

# Whatcom County Emergency Medical Services 2017/18 Report To The Council

**Tyler Schroeder, Director Administrative Services**  
**Tawni Helms, Administrative Assistant**  
**Mike Hilley WCEMS Manager**  
**Marvin Wayne, MD WCEMS MPD**  
**Jeremy Morton, Systems Administrator**



## Whatcom County EMS Funding Work Group RECOMMENDATIONS

*March, 2016*

Prepared and Submitted to:

EMS Oversight Board



## Committees and Sub-Committees

- EMS Trauma Council
- Medical Directors Committee
- Finance Committee
- Paramedic Training Oversight Committee
- Whatcom Fire Chiefs Association
- Whatcom Commissioners Association
- Technical Advisory Committee
- EMS Oversight Board

# WCEMS Levy (2017/2023)

**-Provides 1.8 Million Per Medic Unit (2 Critical Care Paramedics Per Unit)  
Primarily Supports Personnel, Operations/Response**



**-Medic 1 and 2 Station 1 800 Broadway  
(36 Paramedics and 5 EMS1 Captain 's , and 2Community Paramedics)**

**Satellite Station Medic 10 858 E. Smith Rd**

**-Medic 45 Ferndale (FD7) 1886 Grandview  
(13 Paramedics employed by FD7,  
1 Community Paramedic)**



**Community Health Programs  
Countywide Electronic Patient Care Records System  
Prospect Dispatch Fees  
EMS Office Administration  
Countywide Paramedic Training**

## **Basic Life Support Transport Units**

- 12 BLS Transport Units
- Approximately 600 EMT's (Paid/Part-Paid/Volunteer)

# Finance Overview

## FUNDING SOURCES:

29.5 cents per 1000 assessed value (About \$74.00 per year for the \$250K home)

ALS User Fees Base Rate \$813 to \$1030.00 (Depending on level of service)

Sales Tax Revenues

Short Term (Ground Emergency Medical Transport and Accountable Communities of Health)

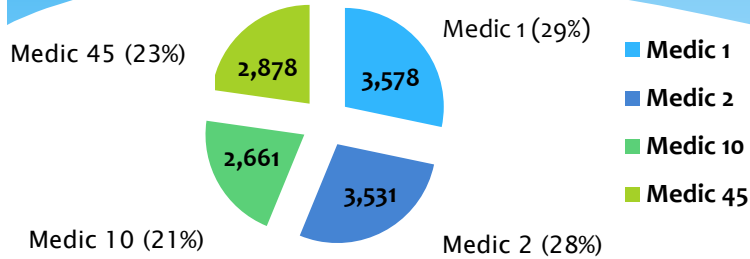
	Plan	Plan	2019 Proposed Amended	2020 Proposed Amended
	2019	2020		
Beginning Fund Balance	5,485,529	6,858,896	7,442,960	10,250,691
Property Tax	7,847,048	7,925,847	8,098,163	8,255,811
Sales Tax Revenue	2,632,737	2,698,556	3,006,101	3,156,405
Prior Period Adjustment-Sales Tax	-	-	-	-
Misc. Income - ACH Grant	-	-	-	100,000
GEMT (retro Medicaid reimb)	-	-	1,000,000	-
AFG paramedic training reimb grant	-	-	566,600	-
Misc Income	5,000	5,000	166,750	166,750
Dispatch Reimbursement	-	-	-	-
Emergency Medical Service Fees	2,300,000	2,300,000	2,000,000	2,000,000
Transfer In from GF	-	-	-	-
EMS Asset Distribution	-	-	-	-
<b>Total Revenues</b>	<b>12,784,783</b>	<b>12,929,403</b>	<b>14,837,614</b>	<b>13,678,966</b>
<b>Total Expenditures</b>	<b>(11,411,416)</b>	<b>(11,409,611)</b>	<b>(12,029,883)</b>	<b>(13,383,879)</b>
<b>Net Revenues/(Expenditures)</b>	<b>1,373,367</b>	<b>1,519,792</b>	<b>2,807,731</b>	<b>295,087</b>
<b>Ending Fund Balance (EMS)</b>	<b>6,858,896</b>	<b>8,378,688</b>	<b>10,250,691</b>	<b>10,545,778</b>

## Finance Work Group:

- Represented by ALS Agencies and Whatcom County Finance Officers
- Will develop Reserves and Capital Purchase Policies.
- Will monitor Levy expenditures and provide recommendations to the TAB and EOB.
- Will lead the finance work group sub-committees for Levy Planning.

