

2007 ANNUAL REPORT



Dickinson-Iron District Health Department



Pier's Gorge, Menominee River, Norway, MI

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

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Dedicated to Serving You!
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June 2007

To the Residents and Our Community Partners in Dickinson and Iron Counties:

I am pleased to offer you the Dickinson Iron District Health Department's Annual Report for 2007. It highlights some of the department's efforts to prevent disease, prolong life, and promote the health of our residents. Our success in these endeavors is the direct result of the efforts of highly professional Health Department staff, dedicated community partners and the support of the Board of Health.

The Dickinson - Iron District Health Department was originally established in its present configuration on August 1, 1966. In order to further clarify and support the District Health Department, provide a comprehensive organizational framework for the agency, outline the rights and obligations of each county and define their direct relationship to the Health Department, an **Intergovernmental Agreement** was drafted by the Board of Health, approved by each county Board of Commissioners, reviewed and approved by the Michigan Department of Community Health, the Governor's Office, filed with the Secretary of State's Office and became effective on July 1, 2007.

Blue Cross Blue Shield of Michigan has partnered with the American Lung Association of Michigan and Tobacco Free Michigan to provide \$30,000 in **grant** funding to our agency for this school year to provide a comprehensive tobacco prevention program intended to reduce youth smoking rates in Michigan. Looking specifically at strategies that will increase the number of smoke-free environments and reduce smoking rates among youth, the grant targets high school and middle school students. It provides funds for such things as youth advocacy and peer to peer education while also supporting local Tobacco Reduction Coalition staff support.

In October the Department underwent a week long on site visit from the Michigan Local **Public Health Accreditation** Program reviewers. This extensive evaluation of the programs and policies of the Health Department by representatives of the Michigan Department of Community Health, the Department of Agriculture and the Department of Environmental Quality occurs every three years. I am pleased to report that our programs fared very well. Staff was prepared, well organized and the reviewers had no trouble identifying the quality of services provided to our communities. Official accreditation status will be conferred in 2008.

Within these pages many other activities and programs of the department are outlined. What is harder to convey is the caring and expertise that comes into play in the provi-

sion of these services. I am very proud to be a part of this agency, and deeply appreciate the commitment and dedication of the staff to the service of our communities. I encourage your review of the following report and invite your comments or suggestions. We are all partners in promoting and improving the health of Dickinson and Iron Counties.



*Linda Piper, RN, BSN, MPH
Director/Health Officer*

Sincerely,
Linda Piper
Linda Piper, RN, BSN, MPH
Director/Health Officer

**Health Department
Administration**

Linda Piper, RN, BSN, MPH
Director/Health Officer

Randall Johnson, MD, MPH
Medical Director

Ron Matonich, RS, BS
Environmental Health
Director

Joyce Ziegler, RN, BSN
Community Health Services
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Stephen Markham, BS
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SERVING YOU SINCE 1936

**Dickinson-Iron District
Board of Health**

- George Brunswick, Chair
- Frank Smith, Vice Chair
- Bob Black
- Rosalie King
- Joe Stevens
- Henry Wender

Environmental Health Division

Food Protection

- 200 licensed food service establishments which include all fixed, mobile, school, special transitory units, and vending machine locations.
- 57 temporary food service licenses were issued, each preceded by a site inspection.
- 6 plan reviews were conducted for new/remodeled food service establishments.
- 6 complaints were received and investigated as to their validity. Some of these complaints pertained to suspect food borne illnesses.
- 581 food service inspections (including follow-ups) were conducted by staff of the Environmental Health Division.

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.

One of the most important methods of preventing the spread of disease and viral infection is the proper treatment of human wastewater. These programs provide guidance and oversight for on-site sewage disposal.

On-Site Sewage Disposal Management

- 161 construction permits were issued for residential and nonresidential facilities.
- 161 site evaluations were conducted prior to the issuance of the permits.
- 137 final inspections were performed either during or after completion of the system.
- 348 field consultation activities were conducted.

Private & Non-Community Water

- 109 private water supply permits were issued.
- 2 Type II non community water supply permits were issued.
- 18 final inspections were completed and system approvals granted.
- 27 water samples were obtained from 16 residences in Dickinson County as part of our contaminated site groundwater monitoring program.



A fundamental objective of public health met by these programs is the protection of our lakes, streams and the water we drink.

