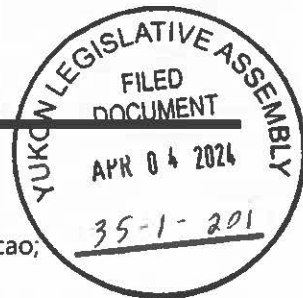


Currie.Dixon



From: DCAA <dawsoncityambulance@gmail.com>
Sent: January 28, 2024 1:54 PM
To: Tracy.McPhee; Sandy.Silver; Kate.White; Currie.Dixon; Brad Cathers; cao; bill.kendrick@cityofdawson.ca; chief.darren.taylor@trondek.ca; executive.director@trondek.ca
Subject: [EXT] Dawson City ambulance coverage: Data analysis from ATIPP request
Attachments: DCAA YEMS Service Delivery Report.pdf

Some people who received this message don't often get email from dawsoncityambulance@gmail.com. [Learn why this is important](#)

Dear All,

Dawson City Ambulance Association has completed a report summarising information obtained in an ATIPP request regarding ambulance coverage levels in Dawson City between January 2022 and October 2023.

This report is being shared with respective governments and representatives and has been published on the DCAA website (mydcaa.com).

If you have any questions or would like to discuss further, please do not hesitate to reach out. For convenience, we have copied the report's Executive Summary below:

In Dawson City, Yukon Emergency Medical Services (YEMS) has publicly reported that ambulance coverage was available 86% and 85% of the time in 2022 up to the end of October 2023, respectively. YEMS has defined coverage as a fully crewed ambulance of 2 responders available locally.

As part of an Access to Information and Protection of Privacy Act data request, the Dawson City Ambulance Association has identified a discrepancy between the reported local coverage figures for Dawson City and the local coverage represented on staffing schedules. Actual coverage based on Yukon Emergency Medical Services own definition was 72.75% in 2022 and 58.8% in the first 10 months of 2023. In any given month, the actual coverage is between 7% and 21% lower than what YEMS has reported. This is a significant and concerning difference that has implications for transparency, public safety and public trust.

We recommend further examination of this data by Yukon Government to understand the discrepancy and its impact.

Best regards,
Dawson City Ambulance Association

**Deployable Dawson City Based Ground Ambulance Coverage
01 January 2022 – 31 October 2023**

Executive Summary

In Dawson City, Yukon Emergency Medical Services (YEMS) has publicly reported that ambulance coverage was available 86% and 85% of the time in 2022 up to the end of October 2023, respectively. YEMS has defined coverage as a fully crewed ambulance of 2 responders available locally.

As part of an *Access to Information and Protection of Privacy Act* data request, the Dawson City Ambulance Association has identified a discrepancy between the reported local coverage figures for Dawson City and the local coverage represented on staffing schedules. Actual coverage based on Yukon Emergency Medical Services own definition was 72.75% in 2022 and 58.8% in the first 10 months of 2023. The average coverage is approximately 13% lower in 2022 and 26% lower in 2023 than what YEMS has reported. This is a significant and concerning difference that has implications for transparency, public safety and public trust.

We recommend further examination of this data by Yukon Government to understand the discrepancy and its impact.

Purpose

This report describes the coverage deficits and challenges experienced with the Yukon Government commitment to deliver a complete emergency medical service based in Dawson City. These deficits have been raised in media, social media, and addressed through comments from Yukon Emergency Medical Service (YEMS) at City of Dawson Council meetings.

The report also informs a multi-agency community-based action plan to increase the resilience to YEMS service delivery deficits.

Introduction

There was media coverage on local radio on March 2nd reporting that ambulance coverage was 89% in January 2023 despite concerns raised regarding coverage (Deen, 2023). McIntyre (2023a) reported on a specific case of a parent with an infant requiring emergency medical assistance and being told that help was not immediately available. Again, on September 5th an interview highlighted a specific case where an emergency medical response couldn't be provided locally (Jones, 2023). Highlighting service delivery challenges and deficits in Dawson City with the need for an out-of-territory family member to find a way to get their loved one to hospital. Media has described a reduction in service from YEMS as a result of insufficient volunteers to fill the available hours (McIntyre, 2023a; Jones, 2023). This has led to requests from YEMS for driver assistance from both the Royal Canadian Mounted Police (RCMP) and Dawson City Fire Department (DCFD). This assistance had been provided, but due to increases in requests from YEMS, DCFD and other municipalities have identified the lack of sustainability in this approach (McIntyre, 2023b; McIntyre 2023c). Representatives from politicians and community leaders across the Yukon have all called for Yukon Government to examine the problem (McIntyre, 2023c; McIntyre, 2023d).

