Public Health, Delta & Menominee Counties

Annual Report 2012
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A Message from the Health Officer…

I am pleased to present Public Health, Delta & Menominee Counties’ Annual Report for the October 1, 2011 – September 30, 2012 fiscal year. On the following pages are just a few examples of how the public health needs of the residents of Delta and Menominee Counties are being met. These needs could not be met without the support of our Board of Health, County Commissioners, community partners, state agencies, dedicated employees, and loyal customers.

We are particularly proud of the following accomplishments which took place during the 2012 fiscal year:

- In April, 2012 PHDM underwent our cycle 5 Accreditation review, during which the Michigan Department of Community Health, Michigan Department of Environmental Quality and the Michigan Department of Agriculture and Rural Development came into our offices to review our agency programs to ensure the programs were providing the services in accordance with minimum program requirements. I am pleased to report that PHDM has received cycle 5 accreditation. One common theme through the entire program reviews were comments from the evaluators about the wonderful and dedicated staff of PHDM.

- PHDM received funding in FY2012 to begin the WIC Peer Counseling Program. The goals of this program are to increase the number of women who breastfeed their infants, increase the duration of breastfeeding, and provide support to women through the infant’s first year.

- Emergency Preparedness staff worked with Emergency Management personnel from Delta and Menominee Counties on a jurisdictional risk assessment specific to public health risks. This has allowed PHDM to plan and train for the greatest risks our communities face.

- The Maternal Infant Health Program was implemented in Delta & Menominee Counties during FY2011 and continued to grow during FY2012. This program provides support to pregnant women and infants on Medicaid to promote healthy pregnancies, good birth outcomes, and healthy infants.

The PHDM Board of Health and staff remain committed to enhancing the quality of life for the community by preventing disease, encouraging healthy lifestyles and protecting the environment by participating with community partners in seeking new ways to most effectively meet the community needs. Should you want to learn more about our programs and services do not hesitate to contact us or visit us on the web at www.phdm.org.

Sincerely,

Michael R. Snyder RS, MPA
Health Officer/Administrator
FY2012
Delta-Menominee District Board of Health

Mary Harrington
Thomas Elegeert
Tom Trudgeon, Chairperson
Delta County Member-at-Large

Bernie Lang
Mark Jasper
Robert Burie
Menominee County Member-at-Large

Mission Statement
To enhance the quality of life for the community by preventing disease, encouraging healthy lifestyles, and protecting the environment.

Vision Statement
To be a community leader in promoting, protecting, and providing for the public's health.

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Financial Data for Fiscal Year 2012

2012 Revenue Sources

<table>
<thead>
<tr>
<th>Revenue Source</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Private Pay Fees</td>
<td>$303,433</td>
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<tr>
<td>3rd Party Fees</td>
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<tr>
<td>State/Federal</td>
<td>$996,601</td>
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<tr>
<td>ELPHS (State)</td>
<td>$303,318</td>
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<tr>
<td>Other (Sub Abuse, Early On, Misc Grants)</td>
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<tr>
<td>Total</td>
<td>$2,968,708</td>
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2012 Expenses

<table>
<thead>
<tr>
<th>Expense Category</th>
<th>Amount</th>
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<td>Agency Support</td>
<td>$598,878</td>
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<tr>
<td>Environmental Health</td>
<td>$341,114</td>
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<td>Alcohol &amp; Other Drug Services</td>
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<td>Community Health Services</td>
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<td>Community Health Promotion</td>
<td>$100,450</td>
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<td>Emergency Preparedness</td>
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<tr>
<td>Space</td>
<td>$293,246</td>
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<tr>
<td>Total</td>
<td>$2,968,708</td>
</tr>
</tbody>
</table>

PHDM employed 59 staff in FY2012
(26 Full-time & 33 Part-time)
WIC (Women, Infants & Children) is a special supplemental nutrition program for pregnant and postpartum women, infants, and children up to age five. WIC provides nutrition education, breastfeeding support, health referrals and free supplemental food to eligible families.

The total food dollars spent by WIC participants in Delta & Menominee Counties:
2010—$1,019,603
2011—$995,920
2012—$1,076,091

WIC also offers Project Fresh coupons for families to use for fresh produce at the local Farmer’s Market. This year, clients saw an increase from $20 to $30 per booklet.

