

National EMS Quality Alliance

EMS Compass 2.0 Measure Set

2019-2020 Measure Change Log



Measure Changes – 2019 Measure Re-Specification Project: language was updated measures to ensure measures are encounter-based and to improve readability. Substantive updates to measures are in RED.

Measure ID	Previous Numerator	Updated Numerator	Previous Denominator	Updated Denominator	Previous Denominator Exclusions	Updated Denominator Exclusions
Hypoglycemia-01	Patients receiving treatment intended to correct hypoglycemia (food, administration of oral glucose, dextrose, or glucagon)	EMS responses originating from a 911 request for patients receiving treatment to correct their hypoglycemia during the EMS response.	Patients identified as being hypoglycemic with a blood sugar of <60mg/dl originating from a 911 request	All EMS responses originating from a 911 request for patients with hypoglycemia and a GCS of <15 or an AVPU of <A or patients with a primary or secondary impression of altered mental status and a blood glucose level of <60.	None	Patients less than 24 hours of age
Pediatrics-01	Pediatric patients with	EMS responses originating from	Patients <15 years AND	All EMS responses	None	None

	SP02 and RR measurement	a 911 request for patients who received both a SPO2 and respiratory rate measurement during the EMS response.	PR/SEC Impression with (Dyspnea, unspecified, Orthopnea, Shortness of Breath, or Other forms of dyspnea) originating from a 911 request	originating from a 911 request for patients <18 years of age with a primary or secondary impression of respiratory distress .		
Pediatrics-02	Pediatric patients administered (albuterol, Accuneb, Combivent, DuoNeb, ProAir, Proventil, Ventolin, or Vospire) by any means	EMS responses originating from a 911 request for patients who had an aerosolized beta agonist administered by an EMS professional during the EMS response.	Patients 2-15 years and PRI/SEC Impression “Asthma with exacerbation” or “Acute bronchospasm” originating from a 911 request	All EMS responses originating from a 911 request for patients 2-18 years of age with a primary or secondary impression of asthma exacerbation or acute bronchospasm.	None	None
Pediatrics-03	Weight value in kilograms or length-based weight entered	EMS responses originating from a 911 request for patients in which a weight value was documented in kilograms or a length-based weight was	Patients <15 years old that received medication originating from a 911 request	All EMS responses originating from a 911 request for patients less than 18 years of age who received a weight-based medication	None	None

		documented during the EMS response.		during the EMS response.		
Seizure-01	Retired from measure set during clinical evidence review. Evidence no longer supports measure.					
Seizure-02	Patients receiving EMS intervention (e.g. benzodiazepine) aimed at terminating their status seizure.	EMS responses originating from a 911 request for patients who received benzodiazepine aimed at terminating their status seizure during the EMS response.	Patients with ongoing status seizure activity (also known as status epilepticus, defined as seizing for 5 minutes or more or two or more status seizures in a 5-minute period without regaining consciousness) originating from a 911 request	All EMS responses originating from a 911 request for patients with a primary or secondary impression of status epilepticus.	None	None
Stroke-01	Number of suspected stroke patients who had a stroke assessment performed (CPSS, LAMS, etc.)	EMS responses originating from a 911 request for patients who had a stroke assessment performed on scene during the EMS Response.	Patients with a provider impression of stroke originating from a 911 request	All EMS responses originating from a 911 request for patients with a primary or secondary impression of stroke.	None	None
Stroke-08	Retired from measure set due to data feasibility issues.					
Trauma-01	Patients with pain scale value present	EMS transports originating from a 911 request for patients with any	Patients with injury originating from a 911 request	All EMS transports originating from a 911 request for	None	None

		pain scale value documented during the EMS encounter.		patients with injury and a Glasgow Coma Score (GCS) of 15 or an Alert Verbal Painful Unresponsiveness (AVPU) of A.		
Trauma-02	Retired from measure set as measure is duplicative to other EMS Compass measures.					
Trauma-03	Patients with a final pain value less than the maximum	EMS transports originating from a 911 request for patients with two or more documented pain scores and a final pain score value less than the first documented pain score.	Patients with injury and pain scale value >0 originating from a 911 request	All EMS transports originating from a 911 request for patients with injury who had an initial pain score of greater than zero.	None	None
Trauma-04	Patients transported to a trauma center	EMS transports originating from a 911 request for patients transported to a trauma center.	Patients meeting CDC Step 1 or 2 or 3 criteria originating from a 911 request	All EMS transports originating from a 911 request for patients who meet 2011 CDC Step 1 or 2 criteria for trauma.	None	None
Safety-01	Number of lights and sirens responses	EMS responses originating from a 911 request	Number of responses	All EMS responses	None	None

		during which lights and sirens were not used.	originating from a 911 request	originating from a 911 request.		
Safety-02	Number lights and sirens used during transport	EMS transports originating from a 911 request during which lights and sirens were not used.	Number of patient transports by unit originating from a 911 request	All EMS transports originating from a 911 request.	None	None