The Dawson City Ambulance Association (DCAA) wanted to establish a deeper understanding of coverage deficits reported in media and submitted an information request under the *Access to Information and Protection of Privacy Act* (ATIPP) to the Yukon Government. This report is a result of the data obtained through this ATIPP request, and though it is focussed on Dawson City, it may provide some considerations that could be applicable to other communities. It establishes a picture of the actual service coverage experienced in 2022 and up to 31 October 2023.

The report will describe the public response from YEMS, the data obtained through the ATIPP request, the DCAA analysis of this data, and a final summary.

YEMS Public Response

On 13 March 2023, Brad Cathers, an elected member of the Yukon Legislative Assembly submitted a question:

“With respect to Emergency Medical Services coverage, what is the total cost of sending paramedics by air from Whitehorse to substitute for volunteer coverage, and what is the number, broken down by community, of: (1) active volunteers; (2) hours in 2022 when there was a gap in local coverage by volunteers; and (3) calls in 2022 where paramedics from Whitehorse were dispatched by air to provide ambulance coverage?”

A response to this question was provided to the Yukon Legislative Assembly on 23 November 2023. This response specified that 7522.6 hours of emergency service coverage was provided by “volunteers.” We believe that the response to this question is inadequate and it does not clarify the question of the number of hours where a gap in local coverage was present as a result of local volunteer availability or service delivery model. The concept of “coverage” is not defined in this request or response, however, this definition was clarified in the YEMS presentation to the City of Dawson Council. In this presentation, it was clarified that **“coverage” means that two responders, either permanent or volunteers, are scheduled to be available simultaneously.**

In a presentation to Dawson City Council (Appendix 1) on 7 November 2023, YEMS reported that:

- From January 1, 2023 to the end of October 2023, there was 85% coverage from a full locally crewed ambulance 85% of the time
- In 2022 this coverage was 86%.
- When there was insufficient local response, 100% coverage was provided by YEMS with a response from another YEMS service (e.g., ground or air ambulance team from Whitehorse)

The community in Dawson were told that it was up to us to “step up” in order to achieve more coverage. YEMS representatives stated that 85% coverage is very good when across the country there is a shortage of paramedics. For reference, a 15% coverage deficit is equivalent to 1,314 hours per year, or 54.75 twenty-four hour periods where there is no local coverage.

Methodology

The data received in the ATIPP request is an “anonymised copy of the staffing schedule for the Dawson City ambulance station that includes both regular employed staff and paid volunteers... January 1st 2022 to October 31st 2023”. An example of this data is seen in Figure 1.

Shift Start Date	Shift Start Time	Shift Stop Date	Shift Stop Time	Schedule	Position	Regular Hours
01-Jan-22	0:00	01-Jan-22	0:15	Dawson City Responder Sign Up Weekend	Responder	0.25
01-Jan-22	0:15	01-Jan-22	10:00	Dawson City Responder Sign Up Weekend	Responder	9.75
01-Jan-22	10:00	02-Jan-22	10:00	Dawson City Responder Sign Up Weekend	Responder	24
01-Jan-22	0:00	01-Jan-22	10:00	Dawson City Responder Sign Up Weekend	Responder	10
01-Jan-22	10:00	02-Jan-22	10:00	Dawson City Responder Sign Up Weekend	Responder	24
02-Jan-22	10:00	03-Jan-22	10:00	Dawson City Responder Sign Up Weekend	Responder	24
02-Jan-22	10:00	03-Jan-22	10:00	Dawson City Responder Sign Up Weekend	Responder	24
03-Jan-22	10:00	04-Jan-22	8:30	Dawson City Responder Sign Up Weekend	Responder	22.5
03-Jan-22	10:00	04-Jan-22	8:30	Dawson City Responder Sign Up Weekend	Responder	22.5
04-Jan-22	16:30	05-Jan-22	8:30	Dawson City Responder Sign Up Weekday	Responder	16
04-Jan-22	8:30	04-Jan-22	16:30	Dawson City	PCP	8
04-Jan-22	8:30	04-Jan-22	16:30	Dawson City	PCP	8
04-Jan-22	16:30	05-Jan-22	8:30	Dawson City Responder Sign Up Weekday	Responder	16
05-Jan-22	16:30	06-Jan-22	8:30	Dawson City Responder Sign Up Weekday	Responder	16
05-Jan-22	8:30	05-Jan-22	16:30	Dawson City	PCP	8
05-Jan-22	16:30	05-Jan-22	22:30	Dawson City Responder Sign Up Weekday	Responder	6
05-Jan-22	8:30	05-Jan-22	16:30	Dawson City	PCP	8
05-Jan-22	22:30	06-Jan-22	8:30	Dawson City Responder Sign Up Weekday	Responder	10
06-Jan-22	16:30	06-Jan-22	18:00	Dawson City Responder Sign Up Weekday	Responder	1.5
06-Jan-22	8:30	06-Jan-22	16:30	Dawson City	PCP	8
06-Jan-22	16:30	06-Jan-22	22:30	Dawson City Responder Sign Up Weekday	Responder	6
06-Jan-22	8:30	06-Jan-22	16:30	Dawson City	PCP	8
06-Jan-22	22:30	07-Jan-22	8:30	Dawson City Responder Sign Up Weekday	Responder	10
06-Jan-22	18:00	07-Jan-22	6:00	Dawson City Responder Sign Up Weekday	Responder	12
07-Jan-22	6:00	07-Jan-22	8:30	Dawson City Responder Sign Up Weekday	Responder	2.5
07-Jan-22	16:30	07-Jan-22	18:00	Dawson City Responder Sign Up Weekend	Responder	1.5
07-Jan-22	8:30	07-Jan-22	16:30	Dawson City	PCP	8
07-Jan-22	16:30	08-Jan-22	6:00	Dawson City Responder Sign Up Weekend	Responder	13.5
07-Jan-22	8:30	07-Jan-22	16:30	Dawson City	PCP	8
07-Jan-22	18:00	08-Jan-22	10:00	Dawson City Responder Sign Up Weekend	Responder	16

