



# Clinical Quality Improvement Report

January 2014

Tulsa  
~  
Oklahoma City

Executive summary of the Eastern and Western divisions Clinical Quality Reports, presented to the Office of the Medical Director.

#### Disposition of Calls

<b>Disposition</b>	<b>Eastern Division</b>	<b>Western Division</b>	<b>Total</b>
<b>Transported</b>	6,334	6,683	13,017
<b>Patient Refusal</b>	410	340	750
<b>Patient Refusal with FOS Consult</b>	376	443	819
<b>Treated at scene, Refused Transport</b>	42	30	72
<b>No Treatment Required</b>	344	181	525
<b>No Patient Found</b>	846	626	1472
<b>Cancelled by Fire Department</b>	35	132	167
<b>Cancelled by Police Department</b>	145	128	273
<b>DOA</b>	63	50	113
<b>Critical Failure</b>	2	4	6
<b>Non-Medical Transports</b>	39	45	84
<b>Special Events</b>	37	27	64
<b>Standby</b>	23	14	37
<b>Treated, Transferred Care</b>	22	0	22
<b>Total</b>	8,718	8,703	17,421

#### Transport Status by Division

<b>Status</b>	<b>Eastern Division</b>	<b>Western Division</b>	<b>Total</b>
<b>Priority One Transport</b>	405	434	839
<b>Priority Two Transport</b>	5,844	6,157	12,001
<b>Non-Medical Transport</b>	39	45	84
<b>Non Transport</b>	2,345	1,975	4,320
<b>Total</b>	8,633	8,611	17,244

#### Advanced Airway Placement Success Rates

<b>Type</b>	<b>Eastern Division</b>		<b>Western Division</b>	
	<b>Number</b>	<b>Percentage</b>	<b>Number</b>	<b>Percentage</b>
<b>ETT/NTT</b>	68	63%	61	69%
<b>King</b>	16	94%	11	100%

## Advanced Airway Grades

These reflect multiple attempts on the same airway. Other is a reflection that crews are not required to pick an airway grade for King Airway.

<b>Airway Grade</b>	<b>Eastern Division</b>	<b>Western Division</b>
<b>Other</b>	2	3
<b>Class 1</b>	7	12
<b>Class 2</b>	21	12
<b>Class 3</b>	20	17
<b>Class 4</b>	9	12

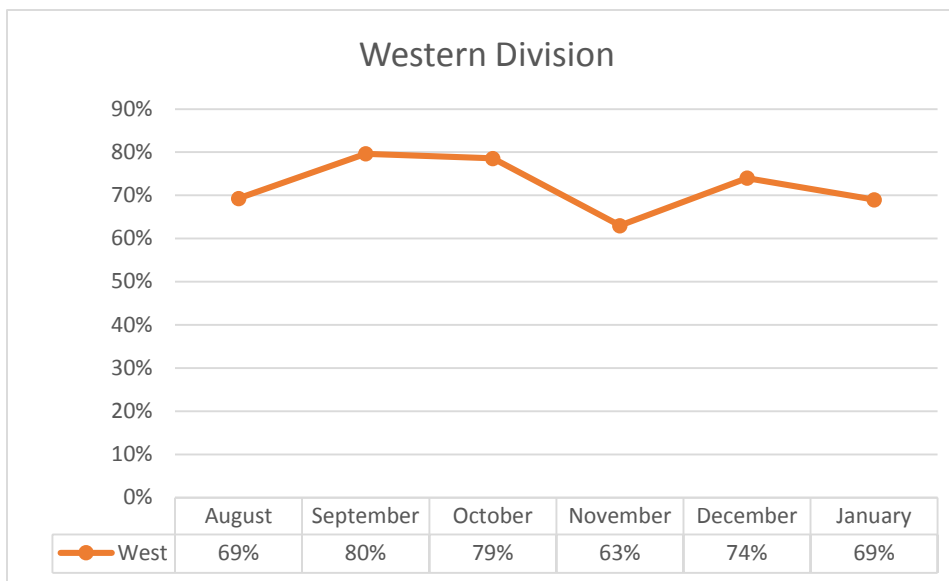
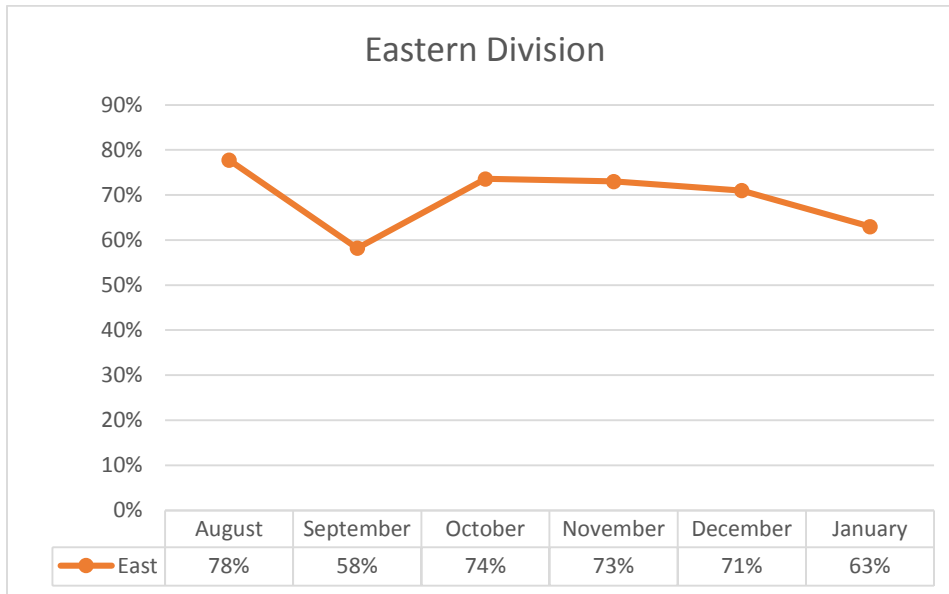
## Airway Complications

