

MAYVILLE AREA AMBULANCE



2014 Operational Report

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Serving the Community Since 1976



OUR SERVICE

Mayville Area Ambulance Service (MAAS) is a 501(c)3 Non-Profit Corporation, registered in the State of Michigan, to provide ambulance and emergency medical services to the residents of Mayville and the surrounding areas. We provided both emergency and non-emergency services and transportation.

MAAS is licensed by the State of Michigan Department of Community Health as a Life Support Agency (LSA), at the Basic Life Support (BLS) level. MAAS is a member agency of both the Saginaw Valley Medical Control Authority and the Lapeer County Medical Control Authority, which provide medical oversight and direction to MAAS and the other ambulance agencies in their respective areas.



OUR BOARD

The MAAS Board of Directors is comprised of a representative from each municipality that is contracted with MAAS. The Board meets bi-monthly to guide the operations and growth of the service. The MAAS Board members are:

Ronald Gromak, Board Chairman

*Representing Rich Township
Board Member Since 1999*

Glenn Fox, Board Vice-Chairman

*Representing Dayton Township
Board Member Since 2000*

Sherry Bodeis, Director

*Representing Fremont Township
Board Member Since 2006*

Jan Wickham, Director

*Representing the Village of Mayville
Board Member Since 2013*



OUR STAFF

The staff of MAAS is comprised of 15 Emergency Medical Technicians (EMTs) and 4 Medical First Responders (MFRs). All of these are volunteers, whom receive a stipend for the time they server while on duty and responding to service requests. Each has completed a State approved training course, passed the licensing exam, obtained a CPR card, and completed an emergency driving course. As well, many have participated in specialized training courses, such as Prehospital Trauma Life Support (PHTLS), Pediatric Education for Prehospital Providers (PEPP), National Incident Management Systems (NIMS), and more.

In addition to the initial requirements to become an EMS provider, each of our medical personnel are required to attend on-going continuing education to maintain their state license. In 2014, MAAS personnel completed approximately 120 hours of training in subjects such as cardiac emergencies, pediatrics, airway management, and more.

To ensure that day to day operations are lead successfully, the Board of Directors annually appoints officers for MAAS. These officers provide operational guidance for the staff, as well as recommendations to the Board. The MAAS Officers are:

