

# ***Agency Annual Report 2008***

**October 1, 2007 – September 30, 2008**

**[www.lmasdhd.org](http://www.lmasdhd.org)**

## **MISSION STATEMENT**

To contribute to the present and future health of persons residing, visiting, or working in the Counties of Luce, Mackinac, Alger, and Schoolcraft, by direct provision of services; by facilitating the delivery of services provided by others; and by monitoring and regulating activities that may have an impact on the health of these communities. Emphasis is placed on:

- A. Education and information, by which individuals can make informed decisions on how to maintain or improve health through their own initiatives.
- B. The maintenance or creation of environmental conditions conducive to health.
- C. Prevention of disease for persons at risk or potentially at risk.
- D. The early detection, treatment, and rehabilitation of those afflicted.
- E. Providing high-quality home care services as an accredited home health agency; and affirming the concept of palliative care by providing pain relief and addressing the dimensions of physical, social, psychological and spiritual care.

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## ***A MESSAGE TO THE COMMUNITY***

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Letter to the Community,

On behalf of the Board of Health and the staff of the LMAS District Health Department, I am pleased to present our fiscal year 2008 Annual Report. Our Agency continues to be committed to providing the citizens of Luce, Mackinac, Alger and Schoolcraft Counties the best in public health services.

The Health Department is the unit of county government mandated by state law to maintain the health of county residents, prevent disease, and protect individuals from environmental hazards. This report summarizes the health department's activities during what proved to be another challenging and productive year. It is intended to give citizens an update on the health status of our community and a greater understanding of the department's function and impact. We look forward to the challenges to come as we continue our efforts to make Luce, Mackinac, Alger and Schoolcraft Counties a safer and better place in which to live.

As the economy continues to decline, the importance of our programs and services has increased. On behalf of the staff, I would like to express our continued commitment to fulfill our mission and obligation to the communities that we serve.

Sincerely,

Brian P. Schoenborn  
Health Officer

### **Board of Health**

Rita Lemanek, Luce County  
Nancy Morrison, Luce County  
Calvin McPhee, Mackinac County  
Dawn Nelson, Mackinac County, *Vice Chair*,  
Edward Lindstrom, Alger County  
Esley Mattson, Alger County, *Chair*  
Margaret Arnold/Daniel LaFoille, Schoolcraft County  
John Zellar, Schoolcraft County

### **Administrative Staff**

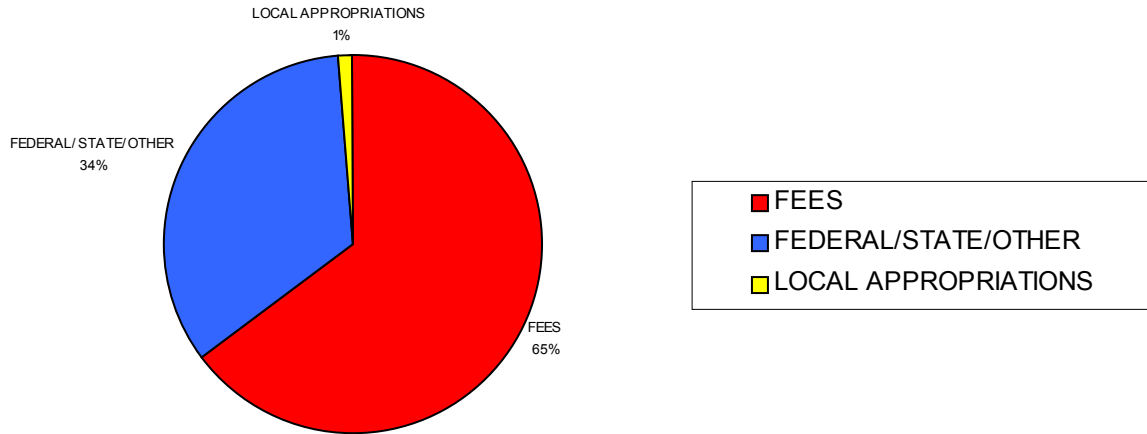
Marvin Henderson/David Martin, Health Officer  
Dr. James Terrian, Medical Director  
Nicholas Derusha, Environmental Health Director  
Melissa Copenhaver, Personal and Family Health Director  
Heidi Gibbons, Community Health Director  
Margaret Austin, Home Health and Hospice Director  
Stan Bontrager, Information Technology Director  
Lisa Kleeman, Support Services Director/Finance Manager

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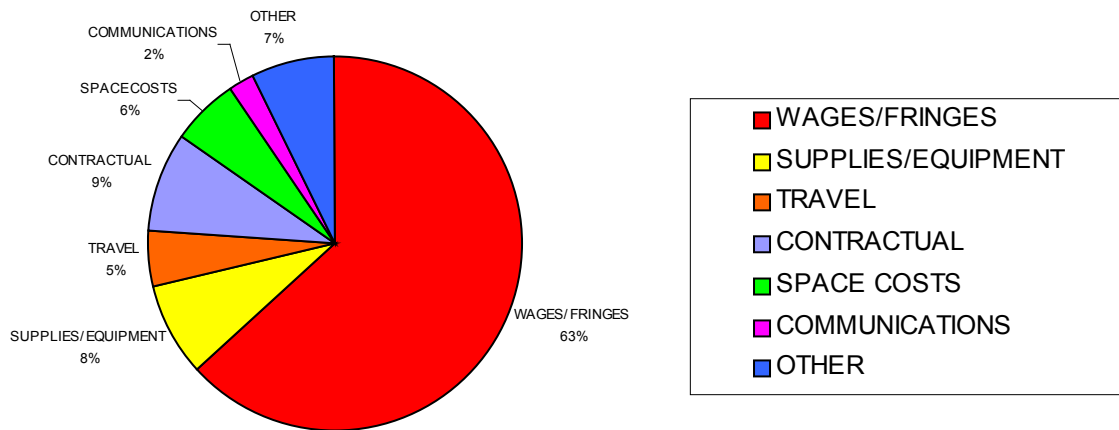
# FINANCIAL STATISTICS

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## 2008 REVENUE



## 2008 EXPENSES



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# ***COMMUNITY HEALTH SERVICES***

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## **PROFILE**

The mission of the LMAS District Health Department Community Health Division is to assist individuals including adolescents, adults and senior citizens to understand the issues surrounding substance abuse. LMAS staff will provide treatment services that allow the individuals to decrease the adverse effects alcohol and/or other drugs causes for the individual, family and community members. On a functional level, our mission is defined by a variety of activities in three areas: Prevention, Intervention and Treatment. Addiction services include substance abuse assessments, Driver's License Evaluations, individual and group counseling/educational sessions and efforts to increase public awareness on the issues surrounding substance abuse. The Community Health Division is also made up of Prevention Services, Tobacco Education Programs, and youth workgroups that focus on underage drinking issues, as well as tobacco and other drugs, Michigan Department of Corrections (MDOC) Phase II Substance Abuse prison-based educational groups and the Michigan Prisoner Re-entry Initiative (MPRI).

## **HIGHLIGHTS OF 2008**

In 2008, the Community Health Division received a second year grant for \$142,500 to work with the Michigan Prisoner Re-entry Initiative in Chippewa, Luce and Mackinac Counties. This grant will focus on assisting parolees returning to these areas to receive the needed resources for them to succeed outside of prison.

Our division was also awarded the 2008 Spirit of Collaboration Award through the Blue Cross/Blue Shield Foundation, for our work with youth on prevention of underage access to tobacco.

LMAS was awarded a 2- year grant through the Safe Schools/Healthy Students Initiative. The grant allows LMAS to conduct a new Prevention program entitled "All Stars." This grant funding helped to pay for Training, materials and implementation of this program in the 6-8<sup>th</sup> grades of Manistique School.

Community Health staff continue to be involved in the drug court programs for all four counties, and have attended trainings to provide treatment services for this program. We continue to offer Individual, Enhanced Individual and Group therapy to meet the needs of drug court participants.

The Community Health, Prevention staff continues to work with the Smoke-Free Regulation awareness campaign in Luce County and to provide support and enforcement for the regulation in Mackinac, Alger and Schoolcraft Counties.