WIC Peer Counseling was new to PHDM this year. Funding from Michigan Department of Community Health (MDCH) was utilized to implement Peer Counseling within the WIC Program. The goal of the program was to provide additional support for successful breastfeeding among pregnant and breastfeeding moms. In October of 2011, PHDM hired one peer counselor to serve both Delta and Menominee Counties. The Peer Counselor has been integrated into the WIC clinic flow. She is available to meet with clients prenatally to answer any questions moms may have about getting breastfeeding off to a good start. The Peer Counselor makes referrals to one of PHDM’s three Certified Lactation Specialists as needed.

WIC Peer Counselor FY12 numbers at a glance:
- distributed 73 pumps to breastfeeding women
- completed 566 contacts with pregnant/breastfeeding women
- increased breastfeeding initiation rates from 61% to 64%
- assisted with breastfeeding referrals from OSF, MGH, Bellin, and Green Bay hospitals
HEARING & VISION PROGRAMS  PHDM staff provides hearing and vision screenings in the local schools and on-site at PHDM. Referrals are made to specialists as needed.

Through the LEAD PROGRAM, children are screened for high lead levels and when elevated, the child is referred for follow-up lab work and referred to Early On and WIC.

In FY2012, PHDM provided Lead screening at the Head Start Centers in Delta and Menominee counties.

CHILDREN’S SPECIAL HEALTH CARE SERVICES (CSHCS) is a program for children and some adults with a chronic health condition who meet eligibility requirements. In FY2012, PHDM staff assisted an average of 129 families and:

- Coordinated out-of-state appointments and travel to their specialists.
- Met regularly with families to assist with their special healthcare needs.
- Worked with families to obtain specialty items to help with the care of their child.

Through EARLY PERIODIC SCREENING DIAGNOSIS & TREATMENT (EPSDT) PROGRAM, children from birth to age 21 may receive a complete physical assessment, hearing and vision testing, growth and developmental screening, nutrition education, and immunizations.

Referrals are made to other health care professionals and community resources when indicated.
The IMMUNIZATION PROGRAM provides immunizations to infants, children and adults. The Immunization Coordinator monitors county-wide immunization rates and plans outreach activities such as: presentations to provider offices, mailing recall notices to children who are overdue for immunizations, and offering many off-site clinics at local schools, businesses, senior centers and senior housing facilities.

Immunization rates for the primary series of infant vaccines were 80% in Delta County and 77% in Menominee County. They have not been this high for over five years.

New in FY12:
- PHDM’s Immunization Program was one of 220 sites nationally and the only site in the U.P. chosen to participate in the CDC’s 2-D Barcode Vaccine Pilot. The pilot involves vaccine manufacturers placing 2D barcodes containing product identifier, lot number, and expiration date onto specific vaccines. PHDM received some of the bar-coded vaccine as well as hand-held scanners. Clinic nurses scanned the appropriate vaccine at the time of administration, and the data was transferred into the clients’ electronic record and then transmitted to the states’ immunization information system (MCIR). The goal of the pilot was to facilitate the entry of vaccine data. The pilot will officially end in May of 2013, but PHDM will be allowed to keep the equipment and continue using it to capture immunization data in an efficient, accurate manner.

For the third year in a row, PHDM organized an on-site drive through clinic. A total of 272 clients received their flu vaccine without having to leave their vehicle.

The MICHIGAN CARE IMPROVEMENT REGISTRY (MCIR) is an immunization database established in 1998 to ensure widespread utilization of immunizations.

Located within PHDM, the Region 6 office serves the entire Upper Peninsula, providing training and Helpdesk support to 251 active provider offices, hospitals, long-term care facilities, LHDs, HCOs and retail pharmacies. Limited Helpdesk support is also provided to 244 schools and 157 childcare facilities. An online newsletter is produced quarterly and is accessible through the MCIR news screen.

During FY2012, MCIR staff trained 340 individuals at 123 training events, processed 513 updates to legal information, and merged 621 duplicate records.

A Site of Excellence Award is awarded quarterly to recognize those practices across the U.P. that are doing an exceptional job using MCIR to its fullest capabilities.
Through MEDICAID OUTREACH, PHDM offers application assistance to clients in need of public health insurance programs such as Medicaid, MIChild, Plan First and MOMS.

