Many things can affect a person’s overall health and well-being. Healthcare, a healthy diet and adequate physical activity may instantly come to mind for some people, so too might one’s genes, but ultimately health is most strongly affected by other, less obvious factors. The conditions in which we grow, live and work have a profound effect upon our health. If we are constantly fearful, worried or marginalized, it can cause long-term harm. Optimum health cannot occur in a hostile environment.

The Ingham County Health Department is dedicated to promoting a welcoming environment for everyone who seeks services from the health department. This is not only good customer service, it’s good health. Taking steps to ensure a welcoming environment for our clients/patients is just as critical as capturing a correct date of birth or taking a patient’s vital signs. Hospitality, or lack thereof, matters.

We made great strides in 2017 in creating conditions conducive to good health. Our community health centers were named a “Leader in LGBTQ Healthcare Equality” by the Human Rights Campaign. Ingham Community Health Centers was one of just two healthcare providers in Michigan to receive the coveted Leader status. We also elevated the level of care we offer in our community health centers by opening a convenient, on-site pharmacy at Forest Community Health Center and by reaching out to our community’s homeless population with the acquisition of the Sparrow Volunteers of America Community Health Center.

Looking beyond our community health centers, we worked with our County Controller and Board of Commissioners to ensure that all county facilities are free of the harmful second-hand vapors associated with the use of electronic cigarettes. We also began working with our Board of Health to support and encourage a breastfeeding-friendly atmosphere in county facilities. Additionally, the health department worked with the Ingham County Parks Department to install signage to ensure that those visiting county parks know how to protect themselves from Lyme disease while still enjoying our county’s 1,000+ acres of parks and trails.

As a community, Ingham County’s work to promote health was recognized by the Robert Wood Johnson Foundation’s Culture of Health Prize. Ingham County was a top-eleven finalist, selected from more than 200 community applicants. Alongside many community partners, it was a chance for all of us to showcase our decades-long history of not only advancing access to healthcare, but also cultivating infrastructure and resources that promote health at a fundamental level. The health department also received national attention in 2017 when we were chosen to participate in The Kresge Foundation’s Emerging Leaders in Public Health initiative. The project is still underway, but the team will likely use its planning grant to increase health equity by addressing social determinants of health in the community.

I am proud of the work we have done in 2017 to make Ingham County a more welcoming, and ultimately healthier, place. This report details the strides we have taken in 2017.

Sincerely,

Linda S. Vail, MPA
Ingham County Health Officer
### ABOUT INGHAM COUNTY

- **County Seat:** Mason, Michigan
- **Population Density:** 505.1 persons per square mile
- **Births:** 3,331 (2016)
- **Deaths:** 2,026 (2016)
- **Leading Causes of Death:** Heart Disease, Cancer, Chronic Lower Respiratory Disease, Unintentional Injuries, Stroke
- **Infant Mortality Rate (2014-16):** Total: 6.4 ± 1.6 deaths per 1,000 births
  - White: 4.6 ± 1.6 deaths per 1,000 births
  - Black: 14.2 ± 5.5 deaths per 1,000 births
- **Age Group:** Under 5 years: 5.6%, 5-19 years: 20.1%, 20-44 years: 39.0%, 45-64 years: 22.7%, 65+ years: 12.6%
- **Race/Ethnicity:**
  - White: 76.4%
  - Black: 12.2%
  - Hispanic or Latino (any race): 7.7%
  - Asian/Pacific Islander: 6.8%
  - American Indian/Alaskan Native: 0.6%
  - Two or More Races: 4.0%
- **Persons in Poverty:** 20.4%

### COMMUNITY HEALTH CENTERS

Ingham Community Health Centers are comprised of eight primary care centers in Lansing. They were the first public-entity administered Federally Qualified Health Centers (FQHCs) in the state.

#### Number of Medical Visits

- **Maternal/Infant Visits:**
  - 2015: 50,813
  - 2016: 55,395
  - 2017: 58,064

- **Dental Visits:**
  - 2015: 13,092
  - 2016: 20,485
  - 2017: 25,354

### 2017 HIGHLIGHTS

- Forest Community Pharmacy, located inside Forest Community Health Center, opened in September. The co-location is a convenience for health center patients.
- In partnership with Sparrow Health System and Volunteers of America, the Ingham Community Health Centers acquired the Sparrow Volunteers of America Health Center.
- Ingham Community Health Centers was named a 2017 Leader in LGBTQ Healthcare Equality by the Human Rights Campaign Foundation (HRC). Only one other healthcare provider in Michigan received the coveted Leader status in 2017.

### FINANCE

**Funds & Expenditures, Jan. 1–Dec. 31, 2017**

- **FUNDING:** $41,381,405
  - Federal/State: 33.4%
  - Medicaid/Medicaid/Commercial Payments: 33.7%
  - Community Health Centers Clinical: 37.0%
  - Community Health Centers Administration: 11.2%
  - Maternal and Child Health: 10.9%
  - Medicare/Medicaid/Commercial Payments: 33.7%
  - Other Sources: 3.0%

- **EXPENDITURES:** $41,381,405
  - Health Department Administration: 7.2%
  - Medical Examiner: 1.0%
  - Health Promotion and Prevention: 13.4%
  - Communicable Disease Control: 10.7%
  - Environmental Health: 5.3%
  - Maternal and Child Health: 10.9%
  - Jail Medical/Youth Center: 3.5%
  - Community Health Centers Clinical: 37.0%
  - Other Sources: 3.0%
  - General Fund: 25.6%
  - Fees (Environmental Health): 4.3%
### COMMUNICABLE DISEASE

The Communicable Disease Control Division is responsible for the epidemiological investigation, prevention, intervention, control and surveillance of communicable diseases in Ingham County to protect the public’s health.

