



Sedgwick County, Kansas



EMS



Patient Focused... Patient Centered... Patient Driven

Monthly Report

September 2014

MISSION:

Sedgwick County EMS is committed to providing quality out-of-hospital healthcare.

VISION:

Sedgwick County will make a measurable improvement in the health of the community.

I am proud to announce that the Commission on Accreditation of Ambulance Services (CAAS) has awarded our department accreditation for outstanding achievement in compliance with national standards and best practices in Emergency Medical Services (EMS).

Sedgwick County EMS is the only CAAS accredited agency in the state of Kansas and joins an elite group of only 159 EMS providers in the United States to successfully complete the voluntary review process, which includes completion of a comprehensive application and on-site review by national experts in EMS.

CAAS is a non-profit organization which was established to encourage and promote Best Practices in America's medical transportation system. Having this prestigious recognition by an independent entity helps assure our citizens that we have met or exceeded the high standards for quality patient care and that we stand ready to care for them or their families if needed. I am deeply proud of the work our EMS personnel and leadership have done to achieve CAAS accreditation!

Clinical Key Performance Measures

	Target	Month	YTD	2013
% STEMI Patients to ED < 45 min of Time Call Received	90%	86.36%	80.59%	78.24%
% Stroke Patients to ED < 45 min of Time Call Received	90%	73.36%	82.94%	82.15%
% Cardiac Patients Receive Aspirin Prior to Transport	95%	99.24%	87.24%	N/A
% Chest Compression Fraction on Cardiac Arrest Patients	95%	96.13%	95.52%	N/A
% Waveform Capnography usage with Invasive Airway	95%	100%	100%	N/A
% Documentation of Waveform Capnography	90%	100%	92.46%	N/A

Cardiac Arrest

Total # Cardiac Arrest Patients Treated	N/A	31	357	456
Initial Presenting Rhythm—V-Fib	N/A	4	61	100
Initial Presenting Rhythm—Asystole	N/A	18	208	269
Initial Presenting Rhythm—PEA	N/A	9	88	87
% Return of Spontaneous Circulation (ROSC) - All Rhythms	30%	25.81%	35.57%	31.14%
% Sustained ROSC (> 20 minutes) - All Rhythms	10%	25.81%	31.37%	23.90%
% Sustained ROSC (> 20 minutes) - Initial V-Fib	30%	25.00%	30.36%	34.86%
% Sustained ROSC (> 20 minutes) - Initial PEA	10%	50.00%	34.82%	40.37%
% Sustained ROSC (> 20 minutes) - Initial Asystole	10%	25.00%	34.82%	24.77%



Sedgwick County...
working for you

Scott R. Hadley | Director | Sedgwick County Emergency Medical Service
p: (316) 660-7971 | f: (316) 383-7338 | scott.hadley@sedgwick.gov
1015 Stillwell | Wichita, KS. 67213 | www.sedgwickcounty.org

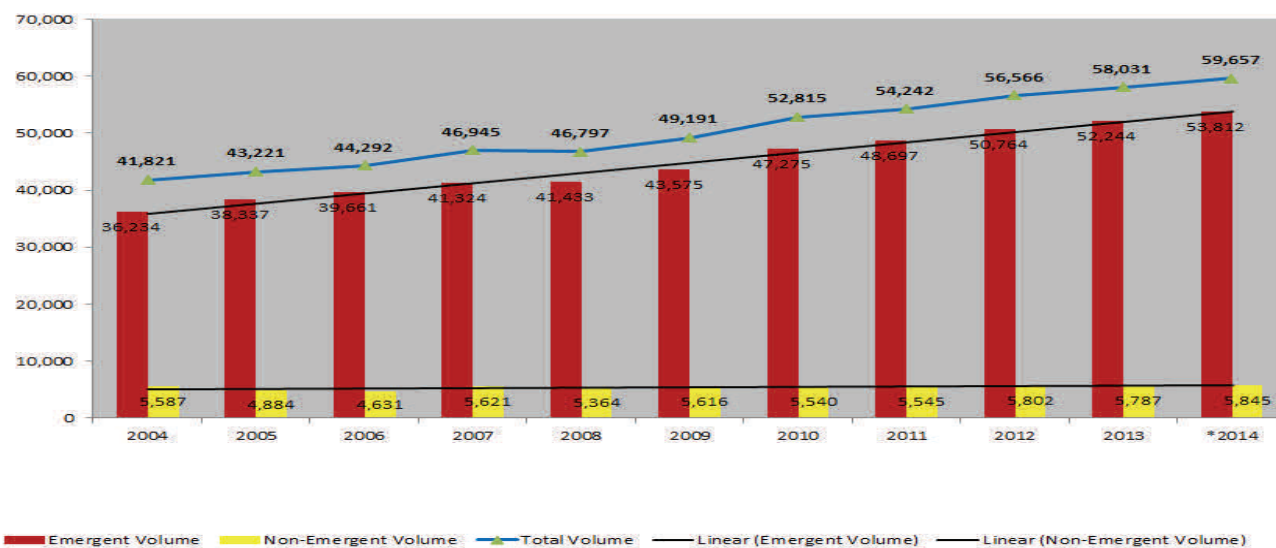
Call Volume

	Emergent	Non-Emergent	Month	YTD	2013- YTD
Transports	3,029	467	3,496	30,452	29,832
Avg X-ports/Day	101.0	15.6	116.5	111.5	109.3
All Calls	4,611	495	5,106	45,380	43,798
Avg Calls/Day	153.7	16.5	170.2	166.2	160.4