Through Prenatal Care & Enrollment, PHDM staff screened 666 pregnant women for insurance coverage and assisted

**PLAN FIRST!**
PHDM staff help low-income women age 19-44 enroll in Plan First, which assists clients with Family Planning services, including exams, birth control and lab testing/treatment for STIs.

The **MATERNAL INFANT HEALTH PROGRAM (MIHP)** MIHP supplements regular prenatal and infant care by medical providers. A multidisciplinary team of qualified nurses, social workers, and dieticians develop a beneficiary’s plan of care. PHDM is fully certified to provide services to pregnant women during pregnancy and up to 60 days after birth, and infants up to one year of age with Medicaid.

In FY2012, our experienced health professionals provided:
- Home, office, or community visits
- Assistance with arrangement of transportation services
- Referrals to local community services, e.g., mental health, substance abuse & local childbirth education or parenting classes, food pantries or agencies that offer free baby items, such as cribs, car seats, etc.
- Education on infant care, nutrition and breast feeding.

In FY12, PHDM hosted Community Baby Showers for WIC/MIHP clients. Clients received educational tips on caring for a newborn and themselves. Each guest left with a brand new car seat, diapers, and infant supplies, all donated by local businesses and collaborative partners.

The **SENIOR HEALTH SCREENING** offers comprehensive screening & referral services for Delta & Menominee County residents age 60 and older with little or no insurance. The service is offered through a grant from the Upper Peninsula Commission for Area Progress (UPCAP). The free health assessment includes: blood pressure, total and HDL cholesterol, glucose & hemoglobin, height & weight, & urinalysis.
The **FAMILY PLANNING** Program offers a general reproductive health assessment, contraceptive serves, education and counseling, and referrals.

**COMMUNITY HEALTH SERVICES**

As part of **SEXUALLY TRANSMITTED INFECTIONS (STI)** offers male and female clients STI testing, client education, counseling, referrals, and treatment to prevent the spread of disease. PHDM staff document STI cases and forward this information to MDCH for surveillance purposes. PHDM offers confidential testing, treatment and prevention including the following:

-  Cervical, Urine & Vaginal Based Testing, Blood Based Screening
-  Single Dose Therapy
-  Preventative vaccines: ✓ Hep A & B ✓ HPV

Through the **HIV/AIDS** program, staff assess a client’s risk for HIV or STI. Testing is done on-site at PHDM and referral services are in place for those with a positive test. PHDM offers services to the county court systems and performs testing of offenders charged with criminal sexual conduct, including victim notification and education. All testing offered is confidential with anonymous testing available.

Chlamydia is the most frequently reported bacterial sexually transmitted disease in the United States. In 2012, there were 116 reported cases of Chlamydia in Delta and Menominee counties, which is up by 16 from 2011. Chlamydia continues to be a major problem in this area. Under-reporting is substantial because most people with Chlamydia are not aware of their infections and do not seek testing. In addition, testing may not be done if patients are treated symptomatically. HIV cases in Delta were 5 and 3 in Menominee, AIDS cases were 8 in Delta and 1 in Menominee. The number of cases of syphilis in Delta County in 2012 was 3.
The **BREAST & CERVICAL CANCER CONTROL PROGRAM (BCCCP)** is part of a nationwide effort to decrease breast and cervical cancer mortality. Services are available to eligible women ages 40-64. Women without adequate health insurance coverage and meeting income guidelines can receive a clinical breast exam, mammogram, Pap test, and pelvic exam. PHDM collaborates with local medical providers and health agencies so women can receive follow-up care, including cancer treatment if needed.

BCCCP also served 11 clients age 18-39 who were identified in the Family Planning Program to have a cervical abnormality. Since 2001, the BCCCP/FP Joint Project has served 224 clients in Delta County and 128 in Menominee County.

