



NEMSIS

Data Dictionary

NHTSA Version 3.2.1
Build 120321

EMS Data Standard

National Elements

Only

Version Date: March 21, 2012

Funded by
National Highway Traffic Safety Administration (NHTSA)
Office of Emergency Medical Services

www.NEMSIS.org

NEMSIS Data Dictionary Version 3.2.1

NEMSIS Overview and Summary

This data dictionary represents 24 months of effort collaborating with the EMS industry through web-based reviews, public comment periods, focus groups, industry dialogue, topic focused projects, and consensus. The National EMS Information System Version 3 represents a revision from the existing version 2.1.1 released in 2005. Adopting a broad perspective, the initiative to move to a 3rd version of the NEMSIS data dictionary was fueled by the need to improve data quality, enhance our ability to assess EMS performance, augment the flexibility of the standard for state adoption and, prepare for our initial movement of this standard into Health Level 7 (HL7) for approval as an American National Standards Institute (ANSI) standard. At the time of this initial publication, NEMSIS Version 3 has passed several ballots within HL7 in an effort to be recognized as a federal healthcare information standard. Final HL7 adoption of NEMSIS Version 3 is expected in 2012. HL7 will be the permanent home for the NEMSIS standard once fully adopted and future revisions will occur through the HL7 process.

NEMSIS Version 3 Element Configuration from v2.2.1

| NEMSIS NHTSA Uniform PreHospital Dataset | Version 2.2.1 | Version 3.3.4 | Version 3.4.0 |
|--|------------------|------------------|---------------|
| Demographic (Agency) NEMSIS Version 3 Data Elements | 110 (26%) | 155 (27%) | 157 |
| Existing (version 2.2.1) | 88 (80%) | 87 (56%) | 87 (55.5%) |
| New | | 68 (44%) | 70 (44.5%) |
| Retired | 22 (20%) | | |
| EMS (ePCR) NEMSIS Version 3 Data Elements | 315 (74%) | 423 (73%) | 428 |
| Existing (version 2.2.1) | 258 (82%) | 260 (61%) | 258 (60%) |
| New | | 165 (39%) | 170 (40%) |
| Retired | 57 (18%) | | 2 |
| Overall Total NEMSIS Version 3 Data Elements | 425 | 578 | 585 |
| Existing (version 2.2.1) | 346 (81%) | 347 (60%) | 345 (59%) |
| New | | 232 (40%) | 240 (41%) |
| Retired | 79 (19%) | | 2 |

NEMSIS Version 3 Element Configuration

Total Elements including the Custom Elements: 585

Excluding the 12 Demographic & 12 EMS (ePCR) Custom Elements = 561

| | | | | | |
|--------------------------------------|------------|--------------------------------------|------------|--------------------------------------|------------|
| Total National Elements | 165 | Total State Elements | 104 | Total "Other" Element | 316 |
| Mandatory | 37 | Recommended | 83 | Excluding the custom elements | 292 |
| Required | 128 | Optional | 21 | Demographic (Agency) Elements | 90 |
| Demographic (Agency) Elements | 35 | Demographic (Agency) Elements | 32 | Excluding the custom elements | 78 |
| Mandatory | 22 | Recommended | 32 | EMS (ePCR) Elements | 226 |
| Required | 13 | Optional | 0 | Excluding the custom elements | 214 |
| EMS (ePCR) Elements | 130 | EMS (ePCR) Elements | 72 | | |
| Mandatory | 15 | Recommended | 51 | | |
| Required | 115 | Optional | 21 | | |

NEMSIS Version 3.2.1 Data Dictionary Content

**Note: The numbers to the right of the content listed below represent the location for each element on the Sample Page of the Data Dictionary (page vi).

Data Element Number (#1)

The NEMSIS Version 3 element numbering system has been revised to improve the information that can be derived from just the data element number. An example of a data element number is dAgency.01.

- The data element number begins with either a "d" representing the demographic (agency) section or an "e" representing the EMS PCR section.
- A one word descriptor for each section is now included in the data element number.
- A period separates the section (e.g. dAgency) from the data element number (e.g. 01).

Data Element Name (#3)

The name for the data element.

National and State Element Indicator (#2, #5, #6)

National = Yes, is an indication that the data element is required to be collected:

- at the local EMS agency level and submitted to the state

State = Yes, is an indication that the data element is recommended to be collected at the "State" level.

Data Element Definition (#4)

The definition for the data element.

Version 2 Number (#7)

The NEMSIS Version 2.2.1 Data Element Number.

