

Manitoulin-Sudbury DSB

Presentation to:

Municipality of Chapleau

Manitoulin-Sudbury DSB

- ▶ Thank you for this opportunity to present on how the Paramedic Services relate to your community
- ▶ Topics of discussion
 1. A perspective of Manitoulin-Sudbury DSB
 2. The Paramedic Services Department
 3. Call Volumes and Staffing
 4. Challenges & Opportunities:
 - I. Regionalized Health Care
 - II. Long Distance Transport Options
 - III. Non-urgent Activities
 5. Questions?

DSB Coverage Area

- Encompasses the Districts of Manitoulin and Sudbury (excluding the City of Greater Sudbury).
- An area of over 45,000 sq. km
- Larger than 115 Countries in the World
- 12 EMS Stations
- Northern Coverage
Chapleau (12/7 on site and 12/7 on call). Foleyet (10/7 on site and 14/7 on call)
- Chapleau max coverage of one hours in all directions.



Distance Challenges

Travel from Chapleau to Timmins is 2 hours and 39 minutes one way (202 KMs)

Travel from Chapleau to Sudbury is 5 hours and 15 minutes (410KMs)

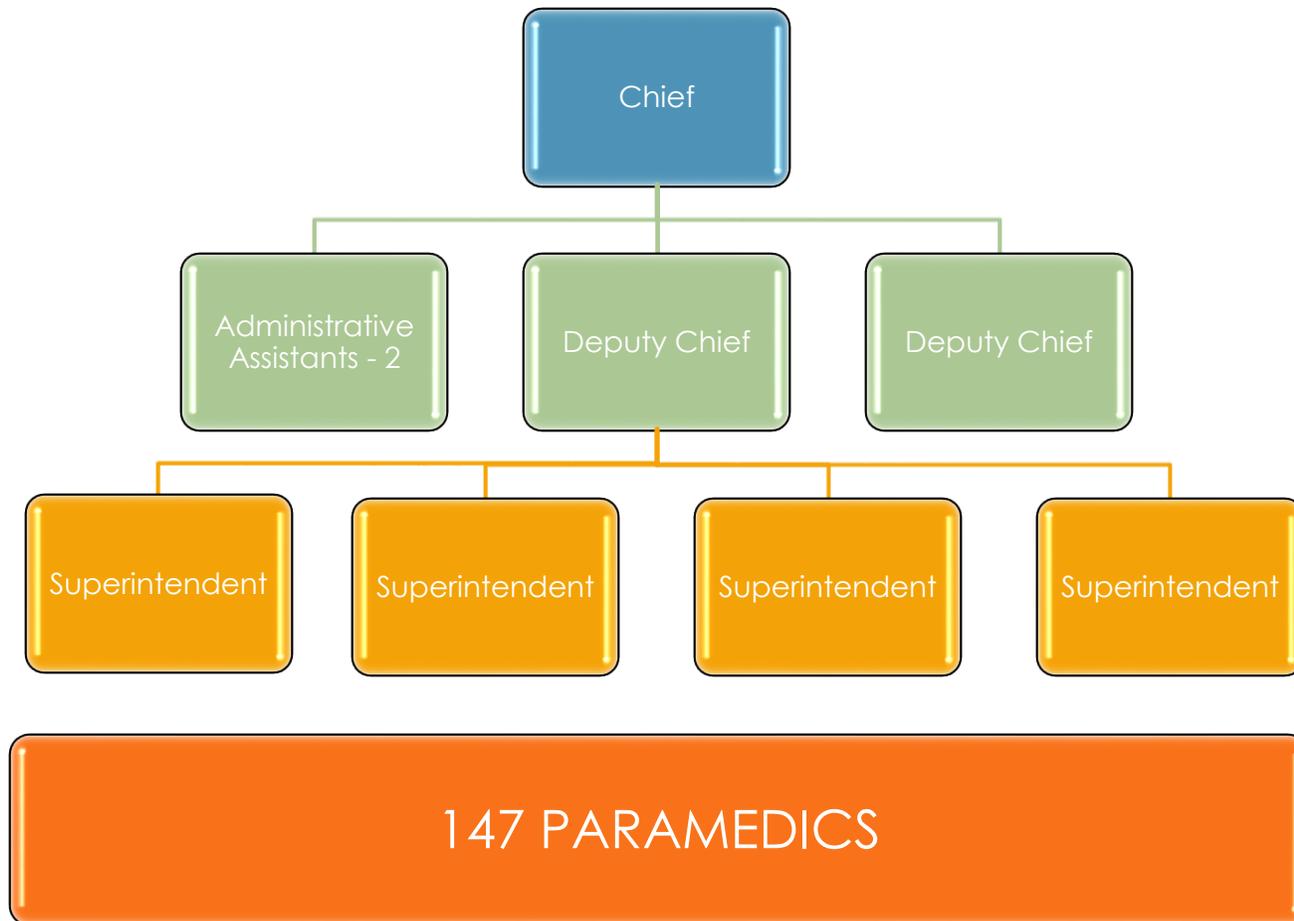
From	To	Distance (km)	Time (hh:mm)
Toronto	Detroit	393	4:16
Toronto	Sudbury	385	4:55
Toronto	Ottawa	411	4:33
Toronto	Montreal	544	6:18
Chapleau	Sudbury	410	5:15
Chapleau	Timmins	202	2:39
Wawa	Sault Ste. Marie	224	2:27