**FY2012 STATS AT A GLANCE**

- 375 women participated in BCCCP
- 2 breast cancer diagnoses
- 7 pre-cervical cancer diagnoses
- 49 breast abnormalities requiring additional services to rule out cancer
- 14 cervical abnormalities requiring additional services
- 3 other referrals

The **WELL-INTEGRATED SCREENING & EVALUATION FOR WOMEN ACROSS THE NATION (WISEWOMAN)** program is available to BCCCP clients who want to improve their heart health. Annual screenings include cholesterol, glucose and blood pressure. Clients are encouraged to set a healthy lifestyle goal to work on throughout the year. Staff support positive behavior changes through regular phone contacts and by offering engaging opportunities such as nutrition classes and walking groups. This year, 190 WISEWOMAN clients were given 270 Market Fresh coupon booklets worth $20 to use on locally grown fresh fruits and veggies from the Farmer’s Market.

**FY2012 STATS AT A GLANCE**

- 213 women were referred for a diagnostic exam due to elevated blood pressure, abnormal glucose or cholesterol levels.
- 372 women were offered lifestyle counseling and support to reach their healthy lifestyle goals.

A nurse uses an educational kit to teach self-breast exam techniques.

A WISEWOMAN Lifestyle Counselor goes over correct portion sizes with a client at her annual screening.
As part of the COMMUNICABLE DISEASE (CD) program, staff work with local provider offices and MDCH to document, investigate, and limit the spread of CD infections.

Through TUBERCULOSIS (TB) CONTROL PHDM nurses manage confirmed, active cases of TB until treatment is complete.

- In FY2012, there were no active TB cases reported in Delta & Menominee counties.

OUTBREAK in FY12

PERTUSSIS An outbreak of 43 cases of Pertussis occurred in Delta and Menominee counties between November 2011 and September 2012. Of these, 12 cases were adults and three were infants. The majority were children who attended Escanaba or Bark River-Harris Schools. PHDM worked with area physicians to ensure suspected cases were tested, treated and that prevention measures were taken to avoid spread to close contacts. PHDM provided education to the public regarding Pertussis and promoted the administration of Pertussis-containing vaccine (Tdap).

The following CD cases were reported to PHDM:

<table>
<thead>
<tr>
<th></th>
<th>FY2010</th>
<th>FY2011</th>
<th>FY2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Food borne illnesses</td>
<td>38</td>
<td>40</td>
<td>57</td>
</tr>
<tr>
<td>Flu-like illnesses</td>
<td>2,831</td>
<td>836</td>
<td>1,241</td>
</tr>
<tr>
<td>Blastomycosis</td>
<td>1</td>
<td>3</td>
<td>0</td>
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<tr>
<td>Histoplasmosis</td>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Legionellosis</td>
<td>2</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Ehrlichiosis</td>
<td>1</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>Sexually Transmitted Infections</td>
<td>113</td>
<td>118</td>
<td>121</td>
</tr>
<tr>
<td>Chicken Pox</td>
<td>58</td>
<td>6</td>
<td>1</td>
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<tr>
<td>Lyme Disease</td>
<td>32</td>
<td>28</td>
<td>23</td>
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<tr>
<td>Hepatitis B</td>
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<td>8</td>
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<tr>
<td>Hepatitis C</td>
<td>49</td>
<td>49</td>
<td>37</td>
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<tr>
<td>Meningitis</td>
<td>3</td>
<td>3</td>
<td>1</td>
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<tr>
<td>Invasive Streptococcus pneumoniae</td>
<td>3</td>
<td>13</td>
<td>6</td>
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<tr>
<td>Pertussis</td>
<td>1</td>
<td>2</td>
<td>43</td>
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<tr>
<td>Community Health Services Program Numbers</td>
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<td>FY2011</td>
<td>FY2012</td>
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<tr>
<td>---------------------------------------------------------------</td>
<td>--------</td>
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<tr>
<td>WIC Participants</td>
<td>1,703</td>
<td>1,648</td>
<td>1,661</td>
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<tr>
<td>Early On® of Delta County—Children Enrolled</td>
<td>130</td>
<td>132</td>
<td>129</td>
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<tr>
<td>CSHCS—Families Enrolled</td>
<td>156</td>
<td>146</td>
<td>129</td>
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<tr>
<td>EPSDT—Children Screened</td>
<td>527</td>
<td>447</td>
<td>410</td>
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<tr>
<td>Hearing—Children Screened</td>
<td>1,717</td>
<td>1,542</td>
<td>1,457</td>
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<td>Vision—Children Screened</td>
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<td>Lead—Children Screened</td>
<td>418</td>
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<td>Seasonal Flu Vaccines Administered</td>
<td>2,557</td>
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<td>Other Vaccines Administered</td>
<td>4,370</td>
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<td>Family Planning Clients</td>
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<td>HIV/AIDS Individuals Tested &amp; Counseled</td>
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<td>Individuals Tested for STIs</td>
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<td>BCCCP Clients Screened</td>
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<td>WISEWOMAN Clients Screened</td>
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<td>Senior Health Screening—Clients Screened</td>
<td>110</td>
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<td>Maternal &amp; Infant Health Program—Clients Enrolled</td>
<td>N/A</td>
<td>85</td>
<td>173</td>
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</tbody>
</table>

