



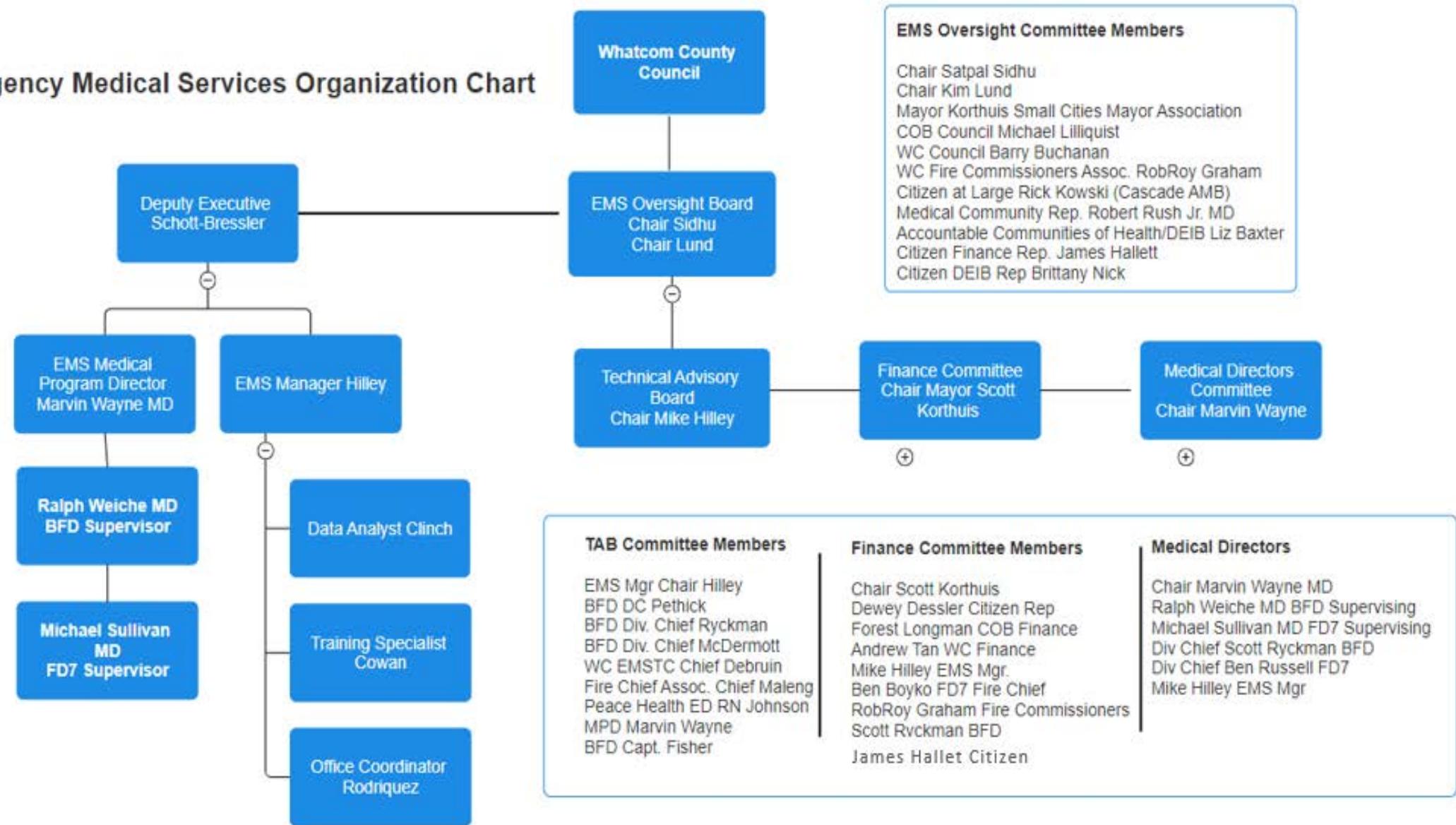
Whatcom County Emergency Medical Services