Figure 1 – Excerpt from ATIPP request

In order to properly analyse the data, context needs to be given:

- In order for an ambulance to be deployed by the YEMS dispatch system, there need to be 2 individuals on duty. This means that a single responder on the schedule cannot be dispatched without another agency providing a support response.
- In 2022 there were 365 days which requires 48 hours of staffing requirement per day for a deployable ambulance (24 hours a day for two staff = 48 hours of staffing). This is a total of 17,520 hours of staffing.
- Between 1 January 2023 and 31 October 2023 there were 304 days which require to 48 hours of staffing requirement per day for a deployable ambulance. This is a total of 14,592 hours of staffing.

The following definitions will be applied to the way the data is represented:

Schedule: The anonymised copy of the schedule released by YEMS as part of the relevant ATIPP request.

Coverage: Having an ambulance staffed by 2 responders based in Dawson City and available for dispatch according to the schedule

Allocated: With reference to the number of hours in any given period where a person is represented on the schedule.

The methodology for data interpretation was as follows:

- Each data point (an individual allocated to a 1 hour period of time) extracted from the data set and arranged:
 - Allocation to 1 of 2 available schedule lines per 24 hours
 - Allocation to each hour in a 24 hour period as identified by the data
 - The result of this is a daily calculation of available hours, meaning the number of hours where staff have been allocated. With two staff required, the maximum number of available hours is 48.

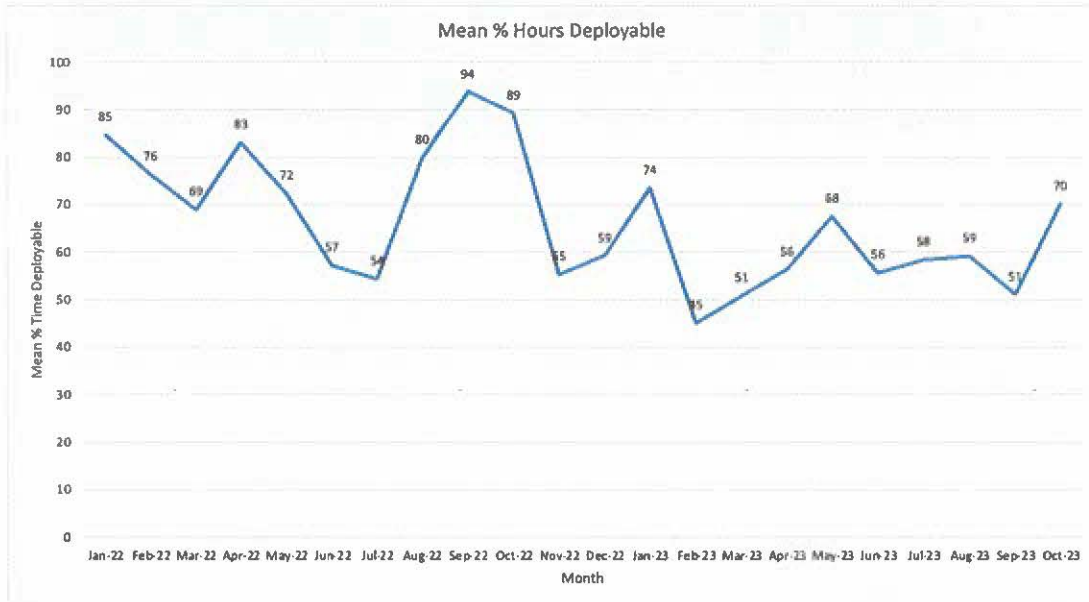
E.g.

