efforts and exploring grant opportunities. Currently there are two federal grant opportunities to assist local communities in addressing the opioid epidemic. The state would then disperse the dollars based upon the density of the epidemic in each county to local Alcohol, Drug Addiction and Mental Health Services and Public Health Boards.

Serve as a public health information resource

During the past few weeks, we have had numerous contacts with TV, radio, and print.

The following are a few examples:

- Channel 2, Channel 45, Channel 7, WHIO, DDN on scabies outbreak
- Channel 7 on lead program
- DDN on landfills
- DDN on Stony Hollow landfill
- Channel 7 on Affordable Care Act signup
- CNN, DDN, WYSO, Greenville Daily Advocate on overdose deaths
- DDN on Problem Gambling Prevention calendars
- DDN on flu deaths
- DDN, WHIO radio, Channel 7, and Channel 22/45 on flu in Montgomery County
- WHIO on school closings due to illness
- Press Release - National Women and Girls HIV Awareness Day 2017
- WYSO on flu hospitalizations
- DDN on the Overdose Death Review Panel
- Channel 2 on pollen and mold
- Channel 2, Channel 45, Channel 7, WHIO, DDN on mumps at UD

Jeff Cooper and Michael Dohn, M.D.