2024

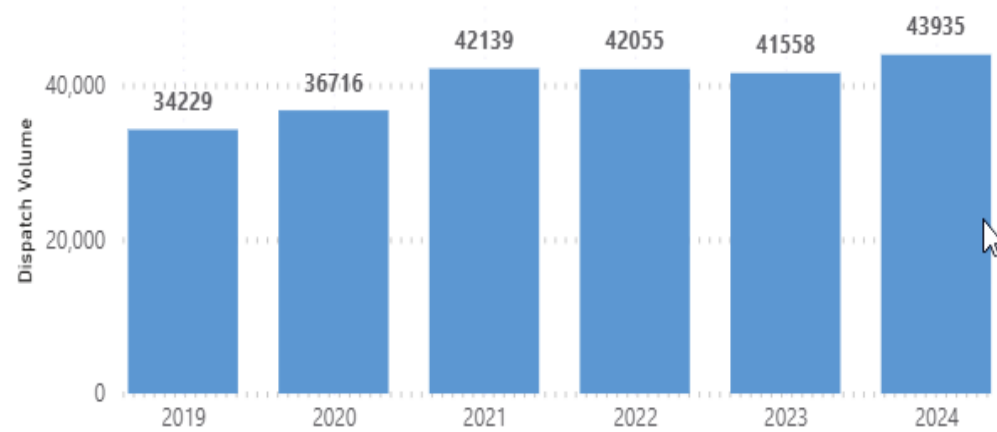
2024 Annual report



Emergency Medical Services Organization Chart



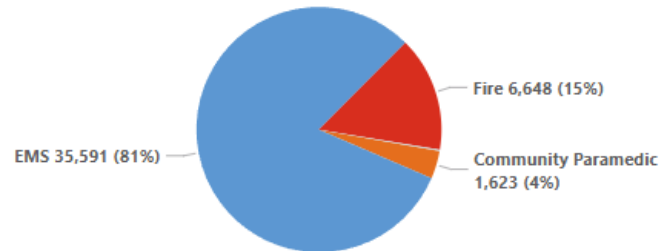
CAD Dispatch Volume



Year over Year Change

YEAR	Dispatch Volume	YOY Change %
2019	34229	41%
2020	36716	7%
2021	42139	13%
2022	42055	-0%
2023	41558	-1%
2024	43935	5%

