



# Skagit County EMS

EMS Update April 26, 2016

# **EMS System Updates**

*Individual Agency Updates*

*Delivery Model Advisory Group Update*

*Levy Financial Update*

*ESO System Reporting Demo*

*EMT Class & Senior EMS Instructor Update*

*Narcan Update*

*Dr. Ron Richeson Lifesaver Award Presentation*

*Code Green Campaign*

# Central Valley Agency Update



# Fire District #13 Agency Update





# **GOOD MORNIN' Q** **DISTRICT 13**

**“A Community wellness Check-In Program”**

**Presented By:**

**Skagit County Fire District 13**

**17433 Snee-Oosh Road**



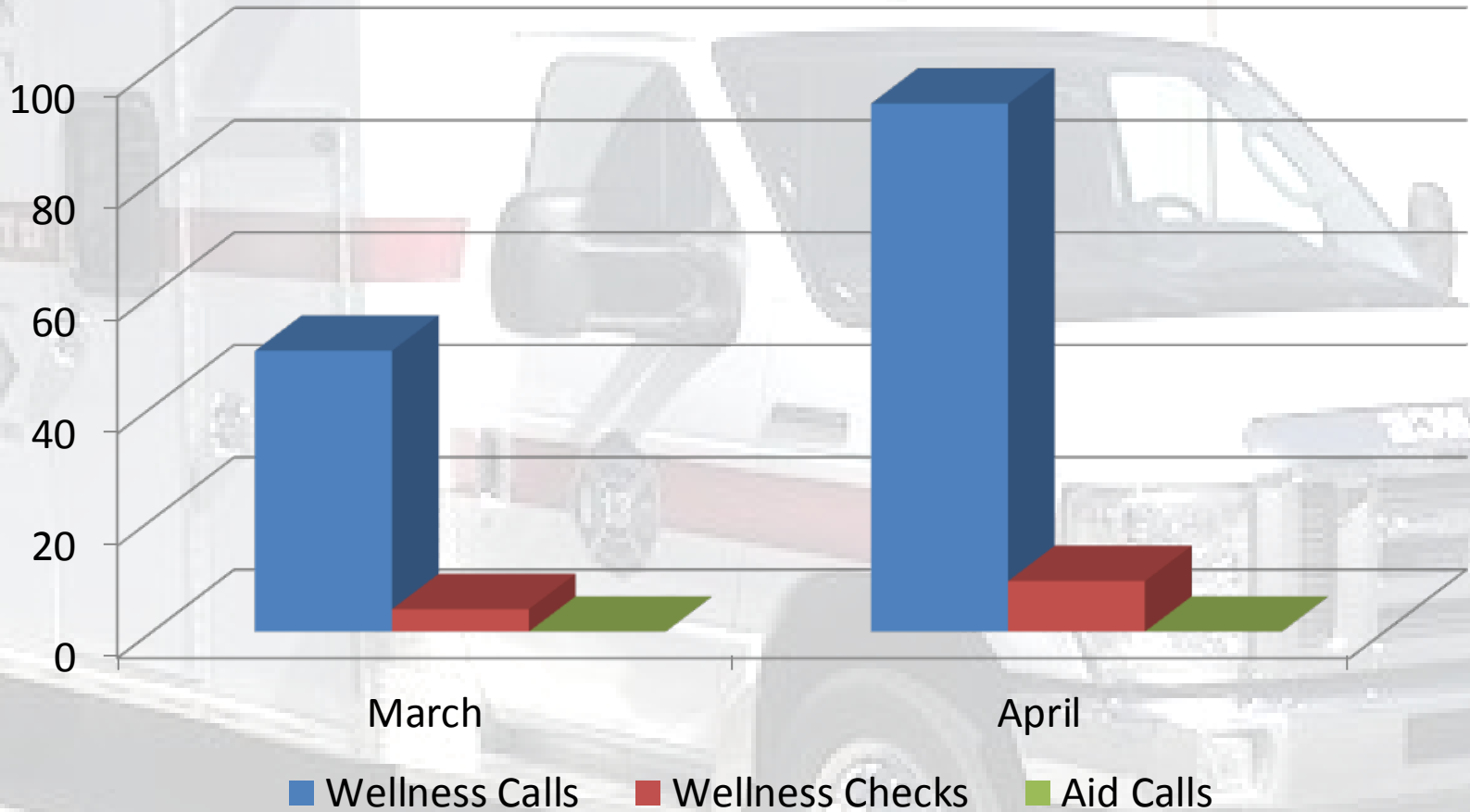
# GOALS

- **Provide quality care and satisfaction**