Community Health and Safety

Assuring a good quality of life where we live and play is a key component of these programs.

- 15 annual inspections of public swimming pools and/or spas.
- 17 annual campground inspections.
- 146 animal investigation activities involving animal bites reported that were capable of transmitting rabies.
- 4 potential rabies specimens were processed and submitted to the state laboratory for testing.



Ron Matonich, EH Director

Other environmental health activities include the following: Home Loan Evaluations (private water and systems sewage), Subdivision Plan Reviews, Septage Disposal Site Evaluations, Adult/Child Care Evaluations, Tattoo Parlor Inspections and Licensing, Nuisance Complaints, dispensing radon information, selling kits, interpreting their results and assisting clients with potential correction measures.



Community Health Services Division



*Joyce Ziegler,
Community Health Services Director*

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| <p>TB Tests 336</p> <p>Reportable Diseases</p> <ul style="list-style-type: none"> • Chronic Hepatitis C 8 • Hepatitis C - Unknown 3 • Varicella 14 • Campylobacter 3 • Salmonella 2 • Giardia 2 • Cryptosporidiosis 1 • Meningitis - Aseptic 5 • Histoplasmosis 1 • Kowasoski 1 • Lymes 2 • Mumps 1 • Strep Pneumonia 1 • Blastomycosis 1 • Coccidioidomycosis 1 • Active TB 1 <p>Immunizations</p> <ul style="list-style-type: none"> • Clients 3,554 • Doses 8,177 <p>Sexually Transmitted Disease (STD) Control</p> <ul style="list-style-type: none"> • Clients received HIV/AIDS testing and counseling 24 • STD testing/education 100 • STD positive results 19 • STD's reported from community for follow-up 18 <p>Breast & Cervical Cancer Control Program</p> <ul style="list-style-type: none"> • Clients enrolled 220 • Mammograms 218 • Cervical abnormalities referred 8 • Breast abnormalities referred 34 <p>Adult Screening</p> <ul style="list-style-type: none"> • Clients enrolled 209 • Medical referrals 16 <p>Family Planning</p> <ul style="list-style-type: none"> • Clients enrolled 827 • Services provided 1,489 <p>Hearing School Age</p> <ul style="list-style-type: none"> • Hearing screenings 840 • Audiograms 75 • Medical referrals 17 <p>Hearing Preschool</p> <ul style="list-style-type: none"> • Hearing screenings 240 • Medical referrals 2 | | <p>Vision School Age</p> <ul style="list-style-type: none"> • Acuity/muscle screenings 2,261 • Medical referrals 79 <p>Vision Preschool</p> <ul style="list-style-type: none"> • Vision screenings 243 • Medical referrals 5 <p>Tobacco Prevention</p> <ul style="list-style-type: none"> • Vendor/retailer visits 12 • Probate Court referrals 4 <p>Worksite Heart Health Screenings 45</p> <p>Women, Infants & Children (WIC)</p> <ul style="list-style-type: none"> • Clients enrolled 1,181 • Client visits with CPA 2,101 • Coupon pick-up and self-directed nutrition education visits 1,529 • Nutrition education classes 58 • Clients attending nutrition education classes 456 • Client visits with Registered Dietician 160 <p>Maternal Infant Health Program (Maternal Support)</p> <ul style="list-style-type: none"> • Families served 159 • Professional home & office visits 828 <p>Children's Special Health Care Services</p> <ul style="list-style-type: none"> • Children enrolled 111 <p>Maternal Infant Health Program (Infant Support)</p> <ul style="list-style-type: none"> • Families served 199 • Professional home visits 1,287 <p>Early On</p> <ul style="list-style-type: none"> • Families served 74 • Professional home & office visits 255 <p>Impetus</p> <ul style="list-style-type: none"> • Families served 129 • Professional home & office visits 892 <p>Great Parents, Great Start</p> <ul style="list-style-type: none"> • Families served 25 • Professional home visits 138 <p>Strong Families, Safe Children</p> <ul style="list-style-type: none"> • Families served 22 • Professional home visits 114 |
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Emergency Preparedness



Sheila McNulty, Emergency Preparedness Coordinator

In 2007, the Dickinson-Iron District Health Department received funding from the Michigan Department of Community Health and the Centers for Disease Control to enhance preparedness for response to public health emergencies, including pandemic influenza.

