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	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? 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? 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? 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? 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?
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	**Criteria (NEMSIS 3.4)**	**Data Elements (NEMSIS 3.4)**
	All events for which eResponse.05 "Type of Service Requested" has value recorded of 911 Response (Scene); <u>AND</u> eDisposition.21 "Type of Destination" has value of 4221003, "Hospital-Emergency Department"; <u>AND</u>	• 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 AND Destination Patient Transfer of Care Date/Time (eTimes.12) values are logical and present[2]	
Exclusion Criteria	None	
	Criteria[3]	**Data Elements**
Numerator Statement (sub-population)	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? 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. 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. 2.4: Number of patients who were transported to a hospital emergency department by EMS	• 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)

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[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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	Personnel and had their care transferred 121 - 180 minutes after their arrival to the Emergency Department. 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.	
Numerator Inclusion Criteria	**Criteria**	**Data Elements**
	All events for which eResponse.05 "type of service requested" has value recorded of "911 response (Scene)"; AND eTimes.12 "Destination Patient Transfer of Care Date/Time" values are logical and present	• 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	**Criteria**	**Data Elements**
	None	
Indicator Formula Numeric Expression	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 =%	
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	• 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	Report aggregate values by: 1) LEMSA 2) Individual hospital Report the % calculated and the denominator used to calculate (number of 911 transports with time stamp data available) Report Quarterly, within 2 months of the end of the quarter: • 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	