Dispatch Calls by Type
2024



2024 Total Computer Aided Dispatch Calls = 43935

81% (35,591) Are EMS Dispatches

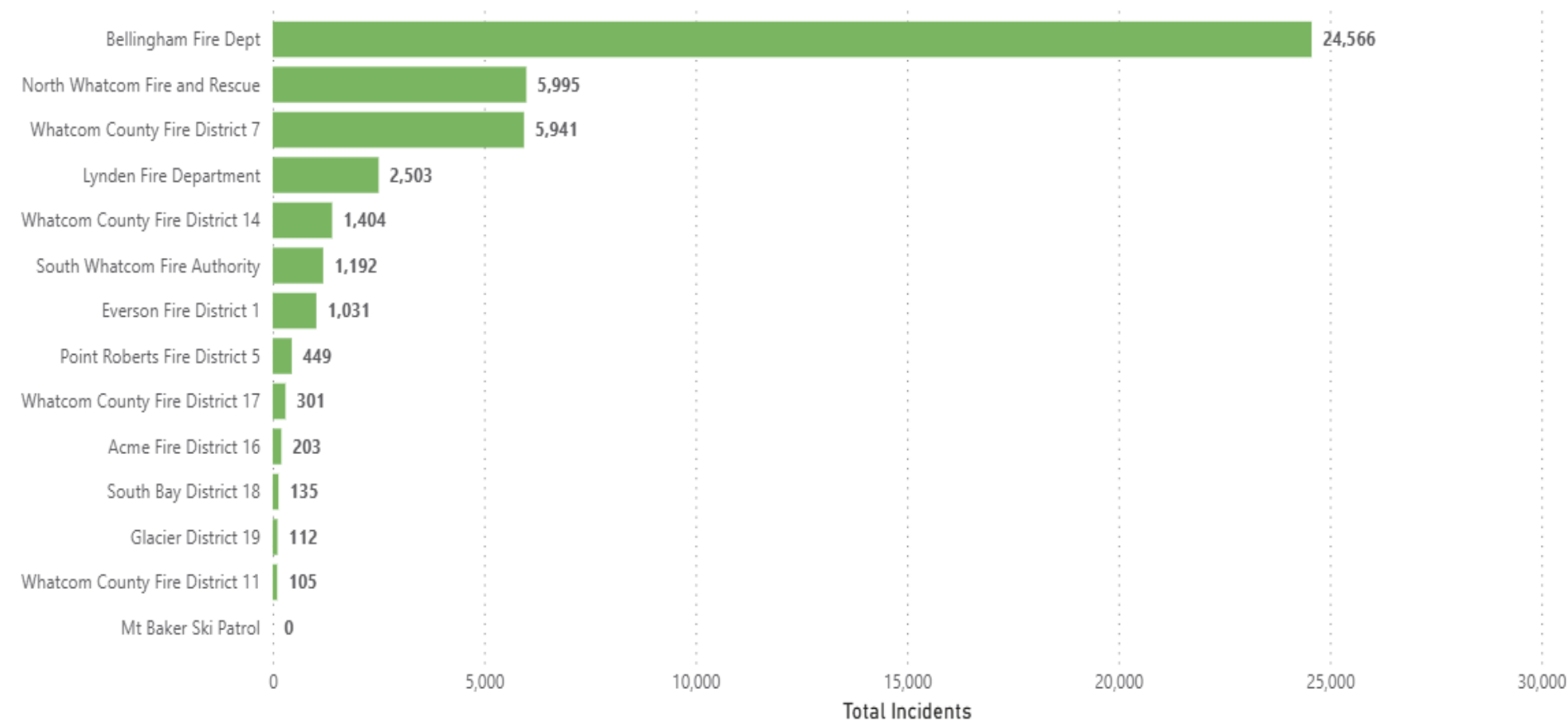
15% (6,648) Are Fire Dispatches

4% (1,623) Are Community Paramedic Calls

Dispatched Calls By District/Department

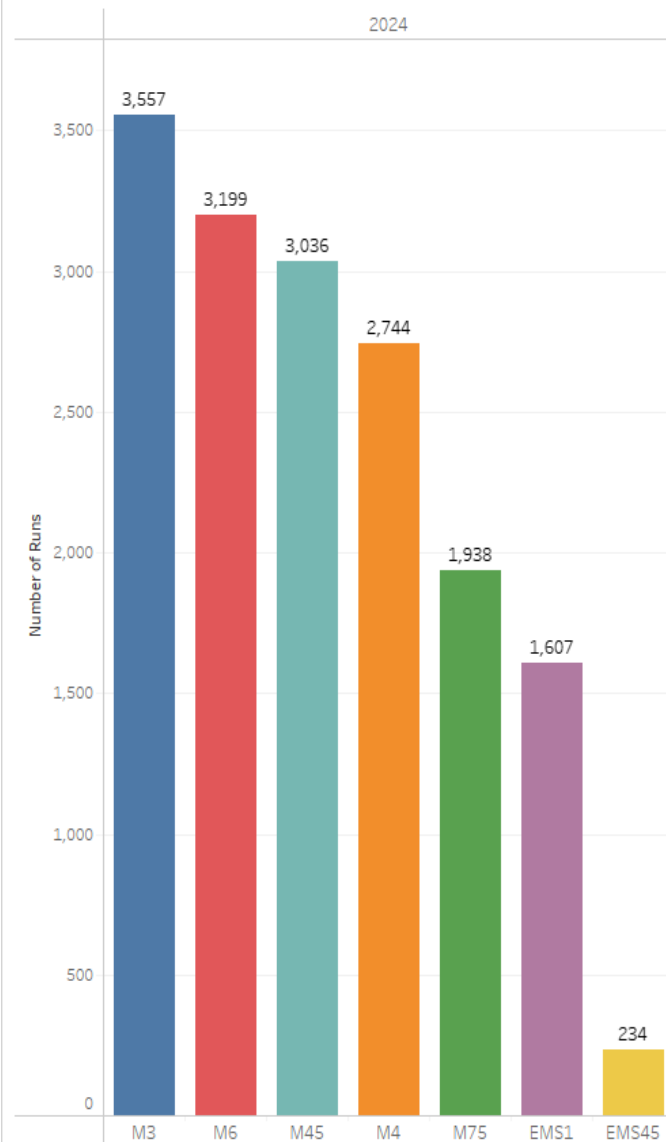
Dispatch Calls by Fire District

Whatcom County EMS - 2024



Medic Unit Volume

Apparatus ID

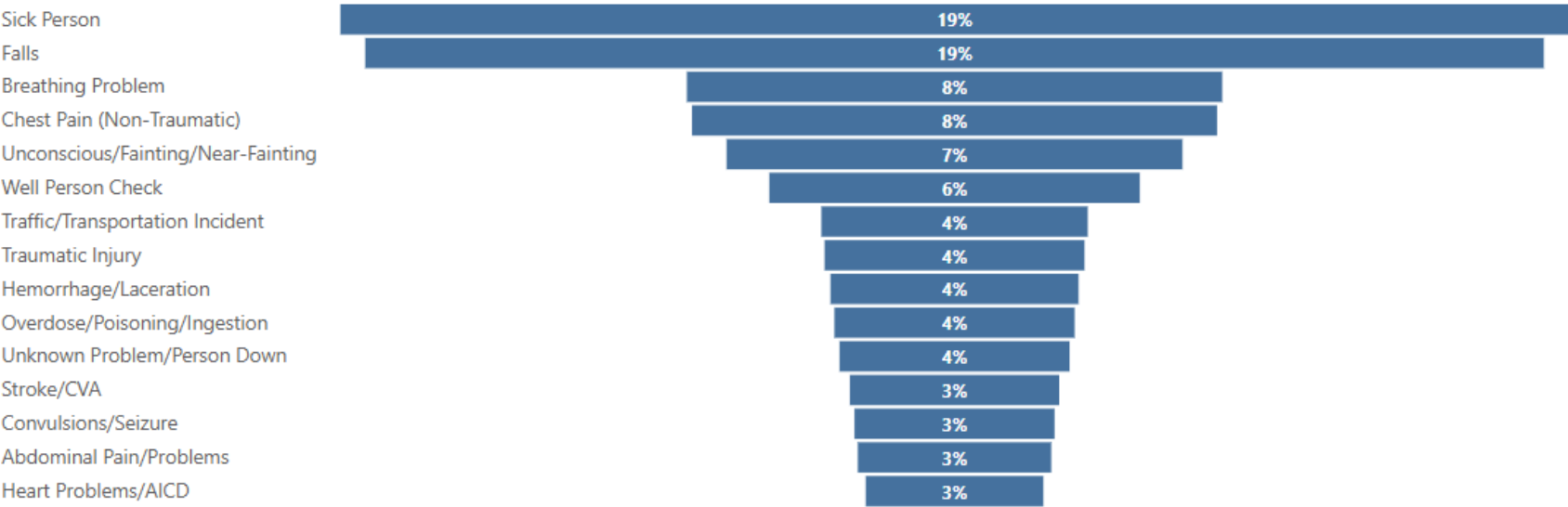


Advanced Life Support (Paramedic Unit) Call Volumes

ALS Responses and Cancelled Enroute rates 2024

	Number of Runs	Cancelled Runs	Cancelled Rate
M3	3,849	681	18%
M4	3,103	829	27%
M6	3,338	714	21%
M45	4,049	1,247	31%
M75	1,980	432	22%

Top 15 EMS Dispatch Complaints - 2024



Patient Disposition - 2024

FULL TRANSPORT DISPOSITION	EMS Incident Count	% of Total
Transported	15,749	56.2%
Non Transport	9,370	33.4%