The Community Health Treatment division began working towards the implementation of Sex Offender Group services to help bridge this gap in service needs for returning parolees with CSC charges. Our group services will be designed to identify and provide education on thinking errors surrounding this type of addiction and find ways to provide coping skills and aftercare planning that will allow the individual to increase chances of success and provide the needed tools to make necessary life changes.

The Michigan Department of Corrections (MDOC) Phase II Substance Abuse groups have been facilitated in three correctional facilities through September 30, 2008. The groups provide information to inmates on how their substance abuse addictions have and will continue to affect all areas of their lives and the lives of their families if they do not make positive changes. The group sessions then allow the inmates to gain the information needed to make these changes. The group focuses heavily on problem solving and ways to handle life stressors rather than drinking or using. This concept is introduced through in class role-play, out of class homework assignments and the development of an individualized treatment and Recidivism Prevention Plan. Within our Michigan Department of Corrections (MDOC) Substance Abuse Education programs we have maintained consistent programming to meet the needs of each of our three Correctional Facilities. Currently we facilitate a total of 7 prison-based Re-integration groups.

# **COMMUNITY HEALTH SERVICES**

## **MICHIGAN DEPARTMENT OF CORRECTIONS**

| <b>SERVICES</b> | <b>FY 2008</b> | FY 2007 | FY 2006 |
|-----------------|----------------|---------|---------|
| Intakes         | <b>209</b>     | 197     | 721     |
| Groups          | <b>222</b>     | 437     | 951     |
| Client Services | <b>2272</b>    | 3,037   | 923     |

\* In fiscal year 2006 there were 923 discharges reported.

## **COUNSELING OUTPATIENT SERVICES**

| <b>SERVICE</b>         | <b>FY 2008</b>  | <b>FY 2007</b>                               |
|------------------------|---|--|
|                        | <b>Luce, Mackinac, Alger &amp; Schoolcraft Counties</b> | Luce, Mackinac, Alger & Schoolcraft Counties |
| Group Education        | <b>144</b>  | 163  |
| Intakes                | <b>183</b>  | 180  |
| Individual sessions    | <b>2,131</b>  | 1,680  |
| Alcohol Highway Safety | <b>28</b>   | 16   |

| <b>COUNTY</b> | <b>2008</b>           | <b>2008</b>              | 2007           | 2007              | 2006           | 2006              |
|---------------|-----------------------|--------------------------|----------------|-------------------|----------------|-------------------|
|               | <b>Clients Served</b> | <b>Services Provided</b> | Clients Served | Services Provided | Clients Served | Services Provided |
| Luce          | <b>81</b>             | <b>387</b>               | 39             | 397               | 79             | 453               |
| Mackinac      | <b>102</b>            | <b>774</b>               | 84             | 769               | 84             | 663               |
| Alger         | <b>78</b>             | <b>635</b>               | 104            | 512               | 90             | 398               |
| Schoolcraft   | <b>94</b>             | <b>688</b>               | 101            | 544               | 172            | 986               |

- Number of services provided may indicate Enhanced Treatment or other individual criteria specific to that county or caseload.

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# COMMUNITY HEALTH SERVICES

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## PREVENTION ACTIVITIES

The LMAS District Health Department was able to provide a variety of services in all four of the counties that promoted prevention awareness relating to drugs, alcohol and tobacco. These services included the following programs:

|                                     |   |
|-------------------------------------|---|
| <b>Protecting You/Protecting Me</b> | This program is designed for students in grades 1-5. It focuses on the effects of alcohol on the developing brain during the first 21 years of life. The program helps to reach children before they have fully shaped their attitudes and opinions about alcohol use by youth and their role in preventing it. |
| <b>Hazards of Tobacco (H.O.T.)</b>  | A tobacco education program for grades 6-8.   |
| <b>Tar Wars</b>                     | Geared towards 4 <sup>th</sup> and 5 <sup>th</sup> grade students and provides Tobacco Education.   |
| <b>Tobacco Blues</b>                | A two-week tobacco education program provided to students under age 18 years, who have been caught using or possessing tobacco products.  |
| <b>Prime for Life</b>               | This program was provided in Luce, Mackinac, Alger and Schoolcraft classrooms in 2008 and focused on reducing high-risk behaviors through decision-making relating to drugs and alcohol.  |

Other activities included:

- Health Fair Presentations on topics relating to Fetal Alcohol Syndrome or FAS, drug and alcohol prevention and tobacco regulation.
- Civic group presentations on various topics relating to drug and alcohol education, as well as the tobacco regulation
- Coalition development and maintenance, such as the Prescription Drug Abuse Prevention workgroup, Michigan Coalition to Reduce Underage Drinking (MCRUD) and meeting, People Helping People which focuses on Suicide Prevention.
- The Teens Against Tobacco Use (TATU) youth planned and organized a Smoke-Free Recognition for the opening of the band shell in Manistique, MI. The event featured displays including 1,000 pairs of shoes, representing the number of lives lost each year to second-hand smoke. Along with the various events, the teens organized a walk for Tobacco-Free Air, and several attendees took part to recognize the importance of keeping our air smoke-free.

In closing, LMAS Prevention staff have assisted community partners with health fairs, radio advertisements, newspaper articles and school referral programs to bring awareness to the issues surrounding substance abuse.

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# ***ENVIRONMENTAL HEALTH***

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## **Profile**

The Environmental Health Division is responsible for ensuring the highest standard of public health is achieved within this department's four county jurisdiction. This high standard of public health is attained by managing a variety of different program areas throughout the district, including: onsite water supply, non-community public water supply (Type II), onsite sewage treatment and disposal, food service sanitation (both fixed and temporary), soil erosion and sedimentation control (Mackinac County only), swimming pools, campgrounds, great lakes beach monitoring, complaint investigation, existing facility inspections, Department of Health and Human Services environmental health inspections, and radon.

## **2008 Review**

In 2008, the Environmental Health Division continued to improve the public health services we provide. Michigan Department of Environmental Quality (MDEQ) again completed a review of the Private/Type III Water Supply Program and the Type II Water Supply Program and gave approval for each. The trend of declining permit numbers continued in 2008 and the division responded by attrition. This included replacing the full-time Type II Water Supply Coordinator with a half-time Type II Water Supply Coordinator, who is doing an outstanding job, and with the turnover of clerical staff in the Alger office, that position was replaced with half-time designated to Environmental Health and the other half-time designated to the other divisions. In order to maintain the high standard of work we have been achieving, the division has also implemented Quality Assurance Programs in both the Food Service Sanitation Program and the Onsite Sewage Treatment and Disposal Program. As part of the Quality Assurance programs the respective program coordinators conduct both file reviews and field reviews to ensure staff are completing all required work in accordance with current accreditation standards and to provide consistency across the four district offices. The Food Service Program Coordinator has also undergone the necessary training to become a certified trainer for the Food Service Program, which allows her to train new staff in accordance with current MDA standards. The Food Service Program Coordinator completed the necessary training to become a ServSafe Manager Certification instructor as well. This will allow the division to provide low cost training opportunities for our Licensed Food Service Establishments to meet the manager certification requirement of the new food code that will take effect June 30, 2009.



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## **ENVIRONMENTAL HEALTH**

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### **FOOD SERVICE**

The Food Service Program includes the inspection of fixed food establishments (restaurants, township halls, etc.), mobile food establishments, special transitory food units, temporary food events, complaint investigation, and food borne illness investigation. Field staff continues using the Sword Solutions software while conducting food service inspections. The Sword Solutions software is an effective tool for conducting food service inspections because it saves time, and assists in making sure all reports issued out of the four county offices are consistent. The Food Service Program Coordinator has also begun a Quality Assurance Program, which will allow the division to conduct in house reviews to ensure we are meeting current accreditation standards prior to the actual accreditation reviews. Also, in response to the new Food Code requiring a certified manager in all Licensed Foodservice Establishments the Program Coordinator has completed the necessary training in order to teach the ServSafe Manager Certification Program so the department can provide the training to licensed establishments for only the cost of training materials. The Program Coordinator has also become a standardized trainer, which will allow her to train new staff in the Food Service program in the event the department hires new staff. Previously the department did not have anyone trained in this area.

| <b>Food Service Participation</b> | <b>FY 2008</b> | <b>FY 2007</b> | <b>FY 2006</b> |
|-----------------------------------|----------------|----------------|----------------|
| Total Inspections                 | <b>676</b>     | 725            | 716            |
| Fixed Food Inspections            | <b>490</b>     | 537            | 590            |
| Temporary Food Inspections        | <b>185</b>     | 180            | 129            |

