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I am proud to present the 2022 Ottawa County Department of Public Health annual report. In this report, you will find some highlights of our work and accomplishments from the past year. You will also find a list of the 10 Essential Public Health Services, which provide the framework behind our efforts to assure conditions that promote and protect health.

It is important to note that the challenges to achieving the good health of a community are too great for a single individual or organization to solve. Partnerships and collaborations across all sectors are key to the creation of strategies that improve the health of everyone in Ottawa County. Thank you to the individuals, businesses and organizations who work with us to accomplish this shared vision. And, thank you to our staff and volunteers who are equally dedicated to the work of public health.

In good health,

Adeline Hambley, MBA, REHS
Administrative Health Officer
Board of Commissioners

Joe Moss
Chairperson
Sylvia Rhodea
Vice Chairperson
Gretchen Cosby
Lucy Ebel
Doug Zylstra
Jacob Bonnema
Kyle Terpstra
Rebekah Curran
Roger Belknap
Roger Bergman
Allison Miedema

Staff

Adeline Hambley, MBA, REHS
Administrative Health Officer
miOttawa.org/HealthData

Marcia Mansaray, MSc
Deputy Health Officer

Gwendolyn Unzicker, MD
Medical Director

Derel Glasshower, MPH, CPH
Senior Epidemiologist
miOttawa.org/HealthData

Jennifer Sorek, MA, MEP
Public Health Preparedness
miOttawa.org/Prepare

Nina Baranowski, MPA
Public Health Financial Manager

Tony Benjamin, MSA
Innovation & Technology

Helen Tarleton, BA
Clinical Health Services Manager

Communicable Disease Program
miOttawa.org/DiseaseInfo

Family Planning & Women’s Health Services Program
miOttawa.org/SexualHealth

Immunizations Program
miOttawa.org/Immunize

Sexually Transmitted Infection Program
miOttawa.org/SexualHealth

Sandra Lake, MPH, BSN, RN
Community Health Services Manager

Children’s Special Health Care Services & Childhood Elevated Blood Lead Program
miOttawa.org/CSHCS

Health Education Program
miOttawa.org/Nutrition

MiOttawa.org/SAP

miOttawa.org/Suicideprevention

Ottawafood.org

Oral Health Program
miOttawa.org/Dental

Adeline Hambley, MBA, REHS
Environmental Health Services Manager

Food Safety Program
miOttawa.org/Food

Onsite Services Program
miOttawa.org/EH

Sustainability Program
miOttawa.org/eco

Lisa Uganski, MPH, RD, CHES
Health Planning & Promotion Manager

Health Education Program
miOttawa.org/Nutrition

miOttawa.org/SAP

miOttawa.org/Suicideprevention

ottawafood.org
Our Mission
Working together to assure conditions that promote and protect health

Our Vision
Healthy people

Our Values
**Equity:** All people will be valued and treated fairly with dignity and respect

**Integrity:** Uphold the highest level of ethical standards

**Excellence:** Provide the highest quality product, service and customer experience

Our Strategic Priorities

1. Identify and control public health threats.

2. Improve the social and physical environments that promote health.

3. Empower citizens with credible and timely health information.

4. Promote a positive work culture.

5. Ensure organizational sustainability.
10 Essential Public Health Services

**Assessment**
1. Assess and monitor population health.
2. Investigate, diagnose and address health hazards and root causes.

**Policy Development**
3. Communicate effectively to inform and educate.
4. Strengthen, support and mobilize communities and partnerships.
5. Create, champion and implement policies, plans and laws.
6. Utilize legal and regulatory actions.

**Assurance**
7. Enable equitable access.
8. Build a diverse and skilled workforce.
9. Improve and innovate through evaluation, research and quality improvement.
10. Build and maintain a strong organizational infrastructure for public health.
Programs by the Numbers

Onsite Services
- Conducted 1,141 real estate transfer evaluations
- Issued 744 sewage disposal system permits and conducted 664 final inspections
- Issued 450 well permits and conducted 315 final inspections

Food Safety
- Corrected 3,167 food safety violations
- Completed 2,159 restaurant inspections
- Investigated 60 complaints
- Investigated 138 cases of reported foodborne illness

Environmental Sustainability
- Collected nearly 2.3 tons of compostable food waste during the program’s first six months
- Collected more than 260 tons of scrap metal, e-waste, household hazardous waste, scrap tires and other recyclable materials
- More than 18,000 resident visits
**Immunizations Program**
- Administered 5,659 vaccinations
- Provided immunization recommendations to 130 people traveling outside of the US

**Communicable Disease Program**
- Identified 13 cases of Shiga toxin-producing E. coli (STEC), leading to a multi-state outbreak investigation by state and federal public health organizations.
- Provided treatment and monitoring for one active case of tuberculosis (TB), a disease that can be fatal if not treated properly, and offered preventive treatment for 60 latent TB cases.