Schedule Line	Day 1		
	Person 1	Person 2	Ambulance Available for Dispatch
0000-0100	On Duty	X	No
0100-0200	On Duty	X	No
0200-0300	On Duty	On Duty	Yes

- In each 24 hour period:
 - The number of hours where 2 people were allocated to the schedule was considered **coverage**.
 - The total number of hours where staff were **allocated** to the schedule, including where less than 2 people were allocated at any given time was noted.
- The total number of hours per 24 hour period of **coverage** was converted to a percentage for coverage per day and aggregated for monthly representation.
- The total number of hours of schedule allocation was noted for comparison between hours **allocated** and functional **coverage** hours.
- Trends for times of day/days of week/times of year were not analysed as part of this methodology.

Data

The chart below and its associated data tables (Figure 2) provide an overview of the coverage from Dawson City for the entire dataset. The range is 45% to 94% and the median is 63.5%, the mode is 59% and the mean is 66% for the whole period examined (January 2022 – October 2023). The mean coverage in 2022 was 72.75% and in 2023 up to October 31 was 58.8%. The overall mean of 22 months of presented data demonstrates coverage of 67% based in Dawson City.



2022

Month	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
% Coverage	85	76	69	83	72	57	54	80	94	89	55	59

2023

Month	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
% Coverage	74	45	51	56	68	56	58	59	51	70		

Figure 2 – Data Tables and line chart January 2022 to October 2023

Data has also been arranged to illustrate the difference between allocated hours and coverage between January 2022 and October 2023. Figure 3 shows that while there is generally a close relationship between the % of hours allocated and the % coverage achieved in any given month, we could not find a direct correlation. Figure 3 also shows that the actual coverage in Dawson is roughly 10-15% lower than the numbers quoted by YEMS.

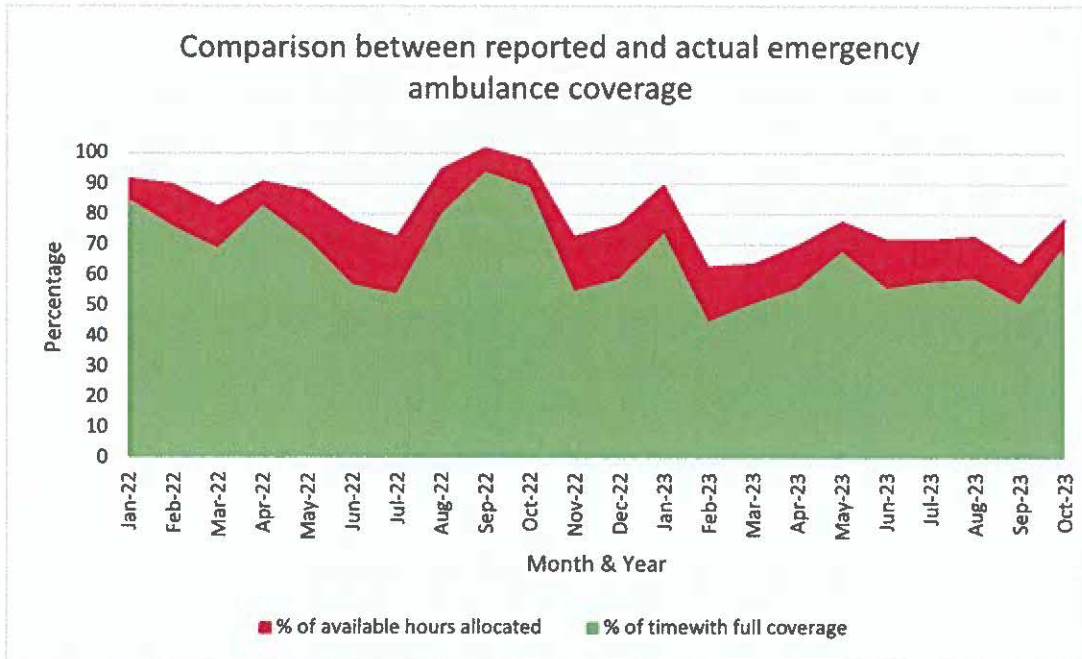


Figure 3 – Area chart comparing hours allocated and coverage achieved January 2022 to October 2023

Analysis

This data shows a substantially different picture than the coverage report from YEMS for 2022 and 2023 (up to the end of the available data). Using the data from the ATIPP request, we have identified some reasons we believe there is such a difference in the coverage levels that we have determined compared to those YEMS have reported. This is based on assumptions about how YEMS have processed and presented their own data.