<b>Type</b>	<b>Eastern Division</b>	<b>Western Division</b>
<b>ETT Complications:</b>	2	0
<b>ETT Complications: Anatomical</b>	13	15
<b>ETT Complications: Anatomical w/ Fluid</b>	23	10
<b>ETT Complications: Clenched Teeth</b>	5	5
<b>ETT Complications: Fluid</b>	12	14
<b>ETT Complications: Gag Reflex</b>	3	1
<b>ETT Complications: None</b>	26	20
<b>ETT Complications: Spinal Immobilization</b>	1	2
<b>ETT Complications: Traumatic Airway</b>	1	0

No instances of delayed capnography were noted in the Eastern Division

5 instances of greater than 60 second capnography were noted in the Western Division. These were investigated and noted to be event scroll push issues, and the medics corrected on when to mark the intubation time.

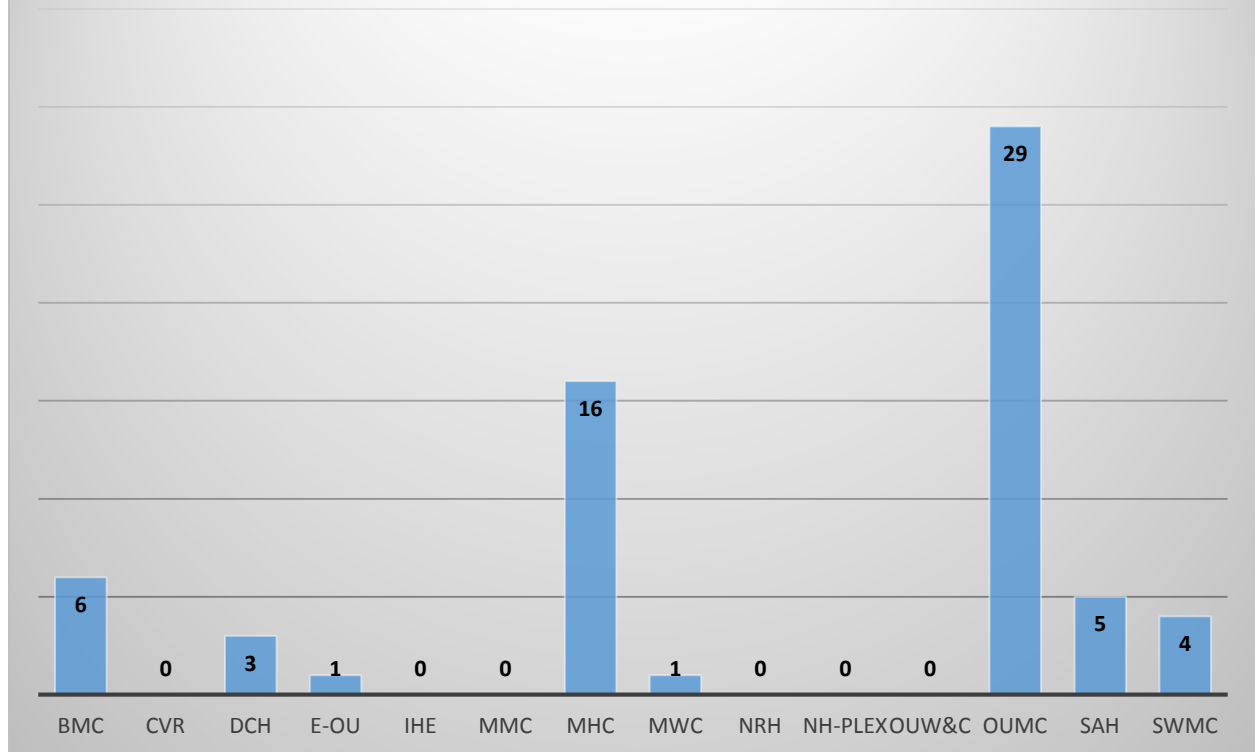
## Six Month Running Intubation Success Rate



