

Agency Annual Report 2008

October 1, 2007 – September 30, 2008

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.

A MESSAGE TO THE COMMUNITY

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

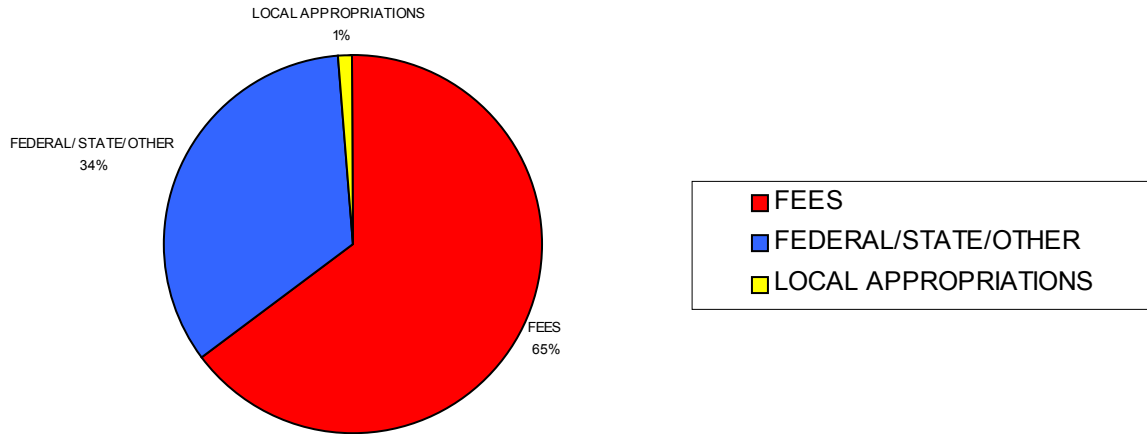
Rita Lemanek, Luce County
Nancy Morrison, Luce County
Calvin McPhee, Mackinac County
Dawn Nelson, Mackinac County, *Vice Chair*,
Edward Lindstrom, Alger County
Esley Mattson, Alger County, *Chair*
Margaret Arnold/Daniel LaFoille, Schoolcraft County
John Zellar, Schoolcraft County

Administrative Staff

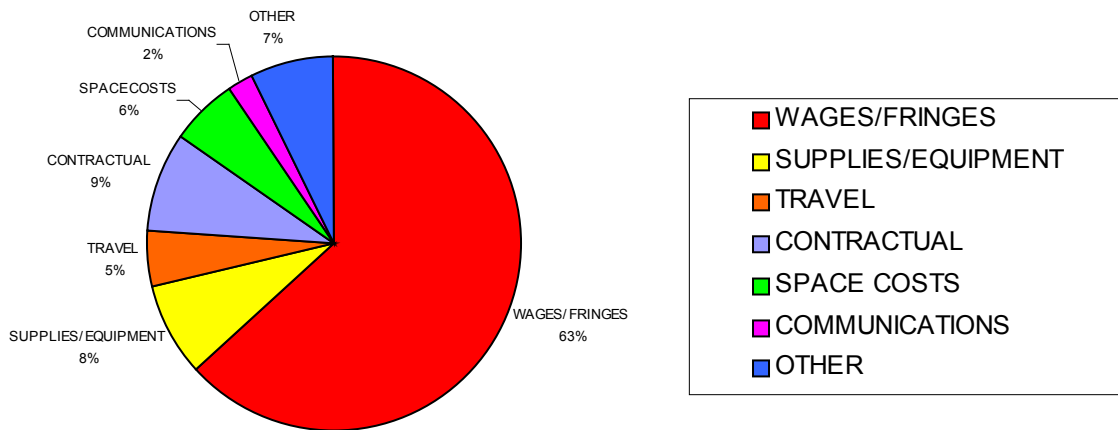
Marvin Henderson/David Martin, Health Officer
Dr. James Terrian, Medical Director
Nicholas Derusha, Environmental Health Director
Melissa Copenhaver, Personal and Family Health Director
Heidi Gibbons, Community Health Director
Margaret Austin, Home Health and Hospice Director
Stan Bontrager, Information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

FINANCIAL STATISTICS

2008 REVENUE



2008 EXPENSES



COMMUNITY HEALTH SERVICES

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 6-8th 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

SERVICES	FY 2008	FY 2007	FY 2006
Intakes	209	197	721
Groups	222	437	951
Client Services	2272	3,037	923

* In fiscal year 2006 there were 923 discharges reported.

COUNSELING OUTPATIENT SERVICES

SERVICE	FY 2008	FY 2007
	Luce, Mackinac, Alger & Schoolcraft Counties	Luce, Mackinac, Alger & Schoolcraft Counties
Group Education	144	163
Intakes	183	180
Individual sessions	2,131	1,680
Alcohol Highway Safety	28	16

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

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

COMMUNITY HEALTH SERVICES

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:

Protecting You/Protecting Me	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.
Hazards of Tobacco (H.O.T.)	A tobacco education program for grades 6-8.
Tar Wars	Geared towards 4 th and 5 th grade students and provides Tobacco Education.
Tobacco Blues	A two-week tobacco education program provided to students under age 18 years, who have been caught using or possessing tobacco products.
Prime for Life	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.

ENVIRONMENTAL HEALTH

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.



ENVIRONMENTAL HEALTH

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.