### **WATER SUPPLY PROGRAM**

The water supply program includes onsite water supply wells for both residential and public water supplies. The public water supply program is divided into Type I, Type II, and Type III wells. Type I public water supplies are municipal systems and are regulated by the Michigan Department of Environmental Quality (MDEQ). LMAS maintains jurisdiction over Type II and Type III water supplies as well as residential water supplies. The Type II or III designation is dependent on the number of people served. There are 294 active Type II water supplies within the district, which make up approximately 400 individual wells. All 294 of these supplies are monitored to ensure that the owners/operators are meeting their water sampling obligations, and a sanitary survey (physical inspection of the well and surroundings) of each well needs to be completed once every 5 years to verify maintenance, isolation, and plumbing systems are satisfactory. Each program also contains a permitting component in which the department conducts a site inspection to ensure proper siting of new wells and conducts reviews of well construction records to verify appropriate construction. All of the water supply programs are on an annual review cycle. All three programs (residential, Type II, and Type III) were reviewed and approved by the MDEQ in 2008.

| <b>Water Supply Participation</b> | <b>FY 2008</b> | <b>FY 2007</b> | <b>FY 2006</b> |
|-----------------------------------|----------------|----------------|----------------|
| Well Permits                      | <b>213</b>     | 268            | 302            |
| Site Evaluations                  | <b>210</b>     | 259            | 290            |
| Type II Sanitary Surveys          | <b>82</b>      | 78             | 73             |
| Water Supply Enforcement Actions  | <b>31</b>      | 18             | 26             |

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## **ENVIRONMENTAL HEALTH**

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### **SEWAGE PROGRAM**

The sewage program is comprised of permitting, inspecting, and enforcement for onsite sewage treatment and disposal systems for both residential and commercial uses. In order to continue to provide the high level of service we currently provide our Sewage Program Coordinator has begun an extensive Quality Assurance Program, which, entails reviewing staff work to assure compliance with current accreditation standards. This puts us in a very good position for upcoming accreditation reviews.

| <b>Services</b>                 | <b>FY 2008</b> | FY 2007 | FY 2006 |
|---------------------------------|----------------|---------|---------|
| Sewage System Site Evaluations  | <b>251</b>     | 312     | 338     |
| Sewage System Permits           | <b>226</b>     | 284     | 327     |
| Sewage System Final Inspections | <b>258</b>     | 265     | 244     |

### **SOIL EROSION AND SEDIMENTATION CONTROL (SESC) PROGRAM**

The SESC Program is administered by LMAS in Mackinac County. Administering the program includes application processing, site inspections, permitting, complaint investigations and enforcement. Sites that require SESC permits include earth changes within 500 ft. of a lake or stream or earth changes that are over 1 acre in size. Sand and Gravel pits also require SESC permits. The division continues to work diligently to ensure construction inspections are done frequently in order to prevent sedimentation of the waterways and to meet program requirements.

| <b>SESC Services</b>                   | <b>FY 2008</b> | FY 2007 | FY 2006 |
|--|----------------|---------|---------|
| <b><i>Initial Site Evaluations</i></b> | <b>65</b>      | 53      | 56      |
| <b>Permits Issued</b>                  | <b>66</b>      | 63      | 66      |
| <b>Construction Inspections</b>        | <b>158</b>     | 201     | 158     |
| <b>Final Inspections</b>               | <b>15</b>      | 8       | 21      |

### **PUBLIC SWIMMING POOL PROGRAM**

LMAS is also responsible for maintaining a public swimming pool program throughout the district. The swimming pool program consists of monitoring all licensed public swimming pools (the term pool includes both swimming and spa pools) within our jurisdiction to ensure compliance with MDEQ public swimming pool rules. In the 2008 Fiscal year LMAS field staff conducted 41 public swimming pool and 40 spa pool inspections within our four county service area.

| <b>Public Swimming Pool Participation</b> | <b>FY 2008</b> | FY 2007 | FY 2006 |
|---|----------------|---------|---------|
| Public Swimming Pool Inspections          | <b>41</b>      | 62      | 65      |
| Public Spa Pool Inspections               | <b>40</b>      | 58      | *       |
| Follow-up Inspections                     | <b>5</b>       | 24      | *       |

\* No information reported

# ENVIRONMENTAL HEALTH

## COMPLAINT INVESTIGATION

LMAS investigates complaints from the public for all of the programs that we administer.

| Complaint Investigation Type           | 2008      | 2007 | 2006 |
|--|-----------|------|------|
| Septic Complaints                      | 26        | 6    | 40   |
| Well Complaints                        | 1         | 1    | 3    |
| Food Service Complaints                | 17        | 9    | 8    |
| SESC Complaints                        | 4         | 2    | 2    |
| Department of Human Services Complaint | 0         | 0    | 0    |
| <b>TOTAL COMPLAINT INVESTIGATIONS</b>  | <b>48</b> | 18   | 53   |

## EXISTING FACILITY EVALUATIONS

This program consists of the evaluations of existing sewage systems and water supplies to determine if the construction and isolation meet current standards. These inspections are done upon request by the applicant and in most cases are needed in order to obtain a mortgage, but in some instances are needed in order to determine if it would be feasible to connect a newly constructed home to the existing water supply and/or sewage system.

| Existing Facility Evaluations                                | 2008      | 2007 | 2006 |
|--|-----------|------|------|
| Existing Sewage System Inspections                           | 8         | 12   | 30   |
| Existing Water Supply Inspections                            | 2         | 9    | 6    |
| Existing Sewage System and Existing Water Supply Inspections | 1         | 2    | 3    |
| <b>TOTAL EXISTING FACILITY EVALUATIONS</b>                   | <b>11</b> | 23   | 39   |

## MICHIGAN DEPARTMENT OF HUMAN SERVICES (MDHS) INSPECTIONS

The MDHS program consists of conducting Environmental Health inspections for MDHS licensed facilities. These facilities include both child and adult care establishments. The MDHS Environmental Health Inspections are done upon request of MDHS. There are two types of Environmental Health Inspections: sewage/water (Part A) and general sanitation (Part B). The Part A inspections closely mirror our existing facility evaluations and ensure that the existing water supply and sewage system are adequate for their intended use. The Part B inspections focus on making sure conditions are sanitary and refuse is removed on a regular basis.

| MDHS Environmental Health Inspections              | 2008      | 2007 | 2006 |
|--|-----------|------|------|
| Part A   | 10        | 19   | 14   |
| Part B   | 4         | 0    | 3    |
| Part A and Part B                                  | 18        | 15   | 11   |
| Follow-up Inspections                              | 2         | 4    | 6    |
| <b>TOTAL MDHS ENVIRONMENTAL HEALTH INSPECTIONS</b> | <b>34</b> | 38   | 34   |

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## **ENVIRONMENTAL HEALTH**

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### **RADON**

Administering the radon program throughout the district mainly focuses on education. Staff members attend area health fairs passing out radon test kits, informational packets, and answering questions about radon. Our agency also provides informational articles to local newspapers. Each month the state submits radon test results to our agency to be reviewed by staff members and kept on file. In addition to the health fairs the public can pick up a test kit at all of our offices throughout the year.

| <b>Charcoal Radon Test Kits</b> | <b>FY 2008</b> | <b>FY 2007</b> | <b>FY 2006</b> |
|---------------------------------|----------------|----------------|----------------|
| Number of Kits Distributed      | <b>110</b>     | 457            | 445            |

### **CAMPGROUND PROGRAM**

MDEQ had administered the campground program for the district for approximately 3 years as LMAS worked toward getting the other program areas up to accreditation standards. In 2006 LMAS took the campground program back. The Campground program includes an annual licensing inspection, temporary campground inspections, follow-up inspections, complaint investigation, and enforcement.

| <b>Campground Services</b>       | <b>FY 2008</b> | <b>FY 2007</b> | <b>FY 2006</b> |
|----------------------------------|----------------|----------------|----------------|
| Annual Licensing Inspections     | <b>73</b>      | 73             | 90             |
| Follow-up Inspections            | <b>0</b>       | 1              | 0              |
| Temporary Campground Inspections | <b>2</b>       | 1              | 1              |

