

REPORT TO THE COMMUNITY

OCTOBER 1, 2007
TO
SEPTEMBER 30,
2008

Benzie-Leelanau District Health Department



William Crawford, R.S., M.S.A.
Health Officer, Environmental
Health Director

Michael Collins, M.D., M.P.H.
Medical Director

Jenifer Murray, R.N., M.P.H.
Director of Personal Health

Dodie Putney, B.S.
Director of Administrative Services

Dona Alba, D.O.
Family Planning Physician

Heidi Roper
Account Clerk

Kathy Cudney
Purchasing Manager

Michelle Klein, R.N., M.A.
Emergency/Communicable Disease
Coordinator

Debbie Aldridge, R.N.
WIC Coordinator

Sue Kline, R.N., M.S.N.
Personal Health Supervisor

Sheila Pritchard, R.N., B.S.N.
Public Health Nurse

Rachelle Stapleton, B.S., R.D.
Dietician

Tammy Flores
Public Health Technician

Ruth Griner, L.P.N.
Hearing and Vision Technician

Victoria Kriskywicz
Public Health Technician

Nicole Olney
Public Health Technician

Tom Fountain, B.S., R.S.
EH County Supervisor—Benzie

Chuck Grant, B.S., R.S.
EH County Supervisor—Leelanau

Eric Johnson, B.S., R.S.
Type II Water Coordinator

Clay McNitt, B.S., R.S.
Sanitarian

Tom Rademacher, B.S., R.S.
Food Program Coordinator

Kris Malkowski
Office Secretary

Sharon Husted
Office Secretary

Vicki Houdek
Office Secretary

The Health of Our Beaches

The health of the Great Lakes Beaches has been the subject of a monitoring program for the last nine years. This program includes four beaches in our two counties, as well as five beaches in Grand Traverse County. Water sampling is carried out with the assistance of the Grand Traverse Watershed and has allowed for thousands of tests over the life of the program.

Beaches in Suttons Bay, Northport, Empire and Frankfort are sampled on a weekly basis from just before Memorial Day through Labor Day. The beaches were chosen based on geography and usage. Thousands of individuals use these beaches for swimming every year and it was felt that it was an important public health activity to monitor for the presence of *E. coli* in these recreational waters. This bacteria can cause gastrointestinal

problems and is evaluated based on requirements in the Michigan Public Health Code.

The test results for the 2008 swimming season showed that for the first time since monitoring began in 2001, there were no beach postings/closures due to high *E. coli* counts. Over the eight years of sampling, there have been a total of 23 postings/closures due to high counts with Empire having the most with 11 and Frankfort having the fewest at one. It seems to be the pattern that immediately after rain and high wind events there is a greater likelihood that high bacterial counts will be recorded. When a high count is received, Benzie-Leelanau Environmental Health staff ensure that the beach is posted with a notification to the public that the water may not be safe for body contact. The



beach is re-sampled within 24 hours. When the results are found to be within an acceptable range, the beach posting is removed.

We have had very good cooperation with the municipalities that have their beaches in the program. It is good to see that our agency as well as the public beach managers recognize the importance of having safe recreational waters in their communities.

Emergency Preparedness Highlights

Benzie-Leelanau District Health Department staff participated in several activities during 2008 that enhanced our ability to effectively respond to emergencies.

- Health Department Emergency Response staff completed the final two of six required National Incident Management System (NIMS) courses. These courses, developed by the Federal Emergency Management Agency (FEMA), train staff to work seamlessly with other response agencies to prevent, protect against, respond to, recover from, and mitigate the effects of

emergency incidents.

- Health Department staff participated in a "Countdown to Ready" personal/family preparedness program. The program included creating an emergency kit, organizing important documents, developing a food stockpile, and many tips on how to reduce the negative impact of emergencies.
- An electronic communicable disease reporting tool was developed for schools to submit information to the health department about influenza and other infectious diseases. These reports,

submitted weekly, provide valuable information about seasonal influenza trends and can also provide an early indication of a disease outbreak.

