

ALS Subcommittee

Medic One/EMS Strategic Plan & Levy Reauthorization

Wednesday, April 10, 2024

1:00 PM – 3:00 PM

Seattle Joint Training Facility – Classroom 4

9401 Myers Way South, Seattle

Chair: Keith Scully, Councilmember, City of Shoreline

Agenda

- **Opening Remarks & Introductions** 5 minutes
- **Report From Other Subcommittees** 10 minutes
- **Future Medic Unit Needs** 30 minutes
- **Programs that Fall Outside Allocation** 45 minutes
 - ALS Support of BLS Activities
 - Initial Paramedic Training Support
- **2026-2031 Status Quo Funding** 20 minutes
- **Next Steps/Next Meeting** 10 minutes

Medic One/EMS Levy Planning contact: Helen Chatalas, 206-263-8560;

helen.chatalas@kingcounty.gov;

kingcounty.gov/ems/levy

EMS Advisory Task Force
2026-2031 Medic One/EMS Levy Reauthorization Calendar

2024

JANUARY

S	M	T	W	Th	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
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28	29	30	31			

FEBRUARY

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MARCH

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31						

APRIL

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JUNE

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JULY

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AUGUST

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SEPTEMBER

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OCTOBER

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20	21	22	TF 23	24	25	26
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NOVEMBER

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DECEMBER

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22	23	24	25	26	27	28
29	30	31				

Econ forecasts: 3/1-3/15; 7/14-7/28; 8/16-8/30

3/28/2024

- Task Force
- BLS Subcommittee
- ALS Subcommittee
- Regional Services Subcommittee
- Finance Subcommittee

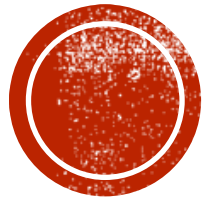
- Tukwila Community Center - 12424 42nd Ave S, Tukwila, WA 98168
- Renton Fire Station 14 - 1900 Lind Ave SW, Renton, WA 98057
- Seattle Joint Training Facility - 9401 Myers Way S, Seattle, WA 98108
- Mercer Island Community Center - 8236 SE 24th Street, Mercer Island,
- Bellevue City Hall - Room 1E-112 - 450 110th Ave NE, Bellevue, WA 98
- 3/27/2024 Bellevue City Hall - Room 1E-112
- 6/6/2024 Bellevue City Hall - Room 1E-112
- 10/3/2024 Need location



