

# LMAS DISTRICT HEALTH DEPARTMENT



## AGENCY ANNUAL REPORT

FISCAL YEAR  
2013

OCTOBER 1, 2012 – SEPTEMBER 30, 2013

[WWW.LMASDHD.ORG](http://WWW.LMASDHD.ORG)

### OUR MISSION

*“Dedicated to providing county residents with disease prevention, environmental hazard protection, health promotion and emergency management through education and advocacy.”*

*Approved by LMAS Board of Health  
February 3, 2014*



# MESSAGE TO THE COMMUNITY

It is my privilege to present the Fiscal Year 2013 (FY13) Annual Report of the Luce-Mackinac-Alger-Schoolcraft District Health Department (LMAS). FY13 was an exciting year for LMAS, a year in which LMAS was able to restore lost services and to provide new services. Even more exciting was the fact that LMAS was able to add these services without increasing any costs to the taxpayers and for a third consecutive fiscal year had revenues that exceeded expenses.

The beginning of FY 13 saw the return of the Maternal Infant Health Program (MIHP) at LMAS through a partnership with Little Ones of the U.P., LLC. The MIHP is a home visiting program for pregnant women and infants. The MIHP provides assessment, education, referral and care coordination to improve the health and well being of the mother and child.

In the spring of 2013, LMAS underwent our annual financial audit and our 3-year Local Health Department Accreditation Review. The annual financial audit was outstanding, as LMAS had no findings or recommendations for correction. The accreditation review was also very good. In several program areas LMAS "met" all program requirements and even received special recognition in some cases. There were a couple of programs that needed minor improvements, such as the food service program, family planning and immunizations. Plans of Correction have been submitted and accepted for those programs and with the implementation of these plans LMAS will receive full accreditation for the next three years.

During the summer of FY13, LMAS conducted a search for a new Emergency Preparedness Coordinator (EPC) as Mark McCune, the then current EPC, announced he would retire at the end of FY13 after an outstanding 35 year career with LMAS. Following a thorough search LMAS was able to hire Kerry Ott as the new EPC. Kerry was able to work with Mark McCune during the months of August and September to ensure a seamless transition in the LMAS Emergency Preparedness Department.

Toward the end of FY13, LMAS was approached by the Eastern Upper Peninsula Intermediate School District (EUPISD) to have LMAS become the fiduciary agency and oversee the Community Adolescent Health Center (CHAC) Grant at Tahquamenon Area Schools (TAS). LMAS accepted this offer and received approval from the Michigan Department of Community Health (MDCH) to become the CHAC grantee. At the adolescent health center LMAS provides acute care and mental health care for the students at TAS, a model LMAS would like to expand to other interested schools in the future.

It is without question that LMAS would not have been able to achieve these accomplishments without the hard work and dedication of LMAS staff. In addition to staff contributions LMAS would like to thank our community partners that enabled LMAS to have a successful FY13 including: LMAS Board of Health, local county commissions, local hospitals, Sault Tribe, local schools, local businesses, state agencies and most of all, our county residents that we are grateful to serve.

Respectfully,

Nicholas Derusha, REHS  
Health Officer

## ADMINISTRATIVE STAFF

Nicholas Derusha	Health Officer/Environmental Health Director
Dr. James Terrian	Medical Director
Debbie Hoder	Personal/Family Health Business Manager
Shaunta Bosanic	Information Technology Coordinator
Amy Pavey	Finance Director
Ann Ison	Human Resource Manager
Mark McCune	Emergency Preparedness Coordinator
Paula Charbonneau	Administrative Assistant

