

**Life EMS Ambulance of Lake County
Ambulance Report
July 1 through September 30, 2017**

Ambulance operations for Life EMS of Lake County ran smoothly during the third quarter of 2017. During this reporting period Life EMS did 457 ambulance transports in Lake County. This is 23 fewer transports than during the same time period last year.

The Lake County operation continues to be very well staffed. We have one opening that will be filled in January with a paramedic that has worked for 8 years in our Grand Rapids operation. The joint effort paramedic program started in September and the class filled up nearly immediately. Life EMS, along with Mecosta, Montcalm, Oceana, and Osceola Counties, are working together to teach the course and each agency has EMTs in the program. The *Michigan Works!* agency covered nearly half of the tuition for most of the students due to the shortage of licensed paramedics in rural areas. Combined with the tuition sponsorship from each agency, most students will be receiving this course without any out of pocket cost! Several of the students meet in the training room at the Baldwin base to complete their online anatomy and physiology course required for the program, and general work study. EMTs Aaron Wainright and Doug Wolgamott, from our Lake County operation, are commended for coordinating this opportunity.

In July, we reached the milestone of employing over 500 associates. With very humble beginnings 37 years ago, Mark Meijer and Ken Morris started Life EMS Ambulance in Grand Rapids. They employed 5 other paramedics at the time. I doubt that either of them could have predicted that the organization would have expanded into the nine counties that we currently serve today with skill and compassion.

We remain active in the North Central Michigan Medical Control Authority, the new name since Mecosta County joined the Lakola MCA earlier this year. The biggest protocol advancement for the coming year for our area is the addition of epinephrine to Medical First Response vehicles for the treatment of severe anaphylactic (allergic) reactions and severe asthma. We will be part of a special study protocol that will closely monitor all utilization of epinephrine under this study. Life EMS will play an active role in training these agencies. The 3 MFR agencies based in Lake County can be commended for accepting this new responsibility; it will require continuous competency training. Not all agencies in MCA adopted the protocol.

During this reporting period we did have one success with our STEMI protocol for a 53 year old gentleman. Within 3 minutes of EMS contact the 12-lead ECG was obtained, identifying significant ST-segment elevation in the inferior leads. He was subsequently flown from Spectrum Health Reed City to the Meijer Heart Center. He underwent emergency cardiac catheterization where 2 stents were placed in his 100% occluded Right Coronary Artery. He was discharged 2 days later with a normal ejection fraction (cardiac function). The ability to achieve this type of outcome, 90 miles from a heart center, is a testimony to the collaborative efforts of our paramedics, Spectrum Health Reed City, AeroMed, and the Meijer Heart Center.

Thank you for allowing Life EMS to provide ambulance service to Lake County.

Respectfully submitted,
Jeff Stockhill
Director of North Operations

Summary of Responses

Life E.M.S. Ambulance responded to a total of 583 requests for service for the three months of this report, resulting in 457 total patient transports.

EMS Response Details:

<u>Response Information By Priority:</u>	<u>Count</u>
Life-threatening emergency response (Pri-1)	296
Non-life-threatening immediate response (Pri-3)	175
Inter-facility Transfers	107
Fire standby/education/special event	5

Patient Destinations:

Landing Zone	1
BALDWIN AIRPORT	1
Covenant Hospital-Saginaw	1
FOREST VIEW HOSPITAL	3
GRAND OAKS NURSING	5
MERCY HOSPITAL - MAIN SHERMAN	1
METRO HEALTH HOSPITAL	1
MID MICHIGAN MEDICAL	1
Munson Healthcare Cadillac Hospital	12
Munson Healthcare-Manistee	25
MUNSON MEDICAL CTR	2
PINE REST CHR HOSP - MAIN	9
SPECTRUM BLODGETT HOSPITAL	20
SPECTRUM BUTTERWORTH HOSPITAL	41
SPECTRUM HEALTH BIG RAPIDS HOSPITAL	26
Spectrum Helen Devos Children's Hospital	1
SPECTRUM LUDINGTON HOSPITAL	44
Spectrum Reed City Hospital	263
Treatment on Scene / No Transport	21

Avg. Response Times for all Lake Co (Life Threatening Emergencies): 0:10:16

Response time compliance by month (15 mins. or less 80%):

July	86%
August	83%
September	80%
	83% overall this reporting period.

During this reporting period, Life EMS responded to 5 requests for medical standby/rehab for fire events in Lake County, providing approximately 3.75 hours of NO CHARGE paramedic ambulance standby for the health and safety of Lake Co. firefighters.

Priority 1 responses and average response time, by jurisdiction:

<u>Jurisdiction/census</u>	<u>Third ¼ Count</u>	<u>Third ¼ Avg. Response Time</u>
Webber Township/1699	38	07:53
Pleasant Plains Twp/1581	34	08:19
Baldwin/1208	70	05:30
Chase Twp/1137	9	11:37
Elk Twp/985	14	21:16
Lake Twp/862	18	12:18
Ellsworth Twp/817	1	18:37
Yates Twp/761	37	10:18
Newkirk Twp/719	3	13:26
Pinora Twp/717	7	17:39
Peacock Twp/492	15	11:20
Eden Twp/487	16	14:59
Cherry Valley Twp/396	12	11:49
Dover Twp/395	3	21:11
Sauble Twp/333	4	12:46
Luther/318	6	18:01
Sweetwater Twp/245	9	15:43