- Written plans were developed to address all emergency hazards, including natural disasters, disease outbreaks, and mass medication dispensing. Three separate plans were submitted and reviewed by Michigan Department of Community Health, Office of Public Health Preparedness and received scores of 100%, 96% and 90%.

The Health of Our Community: 2008 Munson Healthcare Community Health Assessment Project

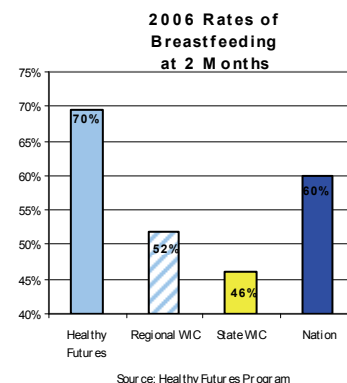
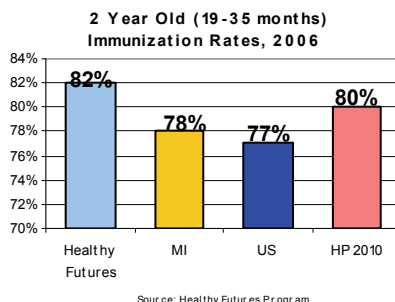
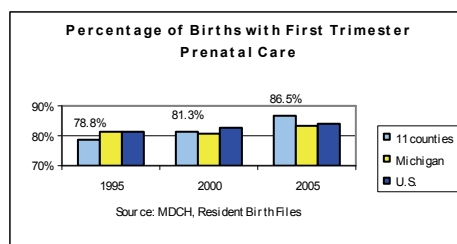
In 2008, Munson Community Health conducted a community health assessment using secondary data analysis. The purpose of the assessment was to identify community needs for hospital community benefit purposes, as well as providing a reference for program and resource development efforts community-wide.



The Healthy People 2010 goal for infant mortality is 4.5 per 1000 births.

The 11 county region has an infant mortality rate of 6.61 per 100 births, compared to 7.85 for the State of Michigan and 2.8 for Sweden.

- The number of births in the 11 county area is stable at about 3,300 per year (MDCH, 2006)
- Indicators for early prenatal care, low birth weight, prematurity, breastfeeding and immunizations have improved over time, and for the most recent period reviewed, are all better than the State averages.
- The percentage of births covered by Medicaid has risen to account for more than half of all births. In 2005, Medicaid covered 50.2% of births in the 11 county region compared to 36.7% of Medicaid covered births statewide.
- Early (first trimester) care to pregnant women and adequate prenatal care has increased considerably since 1995 with the 11 county area surpassing state and national rates (MDCH 2006). Early and adequate access to prenatal care assists in preventing negative outcomes for mothers and their children.
- The percentage of births in the 11 county region is lower than the percentage for the state and U.S. However, analysis of trends over time reveals that the percentage has been slowly increasing paralleling the rise across the state and U.S. Rising prematurity despite improvements in major risk factors such as maternal smoking and inadequate prenatal care is the subject of much national discussion and study. It is also important to note that since 1995 there have been significantly more technology assisted multiple births and infants of lesser gestational age cared for at specialized hospitals.
- Infant mortality is a sensitive indicator of a community's overall health. Infant mortality occurs most frequently in communities with the highest levels of social and economic stress and the lowest levels of resources and supports. Infant mortality in this area remains lower than State and U.S. but somewhat higher than the Healthy People 2010 goal or the rate achieved by Sweden.
- Childhood immunization and breastfeeding rates in the 11 county area are higher than State and federal levels. Both are preventative measures backed by evidence based practice. Both have been an effective component of many regional programs including the Healthy Futures Program, Health Department services, hospital maternity department and community education services.