*Delay in funding reduced the number of clinics for FY12.
COMMUNITY HEALTH PROMOTION (CHP) continues to receive funds that offer services to help residents change their lifestyle and move toward a state of optimal health. The following projects were funded through grant monies and coordinated through CHP.

SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM- EDUCATION (SNAP-ED) provided nutrition education to SNAP recipients at a variety of locations, which included PHDM, the Escanaba and Menominee Farmers’ Markets, a local food pantry, and a low-income housing complex. Through their efforts, staff were able to reach 312 low income individuals.

In FY 2012, ACTION COMMUNITIES FOR HEALTH, INNOVATION, AND ENVIRONMENTAL CHANGE (ACHIEVE) program expanded the Yellow Bike Program to three locations in the Gladstone Community, including the Harbor, Campground and Brampton Bike & Ski. Nearly 400 residents participated in this program in both Gladstone and Escanaba. Though the three year grant cycle for this project ended in September 2012, the Healthy Communities Coalition (HCC) will continue to collaborate on projects that promote a healthier community.

The SAFE ROUTES TO SCHOOL (SRTS) program enables and encourages students to walk and bicycle to school. SRTS aims to make walking and bicycling to school a safer and more appealing transportation alternative by encouraging a healthy and active lifestyle from an early age. This year, PHDM staff assisted Gladstone Junior High and Escanaba Middle Schools in completing and implementing their action plan. Approximately 700 students and 25 staff participated in the Walk to School Days that were part of this program.

The BUILDING HEALTHY COMMUNITIES (BHC) promotes Complete Streets design principles that result in safe, accessible, and convenient access along and across roadways for all types of transportation users – including pedestrians, bicyclists, and transit riders. This year staff worked with the City of Gladstone, adopted a Complete Streets Ordinance. The ordinance is nonbinding and encourages local transportation planners to consider pedestrians and bicyclists when planning and implementing transportation projects.
The **TOBACCO REDUCTION PROGRAM** works to eliminate exposure to secondhand smoke. Staff assisted the City of Gladstone in implementing a Smoke-Free policy that covered the guarded beach and neighborhood playgrounds. They also organized a cigarette-butt clean-up with National Junior Honor Society students from Gladstone Junior High, and students from the Healthy Youth Coalition in Stephenson. Presentations about the benefits of Tobacco Free parks and beaches were available to local communities, and were given to the Gladstone and Stephenson communities.

A **GREAT SMOKE-FREE START** is funded by the Delta County Community Foundation and offers free help to pregnant women and parents with children in the home. A trained American Lung Association Freedom From Smoking counselor offers individualized counseling to all interested clients. In FY2012, 26 parents were referred to this program. Eight came in seeking cessation support and developed a quit plan.

The **HANNAHVILLE TOBACCO PROGRAM** was new in Fiscal Year 2012 and marked the beginning of a new collaborative project between PHDM and the Hannahville Department of Health and Human Services. During this year, Tobacco Program staff began to work at the Hannahville Health Center, providing cessation support, Freedom From Smoking classes, and also helped the community conduct the American Indian Adult Tobacco use survey. They also worked with the students of Nah Tah Wahsh PSA in commercial tobacco abuse prevention.

**ALCOHOL & OTHER DRUG SERVICES**

**PREVENTION** offers a variety of services to youth and adults through collaboration with community prevention partners. For example, staff provide education to local tobacco retailers regarding the laws of tobacco sales. In 2012, random checks were performed in both Delta & Menominee Counties. No retailers sold to minors.