## Reportable Events

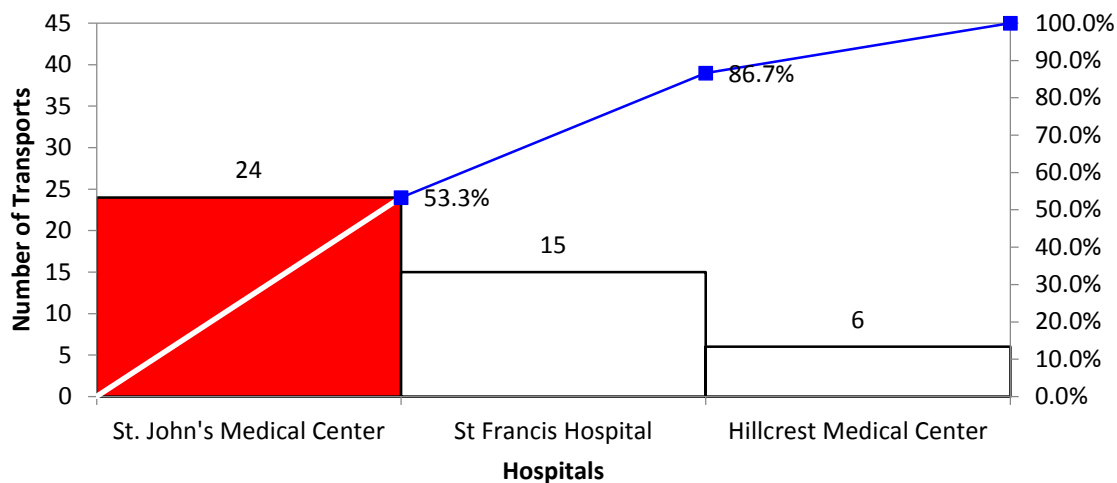
Event	Medic	Run Number	Division
Hylenex	Jacob Tollette	14000907	East
Hylenex	Jacob Tollette	14001048	East
Chest Decompression	Caleb Bullard	14008458	West
TXA	Steven Lloyd	14016786	West