Disposition Not Identified	2,511	9.0%
DOA without Resuscitation Efforts	252	0.9%
DOA with Resuscitation Efforts	156	0.6%

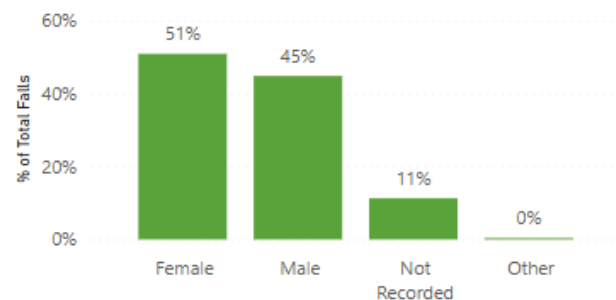


911 Dispatch Responses to Falls - 2024

The primary goal of EMS is to provide immediate medical care to patients. Preventing falls at home, during transport, or while delivering care is essential to ensure patient safety. We want to prevent and avoid injuries that could result from falls.

[Go Back to home page](#)

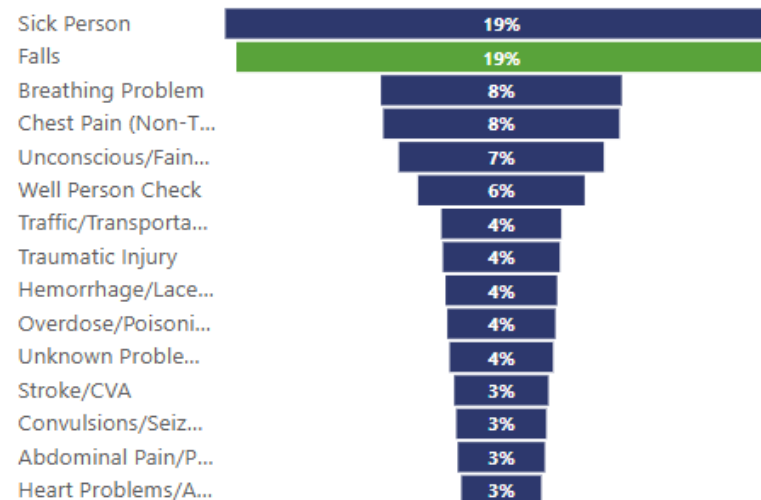
EMS Falls - Gender Profile



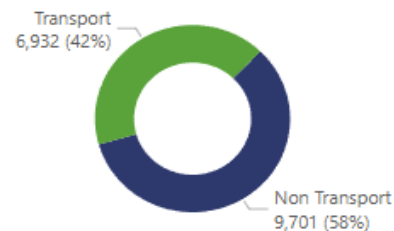
EMS Falls - Age Profile

Age Buckets	Female	Male
<1	0.5%	0.5%
1-9	1.6%	2.1%
10-19	3.8%	4.3%
20-29	7.4%	8.1%
30-39	8.6%	10.4%
40-49	8.3%	9.1%
50-59	9.4%	12.1%
60-69	14.6%	15.9%
70-79	21.6%	17.5%
80-89	17.7%	15.6%
90-99	6.5%	4.5%
> 100	0.1%	0.1%
Not Recorded	0.8%	1.1%