- **Improve health of our residents**
- **Be their local extended family**
- **Reduce per capita cost of care**

# Wellness Check-In

- **First customer signed February 29**
- **Latest customer signed April 22**
- **Full Time participants 6**
- **Part Time participants 7**
- **Q&A offered at Station 2 – April 2**
- **Q&A offered at Shelter Bay – April 5**

# STATISTICS





# Delivery Model Advisory Group

First Meeting – 4/25/16

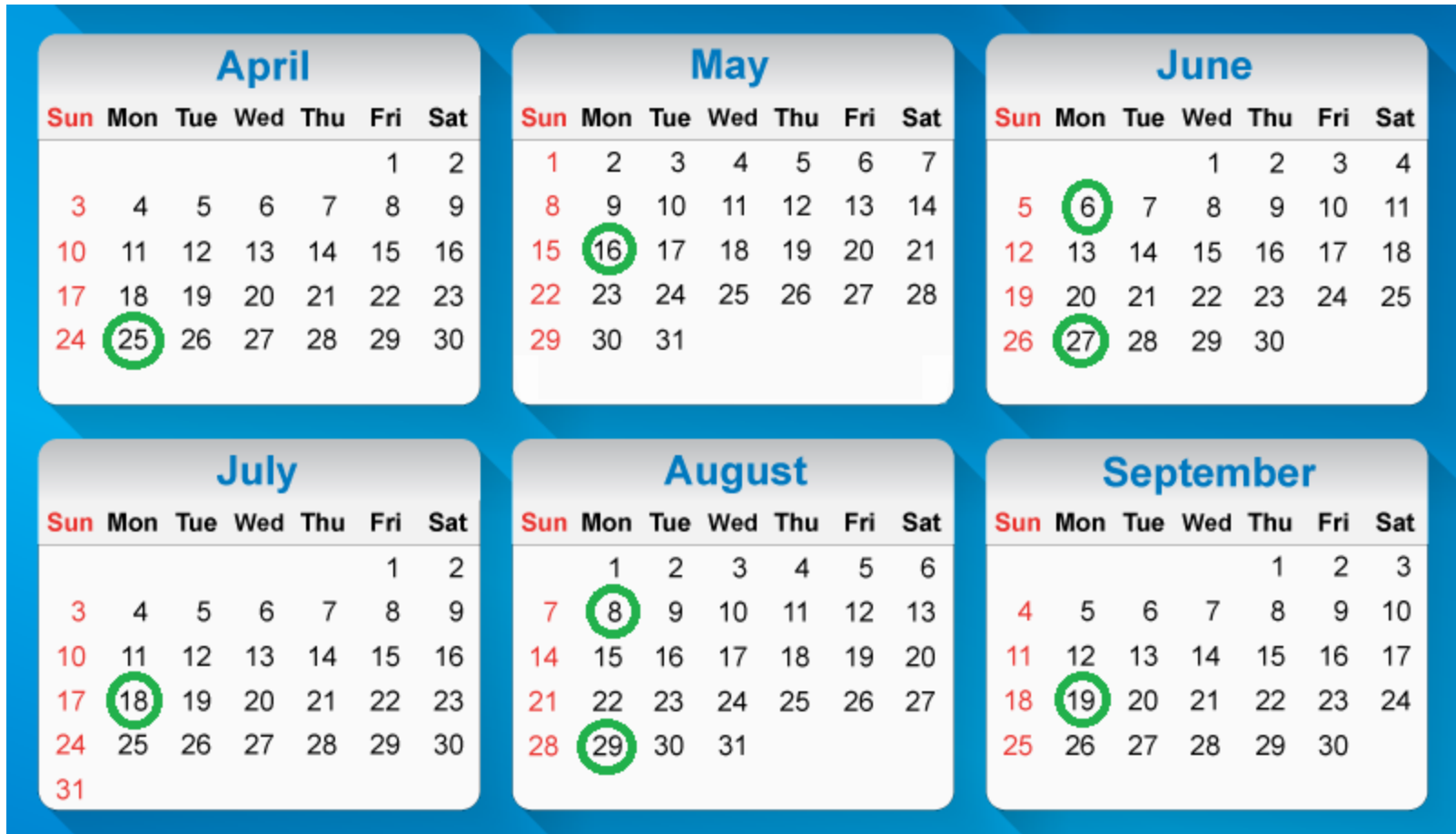
- Reviewed the history of the EMS System in Skagit County
- Approved work plan and ground rules
- Discussed, identified and understand mutual ground rules
- Agreed on issues