## Monthly Total Priority Two Transport Destination

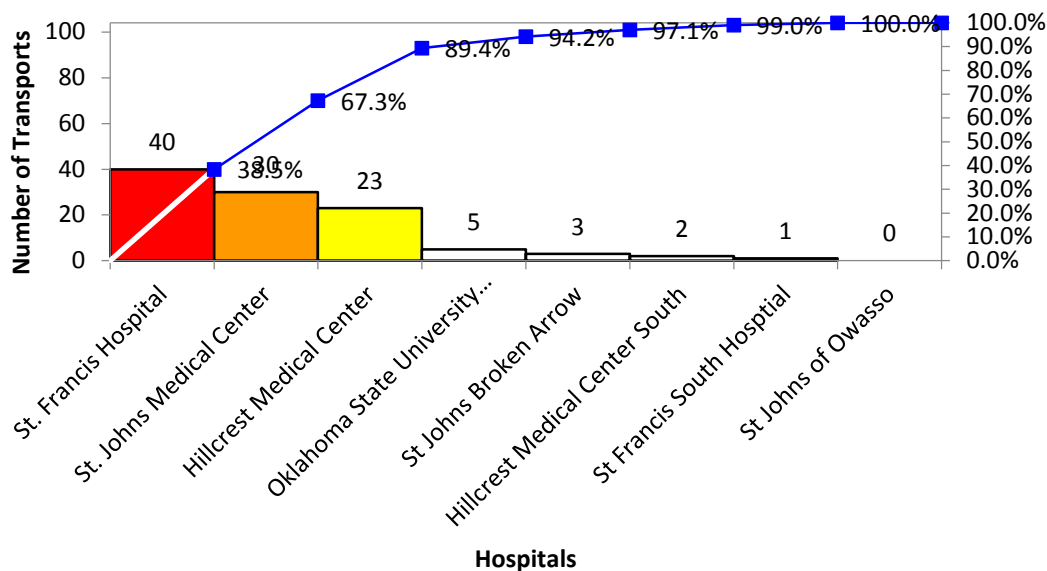


This chart represents that the monthly total of transports to priority two hospitals in the Western Division.

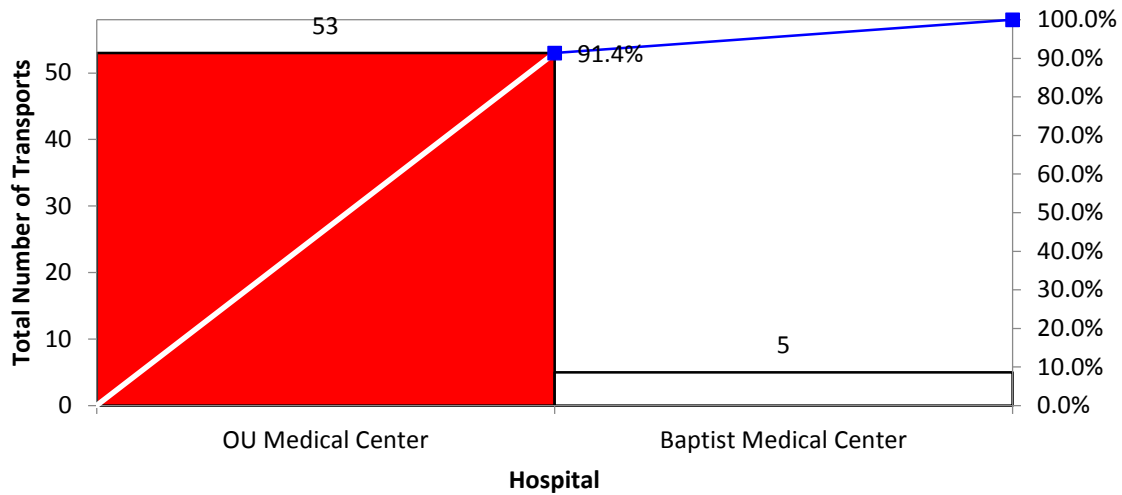
## January Priority One Eastern Trauma Transports