With the funding, the following preparedness activities were conducted in 2007:

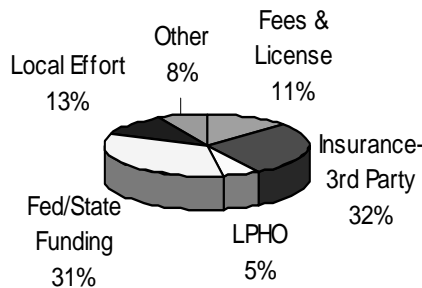
- ◆ Collaboration of emergency response planning activities with local, regional, State of Michigan and State of Wisconsin response partners.
- ◆ Participation in several table-top and full-scale exercises with local and regional emergency response personnel. The exercises provide emergency response training to all the health department staff.
- ◆ Finalized the development of a Mass Fatality Plan with Iron, Dickinson, Marinette, and Florence Counties. Agencies involved in the development of the plan included health departments, funeral directors, emergency management, and medical examiners.
- ◆ Development of the Dickinson-Iron District Health Department All Hazard Response Plan, including the Strategic National Stockpile Plan and the Pandemic Influenza Response Plan.
- ◆ Participation in the 800 Mega Hertz radio statewide systems. The radio system allows the Health Department to communicate with local, regional and State emergency response partners. The radios are tested quarterly with our state partners and are tested monthly with our regional and local partners.

Recruitment of community volunteers to assist the Health Department in responding to a public health emergency. Provided training to local pharmacists on the Mass Dispensing Plan. Also, over 75 medical and non-medical volunteers participated in the 2007 Mass Vaccination Clinic and Exercise at the Kingsford Middle School.



Steve Markham, Finance Director

2007 Revenue By Source



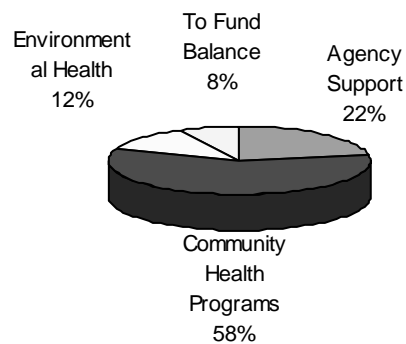
2007 Revenues by Source:

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|---------------------|--------------------|
| Fees & License | \$272,636 |
| Insurance-3rd Party | \$734,488 |
| LPHO | \$129,298 |
| Fed/State Funding | \$755,913 |
| Local Effort | \$313,175 |
| Other | \$195,451 |
| Total | \$2,400,961 |

2007 Expenses by Division:

| | |
|--------------------------|--------------------|
| Agency Support | \$524,194 |
| Community Health Program | \$1,410,271 |
| Environmental Health | \$285,883 |
| To Fund Balance | \$180,613 |
| Total | \$2,400,961 |

2007 Expenses By Division



Community Outreach and Partnerships

LOCAL:

On July 26, 2007, the Dickinson-Iron District Health Department participated in a Biohazard Detection System (BDS) full scale exercise. Other exercise participants included the United States Postal Service (USPS), Dickinson County Emergency Services Office, Kingsford Public Safety, Dickinson County Memorial Hospital and Truckland, Inc. The full-scale exercise was designed to create a learning forum for Dickinson County agencies and USPS to evaluate their response to the activation of the BDS alarm at the USPS Mail Processing Center in Kingsford, Michigan. The BDS is a system installed in the United States Postal Service - Kingsford Mail Processing Center that detects the presence of anthrax in the mail.

During the exercise each agency evaluated the effectiveness of their individual BDS Response Plans. Along with the Dickinson-Iron District Health Department BDS Response Plan, the Health Department was also able to test the Mass Dispensing

Plan. This plan contains detailed procedures for dispensing medications to the public during an emergency involving a communicable disease, including anthrax.

REGIONAL:

In April 2007, Dickinson-Iron District Health Department staff participated in Pharmaceutical Response to Biological Agents Program and Exercise in Marquette. This regional program offered our staff the opportunity to find out more about local, regional, and state pharmaceutical stockpiles, ask questions of those State coordinators in charge of the pharmaceutical stockpiles, receive information on requesting the pharmaceutical stockpiles, and receive information on developing the Strategic National Stockpile Response plan. Staff was also able to network with our regional partners. The regional partners included staff from hospitals, law enforcement, emergency management, other Upper Peninsula health departments, and other county government officials.