Top 15 EMS Dispatch Complaints



EMS Transport to Hospital Rates for Falls

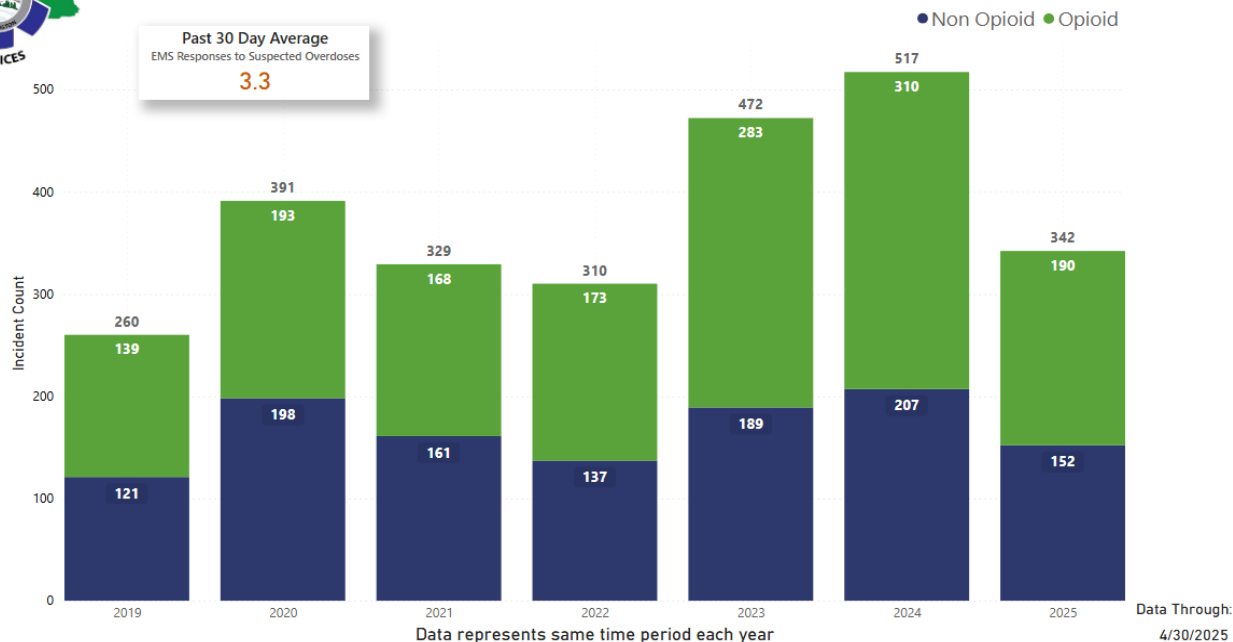


For more information around EMS and Fall Prevention please visit: <https://ncoa.org/article/partnering-with-fire-and-emergency-medical-services-to-prevent-falls>