### **GREAT LAKES BEACH MONITORING PROGRAM**

The Great Lakes Beach Monitoring Program was new to LMAS in 2006. The program consists of identifying all public bathing beaches on the great lakes within our four county area, conducting sanitary surveys for each beach, actively monitoring beaches that have a high risk of contamination, investigating complaints, and uploading all data compiled onto the states beach monitoring website.

| <b>Great Lakes Beach Monitoring Program</b> | <b>FY 2008</b> | <b>FY 2007</b> | <b>FY 2006</b> |
|---|----------------|----------------|----------------|
| Public Beaches                              | <b>83</b>      | 76             | *              |
| Actively Monitored                          | <b>4</b>       | 2              | *              |

\* No information reported

## **HOME HEALTH**

| <b>PROGRAM AREA</b>                         | <b>Fiscal 2008<br/>(12 month)</b> | <b>Fiscal 2007<br/>(12 month)</b> | <b>Fiscal 2006<br/>(12 month)</b> |
|---|-----------------------------------|-----------------------------------|-----------------------------------|
| <b>Total Population Served</b>              | <b>Estimated</b>                  | <b>Estimated</b>                  | <b>Estimated</b>                  |
| Luce  | 6,728                             | 6,728                             | 6,684                             |
| Mackinac                                    | 10,877                            | 10,877                            | 11,050                            |
| Alger                                       | 9,612                             | 9,612                             | 9,665                             |
| Schoolcraft                                 | 8,518                             | 8,518                             | 8,744                             |
| Delta                                       | 37,367                            | 37,367                            | 38,156                            |
| Menominee                                   | 24,249                            | 24,249                            | 24,696                            |
| <b>Total Number of Home Visits</b>          | <b>18,961</b>                     | <b>19,481</b>                     | <b>19,489</b>                     |
| <b>Unduplicated Clients</b>                 |                                   |                                   |                                   |
| 64 years of age or under                    | 109                               | 109                               | 135                               |
| 65 years of age or older                    | 332                               | 350                               | 422                               |
| <b>Total Number of Patient Referrals</b>    |                                   |                                   |                                   |
| Total number opened – duplicated clients    | 503                               | 488                               | 559                               |
| Total number not opened                     | 46                                | 37                                | 11                                |
| <b>Referral Sources for Opened Clients</b>  |                                   |                                   |                                   |
| Hospitals                                   | 220                               | 164                               | 157                               |
| Physicians                                  | 186                               | 204                               | 156                               |
| Self, family, or friend                     | 26                                | 46                                | 23                                |
| Nursing Home                                | 54                                | 38                                | 33                                |
| Other agencies                              | 24                                | 27                                | 18                                |
| Not otherwise assigned                      | 39                                | 42                                | 42                                |
| <b>Total number of Hospital Referrals</b>   |                                   |                                   |                                   |
| War Memorial Hospital, Sault Ste. Marie, MI | 17                                | 23                                | *                                 |
| Northern Michigan Hospital, Petoskey, MI    | 32                                | 32                                | *                                 |
| Marquette General, Marquette, MI            | 23                                | 13                                | *                                 |
| Munson Medical Center, Traverse City, MI    | 8                                 | 10                                | *                                 |
| University of Michigan, Ann Arbor, MI       | 5                                 | 1                                 | *                                 |
| Helen Newberry Joy, Newberry, MI            | 8                                 | 8                                 | *                                 |
| Bay Area Medical Center, Marinette, WI      | 29                                | 11                                | *                                 |
| Mackinac Straits Hospital, St. Ignace, MI   | 16                                | 11                                | *                                 |
| St. Francis Medical Center, Escanaba, MI    | 8                                 | 6                                 | *                                 |
| Schoolcraft Memorial, Manistique, MI        | 2                                 | 5                                 | *                                 |
| Other (unspecified)                         | 66                                | 44                                |                                   |
| <b>Total Number of Services Provided</b>    |                                   |                                   |                                   |
| Skilled Nursing Care                        | 8,545                             | 7,997                             | 8,321                             |
| Physical Therapy                            | 3,940                             | 4,592                             | 4,442                             |
| Occupational Therapy                        | 1,158                             | 1,258                             | 1,128                             |
| Speech Therapy                              | 149                               | 22                                | 39                                |
| Medical Social Worker                       | 71                                | 86                                | 145                               |
| Home Care Aide                              | 5,098                             | 5,526                             | 5,414                             |
| <b>Not Home or Not Found</b>                | <b>466</b>                        | <b>574</b>                        | <b>503</b>                        |
| <b>Refused Services</b>                     | <b>226</b>                        | <b>344</b>                        | <b>250</b>                        |

## **HOME HEALTH & HOSPICE**

| <b>PROGRAM AREA</b>                        | <b>Fiscal 2008<br/>(12 month)</b> | <b>Fiscal 2007<br/>(12 month)</b> | <b>Fiscal 2006<br/>(12 month)</b> |
|--|-----------------------------------|-----------------------------------|-----------------------------------|
| <b>Patient Status at Time of Discharge</b> |                                   |                                   |                                   |
| Condition improved/goals met               | 171                               | 181                               | 161                               |
| No longer homebound                        | 0                                 | 2                                 | 40                                |
| Discharged to another agency               | 8                                 | 18                                | 12                                |
| Admitted to a hospital/care facility       | 10                                | 16                                | 38                                |
| Admitted to a SNF                          | 27                                | 41                                | 35                                |
| Changed to new funding source              | 0                                 | 0                                 | 0                                 |
| Refused services                           | 9                                 | 8                                 | 0                                 |
| Moved from the area                        | 11                                | 9                                 | 25                                |
| Death                                      | 47                                | 35                                | 36                                |
| Physician's request                        | 0                                 | 2                                 | 15                                |
| Admitted to Hospice                        | 9                                 | 7                                 | 8                                 |
| Lack of progress                           | 52                                | 21                                | 0                                 |
| Other                                      | 215                               | 123                               | 47                                |
| <b>Service by Payment Plan</b>             |                                   |                                   |                                   |
| Medicare                                   | 17,065                            | 17,679                            | 17,801                            |
| Medicaid                                   | 382                               | 533                               | 856                               |
| Blue Cross/Blue Shield                     | 1,240                             | 975                               | 618                               |
| Other Insurance                            | 256                               | 293                               | 193                               |
| Private Pay                                | 18                                | 1                                 | 21                                |
| <b>Total Miles Driven by Staff</b>         |                                   |                                   |                                   |
| Registered Nurses                          | 184,873                           | 202,621                           | 196,156                           |
| Home Care Aides                            | 98,163                            | 122,799                           | 121,366                           |
| Therapists                                 | 156,944                           | 173,146                           | 199,751                           |
| Medical Social Workers                     | 3,665                             | 2,882                             | 8,427                             |
| Registered Dieticians                      | N/A                               | N/A                               | N/A                               |
| <b>Private Duty Services</b>               |                                   |                                   |                                   |
| Clients                                    | 25                                | 30                                | 25                                |
| RN P.D. visits                             | 86                                | 102                               | 56                                |
| Home Care Aide                             | 553                               | 1670                              | 1312                              |
| OT visits                                  | 0                                 | 0                                 | 0                                 |
| PT visits                                  | 0                                 | 0                                 | 0                                 |
| <b>Children's Special Services</b>         |                                   |                                   |                                   |
| Census                                     | 2                                 | 5                                 | 5                                 |
| RN hours                                   | 0                                 | 8.55                              | 27 1/2                            |
| LPN hours                                  | 69:15                             | 1219.55                           | 1570.15                           |
| <b>UPCAP</b>                               |                                   |                                   |                                   |
| Census                                     | N/A                               | N/A                               | N/A                               |
| RN visits                                  | N/A                               | N/A                               | N/A                               |
| Skilled hours                              | N/A                               | N/A                               | N/A                               |
| Home Care Aide visits                      | N/A                               | N/A                               | N/A                               |
| <b>Foot Care</b>                           |                                   |                                   |                                   |
| Clients                                    | 5                                 | 199                               | 175                               |