## BOARD OF HEALTH

**Luce County**  
Rita Lemanek, *Vice Chair*  
Nancy Morrison

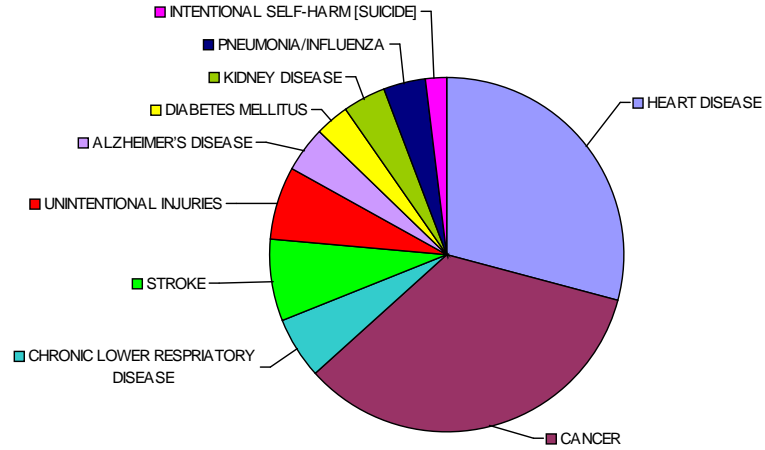
**Mackinac County**  
Calvin McPhee, *Chair*  
James Hill

**Alger County**  
Esley Mattson  
Joseph VanLandschoot

**Schoolcraft County**  
Daniel LaFoilie  
Allen Grimm

# COUNTY HEALTH PROFILES

## LEADING CAUSES OF DEATH, 2011 LMAS DISTRICT HEALTH DEPARTMENT/MICHIGAN TOTALS



Rank MI	Cause of Death	Rank for District	Number of Deaths			Age-Adjusted Rate of Deaths		
			District	MI	U.S.	District	MI	U.S.
1	Heart Disease	2	87	23,505	596,339	153.1	201.6	173.7
2	Cancer	1	101	20,355	575,313	176.7	177.2	168.6
3	Chronic Lower Respiratory Diseases	5	17	5,230	143,382	*	45.9	42.7
4	Stroke	3	22	4,451	128,931	38.3	38.7	37.9
5	Unintentional Injuries	4	20	3,890	122,777	57.5	37.4	38.0
6	Alzheimer's Disease	6**	12	2,879	84,691	*	24.6	24.6
7	Diabetes Mellitus	8	9	2,771	73,282	*	24.2	21.5
8	Pneumonia/Influenza	6**	12	1,737	53,667	*	15.0	15.7
9	Kidney Disease	7	11	1,623	45,731	*	14.1	13.4
10	Intentional Self-Harm (Suicide)	9	6	1,216	38,285	*	12.1	12.0
<b>TOTAL</b>			397	89,473	2,512,873	716.8	784.6	740.6

**Note:** Rates are per 100,000 population. The causes of death are listed in order of the 10 leading causes of death for Michigan residents in 2011.

Death records with gender not stated are included only in the "Total" column.

\*: An asterisk (\*) indicates that the data do not meet standards of reliability or precision.

\*\* : Tie

**Source:** 2011 Geocoded Michigan Death Certificate Registry. Division for Vital Records & Health Statistics, Michigan Department of Community Health; Population Estimate (latest update 9/2012), National Center for Health Statistics, [U.S. Census Populations With Bridged Race Categories](#).

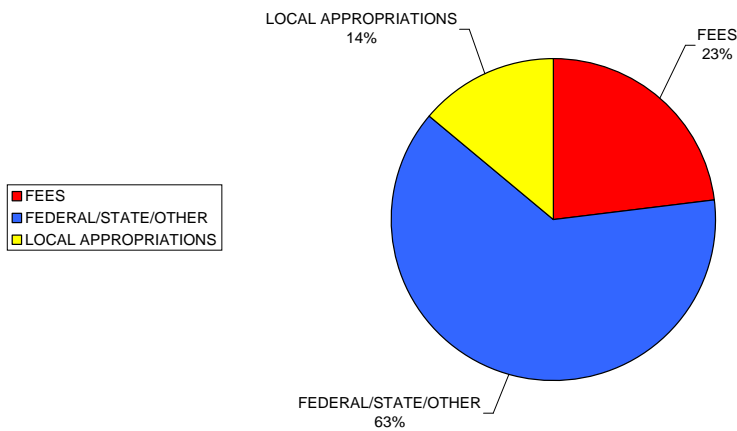
2011 CDC/NCHS National Vital Statistics System. Mortality, Preliminary Data

# FINANCIALS

Total Revenue: \$2,237,759  
 Total Expenses: \$2,165,473  
 Net Revenue/Expenses: \$ 72,286

NOTE: Preliminary numbers, not yet audited.

