National EMS Quality Alliance

Technical Release Notes: 2021 National EMS Quality Alliance Quality Measures

NEMSQA Asthma-01: Administration of Beta Agonist for Asthma (Formerly Pediatrics-02)

Technical Release Notes	Type of TRN	Measure Section	Source of Change	Details
Measure ID Change	Measure ID	Measure ID	Substantive Measure Change	Measure ID changed from Pediatrics-02 to Asthma-01 as measure has been expanded to include both adult and pediatric populations.
Measure Name Change	Measure Name	Measure Name	Substantive Measure Change	Measure name changed from Administration of Beta Agonist for Pediatric Asthma to Administration of Beta Agonist for Asthma as measure as been expanded to include both adult and pediatric populations.
Addition of Initial Population	Logic	Initial Population	Measure Developer	Initial Population added to identify all EMS encounters to be evaluated in the measure.
Expansion of Type of Service Requested (eResponse.05)	Logic	Initial Population	Standards Update	Logic defining EMS Response updated to align with NEMSIS v3.5.0.
Addition of adult population (substantive measure change)	Logic	Denominator	Measure Developer	Adult population (patients greater than or equal to 18 years of age) added to measure.
Stratification of populations by age	Logic	Denominator	Measure Developer	Denominator populations stratified by age to calculate separate rates for adult and pediatric populations.

NEMSQA Hypogylcemia-01: Treatment Administered for Hypoglycemia

Technical Release Notes	Type of TRN	Measure Section	Source of Change	Details
Addition of Initial Population	Logic	Initial Population	Measure Developer	Initial Population added to identify all EMS encounters to be evaluated in the measure.
Expansion of Type of Service Requested (eResponse.05)	Logic	Initial Population	Standards Update	Logic defining EMS Response updated to align with NEMSIS v3.5.0.

Addition of code E13.64 "Other specified diabetes mellitus with hypoglycemia"	Coding	Initial Population	Measure Developer	eSituation.11 and eSituation.12 expanded to include ICD10CM code E13.64 "Other specified diabetes mellitus with hypoglycemia."
Expansion of eVitals.18 Blood Glucose Level	Logic	Initial Population	Standards Update	Text option "low" added to eVitals.18 Blood Glucose Level.
Stratification of populations by age	Logic	Denominator	Measure Developer	Denominator populations stratified by age to calculate separate rates for adult and pediatric populations.

NEMSQA Pediatrics-03b: Documentation of Estimated Weight in Kilograms

Technical Release Notes	Type of TRN	Measure Section	Source of Change	Details
Measure ID Change	Measure ID	Measure ID	Substantive Measure Change	Measure ID changed from Pediatrics-03 to Pediatrics-03b due to substantive measure change of addition of denominator exception.
Initial Pseudocode Released	Logic	All	Standards Updates	Initial Pseudocode released due to expanded NEMSIS functionality.
Addition of Initial Population	Logic	Initial Population	Measure Developer	Initial Population added to identify all EMS encounters to be evaluated in the measure.
Addition of Denominator Exception (substantive measure change)	Logic	Denominator Exception	Measure Developer	Denominator exception added to remove encounters from the denominator if non-weight-based medications are administered and numerator criteria not met.

NEMSQA Respiratory-01: Respiratory Assessment (Formerly Pediatrics-01)

Technical Release Notes	Type of TRN	Measure Section	Source of Change	Details
Measure ID Change	Measure ID	Measure ID	Substantive Measure Change	Measure ID changed from Pediatrics-01 to Respiratory-01 as measure has been expanded to include both adult and pediatric populations.
Measure Name Change	Measure Name	Measure Name	Substantive Measure Change	Measure changed from Pediatric Respiratory Assessment as measure has been expanded to include both adult and pediatric populations.

Technical Release Notes	Type of TRN	Measure Section	Source of Change	Details
Addition of Initial Population	Logic	Initial Population	Measure Developer	Initial Population added to identify all EMS encounters to be evaluated in the measure
Addition of code J98.9 "Respiratory disorder, unspecified"	Coding	Initial Population	Measure Developer	eSituation.11 and eSituation.12 expanded to include ICD10CM code J98.9 "Respiratory disorder, unspecified."
Expansion of Type of Service Requested (eResponse.05)	Logic	Initial Population	Standards Update	Logic defining EMS Response updated to align with NEMSIS v3.5.0.
Addition of adult population (substantive measure change)	Logic	Denominator	Measure Developer	Adult population (patients greater than or equal to 18 years of age) added to measure.
Stratification of populations by age	Logic	Denominator	Measure Developer	Denominator populations stratified by age to calculate separate rates for adult and pediatric populations.