James Welke, Executive Director

*Officer Since 1984
MAAS Member Since 1977*

**Joel Welke
Chief Financial Officer**

*Officer Since 1996
MAAS Member Since 1993*

**Michelle Alt
Equipment Manager**

*Officer Since 2004
MAAS Member Since 1998*

**Robert Hiiter
Fleet Maintenance**

*Officer Since 1992
MAAS Member Since 1991*

**Patrick Duve
Cleaning**

*Officer Since 2007
MAAS Member Since 2006*



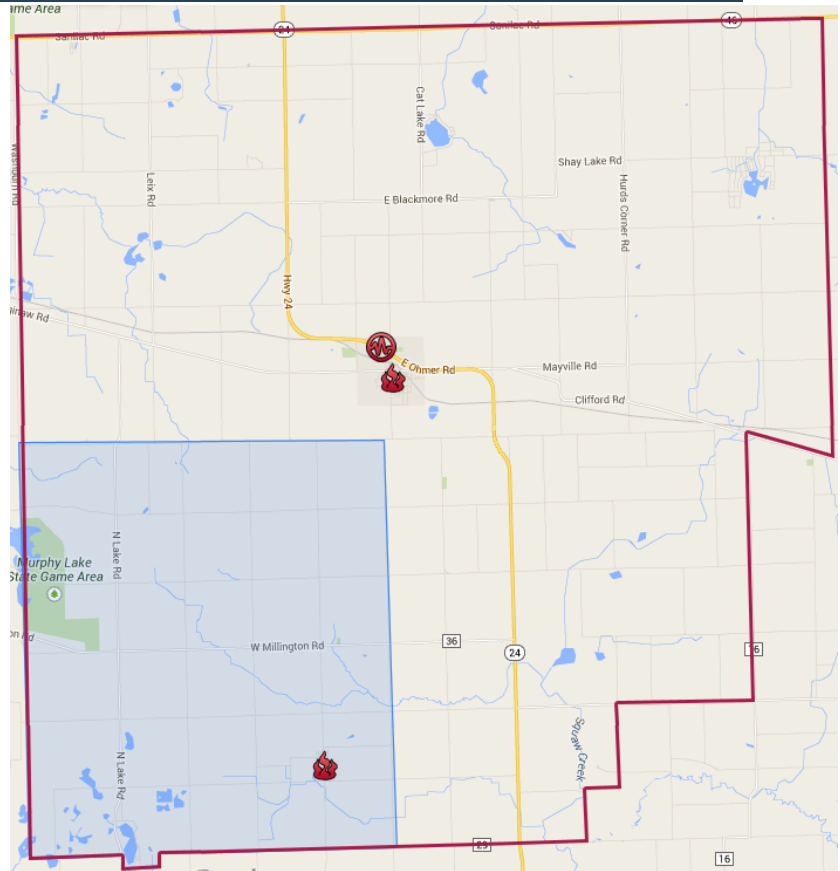
SERVICE AREA

MAAS is contracted to provide services to the residents and visitors of the Village of Mayville, Fremont Township, Dayton Township, and Rich Township,

Additionally, MAAS provides services to Watertown Township.

Service Area = 134 square miles

Population = 8,530



OUR EQUIPMENT

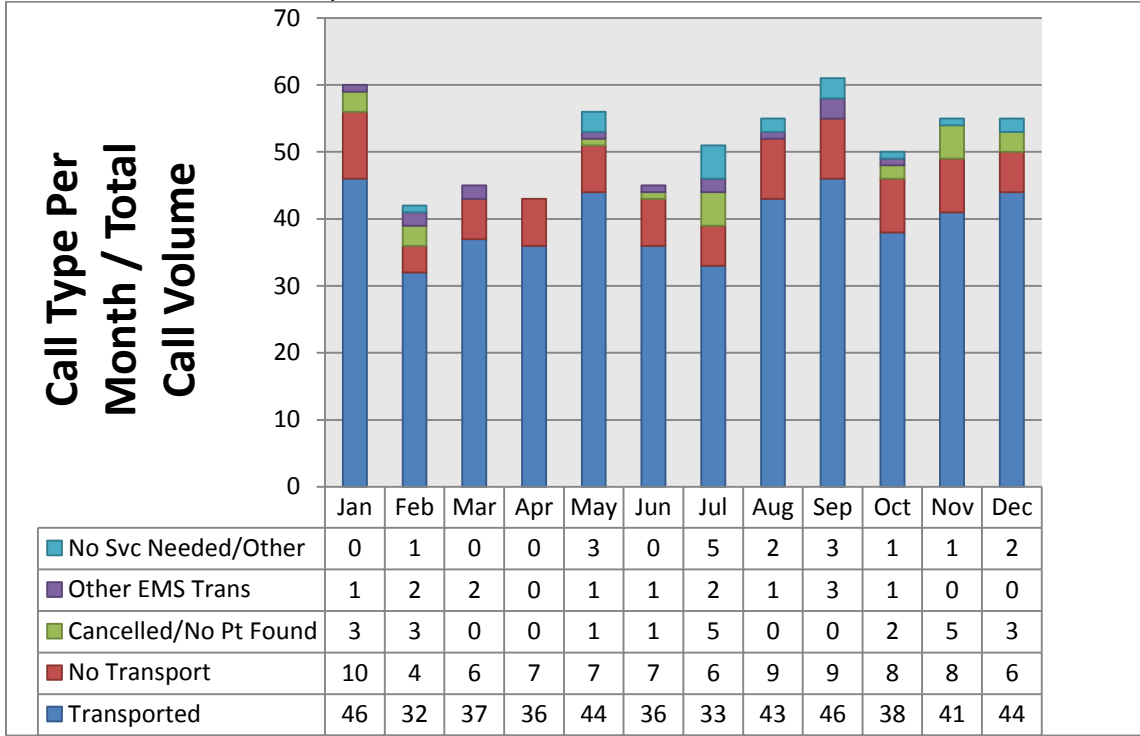
MAAS operates two ambulances from our base located at the corner of Ohmer Road (M-24) and Lynch Drive, in Mayville. At least one ambulance and crew is on duty 24 hours a day, 7 days a week – ready to respond to any emergency. Each ambulance, along with all of the equipment, is worth approximately \$250,000.