1. There seems to be a statistical reporting error based on the definition of coverage provided by YEMS and the numbers they have self-reported. They have asserted that coverage is based on 2 people in Dawson City being available from YEMS to be able to operate an ambulance and provide care for a patient.

In 2022 and 2023 respectively, **86%** and **85%** of all available hours had people allocated to the shift schedule. These are the same as the "average coverage" numbers reported by YEMS for those years. Therefore, we have drawn the conclusion that the coverage figures presented by YEMS are actually the allocated hours. However, there is a significant gap between the number of hours that are covered on a schedule and the ability of YEMS to deploy an ambulance. YEMS will only deploy an ambulance with 2 people scheduled to work. Therefore, the "average" (we have taken mean as the average being examined here) coverage for 2022 and 2023 is actually **72%** and **59%**, respectively.

Tables 1-4 in Appendix 2 illustrate a range of dates in 2023 where the discrepancy between the number of hours covered and the ability to provide a service were incongruous. For example:

- Table 1 shows on the 14th of January 2023 that between midnight and 9pm there was only 1 member of staff on duty. This results in staffing of 27 hours out of the 48 hours coverage needed, or **56%** of the hours. However, because there were only 2 people working at the same time for 3 hours, this means that the actual coverage for this day is **12.5%**.
- Table 1 shows on the 15th of January 2023 the period between 9am and 6pm had only 1 member of staff on duty, this 9 hour period only reduces the overall hours allocated to **81%**. However, that is more than one third of the day when an ambulance could not have been dispatched. This reduces the actual coverage for that day to **63%**.
- Table 2 shows that there was **62.5%** of the hours covered on the 27th of May 2023. Because additional hours were on the schedule for a new volunteer, those hours are counted twice. In this instance there are only 3 hours. On this day, the ambulance could only have been dispatched **12.5%** of the time.
- Table 4 shows the 9th of July with only 7 hours of filled staffing. Despite this there was no ambulance coverage that day due to only having a single responder available.

We have examined other ways of representing an average (median and mode) and neither of these figures give coverage statistics consistent with YEMS reports based on their definition of coverage. These discrepancies between hours allocated and available ambulance coverage sufficiently explains the difference between levels that YEMS report

as their coverage and the actual amount of time that someone calling 911 could expect a Dawson City based response with an ambulance.

2. We tried to identify other data analysis methods that might reasonably produce the figures reported by YEMS. Other ways in which coverage can be talked about include days when full coverage is achieved and when no coverage is achieved. In 2022, 123 days achieved full coverage (35%) and on 25 days there was no coverage (7%). In 2023 in the 304 days to the end of October, only 36 days achieved full coverage (12%) and on 16 days there was no coverage (5%). While this doesn't explain the figures for coverage reported by YEMS, it does illustrate that a proportion of the days in each year, an ambulance is unavailable in Dawson City for a minimum period of 24 hours.
3. The amount of time where YEMS provides a response from their permanent team and the amount of volunteer responder coverage is heavily weighted towards the volunteer system. Staff provide coverage between the hours of 0830 and 1630 on regular weekdays not including public holidays. In 2022 and 2023, this coverage demand was 4080 hours (on 255 days) and 3344 hours (on 209 days) respectively. The volunteer demand for the same period was 13,440 hours and 11,248 hours respectively. The requirement for volunteer coverage is approximately 77%.

We have been unable to determine distinct periods of time, such as only counting volunteer hours or permanent staff hours, or proportioning those differently based on skill-mix. Even if there was an assertion that one person on the schedule was considered coverage because of access to other support services, the figures provided by YEMS would still not match. In this instance YEMS would have under-represented their coverage levels significantly. In both years, coverage would have over 95%.

Summary

Using a mixed delivery model of permanent employed Yukon Government staff and casual paid responders (volunteers), two individuals are required in order for an ambulance to be a deployable asset (i.e., coverage).