- ▶ The MOHLTC/Ornge have an arbitrary rule that non-urgent patients will not be moved by air ambulance where the one way distance is less than 240KM. The rule does not consider road conditions, nor does it consider travel distance. Wawa is granted exception, while Chapleau is not.

Key Paramedic Responsibilities

- ▶ Provide land ambulance operations in a seamless manner to the community. The responsibility includes:
 - Paramedic Personnel, vehicles and equipment
 - Deployment Modeling
 - Quality Assurance
- ▶ The DSB is responsible for its share of costs associated with the provision of Paramedic Services:
 - 50/50 cost share with Province
- ▶ Ensure compliance with all governing legislation including numerous standards and regulations which cross through different realms of provincial ministries.

Paramedic Services Chart

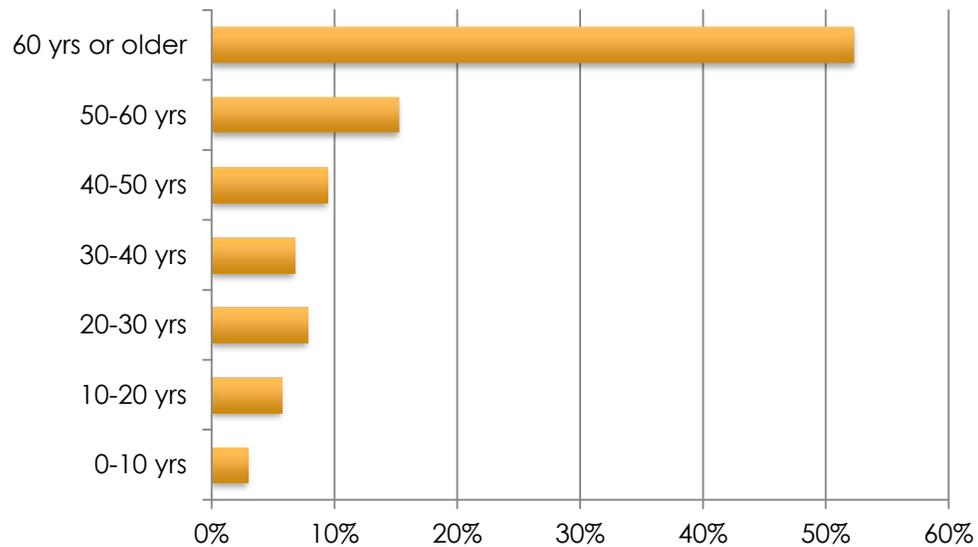


Paramedic Service Operations

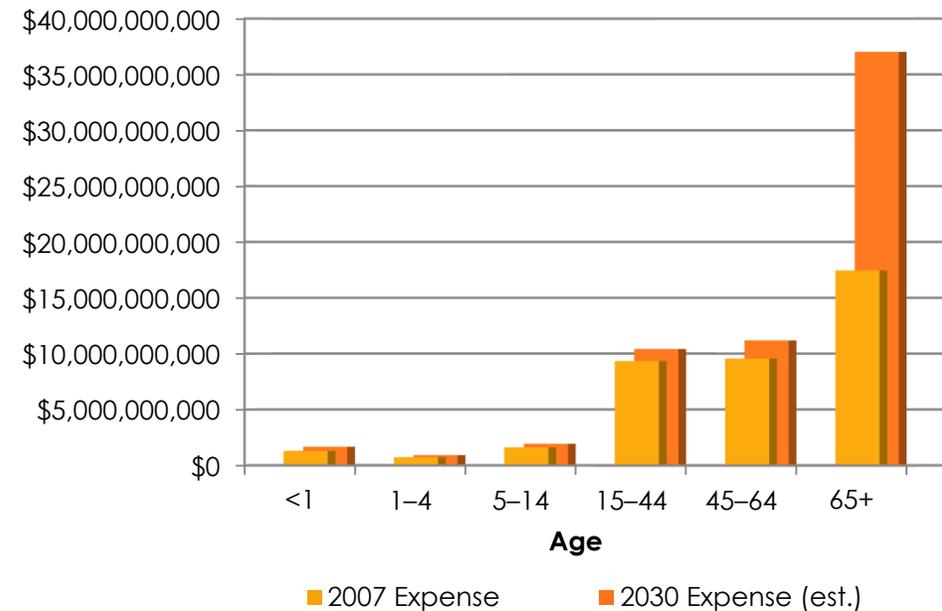
- ▶ 23 Ambulances and 5 PRUs
- ▶ Currently, 77 full time and 63 part time Primary Care Paramedics employed
- ▶ Shifts are 8, 10 or 12 hours in duration with a mix of full on-site and on-call components.
- ▶ 24/7 supervisory coverage
- ▶ Chapleau station operates on site from 7 AM to 7 PM and on call from 7PM to 7AM.
- ▶ Chapleau station is backed up from Foleyet (99KM), then from Wawa (140KM).

Ontario's Healthcare Future

DSB Composition of Calls by Age



Ontario's Health Care Demographic & Fiscal Future



Chapleau Call Analysis

- ▶ A review of long distance transportation was completed for the period from January 2016 through September 2017 (20 months)
 - ▶ n=73 (43 in 2016, 30 in 2017 J-S)
- ▶ Of the 73 transportations, 32 involved a pick up in Chapleau. 17 of these resulted in a relay with Foleyet and 15 involved transportation directly to Timmins.
- ▶ Chapleau Paramedics also transported and repatriated 9 urgent patients directly to Timmins.

Chapleau Call Analysis

- ▶ The total time Paramedics were out of the community during the assessment period was 269 hours
- ▶ The total on site deployment during the same period was 7300 hours.