	Primary Ambulance	Backup Ambulance
Call Sign	79-94	79-95
In Service Since	June 2014	August 2008
License Level	Basic Life Support (BLS)	Basic Life Support (BLS)
Make and Model	2014 Chevy/WheeledCoach Type III Ambulance	2008 Chevy/WheeledCoach Type III Ambulance
AED Equipped	Yes	Yes
Standard Equipment	Cot, trauma kit, airway kit, multiple splints, multiple bandaging supplies, backboards, oxygen, burn sheets, and much more	Cot, trauma kit, airway kit, multiple splints, multiple bandaging supplies, backboards, oxygen, burn sheets, and much more
Specialized Equipment	Thumper®, CO Detector, Stair Chair, Landing Zone marking kit, extrication gloves and helmets	Stair Chair, Landing Zone marking kit, extrication gloves and helmets

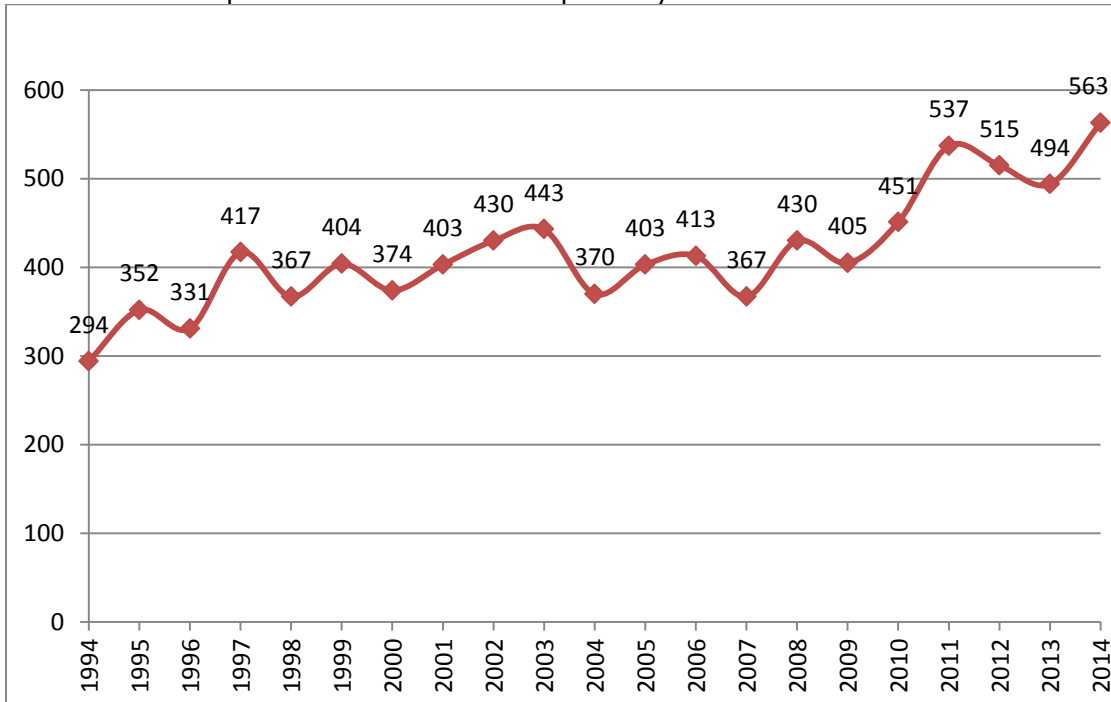


2014 OPERATIONS

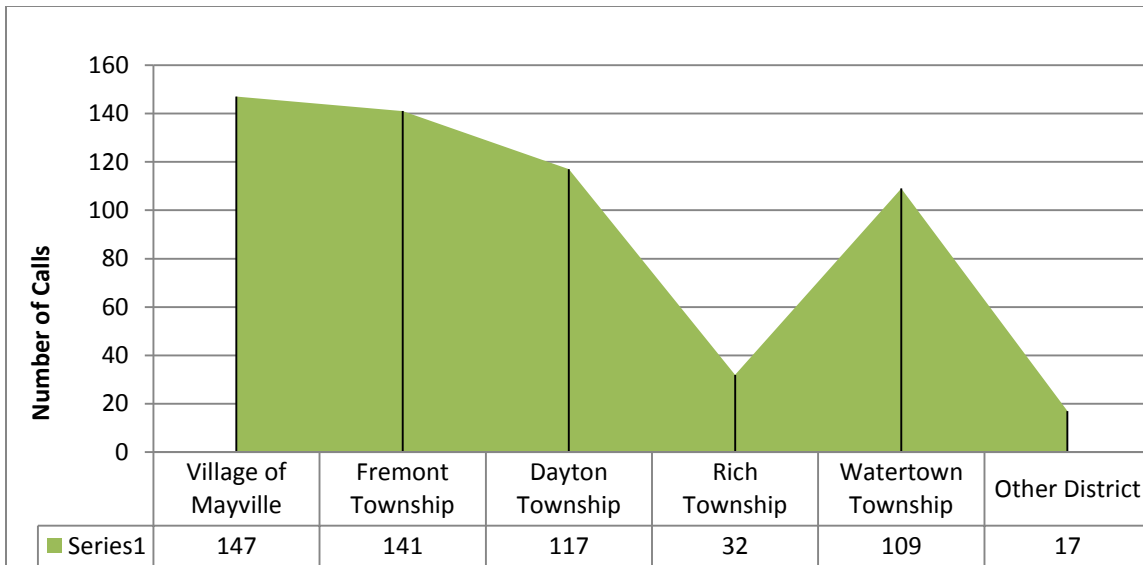
MAAS had a busy year in 2014 – in fact, it was the busiest year since inception. During the year, we were dispatched **618** times, which resulted in **563** patient encounters. The chart below shows the breakdown, by month of the outcomes of those responses.