ALS WORKING GROUP
**REGIONAL MEDIC UNIT ANALYSIS &
ALS RESPONSES OUTSIDE OF KC &
ADDITIONAL METRICS - OVERVIEW**

AUGUST 23, 2023





REGIONAL MEDIC UNIT ANALYSIS

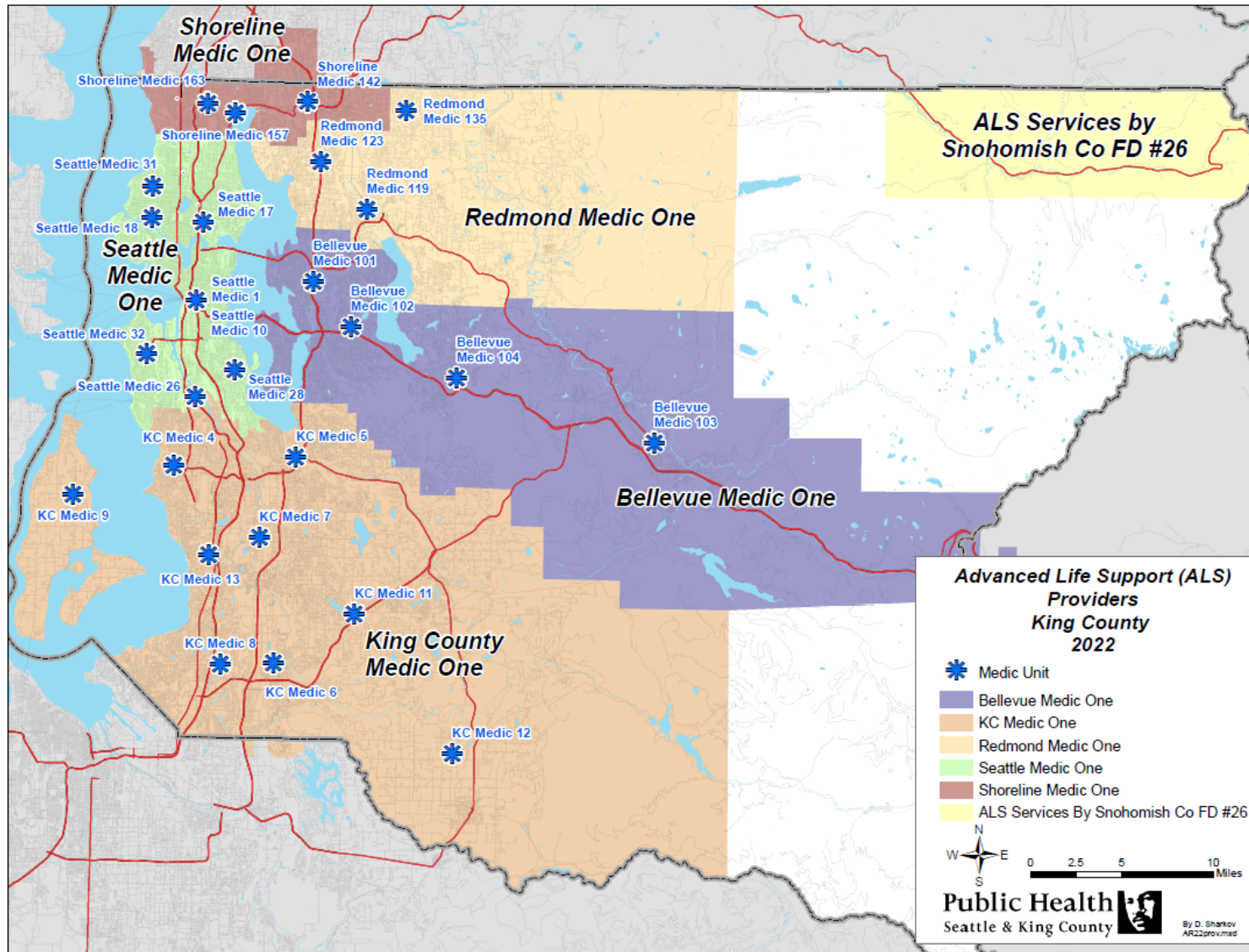
REGIONAL MEDIC UNIT ANALYSIS

OVERVIEW

- Comply with EMS System Policy PHL 9-1 DPH DP 6.1 - annual assessment of EMS system needs
- Review paramedic service trends (outside Seattle) from 2018-2022:
 - Countywide
 - Medic Program
 - Medic Unit
 - ALS response to local service areas outside of King County
- Identify service gaps and assess magnitude of impact to paramedic service
- Recommend any changes to EMSAC (9/20/2023 meeting)