Food Service Participation	FY 2008	FY 2007	FY 2006
Total Inspections	676	725	716
Fixed Food Inspections	490	537	590
Temporary Food Inspections	185	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.

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

ENVIRONMENTAL HEALTH

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.

Services	FY 2008	FY 2007	FY 2006
Sewage System Site Evaluations	251	312	338
Sewage System Permits	226	284	327
Sewage System Final Inspections	258	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.

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

Public Swimming Pool Participation	FY 2008	FY 2007	FY 2006
Public Swimming Pool Inspections	41	62	65
Public Spa Pool Inspections	40	58	*
Follow-up Inspections	5	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
TOTAL COMPLAINT INVESTIGATIONS	48	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
TOTAL EXISTING FACILITY EVALUATIONS	11	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
TOTAL MDHS ENVIRONMENTAL HEALTH INSPECTIONS	34	38	34

ENVIRONMENTAL HEALTH

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.

Charcoal Radon Test Kits	FY 2008	FY 2007	FY 2006
Number of Kits Distributed	110	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.

Campground Services	FY 2008	FY 2007	FY 2006
Annual Licensing Inspections	73	73	90
Follow-up Inspections	0	1	0
Temporary Campground Inspections	2	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.

Great Lakes Beach Monitoring Program	FY 2008	FY 2007	FY 2006
Public Beaches	83	76	*
Actively Monitored	4	2	*

* No information reported

HOME HEALTH

PROGRAM AREA	Fiscal 2008 (12 month)	Fiscal 2007 (12 month)	Fiscal 2006 (12 month)
Total Population Served	Estimated	Estimated	Estimated
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
Total Number of Home Visits	18,961	19,481	19,489
Unduplicated Clients			
64 years of age or under	109	109	135
65 years of age or older	332	350	422
Total Number of Patient Referrals			
Total number opened – duplicated clients	503	488	559
Total number not opened	46	37	11
Referral Sources for Opened Clients			
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
Total number of Hospital Referrals			
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	
Total Number of Services Provided			
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
Not Home or Not Found	466	574	503
Refused Services	226	344	250

HOME HEALTH & HOSPICE

PROGRAM AREA	Fiscal 2008 (12 month)	Fiscal 2007 (12 month)	Fiscal 2006 (12 month)
Patient Status at Time of Discharge			
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
Service by Payment Plan			
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
Total Miles Driven by Staff			
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
Private Duty Services			
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
Children's Special Services			
Census	2	5	5
RN hours	0	8.55	27 1/2
LPN hours	69:15	1219.55	1570.15
UPCAP			
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
Foot Care			
Clients	5	199	175

HOSPICE

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

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.

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

PERSONAL AND FAMILY HEALTH

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.

TB Screening and Control	2008	2007	2006
Number of TB Test Performed	169	196	196
Number of Clients Monitored for Treatment of Latent TB Disease	0	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.

Immunization Program	2008	2007	2006
Immunizations Administered to Clients	2805	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.

PERSONAL AND FAMILY HEALTH

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.

BCCCP Program	2008	2007	2006
LMAS Clients	221	205	246
Tribal Clients	294	278	327
BCCCP Services provided to LMAS Clients	439	346	344

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

PERSONAL AND FAMILY HEALTH

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.

WIC Program	2008	2007	2006
Unduplicated Clients	1495	1516	1550
Services Provided	2789	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:

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

PERSONAL AND FAMILY HEALTH

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.

Maternal Infant Health Program	2008	2007	2006
Maternal Services Provided	1,111	1204	1,287
Maternal Clients Served	214	255	313

Maternal Infant Health Program	2008	2007	2006
Infant Services Provided	768	778	1,016
Infant Clients Served	143	142	203

Blood Lead	2008	2007	2006
Services Provided	359	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.

Children Special Health Care Services	2008	2007	2006
Services Provided	251	177	234
Clients Served	188	137	157

PERSONAL AND FAMILY HEALTH

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.

Hearing and Vision Program	2008	2007	2006
Hearing Screenings	1,103	725	1116
Vision Screenings	2,010	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 8th 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.

EMERGENCY PREPAREDNESS

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.

FISCAL YEAR 2008 STAFF

ADMINISTRATION

<i>LAST NAME</i>	<i>FIRST NAME</i>	<i>COUNTY</i>	<i>TITLE</i>
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

<i>LAST NAME</i>	<i>FIRST NAME</i>	<i>COUNTY</i>	<i>TITLE</i>
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

FISCAL YEAR 2008 STAFF

ENVIRONMENTAL HEALTH

<i>LAST NAME</i>	<i>FIRST NAME</i>	<i>COUNTY</i>	<i>TITLE</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>LAST NAME</i>	<i>FIRST NAME</i>	<i>COUNTY</i>	<i>TITLE</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

FISCAL YEAR 2008 STAFF

HOME HEALTH AND HOSPICE

<i>LAST NAME</i>	<i>FIRST NAME</i>	<i>COUNTY</i>	<i>TITLE</i>
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

<i>LAST NAME</i>	<i>FIRST NAME</i>	<i>COUNTY</i>	<i>TITLE</i>
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

FISCAL YEAR 2008 STAFF

PERSONAL AND FAMILY HEALTH

<i>LAST NAME</i>	<i>FIRST NAME</i>	<i>COUNTY</i>	<i>TITLE</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