If the Data Element is new to Version 3.2.1, the Version 2 Number will be blank.

Data Structure Information

Recurrence (#12)

- Indication that the data element can have more than one value.
Represented by two characters separated by a colon. The configuration includes:
0:1 = element is not required and can occur only once
0:M = element is not required and can repeat multiple times
1:1 = element is required and can occur only once
1:M = element is required and can repeat multiple times

Usage (#8)

- Indication of when the data element is expected to be collected.
Mandatory = Must be completed and does not allow for NOT values
Required = Must be completed and allows NOT values
Recommended = Does not need to be completed and allows NOT values
Optional = Does not need to be completed and does not allow for NOT values

NOT Value Characteristics (#10)

- Indication that the data element can have NOT values.
- NOT Values are used (where permitted) to document that a data element was not applicable to the EMS response / request for service, was not or could not be completed.
- NOT Values are documented as "an attribute" of an element. It allows the documentation of NOT value when a "real" value is not documented. (*Please reference the NEMSIS White Paper describing the use of NOT Values, Pertinent Negatives, and Null.*)

NOT Values Accepted (#14)

- Indication of which of the following three NOT values is acceptable.
- Not all data elements accept NOT values.
- NOT Values have been condensed in Version 3.

Not Applicable = *The data element is not applicable or pertinent to the EMS event.*

Not Recorded = *If a data element was unintentionally left blank the EMS software should auto-populate it with "Not Recorded".*

Not Reporting = *The data element is not collected by the EMS agency or state. This NOT value does not apply to National elements where "Usage = Required".*

Pertinent Negative Values (PN) (#9, #14)

- A list of Pertinent Negative Values which can be associated with a data element.
- Not all data elements accept Pertinent Negative Values.
- Pertinent Negative Values are documented as "an attribute" of an element. It allows the documentation of pertinent negative value in addition to the documentation of a "real" value. (*Please reference the NEMSIS White Paper describing the use of NOT Values, Pertinent Negatives, and Null.*)

- Example of use:

Example #1 - Aspirin Administration:

If the medication Aspirin is part of the agency protocol for Chest Pain but was not administered by the responding crew, the reason why should be documented. This is done through the use of Pertinent Negative Values. If the patient took the Aspirin prior to the EMS arrival on scene, the value "Medication Already Taken" should be documented in addition to "Aspirin".

Is Nillable (#11)

- Indication that the element can accept a "blank" value.
- If the element is left "blank" the software must submit an appropriate value of one of the two attributes: Pertinent Negative or NOT Values.

Associated Performance Measure Initiatives (#13)

Indication that the data element has value in describing, defining, or measuring EMS from a performance perspective. Performance Measures can be associated with EMS service delivery, patient care, or both. The following service delivery or time dependent illness/injury performance measure topics have been included in NEMSIS Version 3:

- Airway - Airway Management
- Cardiac Arrest - Out of Hospital Cardiac Arrest
- Pediatric - Acute Pediatric Care
- Response - EMS Response Time
- STEMI - ST Elevation Myocardial Infarction (STEMI)
- Stroke - Acute Stroke Care
- Trauma - Acute Injury/Trauma Care

Attributes (#14)

An attribute provides extra information within an element. For information related to the first three attributes please see the NEMSIS document 'How to Utilize NEMSIS V3 "NOT values/pertinent negatives/nillable"'. The following are possible attributes:

- PN (Pertinent Negative)
 - 8801001 - Contraindication Noted
 - 8801003 - Denied By Order
 - 8801005 - Exam Finding Not Present
 - 8801007 - Medication Allergy
 - 8801009 - Medication Already Taken
 - 8801013 - No Known Drug Allergy

8801015 - None Reported
8801017 - Not Performed by EMS
8801019 - Refused
8801021 - Unresponsive
8801023 - Unable to Complete

- NV (Not Value)
 - 7701001 - Not Applicable
 - 7701003 - Not Recorded
 - 7701005 - Not Reporting
- Nillable xsi:nil="true"
- Code Type
 - 3001001 = No
 - 3001003 = Yes, Prior to EMS Arrival
 - 3001005 = Yes, After EMS Arrival
- CorrelationID
 - Data Type = String
 - minLength = 0
 - maxLength = 255
- DistanceUnit
 - 9921001 - Kilometers
 - 9921003 - Miles
- EmailAddressType
 - 9904001 - Personal
 - 9904003 - Work
- nemsisCode
 - Data Type = String
- nemsisElement
 - Data Type = String
- nemsisValueDescription
 - Data Type = String
- PhoneNumberType
 - 9913001 - Fax
 - 9913003 - Home
 - 9913005 - Mobile
 - 9913007 - Pager
 - 9913009 - Work
- ProcedureGroupCorrelationID
 - Data Type = CorrelationID
- StreetAddress2
 - Data Type = String

minLength = 1
maxLength = 255

- **TIMESTAMP**

Data Type = DateTime
minValue = 1950-01-01T00:00:00-00:00
maxValue = 2050-01-01T00:00:00-00:00