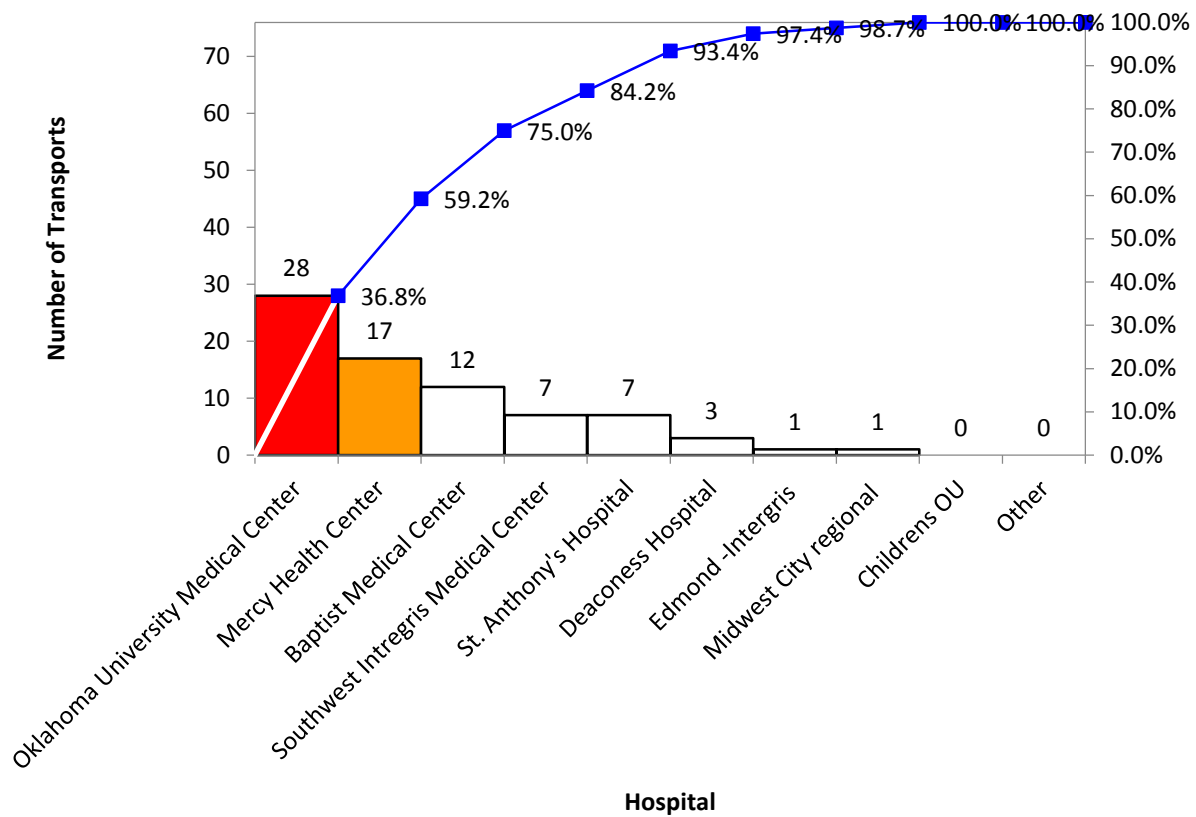
## January Priority Two Eastern Trauma Transports