Next Meeting – 5/16/16, 9:30 – noon

All agendas, documents and related information can be found online at:

<http://www.skagitcounty.net/Departments/EmergencyMedicalServices/advisorygroup.htm>

# Delivery Model Advisory Group



Circled Mondays, 9:30 – noon

# CALL VOLUME CHANGES SINCE ESCI REPORT

Annual Transports	7/1/11 - 6/30/12				2015			
Agency	BLS	ALS	Total	BLS %	BLS	ALS	Total	BLS %
Aero-Skagit	107	253	360	29.7%	153	160	313	48.9%
Anacortes	291	1304	1595	18.2%	573	1273	1846	31.0%
CVAA	996	4530	5526	18.0%	1795	4816	6611	27.2%
Sedro-Woolley	0	0	0	n/a	39	0	39	100.0%
<b>Total</b>	<b>1394</b>	<b>6087</b>	<b><u>7481</u></b>	<b>18.6%</b>	<b>2560</b>	<b>6249</b>	<b><u>8809</u></b>	<b>29.1%</b>

Total transport volume has increased 17.8%.  
 84.2% of the total increase has been BLS transports.

Source: 7/1/11-6/30/12 data from ESCI report, p. 73, available at <http://inside.skagit.local/EmergencyMedicalServices/Documents/ESCI-Report.pdf>.  
 2015 data from Transport Agency's Level of Service Summary Billing Reports.

