

AMBULANCE PATIENT OFFLOAD TIME—APOT-2 SPECIFICATIONS

Approved by EMS Commission 12-14-16 (Rev 11-17-2016)

MEASURE SET	Extended Ambulance Patient Offload Time	
SET MEASURE ID #	APOT-2	
PERFORMANCE MEASURE NAME	Duration of Ambulance Patient Offload Time for Patients transported to the Emergency Department by 911 response emergency ambulance ¹	
Description	<p>2.1: What percentage of patients transported by EMS personnel experience a transfer of care within 20 minutes of arrival at the Hospital Emergency Department?</p> <p>2.2: What percentage of patients transported by EMS personnel experience a transfer of care between 21 - 60 minutes of arrival at the Hospital Emergency Department?</p> <p>2.3: What percentage of patients transported by EMS personnel experience a transfer of care between 61 - 120 minutes after arrival at the Hospital Emergency Department?</p> <p>2.4: What percentage of patients transported by EMS personnel experience a transfer of care between 121 - 180 minutes after arrival at the Hospital Emergency Department?</p> <p>2.5: What percent of patients transported by EMS personnel experience a transfer of care greater than 180 minutes after arrival at the Hospital Emergency Department?</p>	
Type of Measure	Process	
Reporting Value and Units	(%) Percentage	
Denominator Statement (population)	Number of patients who were transported to a hospital emergency department by EMS Personnel. Include only 911 response transports with eTimes.11 and eTimes.12 available.	
Denominator Inclusion Criteria	<u>Criteria (NEMSIS 3.4)</u>	<u>Data Elements (NEMSIS 3.4)</u>
	<p>All events for which eResponse.05 "Type of Service Requested" has value recorded of 911 Response (Scene);</p> <p><u>AND</u></p> <p>eDisposition.21 "Type of Destination" has value of 4221003, "Hospital-Emergency Department";</p> <p><u>AND</u></p>	<ul style="list-style-type: none"> • Type of Service Requested (eResponse.05) • Type of Destination (eDisposition.21) • Patient Arrived at Destination Date/Time (eTimes.11) • Destination Patient Transfer of Care Date/Time (eTimes.12)

¹ The first year of reporting to EMSA will focus on 911 response units; however, LEMSAs may choose to also monitor IFT, 7-digit and other transports to the ED.

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	eTimes.11 “Patient Arrived at Destination Date/Time” values are logical and present <u>AND</u> Destination Patient Transfer of Care Date/Time (eTimes.12) values are logical and present ²	
Exclusion Criteria	None	
	<u>Criteria</u> ³	<u>Data Elements</u>
Numerator Statement (sub-population)	<p>2.1: What percentage of patients transported by EMS personnel experience a transfer of care within 20 minutes of arrival at the Hospital Emergency Department?</p> <p>2.2: Number of patients who were transported to a hospital emergency department by EMS Personnel and had their care transferred within 20 - 60 minutes after their arrival to the Emergency Department.</p> <p>2.3: Number of patients who were transported to a hospital emergency department by EMS Personnel and had their care transferred 61-120 minutes after their arrival to the Emergency Department.</p> <p>2.4: Number of patients who were transported to a hospital emergency department by EMS</p>	<ul style="list-style-type: none"> • Type of Service Requested (eResponse.05) • Type of Destination (eDisposition.21) • Patient Arrived at Destination Date/Time (eTimes.11) • Destination Patient Transfer of Care Date/Time (eTimes.12)

² It is recommended to configure ePCR programs so that the signature block timestamp is collected as eTimes.12 “Destination Patient Transfer of Care Date/Time” in NEMSIS 3.4. If a system does not accommodate a signature block or a signature is not obtained for operational reasons, a time stamp on the ePCR based verbal acknowledgement of EMS patient report by ED medical personnel is sufficient.

³ Transfer to hospital care and end of APOT interval should include the following:

- Verbal patient report is given by transporting EMS personnel and acknowledged by ED medical personnel
- Patient is transferred off the EMS gurney
- Clock stop is documented through a timestamp that is captured as eTimes.12 in NEMSIS 3

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	<p>Personnel and had their care transferred 121 - 180 minutes after their arrival to the Emergency Department.</p> <p>2.5: Number of patients transported by EMS personnel that experience a transfer of care greater than 180 minutes after arrival at the Hospital Emergency Department.</p>	
Numerator Inclusion Criteria	<u>Criteria</u>	<u>Data Elements</u>
	<p>All events for which eResponse.05 “type of service requested” has value recorded of “911 response (Scene)”;</p> <p><u>AND</u></p> <p>eTimes.12 “Destination Patient Transfer of Care Date/Time” values are logical and present</p>	<ul style="list-style-type: none"> • Type of Service Requested (eResponse.05) • Type of Destination (eDisposition.21) • Patient Arrived at Destination Date/Time (eTimes.11) • Destination Patient Transfer of Care Date/Time (eTimes.12)
Exclusion Criteria	<u>Criteria</u>	<u>Data Elements</u>
	None	
Indicator Formula Numeric Expression	<p>The formula is to divide (/) the numerator (N) by the denominator (D) and then multiply (x) by 100 to obtain the (%) value the indicator is to report. Therefore the indicator expressed numerically is $N/D = \%$</p>	
Example of Final Reporting Value (number and units)	15%	
Sampling	No	

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Aggregation	Yes	
Minimum Data Values	Not Applicable	
Data Collection Approach	<ul style="list-style-type: none"> Retrospective data sources for required data elements include administrative data and pre-hospital care records. Variation may exist in the assignment of coding; therefore, coding practices may require evaluation to ensure consistency. 	
Suggested Display Format & Frequency	Process control or run chart by month	
Suggested Statistical Measures	Mean (x); Mode (m)	
Trending Analysis	Yes	
Reporting Notes	<p>Report aggregate values by:</p> <ol style="list-style-type: none"> 1) LEMSA 2) Individual hospital <p>Report the % calculated and the denominator used to calculate (number of 911 transports with time stamp data available)</p> <p>Report Quarterly, within 2 months of the end of the quarter:</p> <ul style="list-style-type: none"> • June 1 for period of January 1 through March 31; • September 1 for period of April 1 through June 30; • December 1 for period of July 1 through September 30; • March 1 for period of October 1 through December 31 	