

Emergency Medical Services

Michael Maclsaac, Chief of EMS



Conseil des Services du District de
Manitoulin-Sudbury
District Services Board

History

EMS is one of three main Emergency Services: Along with Police and Fire.

Of the three EMS is the youngest.



MOHLTC Responsibilities

Dispatching of Ambulances (911)

Currently accomplished through 3 Central Ambulance Communications Centres (Sudbury, Sault Ste. Marie, & Timmins).

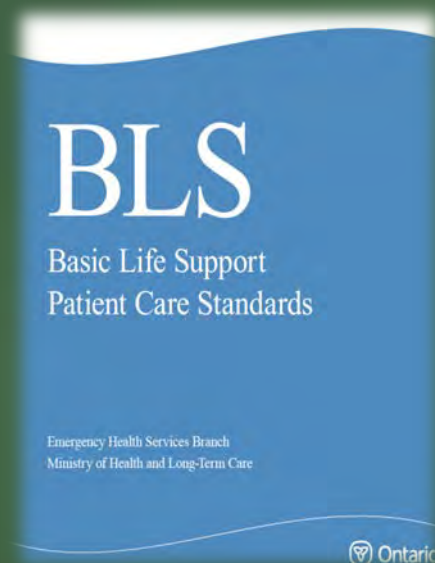


Base Hospital Services

Amalgamated into one regional site from 3 in 2008. Now called the Northeastern Ontario Prehospital Care Program based out of Sudbury.

Setting Standards and Ensuring Compliance

Through a 3 year certification cycle. Last Ambulance Service Review was in 2010. Results are posted on the DSB Website.



Key EMS Responsibilities

Provide a service that includes all aspects of land ambulance operations including:

- Personnel, vehicles, and equipment
- Type of service (on-site versus on-call)
- Quantity and level of service

Responsible for all costs associated with the provision of these services:

- 50/50 cost share with province on “Approved Costs”

Ensure compliance with all governing legislation including numerous standards and regulations which cross through different realms of provincial ministries.

Primary Care Paramedics

A graduate of a community college program consisting of 1090 hours of combined theory and clinical practice (2 years of college).

Hold an MOHLTC EMCA/AEMCA certificate

Certified by a Base Hospital to:

- administer Glucagon, Benedryl, Gravol, & Epinephrine via injection,
- administer Glucose & ASA orally,
- administer Nitroglycerin sublingually,
- & administer Salbutamol via inhalation.



- Additionally they are certified by a BHP to perform semi-automatic external cardiac defibrillation.



Manitoulin-Sudbury DSB EMS

12 EMS Station Locations

Sudbury East: Noëlville, Hagar, Killarney

Sudbury North: Chapleau, Foleyet, Gogama

La Cloche: Espanola, Massey

Manitoulin Island: Little Current, Mindemoya, Gore Bay, Wikwemikong
(Wikwemikong is operated by DSB on behalf of the Province)

4 Volunteer Emergency First Response Teams

Cartier, Cockburn Island, French River Delta, Tehkummah

13 Tiered Response Agreements (mainly with local municipalities through their Fire Departments).

Manitoulin-Sudbury DSB EMS

Logistical Resources

- 23 Ambulances
- 4 Emergency Response Vehicles
- 1 Logistics Unit
- 1 Administrative Vehicle
- 3 Emergency First Response Team Vehicles



Human Resources

- 64 Full Time Primary Care Paramedics
- 52 Part Time Primary Care Paramedics



Call Volume Trend



2011 Call Volume Breakdown

STATION	Priority 1 Deferrable	Priority 2 Scheduled	Priority 3 Prompt	Priority 4 Urgent	Priority 8 Standby	TOTAL	%
Chapleau	29	113	80	159	14	395	3.0%
Espanola	259	174	316	451	701	1,901	14.5%
Foleyet	8	36	32	45	50	171	1.3%
Gogama	3	4	48	182	6	243	1.9%
Gore Bay	22	17	82	167	532	820	6.3%
Hagar	11	10	88	315	481	905	6.9%
Killarney	6	0	16	44	58	124	0.9%
Little Current	202	135	251	359	1,087	2,034	15.5%
Massey	38	55	136	437	766	1,432	10.9%
Mindemoya	185	346	321	393	1308	2,553	19.5%
Noëlville	18	4	101	405	444	972	7.4%
Wikwemikong	46	33	284	562	628	1,553	11.9%
Total	827	927	1,755	3,519	6,075	13,103	100%

EMS 5 Year Staffing Plan

In June of 2011 the DSB Board approved in principle a 5 year EMS station staffing plan for the Manitoulin-Sudbury area.

Within the plan 8 of 12 EMS stations will receive some enhancements in staffing.

- First enhancement last October made Mindemoya 24/7
- This year Massey is awaiting approval to go 24/7
- July 2014 Noëlville to 24/7 & Gore Bay to partial 24/7
- January 2016 Gogama Killarney and Foleyet are slated to increase from 8 hour shifts with on-call to 10 hours shifts with on-call

The costs of these enhancements are estimated to account for a 1% municipal cost increase per year.

Final approval to move forward each year will be made by the Board based upon expected funding levels from the MOHLTC

Other Strategic Issues

Non-Urgent Patient Transportation

The cost to response times and balanced emergency coverage.

AOD/Hospital ALC Crisis

Presents an inability to return to our area and impacts negatively on response times and balanced emergency coverage.

ZOLL Road Safety

New system being implemented which has massive positive H&S implications in driving habits.

New Response Time Standard 2013

More rigid, however more appropriate standard related to patient acuity and not generalized response times.

CPAP

New equipment being implemented June 1st to aid in respiratory emergencies. Probably the most positive improvement made to patient care in recent years.

Thank You