- **VelocityUnit**

9921001 - Kilometers per Hour
9921003 - Miles per Hour

Code List (#16)

A list of values associated with the data element. Not all data elements have predefined value sets.

Codes for each value:

- The codes are based on a 7-digit number, in a 2-2-3 pattern (without dashes).
The first set of two numbers represent the data section
The second set of two numbers represent the element number
The last set is a 3-digit number for each value beginning at 001; The codes increase in increments of two (2).
- Codes are typically sequential (by two) and alphabetical. Some ordering is provided in an effort to present information based on workflow.
- Several values and codes reference external standards such as ICD-10, RxNorm, SNOMED, etc. NEMSIS will assist in providing a recommended list of EMS specific values and codes from these larger standards for most elements using these external standards.

Data Element Editorial Comments (#17)

Comments are provided to describe additions, changes, clarifications, or provide additional insight into the data element.

Version 3 Changes Implemented (#18)

Comments providing insight into specific Version 3 changes such as new or revised data elements.

Element Deprecated (#19)

Elements that are signified as "deprecated" will be removed from a future version of the NEMSIS standard. Their use should now be avoided, but will be supported until they are removed from the standard.

NEMSIS Version 3 Description

NEMSIS Version 3 includes several new types of information to better describe EMS from an industry, workforce, EMS service delivery, and patient care perspective. Examples of new Version 3 content include:

Demographic (Agency) Content

EMS Agencies can list more than one state in which they offer EMS service delivery.
EMS Agencies can indicate multiple Agency numbers.
Multiple EMS Agency contacts can now be managed within the Demographic Section.
EMS Agency Location and GIS information has been enhanced.

EMS Professional and Workforce information has been enhanced.

EMS (PCR) Content

EMS Crew level information has been enhanced

Scene location information has been enhanced to improve geo-coding and location analysis.

Provider Impression (diagnosis), Symptoms, Cause of Injury, Medical/Surgical History, and Incident Location are now based on ICD-10.

Procedures are now based on SNOMED.

Medications are now stored using the RxNorm standard

Cardiac Arrest information has been enhanced to add focus on CPR and post arrest cooling.

Automated Collision Notification information has been included.

The data elements required to document and evaluate the CDC Field Triage Algorithm for trauma have been included.

Vital Sign and patient monitoring information have been enhanced

A new section for Laboratory and Diagnostic Imaging results has been added.

The Exam section has been reconfigured to improve documentation and ease of use.

Much of the medical device information has been mapped into the vital sign section for direct import via the XML standard.

Inclusion of electronic signatures and external electronic documents.

An Airway section has been added to better document and evaluate airway management.

Improved Work Related Illness and Injury documentation capability.

Disposition information has been enhanced especially associated with Specialty Centers and time dependent illness/injury Systems of Care.

EMS Response and Transport Modes have been enhanced to better define emergent, non-emergent, scheduled, and non-scheduled variation.

Additional EMS Response and Transport Mode Descriptors have been added to allow for documentation of Lights and Sirens Use and Intersection Navigation tools.

The Payment/Billing section has been greatly expanded to meet current electronic billing requirements.

Outcome information has been expanded to include additional Emergency Department and Hospital Outcome information (often obtained through linkage).

General Improvements

Version 3 content has focused on objective performance measures to better describe and evaluate EMS service delivery and patient care.

State level configuration and customized data elements have been enhanced without changing the NEMSIS Version 3 Standard.