# 2013 – 2015 EMS LEVY FUNDING FOR AMBULANCES



\$183,899



\$190,794



\$190,794



\$190,794



\$190,794



\$118,091

One remounted and five new ambulances = \$1,065,166

# 2013 EMS LEVY FUNDING FOR ALS CARDIAC MONITOR / DEFIBRILLATORS



12 ALS Monitors added to the EMS System - \$372,490

# 2013 EMS LEVY FUNDING FOR AUTOMATIC EXTERNAL DEFIBRILLATORS (AEDS)

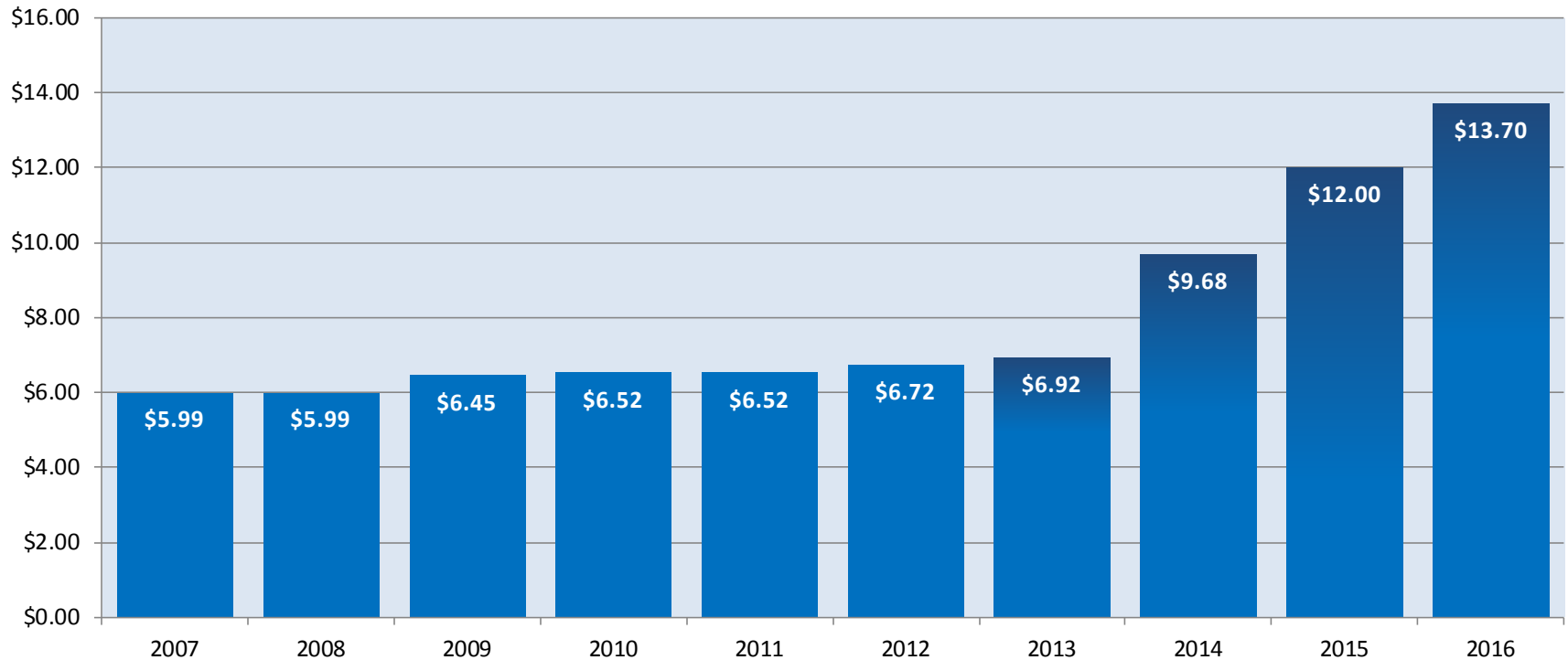


117 AEDs added to the EMS System - \$302,179

11 to ALS providers (\$28,410)