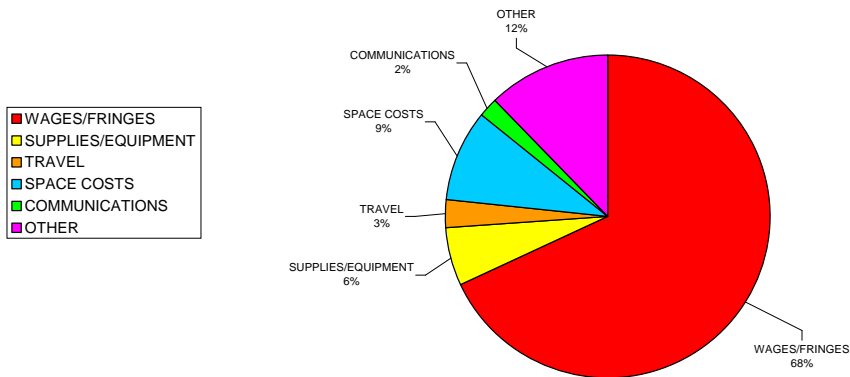
2013 REVENUE



FY 2013 BUDGET REVENUE

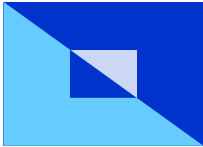
FEES	514,584.00
FEDERAL/STATE/OTHER	1,411,057.00
LOCAL APPROPRIATIONS	312,118.00
<b>TOTAL</b>	<b>2,237,759.00</b>

2013 EXPENSES



FY 2013 BUDGET EXPENDITURES

WAGES/FRINGES	1,476,324.00
SUPPLIES/EQUIPMENT	123,488.00
TRAVEL	61,632.00
SPACE COSTS	194,856.00
COMMUNICATIONS	45,100.00
OTHER	264,073.00
<b>TOTAL</b>	<b>2,165,473.00</b>



# PROGRAMMING OVERVIEW

## **Emergency Preparedness (EP) Department**

Like each of the respective counties we represent, we have an EP Department. However, our EP Department is strictly focused public health threats, such as disease outbreaks and pandemics. A recent example would be the 2009 H1N1 pandemic. Our EP Department works with community partners to train, plan and conduct exercises to ensure our communities are better prepared to respond to public health emergencies.

## **Environmental Health (EH) Division**

Our EH Division protects the public from waterborne, foodborne and other vectorborne diseases. This is accomplished through permitting, inspecting and educating. The EH Division is responsible for the following programs within the district: food service sanitation, water supply, sewage disposal, campgrounds, soil erosion, swimming pools, campgrounds, rabies, complaint investigation, radon and beach monitoring.

## **Personal Family Health (PFH) Division**

The LMAS PFH Division utilizes primary, secondary and tertiary prevention techniques to prevent disease and improve the health of our clients and communities. Our PFH Division delivers services in the following areas: immunizations, breast and cervical cancer prevention, family planning, women, infants and children (WIC), maternal and infant health, communicable disease investigation, sexually transmitted disease investigation, tuberculosis control, hearing screening and vision testing.

# EMERGENCY PREPAREDNESS

## Capability 1: Community Preparedness

Community preparedness is the ability of communities to prepare for, withstand, and recover — in both the short and long terms — from public health incidents.

## Capability 2: Community Recovery

Community recovery is the ability to collaborate with community partners, (e.g., healthcare organizations, business, education, and emergency management) to plan and advocate for the rebuilding of public health, medical, and mental/behavioral health systems to at least a level of functioning comparable to pre-incident levels, and improved levels where possible.