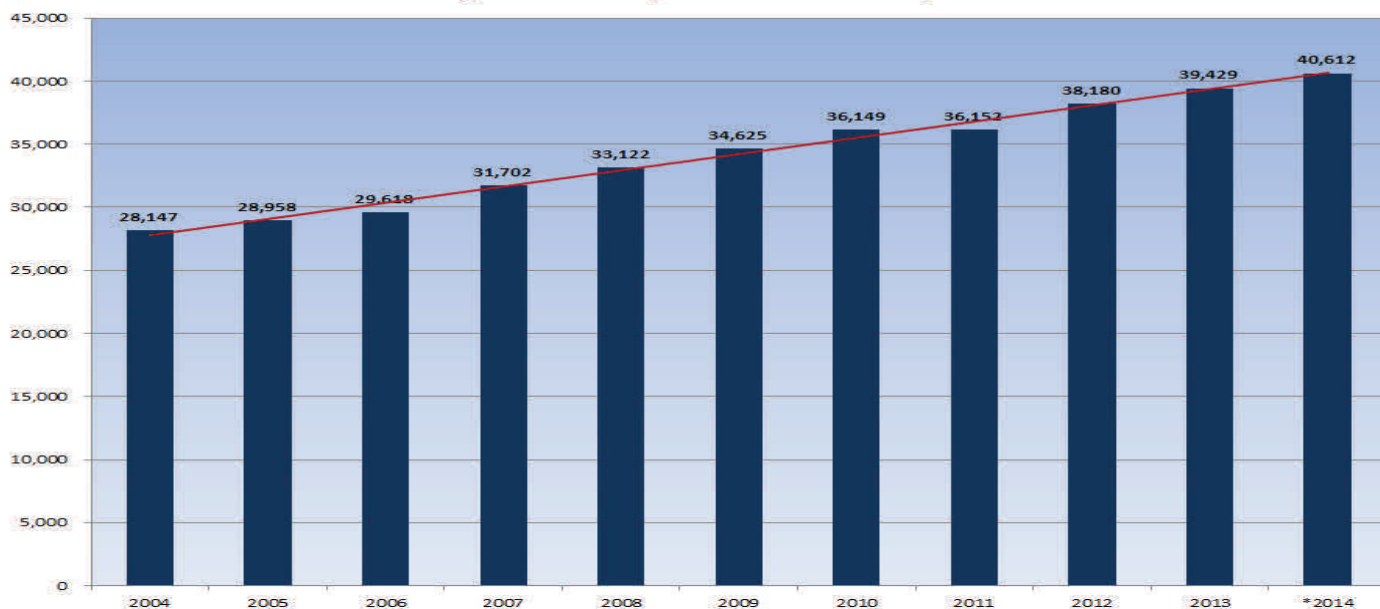
The overall call volume this month increased by **3.2%** compared to September 2013 and it was the third consecutive month we experienced higher call demand. Overall call volume for the first three quarters of this year is **up 3.6%** compared to the same time period in 2013.

Last year, we averaged 108 patient transports per day with a overall transport rate of 67.9%. This month was substantially higher: 116.5 patient transports per day (average) and a transport rate of 68.6%. Our busiest day was on September 20 with 209 responses, and our slowest call volume day was on September 1 with 146 requests for service.

Sedgwick County EMS Annual Call Volume by Type



Sedgwick County EMS Total Transports



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Standard	Target	Performance	Target %	Month	2013	2012
Chute Time	< 1 min		90%	93.32%	92.86%	93.95%
Hospital Drop	< 30 min		90%	97.35%	96.91%	96.45%
Time on Task (xport)	< 75 min		90%	95.25%	93.03%	95.14%
Urban DE	≤ 8 min 59 sec		90%	90.26%	91.09%	93.81%
Suburban DE	≤ 10 min 59 sec		90%	92.41%	86.08%	86.21%
Rural DE	≤ 15 min 59 sec		90%	88.89%	87.50%	89.77%
Response UHU	0.40		N/A	0.46	0.43	0.42
Transport UHU	0.32		N/A	0.31	0.29	0.28
% of Patient Transports	N/A		70%	68.6%	67.9%	67.5%

Human Resources/Public Relations				
	Month	Month (hrs) (hrs)	YTD	YTD (hrs)
# of PR Events & Hours Conducted	4	15.25	26	97.75
# of Dedicated Standby Events & Hours	15	103.25	136	918.5
# of Employee Training Hours Provided	N/A	224.5	N/A	7,504.75
# of Reserve (Volunteer) Hours Provided	N/A	430.5	N/A	3,016

Logistics		
	Target	YTD
# Critical Vehicle Failures/100,000 Fleet Miles	2	1.72
# Critical Durable Equipment Failures/1,000 Calls	1	0.5
% Time of at Least 3 Reserve Ambulances Available	90%	96%

Safety		
	Month	YTD
Exposures	0	10
Vehicle Accidents	1	14
Work-Related Injuries	2	31
Lost Work Time (Hours) Due to Work-Related Injury	0	1,655

	Target (2014)	Financial Target (Month)	Month	YTD
Cost per Call	\$295.00	N/A	\$278.68	\$273.20
Cost per Transport	\$375.00	N/A	\$406.40	\$406.58
Avg Collection per Xport	\$315.00	N/A	N/A	\$311.42
Gross Collection %	48%	N/A	N/A	46.95%
Gross Collections	\$13,319,741	\$1,110,032	\$609,036.05	\$9,995,630.81