# WCEMS Response Characteristics 2018

## ALS Runs By Medic Unit

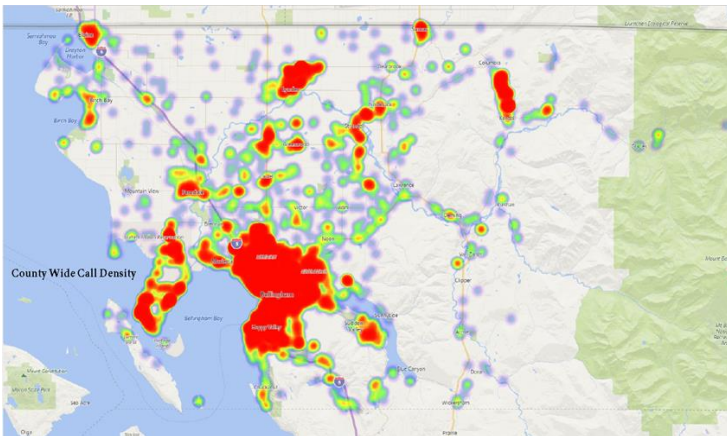


Total ALS Runs 12,648

## 2018 General Call Volume

- Total EMS Incidents	20,257	
- Total ALS Transports	4842 (24%)	10,561 ALS Incidents
- Total BLS Transports	7194 (35%)	9696 BLS Incidents
- Total Transports	12,036	
- Total Non-Transports	8221 (41%)	

## ALS and BLS Density of Calls



## All Fire and EMS Calls June 30 to July 31 (2012 to 2018)

Year	Total Incidents	+/- Previous Year	% Increase
2012/2013	21,127		
2013/2014	22,874	+ 1,747	+ 8.26%
2014/2015	24,500	+ 1,626	+ 7.10%
2015/2016	26,475	+ 1,975	+ 8.06%
2016/2017	27,621	+ 1,146	+ 4.32%
2017/2018	28,479	+ 858	+ 3.01%

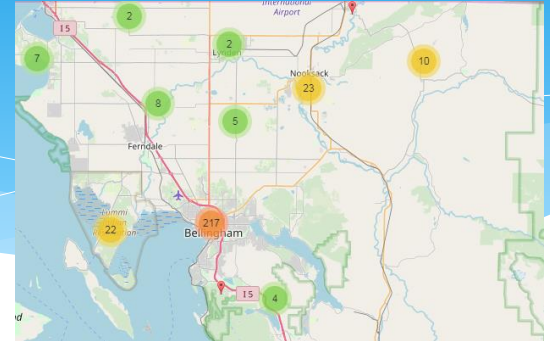
# EMS Data and Information Management



Jeremy Morton (System Administrator)