# **HOSPICE**

| <b>PROGRAM AREA</b>                            | <b>Fiscal 2008<br/>(12 month)</b> | <b>Fiscal 2007<br/>(12 month)</b> | <b>Fiscal 2006<br/>(12 month)</b> |
|--|-----------------------------------|-----------------------------------|-----------------------------------|
| <b>Unduplicated Census</b>                     | <b>39</b>                         | <b>40</b>                         | <b>24</b>                         |
| <b>Routine Home Care</b>                       |                                   |                                   |                                   |
| Clients who receive routine home care          |                                   | <b>40</b>                         | <b>23</b>                         |
| Range of Length of Care in days                | <b>1 – 366</b>                    | <b>1 – 365</b>                    | <b>3 – 160</b>                    |
| Total routine home care provided in days       | <b>3604</b>                       | <b>2,825</b>                      | <b>1,145</b>                      |
| Average Length of Care in days                 | <b>78</b>                         | <b>71</b>                         | <b>50</b>                         |
| <b>Continuous Care Hours</b>                   |                                   |                                   |                                   |
| Number of clients                              | <b>1</b>                          | <b>0</b>                          | <b>0</b>                          |
| Number of hours                                | <b>68</b>                         | <b>0</b>                          | <b>0</b>                          |
| Average number of hours per client             | <b>68</b>                         | <b>0</b>                          | <b>0</b>                          |
| <b>Inpatient Stay - Hospital</b>               |                                   |                                   |                                   |
| Number of clients                              | <b>5</b>                          | <b>4</b>                          | <b>3</b>                          |
| Number of days                                 | <b>18</b>                         | <b>28</b>                         | <b>33</b>                         |
| <b>Inpatient Stay - Respite</b>                |                                   |                                   |                                   |
| Number of clients                              | <b>1</b>                          | <b>1</b>                          | <b>0</b>                          |
| Number of days                                 | <b>3</b>                          | <b>4</b>                          | <b>0</b>                          |
| <b>Physician Services</b>                      |                                   |                                   |                                   |
| Number of clients                              | <b>0</b>                          | <b>0</b>                          | <b>0</b>                          |
| Number of services                             | <b>0</b>                          | <b>0</b>                          | <b>0</b>                          |
| <b>Room &amp; Board</b>                        |                                   |                                   |                                   |
| Number of clients                              | <b>2</b>                          | <b>6</b>                          | <b>4</b>                          |
| Number of days                                 | <b>74</b>                         | <b>278</b>                        | <b>204</b>                        |
| <b>Visit Statistics</b>                        |                                   |                                   |                                   |
| RN visits                                      | <b>879</b>                        | <b>772</b>                        | <b>355</b>                        |
| SW visits                                      | <b>226</b>                        | <b>271</b>                        | <b>110</b>                        |
| PT visits                                      | <b>66</b>                         | <b>25</b>                         | <b>11</b>                         |
| OT visits                                      | <b>12</b>                         | <b>16</b>                         | <b>0</b>                          |
| ST visits                                      | <b>0</b>                          | <b>18</b>                         | <b>0</b>                          |
| HHA visits                                     | <b>880</b>                        | <b>551</b>                        | <b>85</b>                         |
| <b>Number of Hospice Clients who have Died</b> | <b>24</b>                         | <b>22</b>                         | <b>22</b>                         |

## ***PERSONAL AND FAMILY HEALTH***

### **Profile**

The Personal & Family Health Services Division of LMAS District Health Department includes many programs that strive to provide the opportunity for individuals and families in our communities to reach their maximum potential for health, education, self-support and self-fulfillment. Programs are designed to promote positive healthy outcomes both for the individual, the family and the community at large, through early intervention activities, community education/outreach and health counseling services. We are committed to provide those necessary services that perhaps could not be provided elsewhere for so many in our communities. Registered Nurses or Registered Social Workers provide most services. LMAS continues to be fully accredited by the Michigan Department of Community Health (MDCH).

The division operates with one director with responsibility for oversight and direction of all PFH programs, 22 staff members and a business manager who assists with data analysis, billing issues and quality improvement. Two new Nurse Practitioners were hired to assist in Mackinac and Luce Counties.

## **PROGRAM OVERVIEWS**

### **Communicable Disease Program**

The Communicable Disease Program includes gathering, reporting and investigating communicable diseases, in an effort to timely and effectively monitor public health threats. In 2008 LMAS consulted with area schools, hospitals and long term care facilities related to issues such as MRSA, TB and Norovirus. LMAS Family Planning and STD staff also provided presentations to the local Alternative Education classes in each community.

| <b>DATA REPORTED TO THE MICHIGAN DISEASE SURVEILLANCE SYSTEM</b> |             |             |             |   |             |             |             |
|--|-------------|-------------|-------------|---|-------------|-------------|-------------|
|  | <b>2008</b> | <b>2007</b> | <b>2006</b> |   | <b>2008</b> | <b>2007</b> | <b>2006</b> |
| Animal Bite  | <b>9</b>    | 13          | 9           | Influenza   | <b>12</b>   | 6           | 1           |
| Blastomycosis  | <b>0</b>    | 1           | 0           | Lyme Disease  | <b>0</b>    | 0           | 0           |
| Campylobacter  | <b>4</b>    | 6           | 2           | Meningitis, aseptic/bacterial                             | <b>4</b>    | 1           | 2           |
| Chicken Pox (Varicella)  | <b>4</b>    | 9           | 11          | Mumps   | <b>0</b>    | 0           | 1           |
| Chlamydia  | <b>22</b>   | 36          | 31          | Pertussis   | <b>0</b>    | 2           | 1           |
| Cryptosporidiosis  | <b>0</b>    | 0           | 1           | Salmonellosis   | <b>4</b>    | 6           | 9           |
| Flu-like Illness   | <b>0</b>    | 0           | 1           | Staphylococcus aureus Infect                              | <b>0</b>    | 0           | 1           |
| Giardiasis   | <b>1</b>    | 2           | 5           | Streptococcus pneumoniae, Inv                             | <b>0</b>    | 0           | 1           |
| Gonorrhea  | <b>1</b>    | 2           | 1           | Syphilis  | <b>0</b>    | 1           | 1           |
| Hepatitis A  | <b>1</b>    | 0           | 0           | Unusual Outbreak/Occurrence                               | <b>2</b>    | 2           | 0           |
| Hepatitis B, chronic/acute                                       | <b>2</b>    | 0           | 1           | Yersinia enteritis  | <b>0</b>    | 0           | 1           |
| Hepatitis C, chronic   | <b>25</b>   | 14          | 17          | Source: Data submitted to the MDSS for the four counties. |             |             |             |

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## **PERSONAL AND FAMILY HEALTH**

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### **TB Screening and Control**

LMAS provides TB screening to the public and follows up on any positive TB screening tests. Follow up includes assisting clients with seeking medical attention, arranging for medication and monitoring medication adherence. LMAS nurses receive training through the American Lung Association to ensure that TB tests are performed properly.

| <b>TB Screening and Control</b>                                | <b>2008</b> | 2007 | 2006 |
|--|-------------|------|------|
| Number of TB Test Performed                                    | <b>169</b>  | 196  | 196  |
| Number of Clients Monitored for Treatment of Latent TB Disease | <b>0</b>    | 1    | 1    |

### **Immunization Program**

Immunizations are administered to children and adults in order to reduce vaccine preventable diseases. The Vaccine for Children Program (VFC) provides vaccine for children who qualify, and was established to assure all children have access to vaccines. Babies and children through 18 years of age who are uninsured or under-insured, are on Medicaid, are American Indian or Alaskan Native are eligible. Some vaccines, like Hepatitis B, Hepatitis A, TD, MMR and Tdap, are also available for adults who are uninsured or under-insured through the Michigan Adult Vaccine Replacement Program. LMAS also provides a wide array of vaccines to clients who privately pay for vaccine such as flu, shingles, Hepatitis A, Hepatitis B, and Pneumovax. The Immunization Program requires close surveillance due to the complex schedule used to guide vaccine administration and the criteria for storing vaccine. New vaccine combinations were added to the schedules, and there continue to be ongoing issues with vaccine shortages, which are monitored by the health department.

| <b>Immunization Program</b>           | <b>2008</b> | 2007 | 2006 |
|---------------------------------------|-------------|------|------|
| Immunizations Administered to Clients | <b>2805</b> | 2503 | 2795 |

LMAS monitors the VFC immunization inventory and activity of several providers. As Michigan Department of Community Health implements new processes, we coordinate various provider and LMAS staff trainings. During 2008, we provided training on the Michigan Care Improvement Registry (MCIR), Vaccine Immunization Module (VIM), and Centralized Ordering Distribution (COD). Our staff Immunization Nurse Educator provides education to local immunization providers and also performs site visits to ensure vaccines are administered and stored properly. We monitor the immunization coverage levels of many different age groups, and provide outreach and education to the public on vaccine preventable diseases. Plans are currently in place to provide mass vaccinations, if needed, as part of our Emergency Preparedness.