In 2022, YEMS have publicly reported 86% coverage. Our analysis has determined that 86% of available hours were allocated to individuals on the schedule. However, based on the YEMS definition of 'coverage,' **an ambulance could have been dispatched only 72.75% of the time.**

From January 1st to October 31, 2023, YEMS have publicly reported 85% coverage. Our analysis has determined that 85% of available hours were allocated to individuals on the schedule. However, based on the YEMS definition of 'coverage' **an ambulance could have been dispatched only 58.8% of the time.**

The data analysis performed by the DCAA demonstrates that the availability of local ambulance service to Dawson City residents is far less than YEMS has stated publicly to Dawson City residents and to Yukon's Legislative Assembly. Our assertion is that these local coverage levels are inadequate when the local population believes that there is 100% coverage based in Dawson City. We are also concerned that data has been used to misrepresent the level of service available. We acknowledge that our ATIPP request was specific and there may be other data, unknown to us, that could explain the discrepancy we have identified. We encourage YEMS to share that data publicly if it exists and changes the picture we have been able to describe.

Next Steps

The dissemination plan for this report includes:

- Publication on the DCAA website for public access
- Distribution to Dawson City Council, Tr'ondëk Hwëch'in Council and Yukon Government

DCAA recommends that YEMS undertake formal examination of the root causes associated with:

- The discrepancy between the data reported to the public and the analysis conducted by DCAA.
- The reasons for coverage levels significantly less than 100%

DCAA would like to see greater public accountability and recommends:

- The development of a simple territory wide reporting mechanism to help communities and local governments understand their local coverage levels and monitor improvements/deteriorations over time.
- The development of a reporting mechanism to illustrate upcoming periods of time when local service deficits exist and the mitigation strategies in place.

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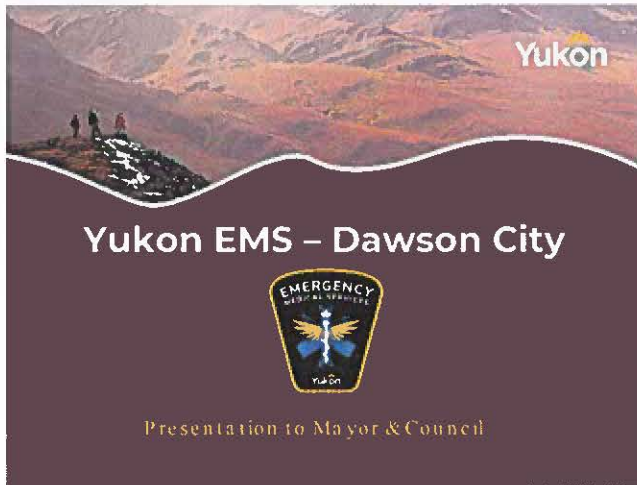
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Appendix 1 – YEMS Presentation to Dawson City Council 07 November 2023



Yukon EMS – Dawson City

- Call Volume: avg. 150 (911) 150 Medevac (DCH)
 - i.e. Carcross 200 WL 450
 - 2% call Echo
- 911 Available 24/7-EMS Dispatch (ERCC)
- Local Coverage-Fully crewed ambulance 85 %
- 2022 86%
- EMS system 100%
- Primary Care Paramedics – 0800 to 1630 Monday to Friday (2FT, 3 AOC)
- Community Responders – 1630 to 0800 (5 Active, 5-onboarding)

Yukon

Calling 911 in Dawson City

- Initially answered by RCMP & transferred to the Emergency Response Communication Center (ERCC)
- Geolocated by the Emergency Response Communication Officer (ERCO)
- Medical Priority Dispatch Systems- determine scene safety and resource allocation (RCMP, Fire)
- Dispatch Life Support is provided to the caller
- Resource is dispatched
- Alternative transport options



Yukon

Yukon EMS Community Responder Program

- 1) **Responder Safety- Mandatory**
 - On-boarding program-Orientation
 - HIPPMA, OHS
 - Continuing educational and training
 - Orientation Shifts x3
- 2) **Patient Safety- Mandatory**
 - Stretcher & equipment utilization
 - Safe driving practices, Class 4
 - Standard First Aid
 - 3xshifts
 - 72 hrs. (1wk – 3months, individual dependent)
- 3) **Health Safety – Patient- non-Mandatory**
 - Emergency Medical Responder Scope of Practice
 - 80 hr. course



Yukon

Community Responders



- Becoming a Community Responder is a rewarding and meaningful experience.
- Serve your community and contribute to overall community wellbeing.
- Learn new skills and gain confidence in emergency situations.
- Take part in paid and flexible training.
- Make your own on call schedule that works around your schedule and lifestyle

Yukon

Supports/ Training with Yukon EMS

- Honoraria when on call - \$3.71
- \$1000 retention bonus after completion of 250 on call hrs.
- Call out Honoraria - \$21.20-30.74
- All training paid- \$19.08/hr. (travel expenses covered)
- Top of the line equipment and medical protocols
- Dedicated Clinical Educator to Communities
- Mobile Training unit- high fidelity simulation
- Dedicated training center in Whitehorse
- Career advancement to Primary Care Paramedic
- Paid opportunities to gain experience in Whitehorse
- When responding access to:
 - Peer Support
 - FSEAP
 - WCB