Data Through:
Tuesday, April 15, 2025

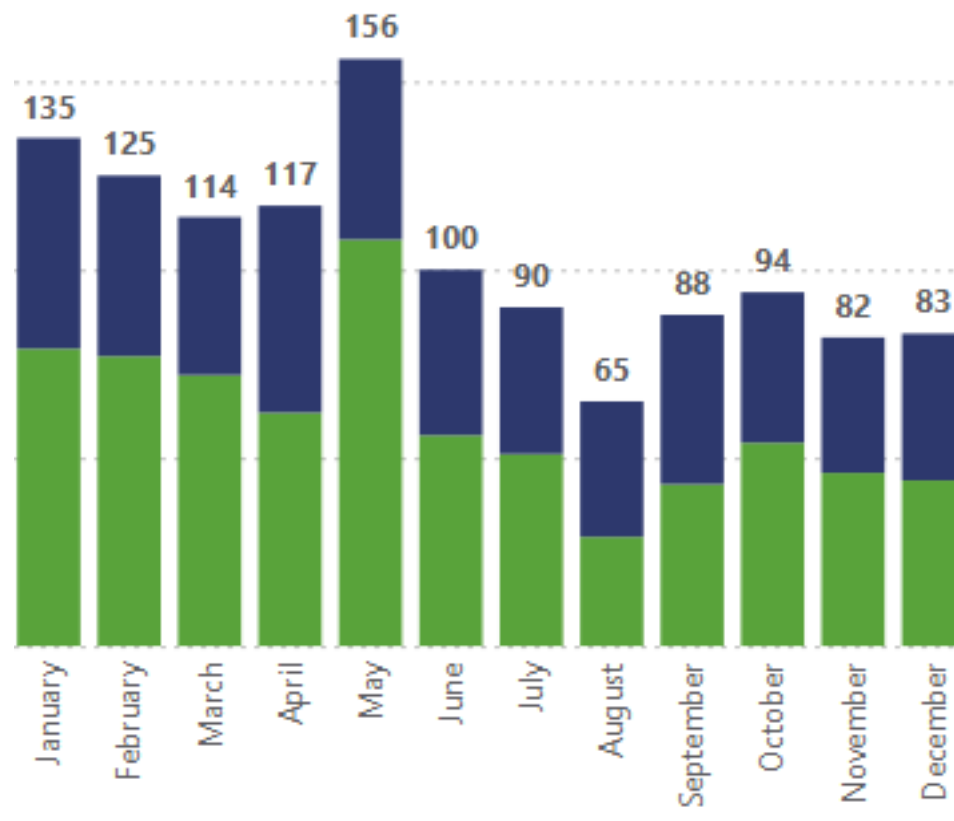


EMS Dispatch Calls for Suspected Overdoses Year over Year



2024 Overdose Responses

Whatcom County **Averages 3.4** Overdose Calls Per Day



Narcan Prior to Arrival (PTA)

Year	Total Suspected Opioid Calls	Calls with Narcan Used	Narcan Given PTA*	PTA %
2020	513	160	70	44%
2021	541	162	77	48%
2022	588	192	85	44%
2023	960	512	331	65%
2024	721	481	320	67%
Total	3323	1507	883	59%

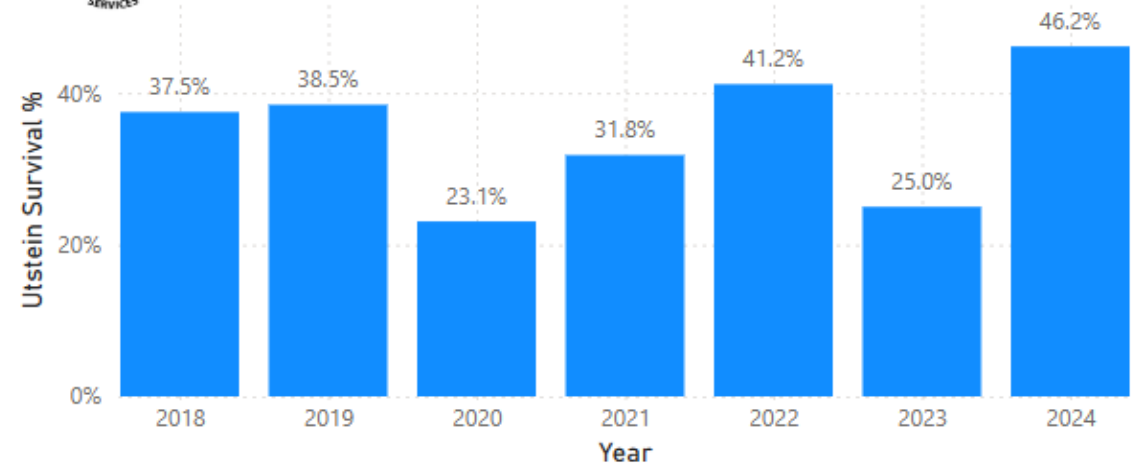
Cardiac Arrest Survival Rates 2024 CARES REPORT

	BFD	FD7	Overall	State
2024 Utsten Survival Report				
Non-Traumatic Etiology Survival Rates				
Overall	16.5% (121)	15.8% (57)	16.3% (178)	14.1% (5188)
Bystander Wit'd	15.8% (57)	27.3% (22)	19.0% (79)	22.3% (1925)
Unwitnessed	13.8% (58)	0.0% (28)	9.3% (86)	5.4% (2687)
Utstein 1	50.0% (18)	37.5% (8)	46.2% (26)	40.8% (640)
Utstein Bystander 2	58.3% (12)	50.0% (6)	55.6% (18)	43.5% (441)
Bystander CPR Rates				
CPR	54.5% (110)	58.0% (50)	55.6% (160)	53.6% (4132)
Public AED Use	16.7% (30)	11.1% (9)	15.4% (39)	13.0% (795)

While Whatcom County compares above the national average, the goal is to always improve. Whatcom County reports and is part of the Washington Cardiac Arrest Registry to Enhance Survival. (CARES).