Source: [http://www.cdc.gov/phpr/capabilities/DSLRL\\_capabilities\\_July.pdf](http://www.cdc.gov/phpr/capabilities/DSLRL_capabilities_July.pdf)

LMAS EP Planning Meetings FY2013		LMAS EP Communication Tests/Exercises FY 2013	
County Emergency Management	16	LMAS ( <i>internal</i> )	12
Region 8 EPCs	12	Reg8 Emergency Mgmt	12
State EPC	10	Equipment Maintenance	12
Closed POD Planning	5	SNS Call Downs	4
Reg8 Health Care Coalition	5	State ( <i>OPHP</i> )	1
Reg8 Exercise Planning (with EM and EPCs)	1	800Mhz Radio Rebanding	1
		Virtual LMAS Staff Assembly Drill	1

LMAS Emergency Preparedness Exercises – FY 2013	
Reg8 Virtual EOC – Eteam*	9
Reg8 WebEOC ( <i>*MICIMS – replaced Eteam</i> )	3
State SNS ( <i>OPHP</i> )	1
Virtual LMAS Staff Assembly Drill	1
MI-Volunteer Registry Call Down ( <i>with Schoolcraft Memorial Hospital</i> )	1
Schoolcraft Memorial Hospital Evacuation ( <i>drill practiced with actual patient move to new SMH location in April 2013</i> )	1

LMAS EP Trainings FY 2013	
FEMA – NIMS Compliant ( <i>all LMAS staff</i> )	MI-HAN ( <i>EPC</i> )
SNS Training ( <i>all LMAS staff</i> )	MI-SNS Sharepoint ( <i>EPC</i> )
MI-CIMS ( <i>LMAS EPC and IT</i> )	CDC CERC – Basic ( <i>EPC</i> )
MI-Vol Registry ( <i>EPC</i> )	CDC Pandemic Flu ( <i>EPC</i> )
FEMA IS 242a ( <i>EPC</i> ) – <i>Effective Communication</i>	
FEMA IS 250a ( <i>EPC</i> ) – <i>Emergency Communication and Information Distribution</i>	
FEMA IS 520 ( <i>EPC</i> ) – <i>Continuity of Operations: Pandemic Flu</i>	
FEMA IS 522 ( <i>EPC</i> ) – <i>Exercising Pandemic Continuity of Operations Plans</i>	
FEMA IS 701a ( <i>EPC</i> ) – <i>NIMS Multi-Agency Coordination</i>	
FEMA IS 702a ( <i>EPC</i> ) – <i>NIMS Public Information Systems</i>	

# ENVIRONMENTAL HEALTH

## Highlights in FY 2013 include:

- "Met" all minimum program requirements evaluated during sewage program accreditation review.
- "Met" 16 of 20 minimum program requirements evaluated during food service program accreditation review. Successfully implemented plan of correction for the 4 "unmet" minimum program requirements.
- "Met" all minimum program requirements evaluated during the private/type III and the type II water supply annual program evaluations.
- Provided ServSafe Food Service Manager Certification courses to licensed food service establishments.
- Conducted weekly E. coli monitoring of 4 great lakes beaches and 2 inland lakes beaches.

Charcoal Radon Test Kits	2013	2012	2011
Number of Kits Distributed	164	96	152
Campground Services	2013	2012	2011
Annual Licensing Inspections	67	66	69
Follow-up Inspections	0	1	1
Temporary Campground Inspections	3	5	2
Beach Monitoring Services	2013	2012	2011
Public Beaches	126	112	112
Actively Monitored	6	14	14