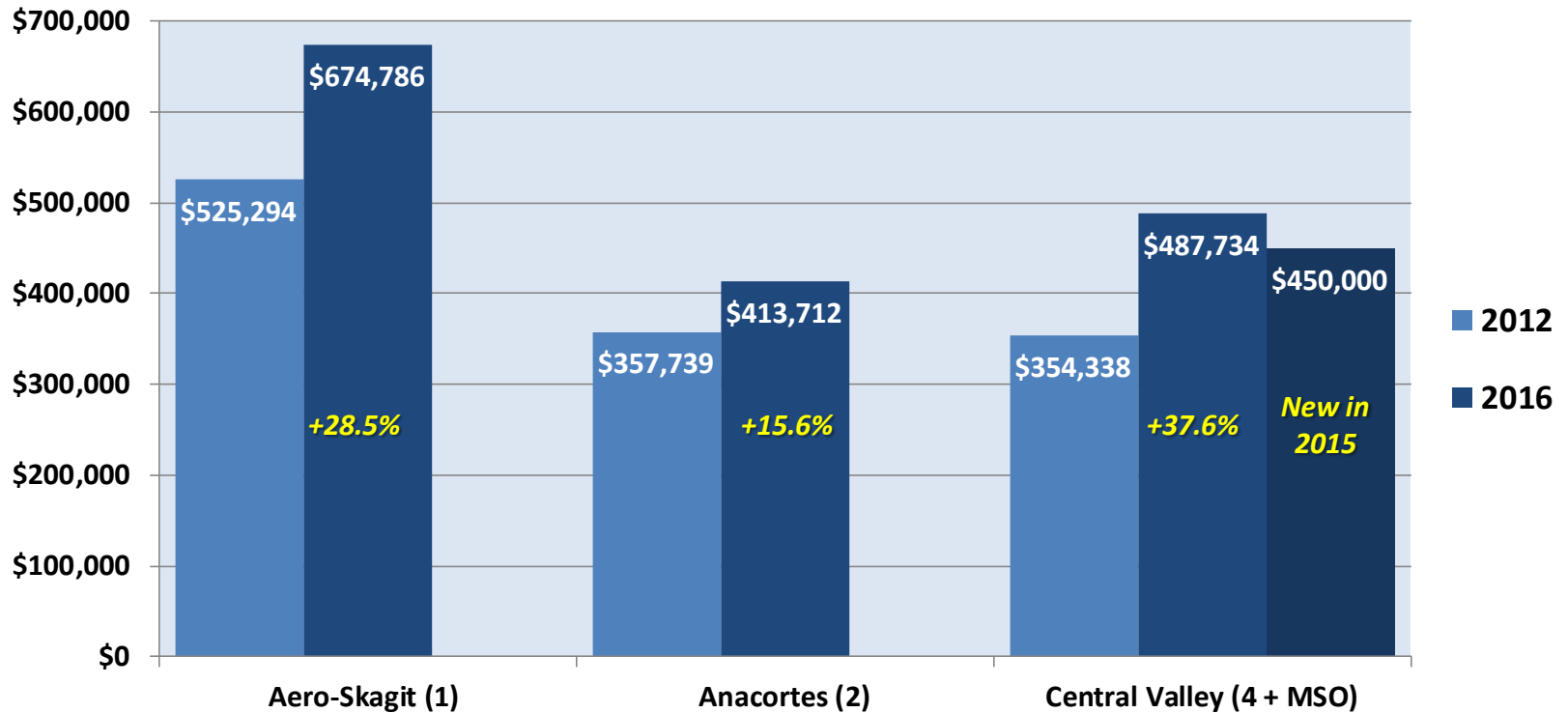
106 to BLS providers (\$273,769)

# 9-1-1 USER FEES PER EMS CALL



Per call fees have increased by 104% in since 2012.