REGIONAL MEDIC UNIT ANALYSIS

OVERVIEW



REGIONAL MEDIC UNIT ANALYSIS

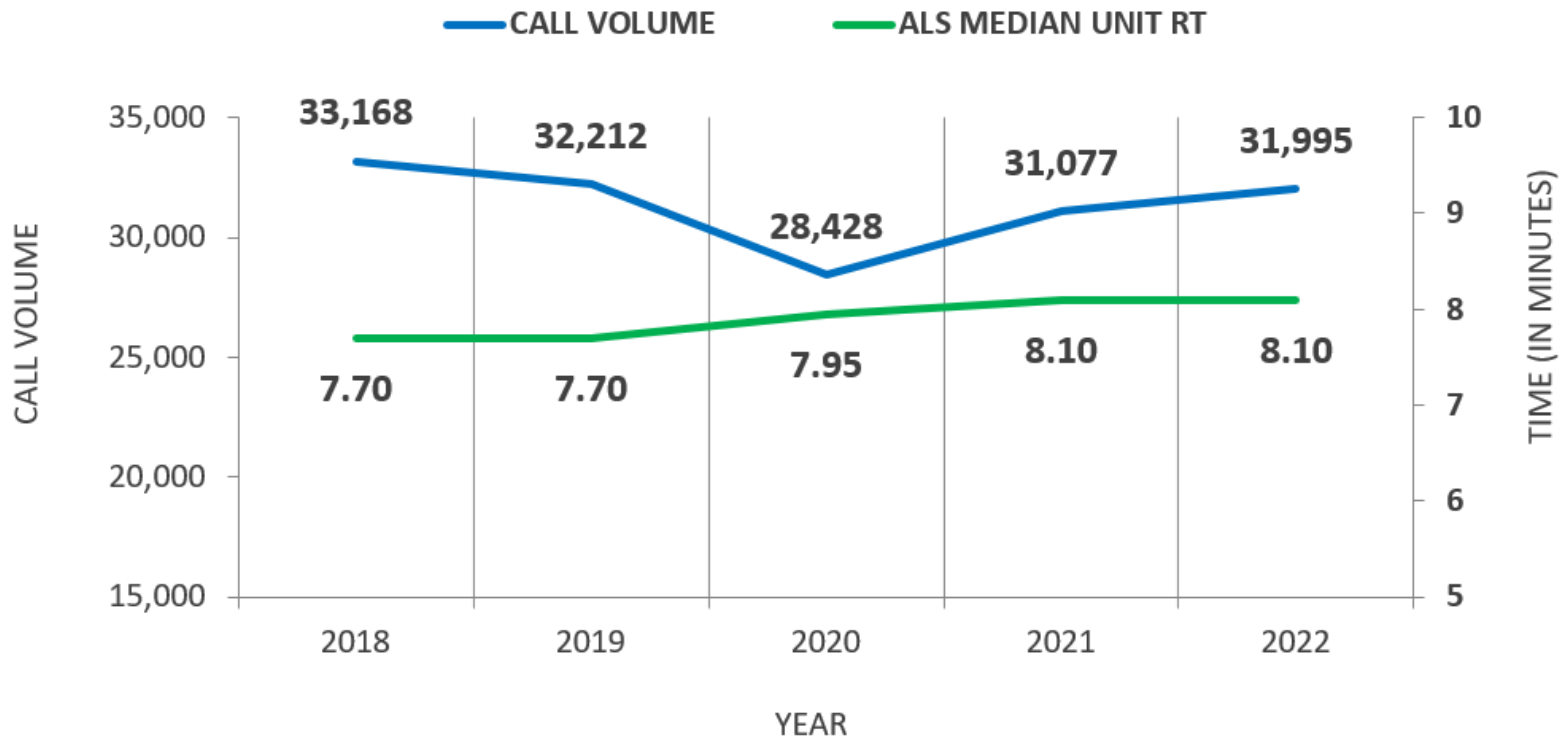
CRITERIA FOR REVIEW

- ❑ **Workload trends - call volume** (1,400 – 2,500 calls per medic unit, with exceptions to outlying areas)
- ❑ **Median unit and call processing response times** (≤ 10 minutes for all calls)
- ❑ **Fractile response time trends** (80% of all ALS calls with response time of 14 minutes or less)
- ❑ **Critical patient exposures and skill trends** (cardiac arrest, intubations, IV/IO placements)

REGIONAL MEDIC UNIT ANALYSIS

CALL VOLUME & UNIT RESPONSE TIMES

TOTAL CALL VOLUME (PRIMARY UNITS) & MEDIAN UNIT RESPONSE TIME (2018-2022)



Key Findings: ALS primary units respond to approximately 25% (31,500 calls/year on average) of all EMS responses annually. The region's median unit response time meets the standard (≤ 10 minutes for all calls).