Yukon

How Do I Sign Up

- Contact Yukon EMS (867)456-6505
- Talk to a member of the Yukon EMS team in Dawson City
- HSS-EMS-ResponderRecruitment-email@yukon.ca



Yukon

Questions



Yukon



Appendix 2 – Sample Data Tables

Table 1

Schedule Line	Sat 14 Jan		Sun 15 Jan		Mon 16 Jan		Tue 14 Mar		Wed 15 Mar		Thu 16 Mar	
	Line 1	Line 2	Line 1	Line 2	Line 1	Line 2	Line 1	Line 2	Line 1	Line 2	Line 1	Line 2
0000-0100	1	0	1	1	1	1	1	0	0	0	1	1
0100-0200	1	0	1	1	1	1	1	0	0	0	1	1
0200-0300	1	0	1	1	1	1	1	0	0	0	1	1
0300-0400	1	0	1	1	1	1	1	0	0	0	1	1
0400-0500	1	0	1	1	1	1	1	0	0	0	1	1
0500-0600	1	0	1	1	1	1	1	0	0	0	1	1
0600-0700	1	0	1	1	1	0	1	0	0	0	1	0
0700-0800	1	0	1	1	1	0	1	0	0	0	1	0
0800-0900	1	0	1	1	1	0.5	1	0.5	0.5	0.5	0.5	0.5
0900-1000	1	0	1	0	1	1	1	1	1	1	1	1
1000-1100	1	0	1	0	1	1	1	1	1	1	1	1
1100-1200	1	0	1	0	1	1	1	1	1	1	1	1
1200-1300	1	0	1	0	1	1	1	1	1	1	1	1
1300-1400	1	0	1	0	1	1	1	1	1	1	1	1
1400-1500	1	0	1	0	1	1	1	1	1	1	1	1
1500-1600	1	0	1	0	1	1	1	1	1	1	1	1
1600-1700	1	0	1	0	1	0.5	0.5	0.5	0.5	0.5	1	0.5
1700-1800	1	0	1	0	1	0	0	0	0	0	1	0
1800-1900	1	0	1	1	1	0	0	0	0	0	1	0
1900-2000	1	0	1	1	1	0	0	0	0	0	1	0
2000-2100	1	0	1	1	1	0	0	0	1	0	1	0.5
2100-2200	1	1	1	1	1	0	0	0	1	0	1	1
2200-2300	1	1	1	1	1	0	0	0	1	1	1	1
2300-0000	1	1	1	1	1	0	0	0	1	1	1	1
Hours per line allocated	24	3	24	15	24	14	16.5	8	12	10	23.5	17.5
Total hours allocated	27		39		38		24.5		22		41	
% of available hours allocated	56.3%		81.3%		79.2%		51.0%		45.8%		85.4%	
% of time deployable asset in Dawson	12.5%		62.5%		58.3%		33.3%		41.7%		72.9%	

Table 2

Schedule Line	Thu 25 May		Fri 26 May		Sat 27 May		
	Line 1	Line 2	Line 1	Line 2	Line 1	Line 2	Extra
0000-0100	1	1	1	1	1	0	0
0100-0200	1	1	1	1	1	0	0
0200-0300	1	1	1	1	1	0	0
0300-0400	1	1	1	1	1	0	0
0400-0500	1	1	1	1	1	0	0
0500-0600	1	1	1	1	1	0	0
0600-0700	1	1	1	0	1	0	0
0700-0800	1	0	1	0	1	0	0
0800-0900	1	0.5	0.5	0.5	1	0	0
0900-1000	1	1	1	1	1	0	0
1000-1100	1	1	1	1	1	0	0
1100-1200	1	1	1	1	1	0	0
1200-1300	1	1	1	1	1	0	0
1300-1400	1	1	1	1	1	0	0
1400-1500	1	1	1	1	1	0	0
1500-1600	1	1	1	1	1	0	0
1600-1700	1	0.5	1	0.5	1	0	0
1700-1800	1	0	1	0	1	0	0
1800-1900	1	0	0.5	0	1	0	0
1900-2000	1	0	0	0	1	0	0
2000-2100	1	0	1	0	1	0	0
2100-2200	1	0	1	0	1	1	1
2200-2300	1	1	1	0	1	1	1
2300-0000	1	1	1	0	1	1	1
Hours per line allocated	24	17	22	14	24	3	3
Total hours allocated	41		36		30		
% of available hours allocated	85.4%		75.0%		62.5%		
% of time deployable asset in Dawson	72.9%		66.7%		12.5%		