3 eMedications.01 - Date/Time Medication Administered

4 Definition

The date/time medication administered to the patient

| | | | | |
|---------------------|----------|--------------------------|-------|----|
| 5 National Element | Yes | Pertinent Negatives (PN) | Yes | 9 |
| 6 State Element | Yes | NOT Values | Yes | 10 |
| 7 Version 2 Element | E18_01 | Is Nillable | Yes | 11 |
| 8 Usage | Required | Recurrence | 1 : M | 12 |

13 Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

14 Attributes

NOT Values

7701001 - Not Applicable 7701003 - Not Recorded 7701005 - Not Reporting

Pertinent Negatives

8801001 - Contraindication Noted 8801003 - Denied By Order 8801007 - Medication Allergy
8801009 - Medication Already Taken 8801019 - Refused 8801023 - Unable to Complete

Email Address

9904001 - Personal 9904003 - Work

Phone Number

9913001 - Fax 9913003 - Home 9913005 - Mobile 9913007 - Pager 9913009 - Work

Current Status

A - Active I - Inactive

Current Status Date

Data Type: DateTime **minInclusive:** 1950-01-01T00:00:00 **maxInclusive:** 2050-01-01T00:00:00

Pattern: [0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+|-)[0-9]{2}:[0-9]{2}

Correlation ID

Data Type: String **minLength:** 0 **maxLength:** 255

15 Constraints

| Data Type | minValue | maxValue |
|-----------|---------------------|---------------------|
| dateTime | 1950-01-01T00:00:00 | 2050-01-01T00:00:00 |

Pattern

[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+|-)[0-9]{2}:[0-9]{2}

16 Code List

Code Description

SSEE001 Value A

SSEE003 Value B

SSEE005 Value C

17 Data Element Comment

Comments for this element

18 Version 3 Changes Implemented

Version 3 Changes implemented for this element

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DEMDataSet

| | | | |
|--------|----------------|---|---------|
| Legend | Dataset Level: | N National | S State |
| | Usage: | M = Mandatory , R = Required , E = Recommended, or O = Optional | |
| | Attributes: | N = Not Values, P = Pertinent Negatives , L = Nillable, and/or C = Correlation ID | |

DEMDataSet

| | |
|-------|-------------------|
| 1 : M | DemographicReport |
| 1 : 1 | dAgency |
| 1 : 1 | dConfiguration |

DEMDataSet

EMSDataset

Legend

Dataset Level:

N

National

S

State

Usage:

M

Mandatory

R

Required

E

Recommended

O

Optional

Attributes:

N

N = Not Values

P

P = Pertinent Negatives

L

L = Nillable

C

C = Correlation ID

| EMSDDataSet | | | | | | | | | | | |
|-------------|------------------|---|--|--|--|--|--|--|---|---|---|
| 1 : M | Header | | | | | | | | | | |
| 1 : 1 | DemographicGroup | | | | | | | | | | |
| | 1 : 1 | dAgency.01 - EMS Agency Unique State ID | | | | | | | N | S | M |
| | 1 : 1 | dAgency.02 - EMS Agency Number | | | | | | | N | S | M |
| | 1 : 1 | dAgency.04 - EMS Agency State | | | | | | | N | S | M |
| | 1 : M | PatientCareReport | | | | | | | | | |
| | 1 : 1 | eRecord | | | | | | | | | |
| | 1 : 1 | eResponse | | | | | | | | | |
| | 1 : 1 | eDispatch | | | | | | | | | |
| | 1 : 1 | eTimes | | | | | | | | | |
| | 1 : 1 | ePatient | | | | | | | | | |
| | 1 : 1 | ePayment | | | | | | | | | |
| | 1 : 1 | eScene | | | | | | | | | |
| | 1 : 1 | eSituation | | | | | | | | | |
| | 1 : 1 | eInjury | | | | | | | | | |
| | 1 : 1 | eArrest | | | | | | | | | |
| | 1 : 1 | eHistory | | | | | | | | | |
| | 1 : 1 | eVitals | | | | | | | | | |
| | 1 : 1 | eProtocols | | | | | | | | | |
| | 1 : 1 | eMedications | | | | | | | | | |
| | 1 : 1 | eProcedures | | | | | | | | | |
| | 1 : 1 | eDisposition | | | | | | | | | |
| 1 : 1 | eOutcome | | | | | | | | | | |
| 1 : 1 | eOther | | | | | | | | | | |
| EMSDDataSet | | | | | | | | | | | |

dAgency

Legend

Dataset Level: N National S State D Deprecated

Usage: M = Mandatory, R = Required, E = Recommended, or O = Optional

Attributes: N = Not Values, P = Pertinent Negatives, L = Nillable, and/or C = Correlation ID