Food Service Participation	2013	2012	2011
Total Inspections	665	708	630
Fixed Food Inspections	421	448	398
Temporary Food Inspections	191	207	199
Water Supply Participation	2013	2012	2011
Well Permits	152	189	142
Site Evaluations	152	169	109
Type II Sanitary Surveys	77	74	66
Enforcement Actions	0	1	4
Sewage Services	2013	2012	2011
Sewage System Site Evaluations	175	176	202
Sewage System Permits	163	183	183
Sewage System Final Inspections	146	136	135
SESC Services	2013	2012	2011
Initial Site Evaluations	76	118	55
Permits Issued	76	93	90
Construction Inspections	40	15	45
Public Swimming Pool Participation	2013	2012	2011
Public Swimming Pool Inspections	44	47	42
Public Spa Pool Inspections	45	44	41
Follow-up Inspections	19	5	3
Complaint Investigation Type	2013	2012	2011
Septic Complaints	8	8	13
Well Complaints	1	0	0
Food Service Complaints	10	5	5
SESC Complaints	0	1	1
Dept. of Human Services Complaint	2	0	0
<b>Total Complaints</b>	<b>21</b>	<b>14</b>	<b>19</b>
Existing Facility Evaluations	2013	2012	2011
Existing Sewage System Inspections	13	11	5
Existing Water Supply Inspections	5	1	0
<b>Total Existing Facility Evaluations</b>	<b>18</b>	<b>12</b>	<b>5</b>
DHS Environmental Health Inspections	2013	2012	2011
Part A	3	4	5
Part B	1	1	1
Part A and Part B	25	20	18
Follow-up Inspections	2	0	0
<b>Total MDHS Inspections</b>	<b>31</b>	<b>25</b>	<b>24</b>

# PERSONAL & FAMILY HEALTH

## Highlights in FY 2013 include:

- Accreditation - "Met" all indicators for most programs during initial review. Corrective plans of action were submitted and accepted for all indicators not met at initial review.
- "Met" all performance indicators for our WIC Management Evaluation follow up site visit.
- Increased percentage of women initiating breastfeeding from 68% to 92%.
- Created Nutrition Education Malls in two LMAS offices.
- Enrolled the C.A.M.P. as a VFC Provider. This is the School Based Adolescent Health Center in Newberry.
- Clinical staff began entering Family Planning and Breast & Cervical Cancer Control Program encounters into the electronic health record.
- Began e-prescribing contraceptives for Family Planning clients.
- Began using data loggers to monitor vaccine storage temperatures.
- Collaborated in creating the Alger Baby Closet in Munising, providing families with donated items for their infants/children.
- Began providing Maternal & Infant Health Services through Little Ones of the UP, LLC.

<b>Tuberculosis Screening and Control</b>	<b>2013</b>	<b>2012</b>	<b>2011</b>
Number of TB tests performed	93	101	104
<b>Immunizations Program</b>	<b>2013</b>	<b>2012</b>	<b>2011</b>
Immunizations administered to clients	1882	2210	2314
<b>Breast &amp; Cervical Cancer Control Program</b>	<b>2013</b>	<b>2012</b>	<b>2011</b>
LMAS clients	196	193	201
Tribal clients	239	236	199
Total clients enrolled	435	429	400
BCCCP services provided to LMAS clients	186	186	196
<b>Family Planning Program</b>	<b>2013</b>	<b>2012</b>	<b>2011</b>
Unduplicated clients	349	401	414
Family Planning services provided, excluding contraceptives	1083	1354	1497
Total Family Planning contraceptives administered/dispensed, excluding condoms	1936	2199	2463
<b>WIC Program</b>	<b>2013</b>	<b>2012</b>	<b>2011</b>
Unduplicated clients	1415	1406*	1449
RN/Registered Dietician services provided	2747	2923	2990
* Pregnant women = 262; Post Partum Women = 117; Infants = 364; Children = 663			
<b>Hearing and Vision Program</b>	<b>2013</b>	<b>2012</b>	<b>2011</b>
Hearing Screenings	1295	1904	1211
Vision Screenings	1322	1835	1949
<b>Maternal &amp; Infant Health Program</b>	<b>2013</b>	<b>2012</b>	<b>2011</b>
Unduplicated clients	220	N/A	N/A
MIHP Services provided	1223	N/A	N/A