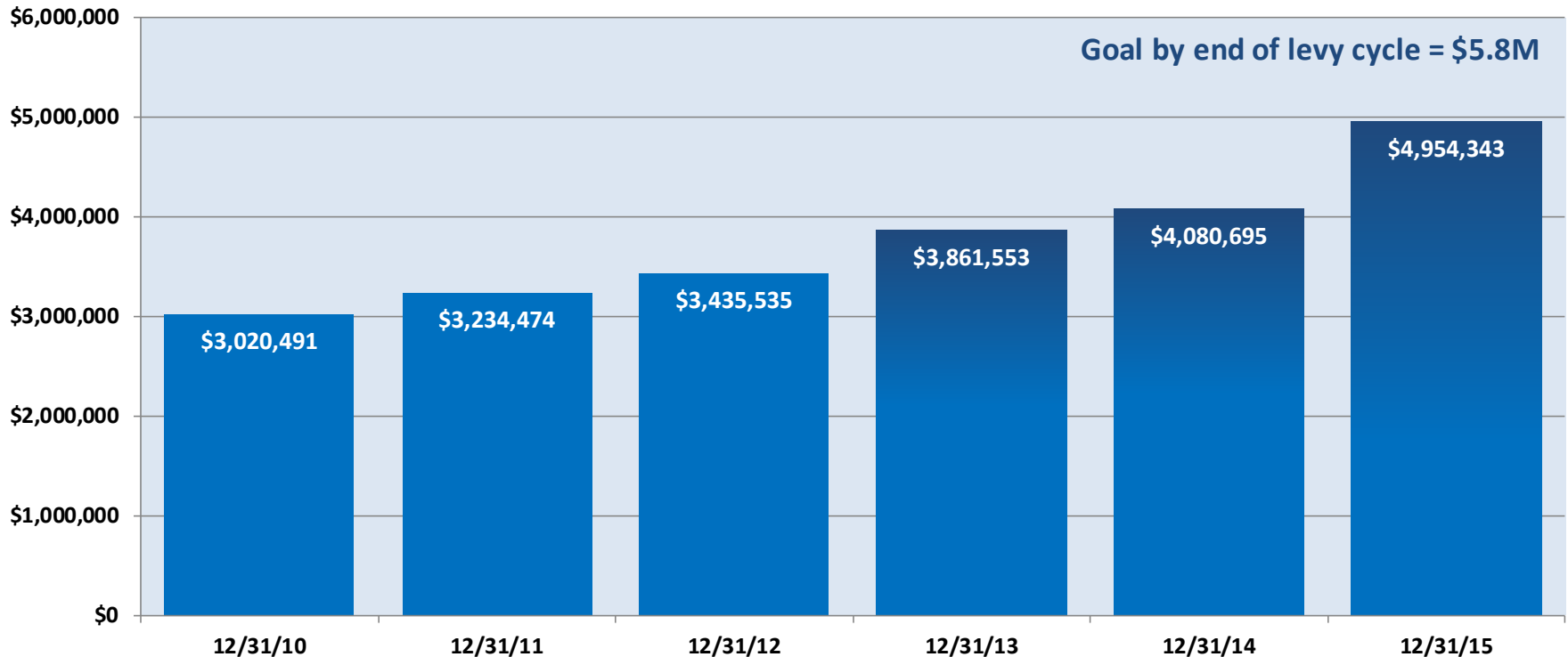
# EMS LEVY FUNDING PER ALS AMBULANCE



**\$1,245,022 (+ 46.8%) annual increase to ALS providers**



# YEAR END EMS LEVY RESERVES



Cash and Investments have increased by 44% since the end of the last levy cycle.

Sources: 2010 – 2014 data from Annual Skagit County Comprehensive Financial Reports, available at <http://inside.skagit.local/Departments/AuditorAccounting/CAFR.htm>. 2015 data from Chief Accountant, Skagit County Auditor’s office.

# SYSTEM REPORTING

< eso ANALYTICS ▾

📌 Average Scene Time For Stroke Patients

Custom ▾ Jan 1, 2016 - Mar 31, 2016

Filters

- Disposition equals "Dead on Scene, Transport, Patient Care Transferred, Personnel Aiding in Transport, Transported Lights/Siren, Transported Lights/Siren, Downgraded, Transported No Lights/Siren, Transported No Lights/Siren, Upgraded"
- Primary Impression equals "Stroke / CVA, Suspected TIA, TIA" or
- Secondary Impression equals "Stroke / CVA, Suspected TIA, TIA" or
- Narrative Treatment Protocol equals "Suspected Stroke"
- Active equals "Active"
- Locked equals "Locked"
- Agency Name equals "Anacortes Fire Department, Aero Skagit Emergency Services, Central Valley Ambulance Authority"