Utstein1 Survival
CARES Summary - Whatcom County EMS



Finance ---- 2025 to 2026 Projected Revenues

COUNTYWIDE EMERGENCY MEDICAL SERVICES FUND as of 5/8/25									
# of units	4	5	5	5	Most Recent Month Close to Report				
	Actual	Actual	Actual	Budget	Progress	Actual	Budgeted	Progress	Budgeted
	<u>2022</u>	<u>2023</u>	<u>12/31/2024</u>	<u>2024</u>	<u>as</u>	<u>3/31/2025</u>	<u>2025</u>	<u>as</u>	<u>2026</u>
					<u>Percentage</u>			<u>Percentage</u>	
Beginning Fund Balance	22,471,945	15,158,524	14,463,349	14,463,349		15,959,368	15,959,368		13,822,005
Property Tax	8,572,772	13,154,220	13,428,891	13,472,783	100%	263,703	13,472,462	2%	13,556,269
Sales Tax Revenue	4,052,561	4,433,598	4,224,435	4,510,456	94%	608,032	4,413,297	14%	4,589,829
Misc Income	(319,717)	1,256,828	736,404	280,000	263%	20,419	430,000	5%	330,000
Emergency Medical Service Fees	1,728,126	1,941,804	1,913,378	2,000,000	96%	373,736	2,300,000	16%	2,300,000
GEMT Payment	1,903,460	775,807	4,291,855	2,300,000	187%	235,030	1,900,000	12%	1,900,000
SAMHSA Grant	-	82,656	52,307	53,413	98%	-	-	0%	-
Total Revenues	15,937,200	21,644,914	24,647,271	22,616,652	109%	1,500,919	22,515,759	7%	22,676,098

Ambulance Transport Fees

2016 to 2025 History of Increases Using CPI-W

ALS Base Rate	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ALS Non-Emergency	\$ 750	\$ 766	\$ 789	\$ 813	\$ 831	\$ 849	\$ 904	\$ 984	\$ 1,031	\$1,063
ALS Mileage	\$ 750	\$ 766	\$ 789	\$ 813	\$ 831	\$ 849	\$ 904	\$ 984	\$ 1,031	\$1,063
ALS2 Base Rate	\$ 15	\$ 15	\$ 15	\$ 15	\$ 16	\$ 16	\$ 17	\$ 19	\$ 20	\$20
	\$ 950	\$ 970	\$ 999	\$ 1,030	\$ 1,053	\$ 1,075	\$ 1,145	\$ 1,247	\$ 1,306	\$1,347
BLS Base Rate										\$0
BLS Non-Emergency Base Rate	\$ 602	\$ 615	\$ 633	\$ 653	\$ 667	\$ 681	\$ 725	\$ 790	\$ 828	\$853
BLS Mileage	\$ 550	\$ 562	\$ 578	\$ 596	\$ 609	\$ 622	\$ 663	\$ 722	\$ 756	\$780
Treat No Transport	\$ 15	\$ 15	\$ 15	\$ 15	\$ 16	\$ 16	\$ 17	\$ 19	\$ 20	\$20
	\$ 250	\$ 255	\$ 263	\$ 271	\$ 277	\$ 283	\$ 301	\$ 328	\$ 344	\$354
Annual CPI Adjustment	8/2016 CPI 2.1	10/2017 CPI 3.0	10/2018 CPI 3.1	10/2019 CPI 2.2	10/2020 CPI 2.1	10/2021 CPI 6.5	10/2022 CPI 8.9	10/2023 CPI 4.8	8/2024 CPI 3.1	

EMS Levy Actuals 2024 (Revenues) and EMS Levy Projected Funds 2023 to 2029 (Expenditures)