<table>
<thead>
<tr>
<th>Year</th>
<th>STI/HIV Clinic Visits</th>
<th>Lyme Disease Cases</th>
<th>Communicable Disease Cases Investigated</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>1,269</td>
<td>10</td>
<td>1,259</td>
</tr>
<tr>
<td>2016</td>
<td></td>
<td></td>
<td>1,435</td>
</tr>
<tr>
<td>2017</td>
<td></td>
<td></td>
<td>1,832</td>
</tr>
</tbody>
</table>

### ENVIRONMENTAL HEALTH

Environmental Health (EH) protects the public from adverse impacts of environmental factors (man-made, natural, biological or chemical) by responding to complaints and enforcing federal, state and local statutes.

<table>
<thead>
<tr>
<th>Year</th>
<th>Licensed Fixed Food Service Establishments</th>
<th>Pounds of Hazardous Household Waste Collected</th>
<th>Vaccines (injections, inc. Flu)</th>
<th>STI/HIV Clinic Visits</th>
<th>Lyme Disease Cases</th>
<th>Communicable Disease Cases Investigated</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2016</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2017</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### 2017 HIGHLIGHTS

- A statewide outbreak of hepatitis A began in August 2016. More than 800 people have been affected. In 2017, 12 cases in Ingham County were connected to the outbreak. The Immunizations Program conducted 36 hepatitis A vaccination outreach clinics in 2017.
- To increase the availability of condoms, the HIV/STI Prevention program partnered with two community centers and increased outreach efforts, including mailing condoms to people who request them online. The number of chlamydia and gonorrhea cases fell 6% and 30% respectively.

- With funding from the Michigan Department of Environmental Quality, the Ingham County Health Department and other partners hosted an extremely successful scrap tire collection that resulted in the recycling of more than 4,000 old tires.
- Hazardous Household Waste collection increased 36% in 2017 compared to 2016.
MATERNAL AND CHILD HEALTH

Maternal and Child Health (MCH) provides community nursing, nutrition education and social work services in homes, schools and other community settings. Services are largely directed at preventing health problems in high-risk populations.

Total MCH Home Visits

- Ingham County: 7,863
- Michigan: 76.69%

WIC Clients Initiating Breastfeeding at Birth

- Ingham County: 100%
- Michigan: 65.57%

HEALTH PROMOTION AND PREVENTION

Health Promotion and Prevention works to promote wellness and prevent illness across the lifespan. Initiatives focus on maintaining the health and well-being of adults and families in the community.

Pathways (Plans of Care) completed for people w. chronic illnesses

- Ingham County: 3,249
- Michigan: 65.57%

People enrolled in health plans

- Ingham County: 6,703
- Michigan: 50%

Tobacco Retailer Compliance Checks

- Ingham County: 289
- Michigan: 2017

Cancers Found through the Breast and Cervical Cancer Control Navigation Program (BCCCNP)

- Ingham County: 15
- Michigan: 9

Children's Special Health Care Services Clients

- Ingham County: 912
- Michigan: 9

2017 HIGHLIGHTS

- The Mobile Health Clinic, a partnership with Sparrow Health System and Dean Transportation, made 18 stops, providing medical services, screenings and health services to members of the community.
- The health department received an $82,993 award from Mid-State Health Network to support the Ingham Opioid Abuse and Prevention Initiative (IOAPI) and to provide assistance with coordinating substance abuse services.
- For the first time in ten years (since the opioid epidemic began in Ingham County), opioid-related overdose deaths slightly decreased in 2017.
Community Health, Planning and Partnerships (CHPP) works to power data-informed decision-making and to address social determinants of health, while developing partnerships and engaging in planning to promote wellness and health equity throughout Ingham County.

Our mission is to protect, improve, and advocate for the health and well-being of our community by identifying and advancing the conditions under which all people can achieve optimum health.

2017 HIGHLIGHTS

- ICHD launched a public education campaign to encourage people to protect themselves from ticks that may carry Lyme disease. Signage was developed in partnership with Ingham County Parks and is displayed at trail entrances.
- A team from ICHD was one of 20 teams nationwide selected as part of The Kresge Foundation’s Emerging Leaders in Public Health initiative. The team received a $125,000 grant to expand work in health equity.
- Community members across the county released a Community Health Improvement Plan that identifies health priorities and solutions to health-related problems, which will be implemented through 2020.
- Ingham County was selected from more than 200 communities as a finalist for the fifth annual RWJF Culture of Health Prize given by the Robert Wood Johnson Foundation.

COMMUNITY HEALTH, PLANNING AND PARTNERSHIPS