14:48

MM:SS

Average Scene Time

80%

OF PATIENT

ENCOUNTERS

Scene time < 18:00

91

DAYS

In Selected Time

Slice

94

PATIENT

ENCOUNTERS

In Selected Time

Slice



# SYSTEM REPORTING

< eso ANALYTICS ▾

📌 KPI 12 Lead ECG Performance

Custom ▾ Jan 1, 2016 - Mar 31, 2016

Filters  
 Run Type equals "911 Response (Emergency)"  
 Primary Impression equals "Chest Pain / Discomfort" or  
 Secondary Impression equals "Chest Pain / Discomfort"  
 Active equals "Active"  
 Locked equals "Locked"  
 Patient Age (Years) greater than or equal to "35"  
 Agency Name equals "Anacortes Fire Department, Aero Skagit Emergency Services, Central Valley Ambulance Authority"

80%  
 PATIENTS  
 Receiving a 12-Lead  
 ECG

91  
 DAYS  
 In Selected Time  
 Slice

159  
 PATIENTS  
 In Selected Time  
 Slice



# SYSTEM REPORTING

<
eso ANALYTICS
Diabetics - Blood Glucose Check Perform...

Custom Jan 1, 2016 - Mar 31, 2016

**Filters**  
**Primary Impression** equals "Diabetic Hypoglycemia, Diabetic Symptoms" or  
**Secondary Impression** equals "Diabetic Hypoglycemia, Diabetic Symptoms"  
**Active** equals "Active"  
**Locked** equals "Locked"  
**Disposition** equals "Treatment, No Transport, No treatment, No Transport"

**93%**  
 PATIENTS  
 Receiving Blood  
 Glucose Check

**91**  
 DAYS  
 In Selected Time  
 Slice

**44**  
 PATIENTS  
 In Selected Time  
 Slice



# SYSTEM REPORTING

< eso ANALYTICS ▾ Out of Hospital Cardiac Arrest - Bystand...

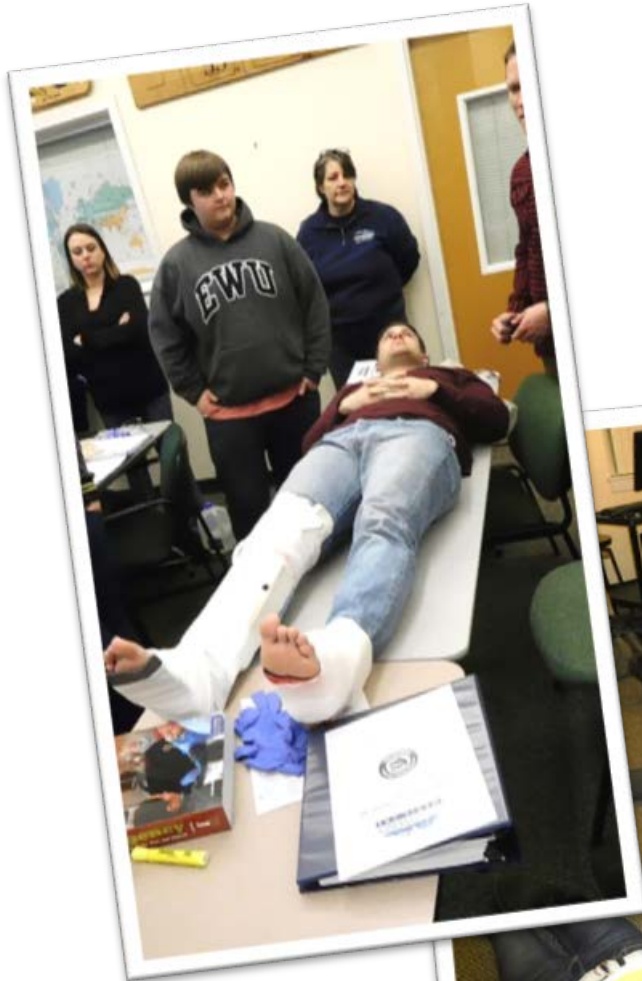
Custom ▾ Jan 1, 2016 - Mar 31, 2016

Filters  
 Primary Impression equals "Cardiac Arrest" or  
 Secondary Impression equals "Cardiac Arrest"  
 Active equals "Active"  
 Locked equals "Locked"  
 Cardiac Arrest equals "Yes, Prior to EMS Arrival"  
 Resuscitation Attempted equals "Yes"  
 Agency Name equals "Aero Skagit Emergency Services, Anacortes Fire Department, Central Valley Ambulance Authority"



# Skagit County EMT Class #59

*“Adapt and Overcome... to save a life”*





# Skagit County EMT Class #59

*"Adapt and Overcome... to save a life"*





# Opioid Overdoses

Narcan is currently administered on average once every 4.5 days in Skagit County by first responders.