- ▶ Lost community deployment represented 3.7% of the total deployment
- ▶ Resource availability was over 96.3%

Mitigation Strategies

- ▶ Manitoulin-Sudbury DSB Paramedic Services will attempt to relay transportations halfway between Chapleau and Foleyet. This allows the Chapleau resource to return to the community
- ▶ Paramedic Services has made effort to have the Ministry of Health and Long Term Care, and Ornge acknowledge challenges with the deployment loss and allow non-urgent transportation from Chapleau to Timmins by air ambulance. The discussions on this matter were initiated in mid 2015.
- ▶ Paramedic Services has worked with the local communications centers to attempt to facilitate movement of urgent and emergent patients from Chapleau by air ambulance.
- ▶ The North East LHIN and Chapleau Hospital has put in place a vehicle designed to move no urgent patients.
- ▶ The North east LHIN has acknowledged that there is a opportunity for funding movement of non-urgent patients.

Challenges

- ▶ Paramedic Services has worked with the local communications centers to attempt to facilitate movement of urgent and emergent patients from Chapleau by air ambulance. Hospitals are reluctant to utilize Ornge. The issue is Provincial.
- ▶ The efficacy of the vehicle supplied by the North East LHIN is unknown. A request for numbers related to this vehicle were requested in 2017.

Next Steps

- ▶ Manitoulin-Sudbury DSB and its Paramedic Services will continue to work with willing partners to mitigate the impact of Paramedic resource loss due to regionalized health care in all communities.
- ▶ Paramedic Services is completing an analysis of current practice by other municipalities designed to mitigate risks due to resource loss caused by long distance transportation.
- ▶ Paramedic Services is working toward a technological solution that will geofence communities and alert the leadership team when communities are in coverage risk.
- ▶ Paramedic Services will continue to lobby the LHIN and the Province to recognize the impact of regionalized health care on small communities in an effort to address risk to the community.

QUESTIONS?