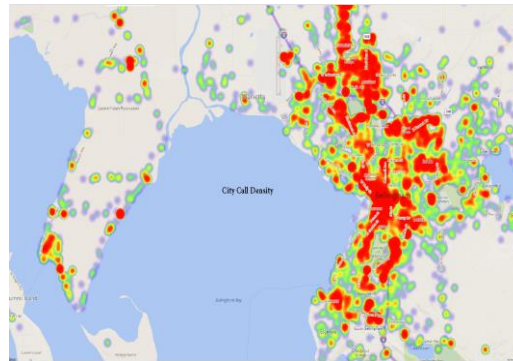
## Narcan Administered Map



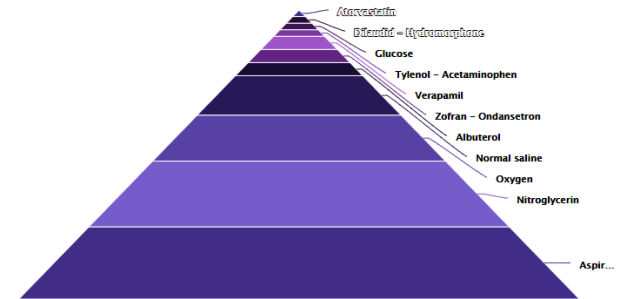
## General Call Volume

Whatcom County EMS 2018 General Call Volume			
Total # of transports	12,036	Total EMS Incidents	20,257
Total # of non-transports	8,221		40.58% of Total
# of ALS transports	4842	Total ALS Incidents	10,561
# of BLS transports	7194	Total BLS Incidents	9696
# of Trauma (or percentage)	2401		16%
# of Medical ( or percentage)	12,265		84%
Patient age distribution			
	449	3.3%	0-14
	7421	54.9%	15-64
	5657	41.8%	65-105
<b>Total</b>	<b>13,527</b>		
# of transports >64 yrs of age (Trauma 597)		Total > 64 All Transports	3321
Primary MOI for patients >64 yrs of age transported. Falls 308 (597 Total Trauma)			51.59% of all MOI

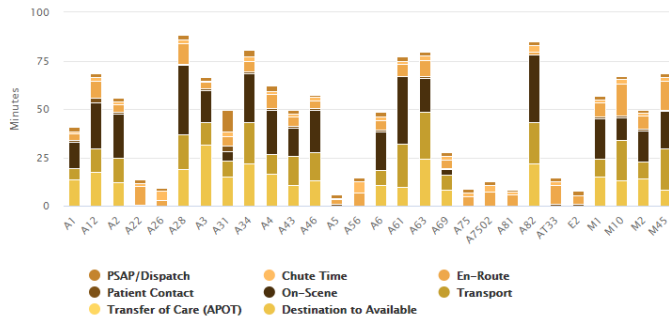
## Density of Calls Bellingham



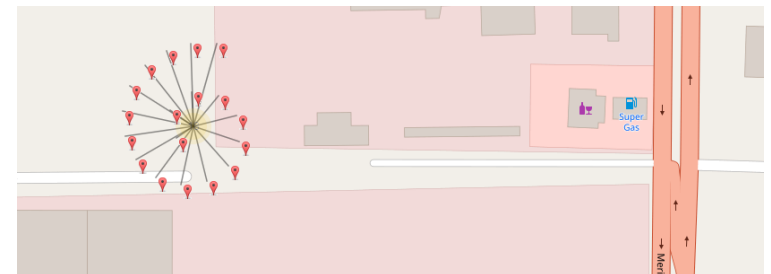
## Medications Administered



## Unit Task Time



## Homeless Camp EMS/CP Calls



# WCEMS Partnered Programs

## Community Health Programs

- Mobile Integrated Health (GRACE & Community Paramedics)
- Fall Prevention and Vulnerable Adults
- CPR/AED and Pulse Point Public Education



## Paramedic Training Program

- BTC and Regional Partnerships
- Bellingham FD and Fire District 7 Preceptor Agencies
- Expanding Labor Pool with Whatcom Fire Districts
- Regional Educational Partnerships

## Opioid Task Force and Prevention

- Narcan/OD surveillance sharing with Health Dept.
- Mandatory Reporting to Lummi Health Dept.
- Future Diversion protocols for EMS and LE
- Greater data collection and evaluation.





# 2019/20 Initiatives

*EMS Administration Roles Continue To Evolve As  
the EMS System Grows.....*

- \* **Levy Planning 2017 to 2023 ( Six Year Levy) For Ballot Year 2022.**
- \* **Paramedic Unit Deployment Project (Fifth Medic Unit Expansion)**
- \* **Paramedic Training Stability and Regionalization**
- \* **Further Develop Systems Performance Dashboards and Health Information Exchanges**



# Survivors