Affects all parts of our county.

Not just heroin.

Also includes prescription pain medications.





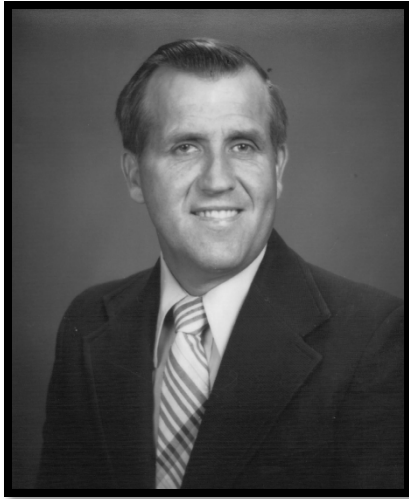
# Intra-Nasal Narcan

Law Enforcement Officers  
Trained & Carrying Kits

2/16/16 = 19 → 4/25/16 = 54



# Dr. Richeson Lifesaver Award



Larry Alvord, FD#3  
Danny Cisneros, FD#3  
Joe Ferris, FD#3  
Julie Heim, FD#3  
Michael Hughes, FD#3  
Harvey Moyer, FD#3  
Brandt Walde, FD#3  
David Walde, FD#3  
Yvonne North, CVAA  
Joel Pratt, CVAA  
Deputy Steiner  
Deputy Caulk





# THE CODE GREEN CAMPAIGN

*We call code strokes, code STEMIs, and code traumas. It is time we called a code alert on our mental health.*

## **About The Code Green Campaign**

The Code Green Campaign, aka Code Green takes its name from combining the color of the mental health awareness ribbon, green, and from the “code alerts” that EMS uses to designate an emergency patient. For example, if someone is having a stroke or heart attack that needs rapid intervention, first responders will tell the hospital the patient is having a “code stroke” or “code STEMI”. The idea is that Code Green is calling a code alert on the mental health of all types of first responders.



# THE CODE GREEN CAMPAIGN

*We call code strokes, code STEMIs, and code traumas. It is time we called a code alert on our mental health.*

## **About The Code Green Campaign**

The campaign has two main goals. Our primary goal is raising awareness of the high rates of mental health issues, substance abuse and suicide among first responders. Our secondary goal is providing education for responders on how to provide care for themselves and recognize issues in their peers.



# THE CODE GREEN CAMPAIGN

*We call code strokes, code STEMIs, and code traumas. It is time we called a code alert on our mental health.*

## **About The Code Green Campaign**

The campaign raises awareness by giving first responders an outlet to tell the story of their mental health issues anonymously, and then republishing those stories so they can be viewed by everyone. This allows us to see what each other have really gone through, and allows those of us who are struggling to understand that we are not alone. It also allows those who do not have first hand experience with mental health issues to see that mental health issues can affect anyone, which will hopefully decrease the stigma.

*Questions?*

# *Thank You!*



## Skagit County EMS

*Next Update to Board of County Commissioners  
at 10:30am on Tuesday, May 17<sup>th</sup>*

For more information on this presentation, or for other Emergency Medical Service questions, please check our website at: [www.skagitcounty.net/EmergencyMedicalServices](http://www.skagitcounty.net/EmergencyMedicalServices). You can also contact Mark Raaka, Director of Emergency Medical Services at 360.416.1836 or [markr@co.skagit.wa.us](mailto:markr@co.skagit.wa.us).