The **SUBSTANCE ABUSE PREVENTION COALITIONS** allows prevention staff to coordinate the SAVE Council in Delta County (formerly Community Violence & Substance Abuse Prevention Council). In Menominee, PHDM staff has lead roles on the Healthy Youth Coalition in conjunction with the Intermediate School District.

Using media and education, the Health Youth Coalition raised awareness to the community, regarding the dangers of synthetic drugs.
COALITION ACTIVITIES AND CAMPAIGNS IN FY2012:

Mocktails  A program designed to show community residents non-alcoholic alternative drinks for the holidays and parties. 1400 community residents were treated to mocktails at local grocery stores and other community locations around the holidays.

Sticker Shock  Four Menominee County retailers participated in the campaign, promoting awareness of the consequences of providing alcohol to minors. 1800 stickers were placed on multipack containers of alcohol products.

Alcohol Awareness Month  Approximately 800 stickers with a message to celebrate alcohol and drug free were given to florists for prom flowers. Hotels in the area received information regarding prom events and the dangers of renting rooms to underage guests.

**HEY YOU!!!**

Michigan law makes it a crime for any person to sell or provide alcohol to a minor with up to a $1,000 fine and/or up to 60 days in jail for a first time conviction.  

PLEASE DON'T PROVIDE ALCOHOL TO MINORS!

Destructive Behaviors – Author and Public Speaker, Ron Gladowski was brought to the area and presented to approximately 2,150 students and adults in Delta county. The topics included bullying, substance abuse and destructive behaviors.

Buzzed Driving is Drunk Driving  Prevention staff and local alcohol retailers partnered in the “Buzzed Driving is Drunk Driving” campaign. Bar owners posted information regarding drunk driving during heavy consumption periods such as holidays and local events.

Prescription Drug Abuse  Staff participated in the DEA Drug Takeback campaign collecting unused prescription drugs from residents of both communities.
SUBSTANCE ABUSE ASSESSMENT SERVICES are provided by a Certified Addiction Counselor.

- Confidential Substance Abuse Evaluations
  Referrals are received from various agencies, employers, and the courts.

- Driver License Appeal Division Assessments
  Provides Secretary of State evaluations required for license reinstatement.

FETAL ALCOHOL SYNDROME DISORDERS (FASD) SCREENING & REFERRAL — The goal of this program is to decrease the incidence of Fetal Alcohol Syndrome Disorders by screening female clients of childbearing age for alcohol use and birth control reliability.

- Staff provides education to women about the risk of alcohol use during pregnancy and refers to Family Planning if indicated.
- Staff trains other professionals to identify, refer and provide services for individuals and families affected by prenatal alcohol exposure.

The goal of ALL STARS is to decrease substance abuse, fighting and delinquency among middle school students by promoting the following:

- Commitment to a positive lifestyle
- Wholesome standards
- Resiliency
- Sense of belonging
- Positive relationships

New in 2012 — All-Stars is now being offered at Holy Name.

The Delta Kappa Gamma Society awarded Ruth Botbyl, PHDM Prevention Specialist, the Friend of Education Award, for providing All-Stars at her assigned schools.

SMART MOVES (Skills Mastery & Resistance Training) serves youth ages 6-13 and promotes: positive attitudes & behaviors leading to healthy lifestyles, and offers to help children overcome challenging circumstances.
ENVIRONMENTAL HEALTH SERVICES

WATER SUPPLY EH staff ensure wells are constructed in compliance with State regulations. Staff provide evaluations, issue permits, and other consultation and education.

Half of all residents in Delta & Menominee counties rely on groundwater for household drinking water.

NON-COMMUNITY WATER SUPPLY
Staff conduct surveys, track monitoring requirements and offer trainings for Certified Water Supply operators for those facilities with a water well serving over 25 people 60 or more days per year.

SEPTAGE EH staff provide annual inspections of septage hauling vehicles, land application sites and receiving facilities.

BODY ART PHDM staff conduct inspections of licensed body art facilities on an annual basis.

PUBLIC SWIMMING POOLS Routine inspections and investigations of possible illness/complaints ensures that people who use public pools or hot tubs have a safe environment. Staff educate pool operators and users and make recommendation for licensure to the Michigan Department of Environmental Quality.