MAAS has been experiencing a continued trend of increased service calls and patient interactions. The chart below shows the number of patient encounters over the past 20 years.



Of the 563 patient encounters in 2014, **97%** of them originated in our designated service area. Of the remaining 3% that originated outside of our service area, 5 were non-emergency transfers back to the Mayville area; the other 12 were covering for or assisting neighboring EMS agencies (*chart on next page*).



New in 2014

This year, MAAS added a second ambulance, for the first time. This addition gives MAAS the ability to have a second ambulance available when the primary ambulance is being utilized, and staffing is available. The backup ambulance was put in service in August, and was dispatched 7 times in the remaining portion of the year.

MAAS also added a Thumper to our primary ambulance. The Thumper is a medical device that performs the compressions for patients in cardiac arrest. This device is able to perform constant, consistent compressions, even while moving the patient. As well, courtesy of the Tuscola County Sheriff’s Department, MAAS is now carrying a carbon monoxide (CO) detector on our trauma kit. This CO detector will alert our crews to dangerous levels of CO which will help to keep the crew safe, in addition to identifying a potential cause of a patient’s symptoms.

Additional Information about 2014 Operations

The following charts provide additional information and data relating to the services and patients encountered during 2014.

Patient Age	# of Runs	% of Runs
Less Than 1	4	0.71%
1 - 4	2	0.36%
5 - 9	5	0.89%
10 - 14	8	1.42%
15 - 19	26	4.62%
20 - 24	20	3.55%
25 - 34	34	6.04%
35 - 44	35	6.22%
45 - 54	78	13.85%
55 - 64	81	14.39%
65 - 74	108	19.18%
75 - 84	106	18.83%
85+	55	9.77%
Unknown	1	0.18%
Average Patient Age: 59		

Top 10 Call Types	All Calls
Breathing Problem	73 (12.97%)
Fall Victim	49 (8.70%)
Chest Pain	47 (8.35%)
Sick Person	36 (6.39%)
Abdominal Pain	32 (5.68%)
Seizure/Convulsions	27 (4.80%)
Traffic/Transportation Accident	27 (4.80%)
Stroke/CVA	26 (4.62%)
Medical Transport	25 (4.44%)
Altered Mental Status	24 (4.26%)

Gender	# of Patients	% of Runs
Female	289	51.33%
Male	274	48.67%
Total	563	100%

Destination	City, State	# of Runs	% of Runs
McLaren-Lapeer Region	Lapeer, Michigan	163	28.90%
None / Refusal / Not Applicable		85	15.07%
Covenant Medical Center	Saginaw, Michigan	78	13.83%
Caro Community Hospital	Caro, Michigan	70	12.41%
Marlette Regional Hospital	Marlette, Michigan	58	10.28%
St. Mary's Medical Center	Saginaw, Michigan	50	8.87%
McLaren-Bay Region	Bay City, Michigan	18	3.19%
McLaren Regional Medical Center	Flint, Michigan	11	1.95%
Genesys Regional Medical Center	Grand Blanc, Michigan	9	1.60%
Hills & Dales General Hospital	Cass City, Michigan	5	0.89%
Home - Patient		5	0.89%
Hurley Medical Center	Flint, Michigan	5	0.89%
Fisher Convalescent Home	Mayville, Michigan	3	0.53%
Medical Clinic - Other		2	0.36%
Other Destination - Unspecified		1	0.18%
Total		563	100%

For additional information regarding the Mayville Area Ambulance Service, please contact our office.