REGIONAL MEDIC UNIT ANALYSIS

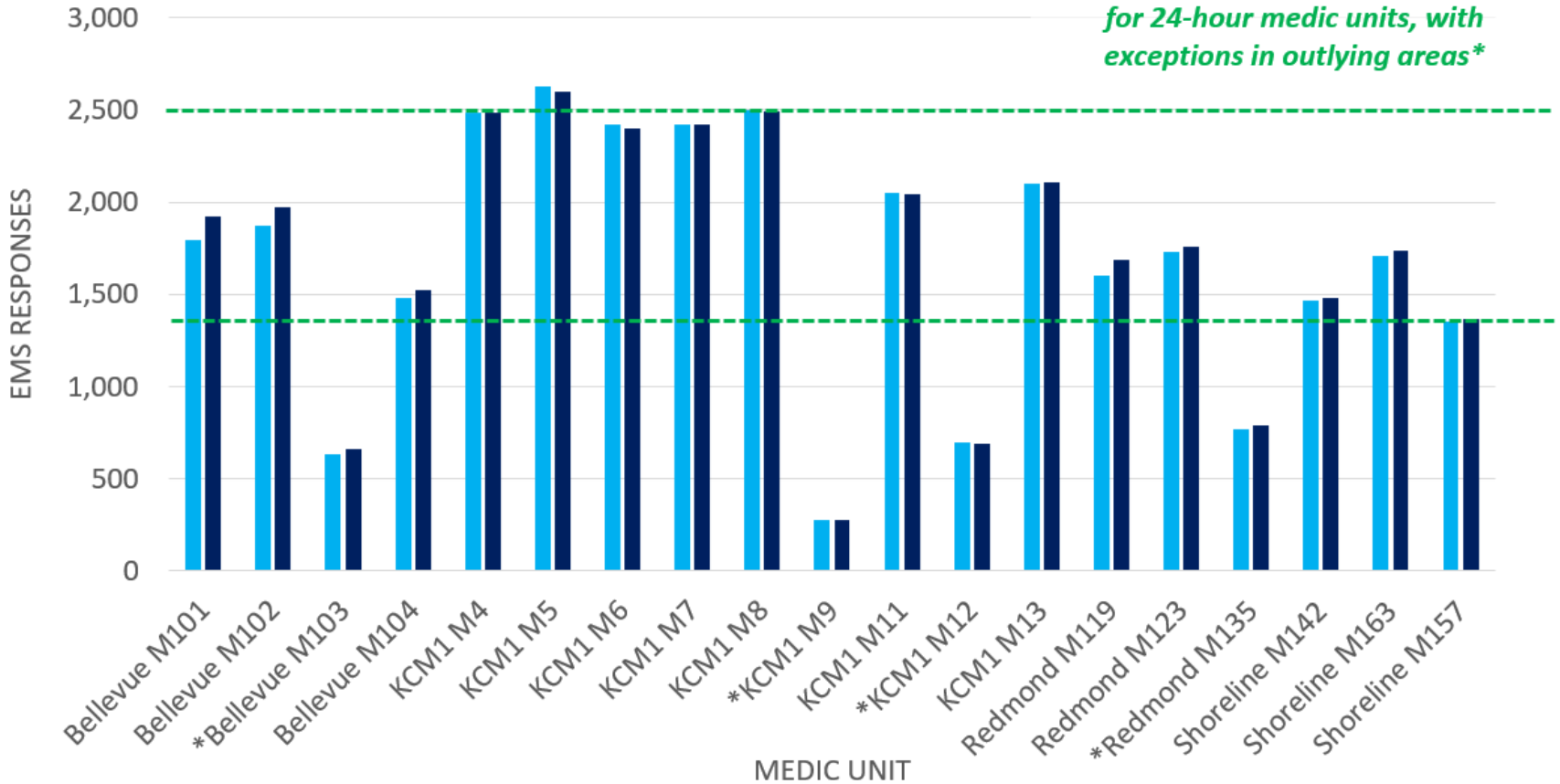
CALL VOLUME BY MEDIC UNIT

2022 CALL VOLUME

RMS CAD

CRITERIA FOR REVIEW:

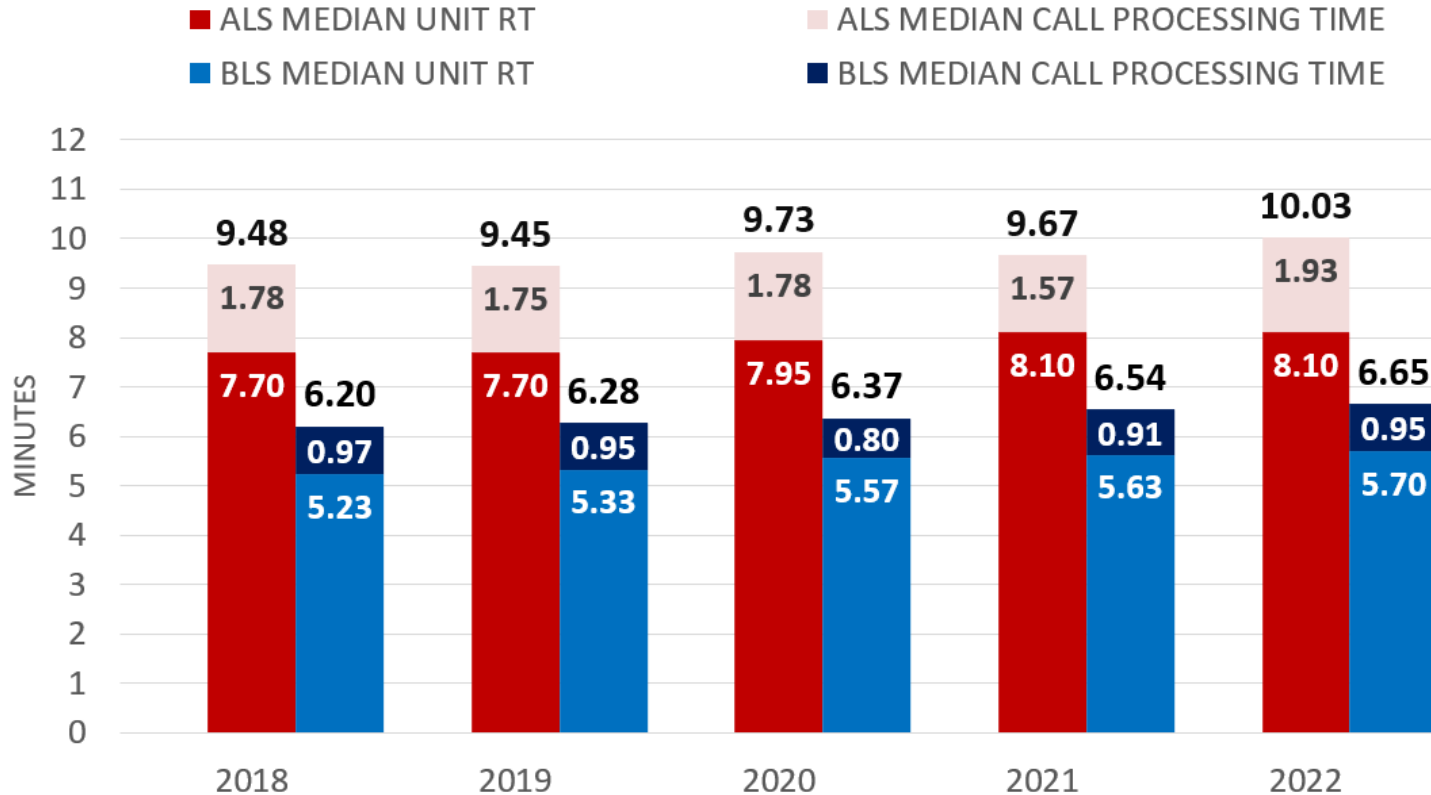
*Standard range of 1,400 to 2,500 calls for 24-hour medic units, with exceptions in outlying areas**



REGIONAL MEDIC UNIT ANALYSIS

MEDIAN UNIT & CALL PROCESSING TIMES

KING COUNTY MEDIAN TIMES (IN MINUTES)



CRITERIA FOR REVIEW

ALS median response time 10 minutes or less

REGIONAL MEDIC UNIT ANALYSIS

FRACTILE RESPONSE TIMES

	2018	2019	2020	2021	2022
RMS	7.70	7.70	7.95	8.10	8.10
CAD	7.78	7.80	8.03	8.16	8.17

Fractiles:

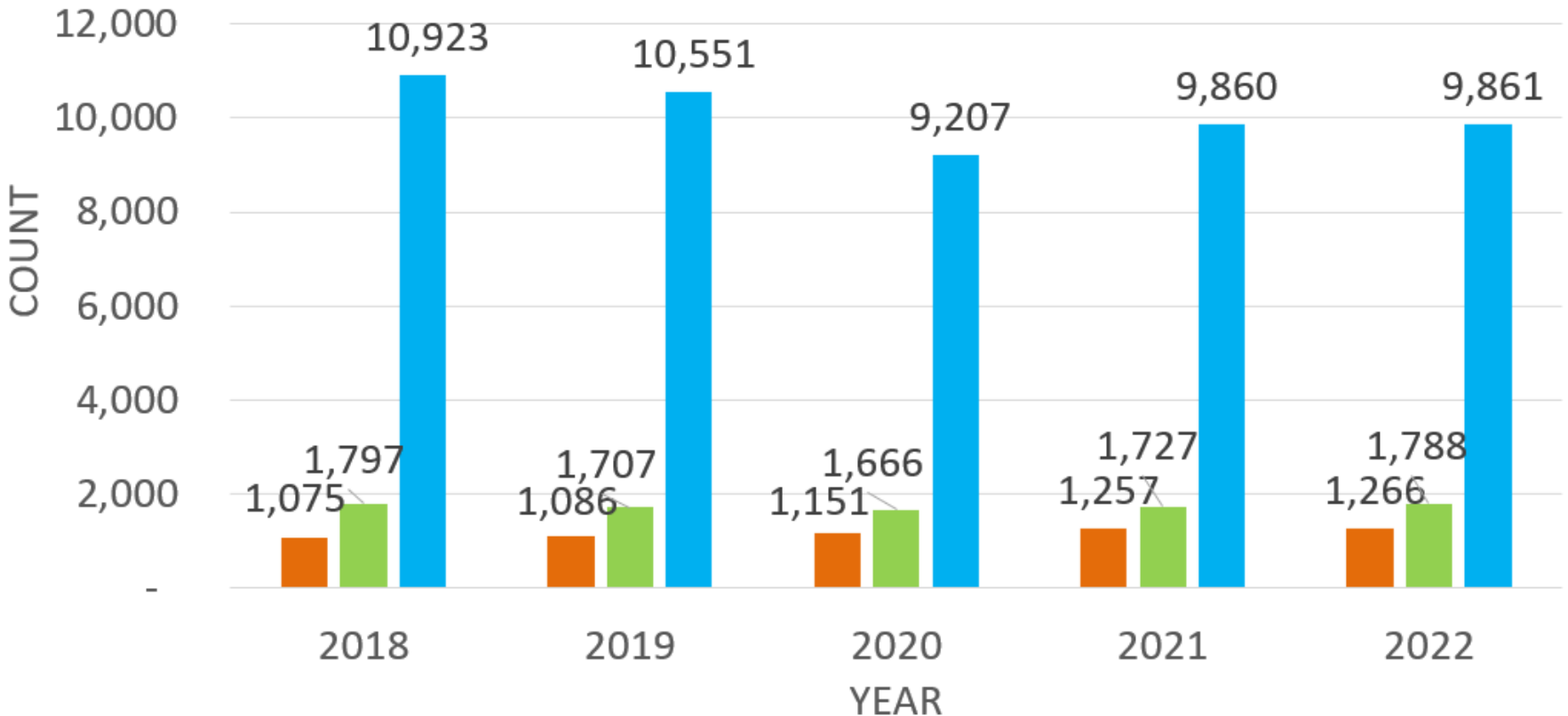
% < 08 min.	54%	52%	50%	48%	48%
% < 10 min.	75%	74%	72%	71%	71%
% < 12 min.	88%	86%	85%	85%	85%
% < 14 min.	93%	92%	91%	91%	91%

Key Findings: The region continues to meet its goal of 80% of all calls within 14 minutes or less.

REGIONAL MEDIC UNIT ANALYSIS

CRITICAL PATIENT EXPOSURES & SKILLS

CARDIAC ARRESTS INTUBATIONS IV/IO PROCEDURES



Key Findings: Across the 5-year period, cardiac arrest incidents and intubations gradually increased. In 2020 and 2021, IV/IO procedures decreased.

REGIONAL MEDIC UNIT ANALYSIS

SUMMARY OF KEY FINDINGS

At a system level:

- ✓ Paramedic service **throughout the region continues to remain stable**
- ✓ Paramedic agency performance is **within established standards**
- ✓ **Based on the review of the data, no new service or unit relocations are necessary at this time**
- ✓ The region should continue its annual review process 2019-2023 data in 2024 to ensure alignment with standards