2017 Annual Report

Dickinson-Iron District Health Department

Serving the Community in Environmental Health, Personal Health Services and Chronic Disease Prevention

Dedicated to Serving You!
**Our Mission:**

“To assure the highest possible level of health for the people of the communities we serve.”

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**We’re on the web!**
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**Serving you since 1936**

**Dickinson-Iron District Board of Health**

Joe Stevens, Chair
Tim Aho, Vice Chair
Jim Brennan
Barbara Kramer
Sharon Leonoff

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“An ounce in prevention is worth a pound in cure.”
The health department provides a wide range of services to the general public and special populations. A few of the agency’s programs are highlighted below:

**Seasonal Flu Shots:** The Health Department led large-scale community clinics for seasonal flu shots in both Dickinson and Iron Counties, in partnership with two hospitals, four schools and Beacon Ambulance. We also had local nurse volunteers and students from schools and colleges.

**WIC:** In 2017, the Women, Infants and Children Program provided nutrition education and supplemental food benefits for more than 1022 infants, children and pregnant, post-partum and breast-feeding women per month.

**MIHP:** The Maternal Infant Health Program conducted 1,813 visits by registered nurses, registered dietitians and social workers to high-needs families with pregnancies or infants.

**Hearing and Vision Screening:** More than 4,719 hearing and vision screenings were conducted in preschools and K-12 schools throughout both counties.

**Family Planning:** Family planning clinics in the agency’s two offices served 672 clients in 2017, providing clinical exams, education, communicable disease testing and free or affordable birth control.

**BCCCP:** Through the Breast and Cervical Cancer Control Program, 9 low-to-moderate income women age 40-64 received breast and pelvic exams, pap tests, mammograms, and follow-up treatment as needed.

**Immunizations:** 5,256 vaccines were administered to 3,069 clients.

Environmental health (EH) programs prevent illness from contaminated food, water and other environmental sources.

**Permitting, inspections, education, and when necessary, enforcement actions protect the public’s health. A few of the EH programs are highlighted below:**

**FOOD SAFETY PROGRAM:** The focus of the food program is to assure a safe, clean food product for the public through regular inspections and education. Efforts in this program are key elements in assuring the meals we consume outside of the home are safe. Agency sanitarians conducted 561 evaluations at restaurants, schools and temporary food events in 2017.

**ON-SITE SEWAGE DISPOSAL MANAGEMENT:** One of the most important methods of preventing the spread of disease and viral infection is the proper treatment of human wastewater. This program provides guidance and oversight for on-site sewage disposal. Site and soil assessments, construction permitting, and inspections are conducted by Health Department sanitarians to prevent environmental contamination. In 2017, 126 construction permits were issued for new on-site sewage systems.

**PRIVATE & NON-COMMUNITY WATER:** A fundamental objective of public health met by these programs is the protection of our lakes, streams and the water we drink. Sanitarians monitor the quality of non-community public water supplies such as schools, restaurants and campgrounds. Last year, construction permits for 67 new wells were issued to ensure well construction and water quality requirements were met.
Community Health Status Indicators

Local public health departments track, analyze and publicize rates of disease, health care access and utilization rates, demographics and other community health indicators.

Did you know that the population of the Dickinson-Iron County area declined by 8.6% from 2000 to 2015, from 40,610 to 37,136? About 24.8% of local residents are age 65 and older, compared with 15.8% statewide. Broken down even further, the percentage in Dickinson County is 20.7% and in Iron it’s 28.9%.

There have been 336 births and 468 deaths in 2014 for the two-county area, that’s down from 368 births and 499 deaths in 2008. The leading causes of death - heart disease, cancer, stroke and chronic lower respiratory disease are the same locally for Dickinson and Iron Counties and the trend is similar with U.S. statistics. Michigan, however, appears to have a few more deaths associated with chronic lower respiratory disease than stroke as compared to local and U.S. data.

The Health Department monitors reports from physicians and laboratories of a variety of communicable disease, and is alert to possible disease outbreaks. Below are annual trends for several common conditions, including illnesses such as influenza and chickenpox that can be prevented or reduced through immunization.

**Selected Communicable Disease Reports**

<table>
<thead>
<tr>
<th>Disease or Disease Group (Dickinson-Iron County Totals)</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Food-borne illnesses (Campylobacter, Cryptosporidiosis, Giardia, Salmonella)</td>
<td>19</td>
<td>13</td>
<td>12</td>
<td>18</td>
<td>19</td>
<td>40</td>
</tr>
<tr>
<td>Flu-Like Disease (Includes self reported “flu-like” symptoms &amp; reported positive cases)</td>
<td>1971</td>
<td>Reported</td>
<td>Positive</td>
<td>Influenza</td>
<td>only</td>
<td>155</td>
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<tr>
<td></td>
<td>1773</td>
<td>2267</td>
<td>3002</td>
<td>2998</td>
<td></td>
<td></td>
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<tr>
<td>Meningitis (Aseptic and Bacterial)</td>
<td>1</td>
<td>0</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Varicella (Chickenpox)</td>
<td>0</td>
<td>2</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Chlamydia</td>
<td>83</td>
<td>54</td>
<td>65</td>
<td>66</td>
<td>84</td>
<td>77</td>
</tr>
<tr>
<td>Hepatitis C (Acute and Chronic)</td>
<td>19</td>
<td>60</td>
<td>36</td>
<td>29</td>
<td>72</td>
<td>78</td>
</tr>
<tr>
<td>Lyme Disease</td>
<td>5</td>
<td>19</td>
<td>17</td>
<td>54</td>
<td>83</td>
<td>61</td>
</tr>
</tbody>
</table>

Finance Report

**2017 Revenue By Source:**

- Fees & License: $212,475
- Insurance-3rd Party: $875,925
- Fed/State Funding: $847,647
- Local Effort: $682,726
- Other: $268,813
- Total: $2,887,586

**2017 Expenses By Division:**

- Agency Support: $722,740
- Community Health Programs: $1,806,816
- Environmental Health: $358,030
- Total: $2,887,586