

### SCENE TIME INTERVAL FOR STROKE ALERT PATIENTS

<b>OBJECTIVE</b>	Limit the amount of scene time for Stroke Alert patients
<b>DEFINITIONS</b>	
90th Percentile Scene Time Interval	The scene time interval (in HH:MM) at which 90% of the included cases are less than or equal to.
Adult Stroke Patient	Age $\geq$ 18 years
Stroke Alert	Any adult patient with current presentation and history suggestive of stroke and presentation with at least one positive Cincinnati Prehospital Stroke Scale finding.
Scene Time Interval	The time interval beginning with the Scene Arrival Time for the first on scene transporting unit and ending with the Scene Departure time (from CAD) for the transporting unit.
Performance Objective	Scene Time less than 15 minutes for 90% or more of transported Stroke Alert patients
Appropriate Delay	Cases in which the provider documents an acceptable scene delay (from RescueNet and manual chart review). Examples of appropriate scene delay are: patient access or egress difficulty; unsafe condition (hazards to providers); environmental condition (flooding, snow, ice); clinical findings that require emergent interventions prior to transport (e.g. cardiac arrest).

### REPORTING

Indicator Items      The time interval (in HH:MM) for which 90% of the incident scene time intervals are less than or equal.

### FORMULA

Arrange the scene time interval data points (for the quarter) from lowest to highest. Count the total number of data points and note the number as n. Multiply 0.90 by the number N (round up if needed) and note as P. Determine the P-th data point in the set counting from the lowest to the highest value. That data point is the 90<sup>th</sup> percentile scene time interval. This may be accomplished using MS Excel's percentile function.

### EXCLUDED CASES

- Interfacility transfer (Hospital or FSED)
- Patients transported by Air Medical service
- Incidents resulting in no transport
- Appropriate delays

# CLINICAL PERFORMANCE INDICATOR #2.5

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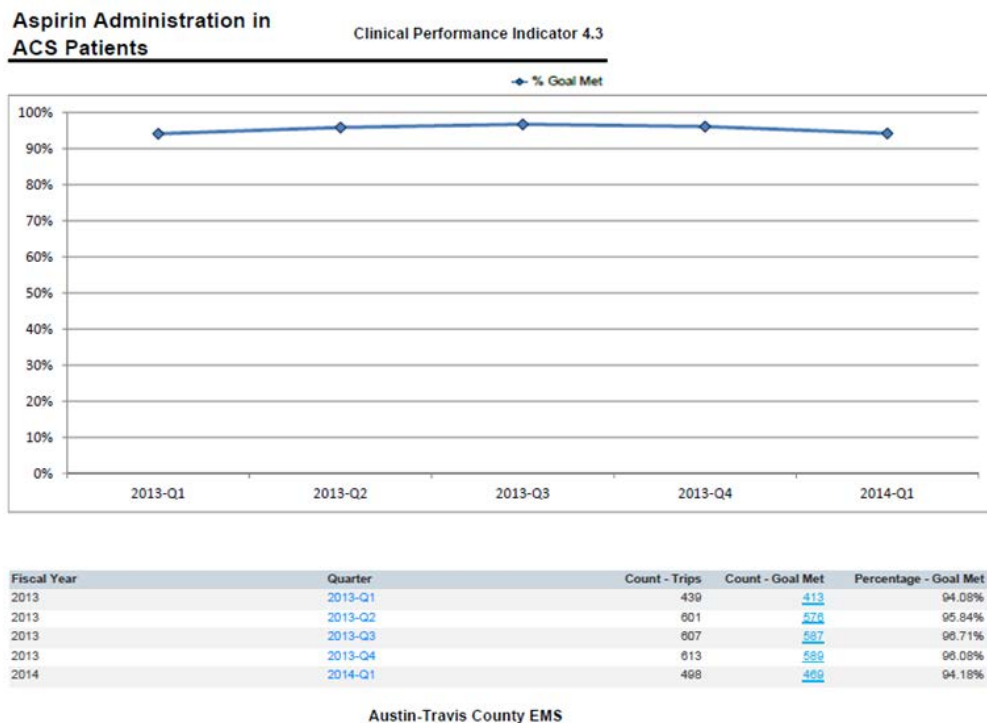
**DATA SOURCE(S)** COGNOS report from RescueNet, manual chart review and CAD

**REPORTING CRITERIA**

Reporting Period Quarterly; Due to OMD PI at least 2 business days prior to the EMS/OMD PI meeting at which Performance Measures will be discussed

Visual Format Line Chart (single chart); Y axis = 90th Percentile Scene Time Interval in minutes; X axis = quarter/year; Include the 5 most recent quarters of data; Include raw data in non-PDF format (e.g. Excel) (See chart layout and design example below)

Chart Legend Include total number of Stroke Alert cases meeting criteria for each quarter



**TYPE OF MEASURE** Process

**PERFORMANCE IMPROVEMENT** Performance measures are reviewed periodically by the Agency and OMD Performance Improvement staff. Clinical performance is overseen by the System Clinical Performance Improvement Committee and its Subcommittees.

**REFERENCES** None

**DOCUMENT APPROVAL** All clinical performance measures and revisions to these measures are reviewed and approved by the System Clinical Performance Improvement Committee.