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## **PERSONAL AND FAMILY HEALTH**

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### **WOMEN'S HEALTH PROGRAMS**

Our Women's Health Programs include the Breast and Cervical Cancer Control Program (BCCCP) and Family Planning Program. Women who meet BCCCP Program guidelines, established by the State, can receive free clinical breast exams, pelvic exams, pap smears and referral services for mammography and other identified health care needs. Follow up services and referrals for treatment are also provided. Family Planning services consist primarily of contraceptive services, exams and education/counseling. Fertility enhancement can be considered. Sexually Transmitted Disease (STD) screening, diagnosis, treatment and follow up is an integral part of Family Planning services.

The BCCCP caseload for LMAS in FY 2008 was 515, which was divided between LMAS offices and the Sault Tribe of Chippewa Indians Health Centers. Both were successful at meeting 100% of the caseload.

The Plan First! Program is a Medicaid Waiver program designed to provide Family Planning services to eligible women ages 19 to 44. This has been a much needed service for the community and although there have been a few challenges with the program LMAS staff have been successful in their enrollment efforts. Plan First clients represent about 35% of our Family Planning caseload.

| <b>BCCCP Program</b>                    | <b>2008</b> | 2007 | 2006 |
|---|-------------|------|------|
| LMAS Clients                            | <b>221</b>  | 205  | 246  |
| Tribal Clients                          | <b>294</b>  | 278  | 327  |
| BCCCP Services provided to LMAS Clients | <b>439</b>  | 346  | 344  |

| <b>Family Planning Program</b>                                    | <b>2008</b> | 2007 | 2006 |
|---|-------------|------|------|
| Unduplicated Clients  | <b>639</b>  | 663  | 730  |
| Total Services Provided, excluding contraceptives                 | <b>1826</b> | 1841 | 2385 |
| Total FP Contraceptives Administered/Dispensed, excluding condoms | <b>3062</b> | 3316 | N/A  |

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## ***PERSONAL AND FAMILY HEALTH***

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### **MATERNAL AND CHILD HEALTH PROGRAMS**

Service, support and education services are offered for income eligible pregnant and postpartum women, infants and children through several programs.

#### **Women, Infant and Children (WIC) Program**

The Special Supplemental Nutrition Program for Women, Infants and Children, better known as the WIC Program, serves pregnant or breastfeeding women, infants and children, providing nutritional foods to supplement diets, information on healthy eating and referrals to health care. The state funded performance caseload for FY 2008 was 1003. As of 9/30/08, 1096 clients were enrolled in WIC.

| <b>WIC Program</b>   | <b>2008</b> | 2007 | 2006 |
|----------------------|-------------|------|------|
| Unduplicated Clients | <b>1495</b> | 1516 | 1550 |
| Services Provided    | <b>2789</b> | 3010 | 3493 |

LMAS performed 359 blood tests to check for any indication of the presence of lead in our clients.

LMAS began the transition to electronic benefits (EBT) thereby eliminating the need for computer-generated coupons.

During the summer months, LMAS offers the Project Fresh Program that provides clients with \$20 worth of coupons that can be used to purchase Michigan grown fruits and vegetables at local farmers markets. In fiscal year 2008, over 165 clients benefited from this program.

The following demonstrates the total value of the food dollars spent by our WIC participants with local vendors during FY 2008:

| <b><i>FY2008</i></b>  |                     |
|-----------------------|---------------------|
| COUNTY                | TOTAL DOLLARS       |
| Luce                  | \$200,796.63        |
| Mackinac              | \$164,738.08        |
| Alger                 | \$156,960.75        |
| Schoolcraft           | \$214,937.24        |
| <b>District Total</b> | <b>\$734,432.70</b> |

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## **PERSONAL AND FAMILY HEALTH**

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### **Maternal Infant Health Program (MIHP)**

The Maternal portion of this program provides one-on-one support and teaching about body changes, fetal growth and development, parenting skills, counseling, support and guidance for a healthy and comfortable pregnancy. A three-person team, consisting of a Registered Nurse, Social Worker and a Registered Dietician, provides services to each client, both in our offices and at the client's home. The program also provides assistance with arrangements for prenatal and postpartum medical visits, childbirth classes, WIC appointments and referrals to community resources.

Infant support continues through the first year of the baby's life, with education and counseling on growth, early parenting, infant nutrition, breastfeeding and much more.

| <b>Maternal Infant Health Program</b> | <b>2008</b>  | 2007 | 2006  |
|---------------------------------------|--------------|------|-------|
| Maternal Services Provided            | <b>1,111</b> | 1204 | 1,287 |
| Maternal Clients Served               | <b>214</b>   | 255  | 313   |

| <b>Maternal Infant Health Program</b> | <b>2008</b> | 2007 | 2006  |
|---------------------------------------|-------------|------|-------|
| Infant Services Provided              | <b>768</b>  | 778  | 1,016 |
| Infant Clients Served                 | <b>143</b>  | 142  | 203   |

| <b>Blood Lead</b> | <b>2008</b> | 2007 | 2006 |
|-------------------|-------------|------|------|
| Services Provided | <b>359</b>  | 343  | N/A  |

### **Children's Special Health Care Services (CSHCS)**

The Children's Special Health Care Services Program is designed for children who have chronic medical problems that if not treated, could result in long-term disability. The program provides health care coverage so clients can obtain specialist evaluations and if the condition meets criteria, supplementary insurance is provided to cover costs related to that diagnosis. At the health department, we assist families with enrollment, transportation, care coordination, case management and a wide array of family concerns.

| <b>Children Special Health Care Services</b> | <b>2008</b> | 2007 | 2006 |
|--|-------------|------|------|
| Services Provided                            | <b>251</b>  | 177  | 234  |
| Clients Served                               | <b>188</b>  | 137  | 157  |

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## **PERSONAL AND FAMILY HEALTH**

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### **Hearing and Vision Program**

LMAS offers hearing and vision screening services to preschool age population via Head Start programs, Community Action Agencies, WIC clinics at the Health Department and to school children in our local school environments, as well as kindergarten roundup in each community.

| <b>Hearing and Vision Program</b> | <b>2008</b>  | 2007 | 2006 |
|-----------------------------------|--------------|------|------|
| Hearing Screenings                | <b>1,103</b> | 725  | 1116 |
| Vision Screenings                 | <b>2,010</b> | 1265 | 1082 |

### **CONTINUING EDUCATION, TRAININGS AND CONFERENCES**

In an effort to remain current with all community health issues, our staff regularly attends trainings and conferences on a variety of subjects. In fiscal year 2008, our public health nurses attended the following conferences/trainings:

- Fall Regional Immunization Conference
- The 8<sup>th</sup> annual Michigan Communicable Disease Conference
- Breastfeeding Basics Training
- STD Training
- Family Planning Webcast
- Anthropometric Training
- Medical Update on Chlamydia Conference
- Certified Lactation Specialist Course.

Our clerks attended the Value Enhanced Nutrition Assessment (VENA) workshop and WIC Policy Webcast and our Hearing and Vision Technician attended a Hearing and Vision workshop.

Our staff also attended conferences on applying for various grants and were successful in receiving a \$50,000.00 grant from Building Healthy Communities as well as a \$671.00 grant from the Mackinac Island Community Foundation to assist with provision of WIC services on Mackinac Island.

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# EMERGENCY PREPAREDNESS

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## Profile

The Emergency Preparedness section develops and enhances LMAS responses to public health issues in the community especially those large-scale emergency events. This is accomplished through comprehensive planning, staff education and training, and collaboration with community partners. An All-Hazards preparedness approach is used to cover multiple emergencies including disease outbreaks, food or water contamination, and bio-terrorism related threats or events.