**Family Planning and Women’s Health Services Program**
- Screened 166 patients for cervical cancer, 19% of whom had abnormal results, providing an opportunity for treatment to prevent the cancer from developing or progressing.
- Cared for 744 patients at 1,793 visits

**Clinical Health Services**

**Sexually Transmitted Infection Program**
- Served 579 patients at 691 visits
- Provided 726 HIV screenings and 1,041 sexually transmitted infection screenings
Children’s Special Health Care Services and Childhood Elevated Blood Lead Program

- Provided in-home nursing education and support for 11 children under the age of six with elevated blood lead levels
- Provided 1,449 families with Children’s Special Health Care Services, the 7th highest enrollment in the state of Michigan

Hearing and Vision Screening Program

- Completed 10,333 hearing screenings, with 191 children or 1.8% of those screened, requiring follow-up medical care
- Completed 11,499 vision screenings, with 901 children or 7.8% of children screened, requiring follow-up medical care

Maternal Infant Health Program

- Held 1,549 encounters with 319 MIHP families
- MIHP staff participated in 3 local and statewide pilot programs to enhance program delivery to families

Ottawa Pathways to Better Health Program

- 428 individuals completed 424 pathways
- 696 individuals were referred to the Pathways program, with 299 new enrollees
Health Education Program

- Ottawa Food rescued more than 34,500 lbs. of food; donated more than 2,480 lbs. of produce and picked over 3,180 lbs. of fruit for local food pantries
- Enrolled 1,061 people in the Step it Up! program, with over 70% reporting an improvement in their health as a result
- Provided Prime for Life substance use disorder education to 240 students from 5 schools

Oral Health Program

- Miles of Smiles performed 751 preventive and restorative appointments for financially qualifying children
- Performed 1,593 sealant and 417 fluoride applications through the SEAL! Michigan program
- Provided 3,725 students oral health classroom education
Financial Report

<table>
<thead>
<tr>
<th>Revenues</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intergovernmental revenues</td>
<td>$4,365,076</td>
<td>$5,946,990</td>
<td>$6,754,446</td>
<td>$7,127,943</td>
<td>$7,084,254</td>
</tr>
<tr>
<td>Charges for services</td>
<td>$650,523</td>
<td>$705,830</td>
<td>$598,829</td>
<td>$577,375</td>
<td>$654,471</td>
</tr>
<tr>
<td>Licenses and permits</td>
<td>$1,027,568</td>
<td>$1,052,855</td>
<td>$977,837</td>
<td>$977,579</td>
<td>$1,058,251</td>
</tr>
<tr>
<td>Other</td>
<td>$81,322</td>
<td>$135,976</td>
<td>$550,821</td>
<td>$223,183</td>
<td>$380,771</td>
</tr>
<tr>
<td><strong>Total Revenues</strong></td>
<td><strong>$6,124,489</strong></td>
<td><strong>$7,841,651</strong></td>
<td><strong>$8,881,933</strong></td>
<td><strong>$8,906,020</strong></td>
<td><strong>$9,177,747</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Expenditures</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personnel services</td>
<td>$7,417,469</td>
<td>$7,868,542</td>
<td>$8,917,698</td>
<td>$9,779,221</td>
<td>$11,040,287</td>
</tr>
<tr>
<td>Supplies</td>
<td>$820,367</td>
<td>$1,072,513</td>
<td>$940,917</td>
<td>$1,023,901</td>
<td>$960,125</td>
</tr>
<tr>
<td>Other services and charges</td>
<td>$2,027,884</td>
<td>$2,224,040</td>
<td>$2,378,035</td>
<td>$2,587,715</td>
<td>$3,647,638</td>
</tr>
<tr>
<td>Capital outlay</td>
<td>$11,313</td>
<td>-</td>
<td>-</td>
<td>$6,566</td>
<td>$6,030</td>
</tr>
<tr>
<td><strong>Total expenditures</strong></td>
<td><strong>$10,277,033</strong></td>
<td><strong>$11,165,095</strong></td>
<td><strong>$12,236,650</strong></td>
<td><strong>$13,397,403</strong></td>
<td><strong>$15,653,830</strong></td>
</tr>
<tr>
<td>Revenues over (under) expenditures</td>
<td>$(4,152,544)</td>
<td>$(3,323,444)</td>
<td>$(3,354,717)</td>
<td>$(4,491,383)</td>
<td>$(6,476,083)***</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Other financing sources (uses)</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transfers from other funds</td>
<td>$3,582,994</td>
<td>$4,610,713</td>
<td>$4,193,078</td>
<td>$5,201,159</td>
<td>$6,156,663</td>
</tr>
<tr>
<td><strong>Total other financing sources (uses)</strong></td>
<td><strong>$3,582,994</strong></td>
<td><strong>$4,610,713</strong></td>
<td><strong>$4,193,078</strong></td>
<td><strong>$5,201,159</strong></td>
<td><strong>$6,156,663</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Net change in fund balance</th>
<th>$(569,550)</th>
<th>$1,287,269</th>
<th>$838,361</th>
<th>$709,776</th>
<th>$(319,420)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fund balance, beginning of year</td>
<td>$1,455,163</td>
<td>$885,613</td>
<td>$2,172,882</td>
<td>$3,011,243</td>
<td>$3,721,019</td>
</tr>
<tr>
<td>Fund balance, end of year</td>
<td>$885,613</td>
<td>$2,172,882</td>
<td>$3,011,243</td>
<td>$3,721,019</td>
<td>$3,401,599</td>
</tr>
</tbody>
</table>

| FTE (Employees) | 91.85 | 91.75 | 99.20* | 98.88* | 120.25** |

* Does not include COVID-19 grant funded positions.
** Includes approved COVID-19 grant funded positions. All approved positions may not have been filled.
***A typographical error was discovered after this report was submitted to the Board of Commissioners. The originally provided figure has been corrected to accurately represent the department’s financial report.
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