ON-SITE WASTEWATER The goal of this program is to protect the public’s health through proper treatment and disposal of sanitary waste. On-site sewage treatment/disposal systems are regulated by the Delta & Menominee Counties Sanitary Code. Staff perform evaluations, issue permits, and offer consultation and education.

FOOD PROTECTION EH staff inspect fixed location, temporary, vending, and mobile food service establishments. EH staff also conduct foodborne illness investigations. Training is provided to anyone involved in preparing or serving food to the public.

Through the RADON program, staff provide education to the public about the dangers of radon. Technical assistance is offered to those who have elevated radon levels in their homes. Radon kits are available for sale at PHDM.

GEOGRAPHIC INFORMATION SYSTEMS (GIS) EH staff maintain a GIS, which provides on-line local digital data via PHDM’s Intranet. This system allows for a visual review of soil types, floodplains, potential sources of contamination and areas of special well construction requirements.
DEPARTMENT OF HUMAN SERVICES (DHS) FACILITY INSPECTIONS PHDM staff inspect and evaluate the water supply, on-site sewage treatment/disposal system and general environmental health items for DHS-licensed facilities such as adult foster care homes, day care family and group homes, child day care centers, and children and adult foster care camps.

BATHING BEACH MONITORING Staff monitor E.coli bacteria levels of local Lake Michigan beaches and when levels are unacceptable, the beach is closed until water quality improves.

CAMPGROUNDS In Delta and Menominee counties, 22 campgrounds are inspected annually in addition to the temporary campgrounds which are typically associated with festivals throughout the district. Staff ensure that facilities are safe and sanitary, and that the water supply for the campground is safe for drinking.

### Environmental Health Services

<table>
<thead>
<tr>
<th>Service</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-Community Water Supplies</td>
<td>99</td>
<td>97</td>
<td>93</td>
</tr>
<tr>
<td>On-Site Wastewater Permits Issued</td>
<td>190</td>
<td>165</td>
<td>164</td>
</tr>
<tr>
<td>Well Construction Permits Issued</td>
<td>128</td>
<td>104</td>
<td>134</td>
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<tr>
<td>Inspections of Septage: Land application sites</td>
<td>11</td>
<td>9</td>
<td>9</td>
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<tr>
<td>Receiving facility</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Septage hauling vehicles</td>
<td>20</td>
<td>12</td>
<td>11</td>
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<tr>
<td>Inspections of Department of Human Services Facilities</td>
<td>19</td>
<td>15</td>
<td>28</td>
</tr>
<tr>
<td>Temporary Food Service Licenses Issued (served food for less than 14 days)</td>
<td>198</td>
<td>214</td>
<td>208</td>
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<tr>
<td>Annual Food Service Licenses Issued</td>
<td>297</td>
<td>302</td>
<td>293</td>
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<tr>
<td>Inspections of Food Service Establishments</td>
<td>766</td>
<td>689</td>
<td>665</td>
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<tr>
<td>Bathing Beach Samples Collected &amp; Analyzed</td>
<td>111</td>
<td>389</td>
<td>383</td>
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<tr>
<td>Inspections of Public Swimming Pools &amp; Spas</td>
<td>9 &amp; 10</td>
<td>5 &amp; 10</td>
<td>9 &amp; 5</td>
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<tr>
<td>Inspections of Temporary Campgrounds</td>
<td>13</td>
<td>11</td>
<td>11</td>
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<tr>
<td>Radon Program Kits Sold</td>
<td>68</td>
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<tr>
<td>Body Art Fixed Facilities Inspections</td>
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<td>7</td>
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<tr>
<td>Body Art Temporary Facilities Inspections</td>
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</table>
The Emergency Preparedness (EP) Program is responsible for supporting PHDM in the management and coordination of public health emergencies such as:

- Natural Disasters
- Technological Disasters
- Bioterrorism Incidents

- Other Acts of Chemical and Radiological Terrorism
- Pandemic Flu

Priority activities in 2012:

- Completed School-Based Point of Dispensing training for participating facilities
- Updated the PHDM all hazards Emergency Operations Plan and supporting annexes and appendices
- Completed a PHDM jurisdictional risk assessment

The School-Based Point of Dispensing program began in 2011 and partners area schools with public health for medication dispensing sites or mass vaccination sites in the event of a public health emergency. Each of the participating schools received a go-kit filled with essential supplies and materials, a facility-specific operational plan, and training on how and when School-Based Points of Dispensing will be activated. All of the participating schools received onsite training by September 2012.