Personal Health Program Services

| | |
|--|-------------|
| WIC | |
| Monthly Participants | 703 |
| Migrant Farmworker Participants | 72 |
| IMMUNIZATIONS | |
| Childhood Vaccines Administered | 1421 |
| Flu Shots Administered | 816 |
| Pneumonia Shots Administered | 37 |
| Vaccines distributed to Health Care Providers | 5040 |
| Prenatal Care Enrolment/ Care Coordination | |
| Applications Processed | 83 |
| Prenatal Care Coordinated | 303 |
| Health Care Enrollment | |
| CHAP (Coalition Health Access Program) Leelanau 139 Benzie 189 | 328 |
| Children's Special Health Care Services – Care Coordination | 101 |
| Maternal and Infant Support Services | |
| MSS Clients Enrolled | 109 |
| MSS Visits Made | 537 |
| ISS Clients Enrolled | 57 |
| ISS Visits Made | 318 |
| Hearing and Vision | |
| Children Hearing Tested # referred for Evaluation | 1373 51 |
| Children Vision Tested # referred for evaluation | 2011 197 |
| Women's Health | |
| Family Planning Clients Served | 507 |
| HIV Counseling and Testing | 19 |
| Breast and Cervical Cancer Screening | 134 |
| Healthy Futures | |
| Average Caseload | 247 |
| Total Home Visits Made | 108 |

Communicable Diseases

| Disease | 2008 | 2007 | 2006 |
|-------------------------|------|------|------|
| AIDS | 2 | 0 | 0 |
| Campylobacter | 5 | 8 | 9 |
| Cryptosporidiosis | 3 | 1 | 1 |
| E. coli O157:H7 | 0 | 1 | 1 |
| Giardiasis | 0 | 1 | 2 |
| Salmonellosis | 3 | 3 | 3 |
| Yersenia enteritis | 1 | 0 | 0 |
| Meningitis – Aseptic | 4 | 4 | 1 |
| Meningitis – Bacterial | 2 | 1 | 0 |
| Guillain-Barre Syndrome | 1 | 1 | 1 |
| Chlamydia | 58 | 40 | 42 |
| Gonorrhea | 10 | 4 | 2 |
| Tuberculosis | 1 | 1 | 1 |
| Chickenpox | 14 | 9 | 6 |
| Pertussis | 0 | 2 | 0 |
| Hepatitis B | 3 | 1 | 6 |
| Hepatitis C | 15 | 25 | 22 |

Environmental Health Services

General Environmental Health

- 3 Subdivision/Condo Reviews
- 34 Swimming Pools
- 24 Campgrounds

Food Program

- 184 Fixed Food Licenses
- 328 Fixed Food/Regular Inspections
- 41 Fixed Food Follow-up Inspections
- 130 Temporary Food Inspections/Licenses

Water and Sewage

- 296 Sewage Permits
- 269 Well Permits
- 246 Septic/Well Evaluations



Caring for our communities

Benzie-Leelanau
 District Health Department
 6051 Frankfort Hwy, Ste 100
 Benzonia, MI 49616

Place
 postage
 here

**Benzie-Leelanau
 District Health Department**

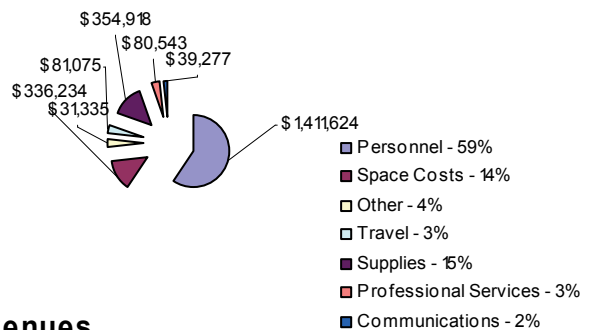
www.bldhd.org
 bldhd@bldhd.org

Benzie Office
 6051 Frankfort Hwy, Ste 100
 Benzonia, MI 49616
 231-882-4409
 Fax 231-882-2204

Leelanau Office
 7401 E. Duck Lake Rd, Ste 100
 Lake Leelanau, MI 49653
 231-256-0200
 Fax 231-256-0225

2007-2008 Budget

FY 07/08 Expenditures \$2,396,987



FY 07/08 Revenues \$2,352,178