COUNTYWIDE EMERGENCY MEDICAL SERVICES FUND as of 5/8/25											
# of units	4	5	5	5			5		5	5	5
	Actual	Actual	Actual	Budget	Progress	Actual	Budgeted	Progress	Budgeted	Projected	Projected
	2022	2023	12/31/2024	2024	as	3/31/2025	2025	as	2026	2027	2028
					Percentage			Percentage			
Payments											
EMS Administration Services	(341,601)	(436,110)	(469,775)	(473,312)	99%	(82,314)	(518,915)	16%	(515,007)		
SW maintenance	(182,794)	(214,324)	(237,581)	(243,950)	97%	(203,734)	(260,900)	78%	(273,900)		
MPD & Pymnts for Other Services	(92,835)	(120,032)	(142,618)	(151,600)	94%	(18,589)	(215,000)	9%	(220,000)		
Payments to COB Units	(7,585,669)	(11,270,148)	#####	(10,855,136)	100%	(1,899,761)	#####	17%	#####		
Payments to COB EMS 1			(1,054,869)	(1,054,869)	100%	(184,954)	(1,109,722)	17%	(1,165,208)		
Payments to FD7 Units	(2,219,428)	(2,573,723)	(2,708,784)	(2,708,784)	100%	(237,470)	(2,864,641)	8%	(3,007,123)		
Payments to FD7 Captain	-	-	(296,654)	(263,717)	112%	(46,238)	(554,861)	8%	(582,604)		
What-Comm Dispatch	(2,155,075)	(2,635,146)	(2,775,734)	(2,769,728)	100%	-	(2,843,998)	0%	(2,986,198)		
Admin & Current Expense Allocations	(119,338)	(221,796)	(230,668)	(230,668)	100%	-	(458,972)	0%	(465,847)		
Other Costs:											
Training Coordinator & Costs	(186,228)	(180,165)	(162,943)	(187,703)	87%	(25,517)	(191,796)	13%	(192,057)		
Paramedic Class Training and Laterals - COB/FD7	(1,862,392)	(1,642,218)	(1,198,166)	(1,789,992)	67%	(135,962)	(1,212,174)	11%	(1,212,174)		
Community Paramedic - COB			(455,180)	(455,180)	100%	(164,986)	(478,849)	34%	(502,792)		
Community Paramedic - FD7	(514,435)	(624,235)	(217,253)	(217,253)	100%	(19,046)	(228,550)	8%	(239,978)		
Gurneys, Equipment 10 yr lease	(523,636)	(524,127)	(525,878)	(641,181)	82%	(110)	(646,181)	0%	(646,181)		
BLS Distribution	(4,969,129)	(1,537,875)	(1,478,131)	(1,500,000)	99%	-	(1,500,000)	0%	(1,500,000)		
Gurney Lift Kits	(932,060)	(265,314)	-	-	0%	-	-	0%	-		
5th Unit Implementation	(1,566,000)	(12,720)	(259,263)	(250,090)	104%	-	-	0%	-		
SAMHSA Grant	-	(82,156)	(52,281)	(53,413)	98%	-	-	0%	-		
PPE for COB/FD7	-	-	-	-	0%	-	(170,000)	0%	-		
Total Expenditures	(23,250,621)	(22,340,089)	#####	(23,846,576)	97%	(3,018,681)	#####		#####	-	-
Net Revenues/(Expenditures)	(7,313,420)	(695,175)	1,496,020	(1,229,924)		(1,517,762)	(2,137,363)		(2,801,462)	-	-
Ending Fund Balance (EMS)	15,158,524	14,463,349	15,959,368	13,233,425			13,822,005		11,020,543	11,020,543	11,020,543
Reserve Target - 70% of Expenditures:		15,638,062	16,205,876				17,257,185		17,834,292	-	-
Difference Between Ending FB and Target		(1,174,714)	(246,507)				(3,435,180)		(6,813,749)	11,020,543	11,020,543

2025 BLS Allocation for 2024 Service Year

Table A: Budget

Item	Amount	Ratio (Assigned %)
Assessed Value:	\$ 450,000.00	30%
BLS Response Load:	\$ 1,050,000.00	70%
Total:	\$ 1,500,000.00	100%

Table D: Amount Received

Agency Name	Amount \$	% of Total
Acme Fire District 16	\$ 12,300.41	0.8%
Bellingham Fire Dept	\$ 558,279.55	37.2%
District 4	\$ 53,453.75	3.6%
District 8	\$ 57,701.58	3.8%
Everson Fire District 1	\$ 61,435.98	4.1%
Glacier District 19	\$ 6,130.48	0.4%
Lynden Fire Department	\$ 109,190.89	7.3%
North Whatcom Fire and Rescue	\$ 231,408.63	15.4%
Point Roberts Fire District 5		0.00%
South Bay District 18	\$ 10,100.92	0.7%
South Whatcom Fire Authority	\$ 84,916.55	5.7%
Whatcom County Fire District 11	\$ 8,996.02	0.6%
Whatcom County Fire District 14	\$ 93,160.67	6.2%
Whatcom County Fire District 17	\$ 17,622.51	1.2%
Whatcom County Fire District 7	\$ 195,302.05	13.0%
Total:	\$ 1,500,000.00	100%

Includes all 300 series and 611 Call Type only

Excludes All Apparatus except Aid Cars (example BAT, IA excluded)

Excludes all Mutual Aid Apparatus

Approved by the Fire Chief Committee March, 2025

BASIC LIFE SUPPORT ALLOCATION 2024

The 2024 Basic Life Support amounts for each agency are displayed in this chart. The allocation supports qualified EMS expenditures for agencies that helps offset costs related to EMS operations, training and equipment. The allocation provides an equitable distribution of \$1.5 million each year.



“Working Together for The Future of EMS in Whatcom County”