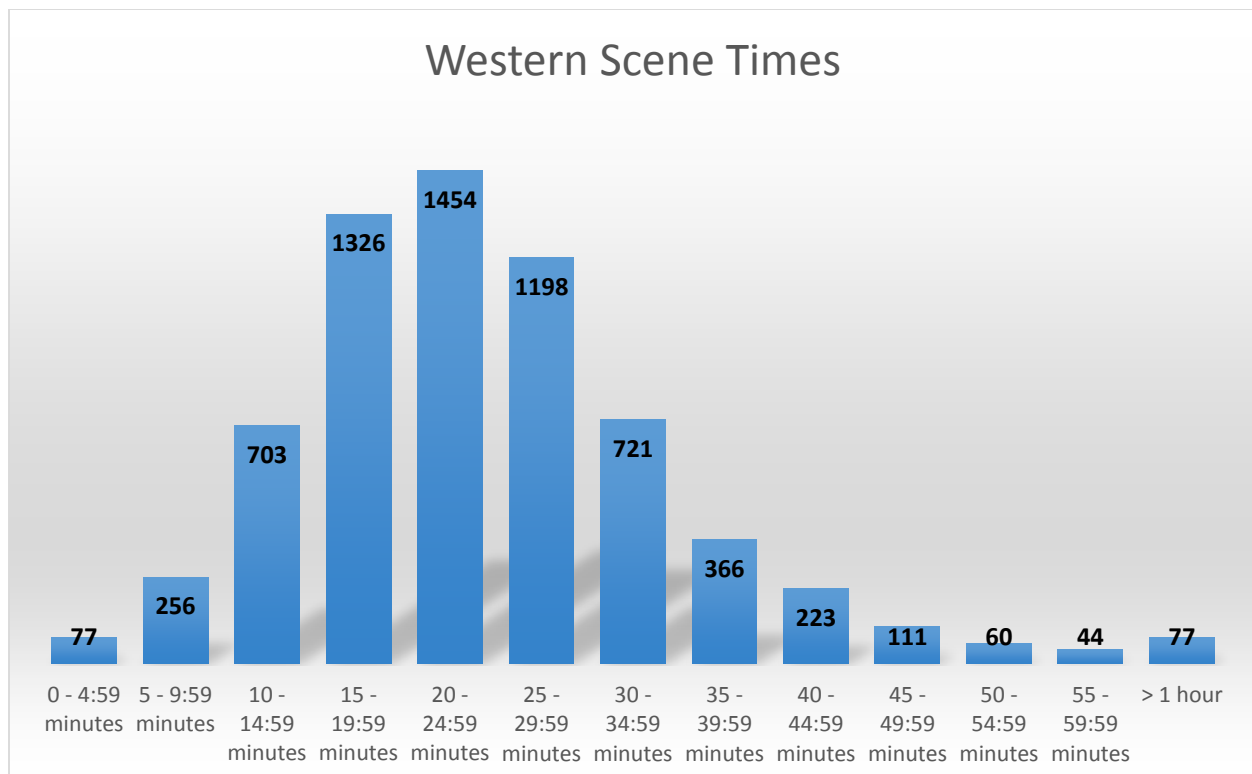
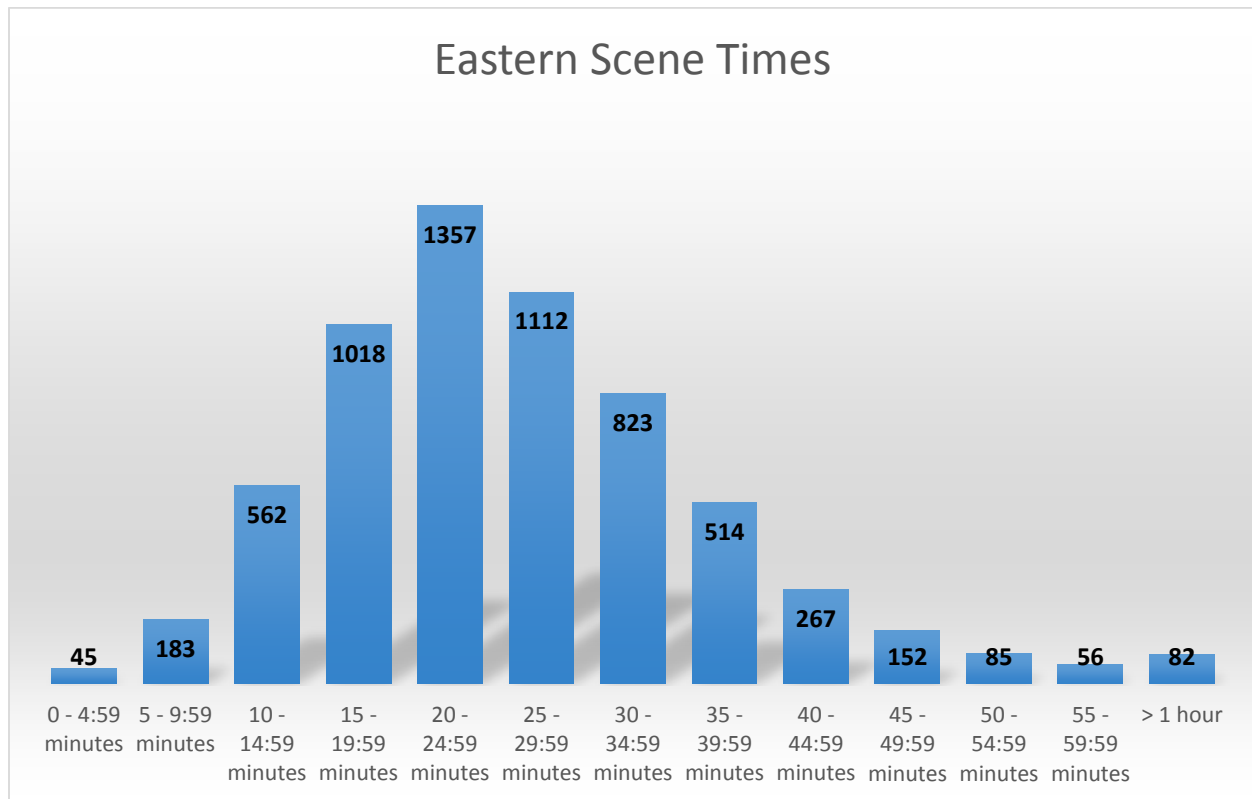
## January Priority One Trauma Transport Destination



## January Priority Two Western Trauma Transports



## Monthly On Scene Times





Scene time analytics

CLASSIFICATION	EASTERN DIVISION	WESTERN DIVISION
90 <sup>TH</sup> PERCENTILE	40:01 Minutes	37:31 Minutes
AVERAGE SCENE TIME	9:51 Minutes	8:35 Minutes
MEDIAN SCENE TIME	24:38 Minutes	22:59 Minutes