## All-Hazard Preparedness Planning

The following plans were updated and enhanced:

- All Hazards Plan includes response command and control, disease surveillance, lab testing availability and procedures, community containment/infection control, medical management, data management, staff mental health response, recovery and consequence management.
  - Crisis and Emergency Risk Communication Plan outlines the procedures and responsibilities in the event of public health threats and emergencies; public information and communications; and responder/resource contact information.
  - Strategic National Stockpile (SNS) Plan includes procedures for receipt and distribution of pharmaceuticals and medical equipment from Federal sources and subsequent distribution in the local community.

## Emergency Responder Collaboration – Drills/Exercises

- Attended coordination meetings/exercises with Local Emergency Planning Committees (LEPC); Local Planning Teams (LPT); and local county Emergency Management in each county.
- Participated in monthly teleconferences with Emergency Planning Coordinators (EPCs) in the Upper
  - Peninsula (Region 8; statewide with Michigan Department of Community Health.)
- Facilitated meetings with community and tribal representatives for pandemic flu response planning and receipt and distribution of SNS pharmaceuticals.
- Presented pandemic flu awareness and planning information to community groups.
- Shared in meetings and trainings of a Community Emergency Response Team (CERT), Medical Reserve Corps (MRC) and served on the advisory committee for Region 8 hospitals/Emergency Medical Technicians (EMT) in the Region 8 Hospital Preparedness and Planning (HPP) program.
- Received training in 6 different emergency response categories.
- Conducted 16 internal exercises involving components of LMAS emergency responses
- Planned and conducted major exercise involving multiple emergency responders and government officials in the process for ordering, receiving and processing pharmaceuticals from the Federal Strategic National Stockpile (SNS).
- Planned and conducted two full-scale mass flu immunization clinics in conjunction with hospitals and Emergency Managers in Alger and Schoolcraft Counties.

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## **FISCAL YEAR 2008 STAFF**

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### **ADMINISTRATION**

| <b><i>LAST NAME</i></b> | <b><i>FIRST NAME</i></b> | <b><i>COUNTY</i></b> | <b><i>TITLE</i></b>       |
|-------------------------|--------------------------|----------------------|---------------------------|
| BONTRAGER               | STANLEY                  | LUCE                 | IT DIRECTOR               |
| BOSANIC                 | SHAUNTA                  | SCHOOLCRAFT          | FINANCE SPECIALIST II     |
| BOWLER                  | ROBERT                   | LUCE                 | ACCOUNTING MANAGER        |
| CHARBONNEAU             | PAULA                    | LUCE                 | ADMINISTRATIVE ASSISTANT  |
| CLARK                   | WILLIAM                  | ALGER                | MAINTENANCE REPAIRMAN     |
| COUCH                   | ELSA                     | SCHOOLCRAFT          | GENERAL CLERK             |
| DZELAK                  | MELISSA                  | LUCE                 | FINANCE SPECIALIST II     |
| GEREAU                  | NICOLE                   | DELTA                | CUSTODIAN                 |
| HENDERSON               | MARVIN                   | LUCE                 | HEALTH OFFICER            |
| HOOPER                  | GENEVA                   | LUCE                 | SYSTEMS ANALYST           |
| ISON                    | ANN                      | LUCE                 | HUMAN RESOURCE MANAGER    |
| JOHNSON                 | DENISE                   | LUCE                 | LEAD CUSTOMER SERVICE REP |
| KLEEMAN                 | LISA                     | LUCE                 | FINANCE MANAGER           |
| MARTIN                  | DAVID                    | LUCE                 | INTERIM HEALTH OFFICER    |
| MCCUNE                  | MARK                     | SCHOOLCRAFT          | EMER. PREPAREDNESS COORD  |
| PARKER IV               | RICHARD                  | LUCE                 | MAINTENANCE SUPERVISOR    |
| PAVEY                   | AMY                      | LUCE                 | FINANCE SPECIALIST II     |
| PRUNICK                 | THOMAS                   | ALGER                | MAINTENANCE REPAIRMAN     |
| SHAULIS                 | LORI                     | LUCE                 | FINANCE SPECIALIST II     |
| TERRIAN                 | JAMES                    | LUCE                 | MEDICAL DIRECTOR          |
| ZDEBSKI                 | AMY                      | LUCE                 | FINANCE SPECIALIST        |

### **COMMUNITY HEALTH**

| <b><i>LAST NAME</i></b> | <b><i>FIRST NAME</i></b> | <b><i>COUNTY</i></b> | <b><i>TITLE</i></b>   |
|-------------------------|--------------------------|----------------------|-----------------------|
| BARTON                  | DIANNE                   | SCHOOLCRAFT          | PREVENTION SPECIALIST |
| DIXSON                  | DARRELL                  | SCHOOLCRAFT          | ADDICTIONS COUNSELOR  |
| DRAGAN                  | MARC                     | LUCE                 | CH COORDINATOR        |
| DRAGAN                  | HEIDI                    | LUCE                 | CH DIRECTOR           |
| FRANKOVICH              | KRISTA                   | SCHOOLCRAFT          | CUSTOMER SERVICE REP  |
| MACDOWELL               | MELANIE                  | MACKINAC             | PREVENTION SPECIALIST |
| MARKSTROM               | DIANE                    | LUCE                 | ADDICTIONS COUNSELOR  |
| MATHENY                 | GARY                     | MACKINAC             | CH COORDINATOR        |
| NADEAU                  | REBECCA                  | SCHOOL               | PREVENTION SPECIALIST |
| QUINN                   | SONNET                   | MACKINAC             | CUSTOMER SERVICE REP  |
| SHEPPARD                | JENNIFER                 | MACKINAC             | ADDICTIONS COUNSELOR  |
| WINK                    | MARY                     | LUCE                 | ADDICTIONS COUNSELOR  |
| WOLFGANG                | STEVEN                   | LUCE                 | SOCIAL WORKER         |

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## **FISCAL YEAR 2008 STAFF**

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### **ENVIRONMENTAL HEALTH**

| <i><b>LAST NAME</b></i> | <i><b>FIRST NAME</b></i> | <i><b>COUNTY</b></i> | <i><b>TITLE</b></i> |
|-------------------------|--------------------------|----------------------|---------------------|
| ANDERSON                | LAURA                    | ALGER                | GENERAL CLERK       |
| BARR                    | SCOTT                    | LUCE                 | SANITARIAN          |
| BROW                    | LANCE                    | MACKINAC             | SANITARIAN          |
| DERUSHA                 | NICHOLAS                 | LUCE                 | EH DIRECTOR         |
| HEYRMAN                 | CHELSEA                  | ALGER                | GENERAL CLERK       |
| HUBBLE                  | JENNIFER                 | SCHOOLCRAFT          | EH COORDINATOR      |
| MOSELEY                 | THOMAS                   | ALGER                | SANITARIAN          |
| NELSON                  | STACI                    | MACKINAC             | GENERAL CLERK       |
| SMITH                   | JANET                    | LUCE                 | LEAD CLERK          |
| SMITH                   | LINDA                    | SCHOOLCRAFT          | TYPE II COORDINATOR |
| SUGGITT                 | ELIZABETH                | MACKINAC             | EH COORDINATOR      |
| WEBER                   | REBECCA                  | SCHOOLCRAFT          | GENERAL CLERK       |