Table 3

Schedule Line	Mon 3 Jul		Tue 4 Jul		Wed 5 Jul		Thu 6 Jul		Fri 7 Jul	
	Line 1	Line 2	Line 1	Line 2	Line 1	Line 2	Line 1	Line 2	Line 1	Line 2
0000-0100	1	1	1	1	1	1	0	0	1	1
0100-0200	1	1	1	1	1	1	0	0	1	1
0200-0300	1	1	1	1	1	1	0	0	1	1
0300-0400	1	1	1	0	1	1	0	0	1	1
0400-0500	1	1	1	0	1	1	0	0	1	1
0500-0600	1	1	1	0	1	1	0	0	1	1
0600-0700	1	0	1	0	1	1	0	0	1	1
0700-0800	1	0	1	0	1	1	0	0	1	1
0800-0900	1	0.5	1	0.5	1	1	0.5	0.5	1	1
0900-1000	1	1	1	1	1	1	1	1	1	1
1000-1100	1	1	1	1	1	1	1	1	1	1
1100-1200	1	1	1	1	1	1	1	1	1	1
1200-1300	1	1	1	1	1	1	1	1	1	1
1300-1400	1	1	1	1	1	1	1	1	1	1
1400-1500	1	1	1	1	1	1	1	1	1	1
1500-1600	1	1	1	1	1	1	1	1	1	1
1600-1700	0.5	0.5	0.5	0.5	0.5	0	0.5	0.5	1	0.5
1700-1800	0	0	0	0	0	0	0	0	1	0
1800-1900	0.5	0	0.5	0	0.5	0	0.5	0	1	0
1900-2000	1	0	1	0	1	0	1	0	1	0
2000-2100	1	1	1	0	1	0	1	0	1	0
2100-2200	1	1	1	0	1	0	1	0	1	0
2200-2300	1	1	1	1	1	0	1	0	1	0
2300-0000	1	1	1	1	0	0	1	1	1	1
Hours per line allocated	22	18	22	13	21	16	13.5	9	24	17.5
Total hours allocated	40		35		37		22.5		41.5	
% of available hours allocated	83.3%		72.9%		77.1%		46.9%		86.5%	
% of time deployable asset in Dawson	75.0%		54.2%		66.7%		37.5%		72.9%	

Table 4

Schedule Line	Sat 8 Jul		Sun 9 Jul		Sun 10 Sep		Mon 11 Sep		Tue 12 Sep	
	Line 1	Line 2	Line 1	Line 2	Line 1	Line 2	Line 1	Line 2	Line 1	Line 2
0000-0100	1	1	1	0	1	1	0.5	0	0.5	0
0100-0200	1	1	1	0	1	1	0	0	0	0
0200-0300	1	1	1	0	1	1	0	0	0	0
0300-0400	1	1	1	0	1	1	0	0	0	0
0400-0500	1	1	1	0	1	1	0	0	0	0
0500-0600	1	1	1	0	1	1	0	0	0	0
0600-0700	1	1	0	0	1	1	0	0	0	0
0700-0800	1	1	0	0	1	1	0	0	0	0
0800-0900	1	1	0	0	1	1	0.5	0	0.5	0
0900-1000	1	1	0	0	1	1	1	0	1	0
1000-1100	1	0	0	0	0	0	1	0	1	0
1100-1200	1	0	0	0	0	0	1	0	1	0
1200-1300	1	0	0	0	0	0	1	0	1	0
1300-1400	1	0	0	0	0	0	1	0	1	0
1400-1500	1	0	0	0	0	0	1	0	1	0
1500-1600	1	0	0	0	0	0	1	0	1	0
1600-1700	1	0	0	0	0	0	0.5	0	0.5	0
1700-1800	1	0	0	0	0	0	0	0	0	0
1800-1900	1	0	0	0	0	0	0	0	0	0
1900-2000	1	0	0	0	0	0	0	0	0	0
2000-2100	1	0	0	0	0	0	1	0	0	0
2100-2200	1	0	0	0	0	0	1	1	0	0
2200-2300	1	0	0	0	1	0	1	1	0	0
2300-0000	1	0	1	0	1	0	1	1	1	1
Hours per line allocated	24	10	7	0	12	10	12.5	3	9.5	1
Total hours allocated	34		7		22		15.5		10.5	
% of available hours allocated	70.8%		14.6%		45.8%		32.3%		21.9%	
% of time deployable asset in Dawson	41.7%		0.0%		41.7%		12.5%		4.2%	