<b>Communicable Disease Type</b>	<b>2013</b>	<b>2012</b>	<b>2011</b>	<b>Communicable Disease Type</b>	<b>2013</b>	<b>2012</b>	<b>2011</b>
Animal Bite	3	3	2	Influenza	5	6	10
Blastomycosis	0	0	1	Influenza-like disease	334	505	135
Campylobacter	6	13	3	Legionellosis	0	1	0
Chicken Pox (varicella)	5	2	2	Lyme Disease	1	0	0
Chlamydia	53	43	38	Meningitis, Aseptic	2	2	0
Coccidioidomycosis	0	0	1	Meningitis, Bacterial Other	0	0	0
Cryptococcosis	0	2	2	Mycobacterium-other	0	1	1
Cryptosporidiosis	0	4	2	Norovirus	0	2	0
Gastrointestinal Illness	19	17	0	Pertussis	2	4	2
Giardiasis	9	5	3	Rabies-Animal	0	0	2
Gonorrhea	7	3	6	Salmonellosis	4	4	3
Guillain-Barre Syndrome	1	1	1	Shigellosis	1	1	0
Head Lice (aggregate)	10	32	18	Shiga toxin-producing E.coli	0	0	0
Hepatitis A	0	4	0	Strep Throat (aggregate)	63	154	21
Hepatitis B, Acute	0	1	0	Streptococcus pneumoniae, drug resistant	0	1	1
Hepatitis B, Chronic	2	4	1	Streptococcus pneumoniae, Inv.	1	2	1
Hepatitis C, Acute	2	1	3	Syphilis, Primary	0	0	0
Hepatitis C, Chronic	28	36	30	VZ Infection, unspecified	0	1	4
Histoplasmosis	0	0	0	<i>Source: Data submitted to MDSS for the four counties</i>			





# STAFF

Last Name	First Name	Job Title	County
Becker	Rebecca	Nurse Practitioner	Mackinac
Bosanic	Shaunta	IT Coordinator	Schoolcraft
Brow	Lance	EH Sanitarian I	Luce
Burton	Sandra	General Clerk II	Luce
Butcher	Joy	General Clerk	Luce
Butkovich	Catherine	EH/PH Technician	Luce
Charbonneau	Paula	Administrative Assistant	Luce
Davidson	Lisa	Nurse Practitioner	Luce
Derusha	Nicholas	Health Officer/Administrator	Luce
Duflo	Kristina	General Clerk	Luce
Edmunds	David	Custodian	Alger
Garrett	Lisa	WIC Breastfeeding Peer Counselor	Luce
Harris	Babette	WIC/CSHCS Coordinator	Alger
Hoder	Debbie	Personal & Family Health Services Director	Luce
Hubble	Jennifer	EH Coordinator I	Schoolcraft
Ison	Ann	Human Resources Manager	Luce
Lipnitz	Julie	Registered Nurse	Mackinac
Lussman	Jean	Registered Nurse Lead	Alger
Matheny	Donna	Technician	Mackinac
McCune	Mark	Emergency Preparedness Coordinator	Schoolcraft
Moseley, Jr.	Thomas	EH Sanitarian I	Alger
Nelson	Clarine	Registered Nurse	Schoolcraft
Nelson	Staci	General Clerk	Mackinac
Noldy	Susan	Administrative Assistant	Luce
Ott	Kerry	Emergency Preparedness Coordinator	Schoolcraft
Pavey	Amy	Finance Director	Luce
Peterson	Hillary	Technician	Schoolcraft
Rahilly	Elizabeth	Registered Nurse	Luce
Richey	Julie	Registered Dietitian	Schoolcraft
Shaulis	Lori	Finance Specialist II	Luce
Shortridge	Carla	General Clerk II	Alger
Smith	Linda	EH Coordinator I	Schoolcraft
Stempki	Lewis	EH Technician	Mackinac
Suggitt	Elizabeth	EH Coordinator I	Mackinac
Terrian	James	Medical Director	Luce
Thomas	Tracci	General Clerk II	Mackinac
Warth	Lynn	WIC Breastfeeding Peer Counselor	Schoolcraft
Weber	Rebecca	General Clerk	Schoolcraft