### **HOME HEALTH AND HOSPICE**

| <i><b>LAST NAME</b></i> | <i><b>FIRST NAME</b></i> | <i><b>COUNTY</b></i> | <i><b>TITLE</b></i>      |
|-------------------------|--------------------------|----------------------|--------------------------|
| ANDERSON                | ANGELA                   | LUCE                 | LEAD REGISTERED NURSE    |
| AUSTIN                  | MARGARET                 | DELTA                | HH DIRECTOR              |
| BAKER                   | ALBERTA                  | MACKINAC             | REGISTERED NURSE         |
| BERNIER                 | SARAH                    | DELTA                | LEAD CLERK               |
| BITTNER                 | MISTY                    | DELTA                | CAREFACTS SPECIALIST     |
| BLASHILL                | ROSEMARY                 | MACKINAC             | HH QI ADMINISTRATOR      |
| BONTEKOE                | MARY                     | SCHOOLCRAFT          | HH AIDE                  |
| BROWN                   | LONI                     | MACKINAC             | HH AIDE                  |
| BURROWS                 | MARGARET                 | MACKINAC             | REGISTERED NURSE         |
| BURTON                  | NIKKI                    | LUCE                 | LICENSED PRACTICAL NURSE |
| CHENIER                 | MICHELE                  | DELTA                | GENERAL CLERK            |
| COAKLEY                 | KRISTIN                  | MENOMINEE            | GENERAL CLERK            |
| CROWDER                 | DEBBIE                   | DELTA                | LICENSED PRACTICAL NURSE |
| DAKE                    | LISA                     | LUCE                 | CAREFACTS SPECIALIST     |
| DAVIS                   | LINDA                    | MACKINAC             | REGISTERED NURSE         |
| DEMEUSE                 | KAREN                    | DELTA                | HH AIDE                  |
| EBY                     | MARGARET                 | MACKINAC             | GENERAL CLERK            |
| EDBERG                  | CARRIE                   | MENOMINEE            | HH AIDE                  |
| FILON                   | KAROLINA                 | MENOMINEE            | PHYSICAL THERAPIST       |
| FILON                   | TADEUSZ                  | MENOMINEE            | PHYSICAL THERAPIST       |
| FULCHER                 | NANCY                    | ALGER                | NURSING SUPERVISOR       |
| GALLAGHER               | ETHEL                    | LUCE                 | REGISTERED NURSE         |
| GEREAU                  | PAMELA                   | DELTA                | NURSING SUPERVISOR       |
| GERMAIN                 | ANGELA                   | DELTA                | HH AIDE                  |
| GIBSON                  | SANDRA                   | LUCE                 | HH AIDE                  |
| GOODCHILD               | REBECCA                  | DELTA                | HH AIDE                  |
| GREGORY                 | GRETCHEN                 | LUCE                 | REGISTERED NURSE         |

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## **FISCAL YEAR 2008 STAFF**

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### **HOME HEALTH AND HOSPICE**

| <b><i>LAST NAME</i></b> | <b><i>FIRST NAME</i></b> | <b><i>COUNTY</i></b> | <b><i>TITLE</i></b>        |
|-------------------------|--------------------------|----------------------|----------------------------|
| HARJU                   | JODY                     | MACKINAC             | GENERAL CLERK              |
| HARTMAN                 | LYNDA                    | MACKINAC             | NURSING SUPERVISOR         |
| HAWKINS                 | CARL                     | MACKINAC             | MEDICAL DIRECTOR           |
| HILLIARD                | DEBRA                    | LUCE                 | SOCIAL WORKER              |
| HOWLAND                 | KELLY                    | MACKINAC             | HH AIDE                    |
| JACK                    | KARI                     | DELTA                | GENERAL CLERK              |
| JENEROU                 | BONNIE                   | SCHOOL               | REGISTERED NURSE           |
| KEUPPER                 | STANLEY                  | DELTA                | REGISTERED NURSE           |
| KING                    | BARBARA                  | MACKINAC             | REGISTERED NURSE           |
| KUEBLER                 | GEORGIANNA               | LUCE                 | MEDICAL RECORDS SPECIALIST |
| MACDOWELL               | SHAROLYN                 | MACKINAC             | GENERAL CLERK              |
| MARKS                   | HELEN                    | MACKINAC             | REGISTERED NURSE           |
| MCCLEAREN               | LORI                     | SCHOOL               | REGISTERED NURSE           |
| MCCLURE                 | MARIE                    | MACKINAC             | HH AIDE                    |
| MILLER                  | JENNIFER                 | LUCE                 | GENERAL CLERK              |
| MISNER                  | JUDY                     | MACKINAC             | NURSING SUPERVISOR         |
| MORRISON                | JEFFREY                  | LUCE                 | HH OPERATIONS SUPPORT      |
| OCKO                    | COLLETTE                 | LUCE                 | HH AIDE                    |
| OLSEN BOLZ              | KAREN                    | LUCE                 | GENERAL CLERK              |
| SALTER                  | LOIS                     | LUCE                 | REGISTERED NURSE           |
| SCHEI                   | MARY                     | MEN                  | REGISTERED NURSE           |
| SMITH                   | JENNIFER                 | MACKINAC             | HH AIDE                    |
| SMUTEK                  | COLLEEN                  | LUCE                 | HH AIDE                    |
| SOBIERAY                | JUDITH                   | MEN                  | REGISTERED NURSE           |
| SOBLASKEY               | SHERRILL                 | MACKINAC             | HH AIDE                    |
| UECKE                   | CHRISTIE                 | MEN                  | LICENSED PRACTICAL NURSE   |
| WEBSTER                 | PATRICIA                 | LUCE                 | HH QI ADMINISTRATOR        |
| WILSON                  | KATHERINE                | MACKINAC             | REGISTERED NURSE           |
| WISE                    | MICHAEL                  | MACKINAC             | SOCIAL WORKER              |
| WRIGHT                  | CYNTHIA                  | MACKINAC             | LICENSED PRACTICAL NURSE   |
| ZELLNER                 | KARLA                    | SCHOOL               | HH AIDE                    |

### **PERSONAL AND FAMILY HEALTH**

| <b><i>LAST NAME</i></b> | <b><i>FIRST NAME</i></b> | <b><i>COUNTY</i></b> | <b><i>TITLE</i></b> |
|-------------------------|--------------------------|----------------------|---------------------|
| ALLERS                  | BETSY                    | MACKINAC             | SOCIAL WORKER       |
| BALTHAZORE              | CAROL                    | SCHOOLCRAFT          | GENERAL CLERK       |
| BURTON                  | SANDRA                   | LUCE                 | GENERAL CLERK II    |
| BUTKOVICH               | CATHERINE                | LUCE                 | PH/EH TECHNICIAN    |
| COPENHAVER              | MELISSA                  | LUCE                 | PH DIRECTOR         |
| DANAHER                 | DENISE                   | LUCE                 | NURSE PRACTITIONER  |
| ENGLISH                 | CYNTHIA                  | MACKINAC             | REGISTERED NURSE    |

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## **FISCAL YEAR 2008 STAFF**

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### **PERSONAL AND FAMILY HEALTH**

| <i><b>LAST NAME</b></i> | <i><b>FIRST NAME</b></i> | <i><b>COUNTY</b></i> | <i><b>TITLE</b></i>       |
|-------------------------|--------------------------|----------------------|---------------------------|
| GOULD                   | KIMBERLY                 | LUCE                 | LEAD CLERK                |
| HARRIS                  | BABETTE                  | ALGER                | LEAD CLERK                |
| HODER                   | DEBBIE                   | LUCE                 | BUSINESS MGR/PROG. COORD. |
| HOUGHTON                | SANDRA                   | SCHOOLCRAFT          | GENERAL CLERK             |
| HUGHEY                  | MELISSA                  | LUCE                 | REGISTERED DIETITIAN      |
| LIPNITZ                 | JULIE                    | MACKINAC             | REGISTERED NURSE          |
| LUSSMAN                 | JEAN                     | ALGER                | LEAD REGISTERED NURSE     |
| MAXON                   | ROBIN                    | ALGER                | REGISTERED NURSE          |
| NELSON                  | CLARINE                  | SCHOOLCRAFT          | REGISTERED NURSE          |
| NOLDY                   | SUSAN                    | LUCE                 | ADMINISTRATIVE ASSISTANT  |
| OLSEN                   | AMANDA                   | SCHOOLCRAFT          | GENERAL CLERK             |
| PETERSON                | HILLARY                  | SCHOOLCRAFT          | GENERAL CLERK             |
| PRATT                   | JANET                    | SCHOOLCRAFT          | NURSE PRACTITIONER        |
| RAHILLY                 | ELIZABETH                | LUCE                 | REGISTERED NURSE          |
| RICHEY                  | JULIE                    | SCHOOLCRAFT          | REGISTERED DIETITIAN      |
| SHORTRIDGE              | CARLA                    | ALGER                | GENERAL CLERK II          |
| ST. MARTIN              | ROSE                     | LUCE                 | NURSE PRACTITIONER        |
| SULLIVAN                | MARCIA                   | MACKINAC             | REGISTERED NURSE          |
| TATROW                  | LISA DAWN                | SCHOOLCRAFT          | SOCIAL WORKER SUPERVISOR  |
| THOMAS                  | TRACCI                   | MACKINAC             | GENERAL CLERK II          |
| YOUNG                   | KATHERINE                | SCHOOLCRAFT          | REGISTERED NURSE          |