

# Year in Review



## LAKE CHARLEVOIX EMERGENCY MEDICAL SERVICES AUTHORITY 2021-YEAR IN REVIEW

Dear Residents:

The Lake Charlevoix Emergency Service Authority was established in April 2021 as a collaboration between the City of Charlevoix, Charlevoix Twp., Hayes Twp., Marion Twp., and Norwood Twp. It became licensed and officially began operations on July 26, 2021, to serve the populace and visitors of the member entities. The Authority assumed all the City of Charlevoix EMS staff and equipment and increased staffing levels to better meet the needs of the community. We also participate in reciprocal mutual aid agreements with adjacent EMS service providers in Boyne City, East Jordan, and Emmett County. We have passed all licensing surveys and quality assurance programs.

A significant portion of our activity is the transportation of patients from both Munson and McLaren hospitals to other facilities or to home. In 2021 Covid-19 cases resulted in a large volume of long-distance transports to other hospitals that had equipment best suited for the critically ill Covid patients.

You will be pleased to note we also accomplished the following:

- \* Analyzed rolling stock and ordered a new ambulance based on an all-wheel drive van for delivery in mid 2022.
- \* Issued a request for a proposal to expand the fire station in Hayes Twp. We have stationed equipment in Hayes Twp. to further serve residents north of the bridge.
- \* Developing plans for a station south of Charlevoix to better serve residents in Marion and Norwood Twps.
- \* Increased full time staffing and as a result reduced out the door response time to under 1 minute on the average.
- \* Developed community education programs and programs with North Central Michigan College and Charlevoix High School to foster and advance training of new EMS medical technicians and paramedics.
- \* Provided multiple Covid-19 training and vaccination services to the community.
- \* Working with the DDA in the City of Charlevoix to provide CPR/AED training to area merchants.
- \* Working on cross training in the Fire Department to improve staffing availability in all emergency situations.

We are truly excited about what we have accomplished in a short period of time and have you to thank. Your overwhelming vote to pass the millage assured our success.

Roy Griffitts, President  
Kate Stewart (Charlevoix Twp.) Secretary  
Bill Gnodtke (Norwood Twp.) Trustee

Shane Cole (City of Charlevoix) Treasurer  
John Martin (Marion Twp.) Vice President  
Ron VanZee, (Hayes Twp.) FOIA Officer

### We have been busy

Total run volumes by year

Year	Runs
2018	1135
2019	1594
2020	1633
2021	1870

Total reflects combines City of Charlevoix and LCEMSA activity.

Note: In 2021 Eveline Township joined an alternate EMS program and reduced the total number of citizens served.

### Equipment We Use

The current fleet is comprised of five vehicles, 4 truck based four-wheel drive ambulances of varying age and condition and one ECHO unit based on a four-wheel drive Suburban.

The chart below shows the age, mileage and condition of the existing fleet. A decision to acquire a all-wheel drive sprinter van based ambulance to be used extensively in transfer calls was made in September.

It is anticipated that ARPA monies awarded to the member communities will be used to pay for the new vehicle. The current fleet averages 6 mpg and the new vehicle is estimated to provide 12 -15 mpg resulting is significant fuel cost savings.

#### Units Status:

- 56A4 Good working condition Mileage 37,458/2018
- 56E1 Good working condition Mileage 12,354/2018
- 56A1 Good working condition Mileage 142,362/2015
- 56B2 Fair working condition Mileage 185,697/2004
- 56B3 Fair working condition Mileage 170,121/2002

### Financial Overview

The budget for this fiscal year was set at \$1,827,951. Currently we are receiving approximately \$620 in reimbursement per run. This amount will vary depending on the final mix of payor types as each payor reimburses a different amount for service provided. Careful attention to staffing, limiting overtime and on call staff utilization can impact the financial report. The necessary staffing to operate 24/7/365 requires more income than the State and Federal government currently provide. In the past this difference was made up by payments from the Townships and the City's general funds. This year for the first time a dedicated millage to support EMS will offset the shortage in reimbursement and allow the member entities to plan for their economic future with a greater degree of certainty.

**Percentage of our patients by payor typ. YTD** Medicare 48.6%, Medicaid 15.6%, Blue Cross 13.4%, Comm 10.4%, Private Pay 12%

#### 2020 Year End City EMS - 1633 Calls

#### 2021 Year End City & LCEMSA - 1870 Calls

Increase of 237 Calls. This is an average of 5 calls per day in 2021. 909 total calls/669 Billable/Non-Billable 240 Life Assist, Med Alarm, Stand By, Service Calls, etc.

	July	August	September	October	November	December	Total
City of Chalevoix	11	66	53	40	45	47	262
Charlevoix Twp.	4	24	23	17	10	20	98
Hayes Twp.	3	10	12	25	16	25	91
Marion Twp.	2	14	14	9	11	19	69
Norwood Twp.	0	4	4	4	6	4	22
Charlevoix Hosp. Transfers	9	55	47	46	40	53	250
McLaren Hosp. Petoskey Transfers	4	12	15	12	14	6	63
Monthly Totals	33	185	168	153	142	174	855