NEMSQA Seizure-02: Patient Received Intervention for Status Epilepticus				
Technical Release Notes	**Type of TRN**	**Measure Section**	**Source of Change**	**Details**
Addition of Initial Population	Logic	Initial Population	Measure Developer	Initial Population added to identify all EMS encounters to be evaluated in the measure.
Expansion of Type of Service Requested (eResponse.05)	Logic	Initial Population	Standards Update	Logic defining EMS Response updated to align with NEMSIS v3.5.0.
Stratification of populations by age	Logic	Denominator	Measure Developer	Denominator populations stratified by age to calculate separate rates for adult and pediatric populations.

NEMSQA Stroke-01: Suspected Stroke Patient Receiving Prehospital Stroke Assessment				
Technical Release Notes	**Type of TRN**	**Measure Section**	**Source of Change**	**Details**
Addition of Initial Population	Logic	Initial Population	Measure Developer	Initial Population added to identify all EMS encounters to be evaluated in the measure.
Expansion of Type of Service Requested (eResponse.05)	Logic	Initial Population	Standards Update	Logic defining EMS Response updated to align with NEMSIS v3.5.0.

NEMSQA Trauma-01: Injured Patients Assessed for Pain				
Technical Release Notes	**Type of TRN**	**Measure Section**	**Source of Change**	**Details**

Technical Release Notes	Type of TRN	Measure Section	Source of Change	Details
Addition of Initial Population	Logic	Initial Population	Measure Developer	Initial Population added to identify all EMS encounters to be evaluated in the measure.
Expansion of Type of Service Requested (eResponse.05)	Logic	Initial Population	Standards Update	Logic defining EMS Response updated to align with NEMSIS v3.5.0.
Redefined EMS Transport logic definition	Logic	Initial Population	Standards Update	Logic defining EMS Transport updated to align with NEMSIS v3.5.0. Now includes eDisposition28 and eDisposition30 elements.
Stratification of populations by age	Logic	Denominator	Measure Developer	Denominator populations stratified by age to calculate separate rates for adult and pediatric populations.

NEMSQA Trauma-03: Effectiveness of Pain Management for Injured Patients

Technical Release Notes	Type of TRN	Measure Section	Source of Change	Details
Addition of Initial Population	Logic	Initial Population	Measure Developer	Initial Population added to identify all EMS encounters to be evaluated in the measure.
Expansion of Type of Service Requested (eResponse.05)	Logic	Initial Population	Standards Update	Logic defining EMS Response updated to align with NEMSIS v3.5.0.
Redefined EMS Transport logic definition	Logic	Initial Population	Standards Update	Logic defining EMS Transport updated to align with NEMSIS v3.5.0. Now includes eDisposition28 and eDisposition30 elements.
Stratification of populations by age	Logic	Denominator	Measure Developer	Denominator populations stratified by age to calculate separate rates for adult and pediatric populations.

NEMSQA Trauma-04: Trauma Patients Transferred to Trauma Center

Technical Release Notes	Type of TRN	Measure Section	Source of Change	Details
Initial Pseudocode Released	Logic	All	Standards Updates	Initial Pseudocode released due to expanded NEMSIS functionality.
Addition of Initial Population	Logic	Initial Population	Measure Developer	Initial Population added to identify all EMS encounters to be evaluated in the measure.

Stratifications of populations by age	Logic	Denominator	Measure Developer	Denominator populations stratified by age to calculate separate rates for adult and pediatric populations.

NEMSQA Safety-01: Use of Lights and Sirens During Response to Scene

Technical Release Notes	Type of TRN	Measure Section	Source of Change	Details
Addition of Initial Population	Logic	Initial Population	Measure Developer	Initial Population added to identify all EMS encounters to be evaluated in the measure.
Expansion of Type of Service Requested (eResponse.05)	Logic	Initial Population	Standards Update	Logic defining EMS Response updated to align with NEMSIS v3.5.0.
Stratifications of populations by age	Logic	Denominator	Measure Developer	Denominator populations stratified by age to calculate separate rates for adult and pediatric populations.

NEMSQA Safety-02: Use of Lights and Sirens During Transport

Technical Release Notes	Type of TRN	Measure Section	Source of Change	Details
Addition of Initial Population	Logic	Initial Population	Measure Developer	Initial Population added to identify all EMS encounters to be evaluated in the measure.
Expansion of Type of Service Requested (eResponse.05)	Logic	Initial Population	Standards Update	Logic defining EMS Response updated to align with NEMSIS v3.5.0.
Redefined EMS Transport logic definition	Logic	Initial Population	Standards Update	Logic defining EMS Transport updated to align with NEMSIS v3.5.0. Now includes eDisposition28 and eDisposition30 elements.
Stratifications of populations by age	Logic	Denominator	Measure Developer	Denominator populations stratified by age to calculate separate rates for adult and pediatric populations.