PHDM maintains an all hazards Emergency Operations Plan. In 2012, the PHDM Emergency Operations Plan and all of the supporting documents were updated and submitted to the Michigan Department of Community Health Office of Public Health Preparedness for review.

Finally, PHDM worked with local emergency management to complete a public health-specific jurisdictional risk assessment. This assessment looked at the likelihood and impact of over forty potential hazards, as well as community resources available and health department preparedness for those same hazards. A total risk was assigned for each hazard which helped PHDM prioritize response plan revisions and develop targeted training and exercises, allowing for the most efficient use of resources—both human and financial.

Looking Forward.....Public health preparedness programs continue to face many challenges. Federal funds for preparedness have declined by approximately 50% since 2001. The Centers for Disease Control and Prevention (CDC) has developed a process for defining a set of Public Health Preparedness Capabilities to assist state and local health departments with strategic planning. The capability-based planning will help state and local planners in identifying gaps in preparedness, determining the specific jurisdictional priorities, and developing plans for building and sustaining capabilities for ongoing preparedness.

Achieving Preparedness...Work is guided by the following 15 Public Health Emergency Preparedness Capabilities:

* Community Preparedness
* Community Recovery
* Emergency Public Information and Warning
* Information Sharing
* Medical Material Management and Distribution
* Non-Pharmaceutical Interventions
* Medical Countermeasure Dispensing
* Public Health Surveillance and Epidemiologic Investigation
* Fatality Management
* Responder Safety and Health
* Volunteer Management
* Medical Surge
* Emergency Operations Coordination
* Mass Care
* Public Health Laboratory Testing
Annual Report FY2012

PHDM STAFF

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Accounting: Kay Bai, Diane Dubord, Lynn Woelffer

Delta Clerical: Wanda Kloet, James "Lou" Reynolds

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MCIR: Jeanné McCoy, Debbie Brunette

WIC Peer Counselor: Mallory Brockman

Menominee Clerical: Jennie Krause, Tammy Nichols

Delta Nurse: Marylin Kaikkonen

Executive Secretary: Kim Gustafson

Delta Clerical: Kathy Winchester, Sharon Heltman, Nancy Wahl, Kristen Simonsen, Kristen DeVet, Patti Dubord
PHDM Staff

AODS Prevention & Treatment:
Back: Jenni Grabowski, Erin Viau, Ruth Botbyl, Kelly Arnold. Seated: Mary Claire Massi-Lee, Karen Sargent

Delta Environmental Health: Mike Snyder, Ashley Anderson, Lori Schultz, Joe Ranthum, Ian Nelson

Menominee Environmental Health: Patti Miller-Arsineau, Kristin Walters

Community Health Promotion:
Shanna Hammond, Jen Nagy, Ruth Proehl, Bridget Naser, Casey Young, Kim Gustafson

Delta & Menominee Nurses: Back: Julie Dums, Carrie Plimptom, Sheryl Farr, Jennie Miller, Susan Cobb. Middle: Linda Brachmann, Vina Beverlouis, Ashlee LaPlant, Chris Hughes, Becky Walter, Debbie Poquette, Vicki Musselman. Front: Katie Sinclair, Carley Reynolds, Carrie Polley, Billie Jo Tebo, Joan Vandenbush, Joan Schlenvogt, Jen Nagy

PHDM Retirement Tribute

Mark Weber, PHDM’s Emergency Preparedness Coordinator, retired in April 2012 after a total of 9 1/2 years of service to PHDM. One of his main contributions to PHDM, was creating and facilitating the mass flu clinics at the Ruth Butler Building.

Ruth Proehl retired in June 2012 after 21 dedicated years to PHDM. She worked in almost every program during her time, but was known for her contributing roles in the Early On Program, Children’s Special Health Care Services, Community Health Promotion and was PHDM’s all around “go-to” person.