dAgency

| | | | | |
|-------|--|------------------------------------|---------------------------------------|--|
| 1 : 1 | dAgency.01 - EMS Agency Unique State ID | N | S | M |
| 1 : 1 | dAgency.02 - EMS Agency Number | N | S | M |
| 1 : 1 | dAgency.04 - EMS Agency State | N | S | M |
| 1 : M | dAgency.AgencyServiceGroup | | | |
| 1 : 1 | dAgency.05 - EMS Agency Service Area States | N | S | M |
| 1 : M | dAgency.06 - EMS Agency Service Area County(s) | N | S | M |
| 1 : M | dAgency.07 - EMS Agency Census Tracts | N | S | R N, L |
| 1 : M | dAgency.08 - EMS Agency Service Area ZIP Codes | N | S | R N, L |
| 1 : 1 | dAgency.09 - Primary Type of Service | N | S | M |
| 1 : 1 | dAgency.11 - Level of Service | N | S | M |
| 1 : 1 | dAgency.12 - Organization Status | N | S | M |
| 1 : 1 | dAgency.13 - Organizational Type | N | S | M |
| 1 : 1 | dAgency.14 - EMS Agency Organizational Tax Status | N | S | M |
| 1 : M | dAgency.AgencyYearGroup | | | |
| 1 : 1 | dAgency.15 - Statistical Calendar Year | N | S | M |
| 1 : 1 | dAgency.16 - Total Primary Service Area Size | N | S | R N, L |
| 1 : 1 | dAgency.17 - Total Service Area Population | N | S | R N, L |
| 1 : 1 | dAgency.18 - 911 EMS Call Center Volume per Year | N | S | R N, L |
| 1 : 1 | dAgency.19 - EMS Dispatch Volume per Year | N | S | R N, L |
| 1 : 1 | dAgency.20 - EMS Patient Transport Volume per Year | N | S | R N, L |
| 1 : 1 | dAgency.21 - EMS Patient Contact Volume per Year | N | S | R N, L |
| 1 : M | dAgency.25 - National Provider Identifier | N | S | R N, L |
| 1 : M | dAgency.26 - Fire Department ID Number | N | S | R N, L |

dAgency

State

National

dAgency.01 - EMS Agency Unique State ID

Definition

The unique ID assigned to the EMS Agency which is associated with all state licensure numbers and information.

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Constraints

| Data Type | minLength | maxLength |
|-----------|-----------|-----------|
| string | 1 | 50 |

Data Element Comment

This may be the EMS Agency Name or a unique number assigned by the state EMS office. This is required to document multiple license types and numbers associated with the same EMS Agency.

State

National

dAgency.02 - EMS Agency Number

Definition

The state-assigned provider number of the responding agency

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | D01_01 | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Constraints

| Data Type | minLength | maxLength |
|-----------|-----------|-----------|
| string | 1 | 15 |

Data Element Comment

This is the primary identifier for the entire Demographic Section. Each of the Demographic sections must be associated with an EMS Agency Number. An EMS Agency can have more than one Agency Number within a state. This reflects the ability for an EMS Agency to have a different number for each service type or location (based on state implementation). The EMS Agency Number in dAgency.02 can be used to auto-populate eResponse.01 EMS Agency Number in the EMS Event section.

State

National

dAgency.04 - EMS Agency State

Definition

The state/territory which assigned the EMS agency number.

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | D01_03 | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Constraints

| | |
|------------------|---------------|
| Data Type | length |
| string | 2 |

Data Element Comment

This has been clarified to reflect that it is the state in which the EMS Agency resides and the state associated with the EMS Agency number.

GNIS Codes Website: http://geonames.usgs.gov/domestic/download_data.htm

State

National

dAgency.05 - EMS Agency Service Area States

Definition

The states in which the EMS Agency provides services including the state associated with the EMS Agency Number.

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : 1 |

Constraints

| | |
|------------------|---------------|
| Data Type | length |
| string | 2 |

Data Element Comment

Element added to document all of the states in which the EMS agency provides services. Each state listed is associated with the counties, census tracts, and ZIP codes within the EMS Agency Service Area for each state.

GNIS Codes Website: http://geonames.usgs.gov/domestic/download_data.htm

State

National

dAgency.06 - EMS Agency Service Area County(s)

Definition

The county(s) within each state for which the agency formally provides service.

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | D01_04 | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : M |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Constraints

| Data Type | length |
|-----------|--------|
| string | 5 |

Data Element Comment

Each state listed is associated with the counties, census tracts, and ZIP codes within the EMS Agency Service Area for each state. County codes are based on ISO/ANSI codes. It is a 5-digit code based on state (2-digit) and county (5-digit).

GNIS Codes Website: http://geonames.usgs.gov/domestic/download_data.htm

State

National

dAgency.07 - EMS Agency Census Tracts

Definition

The US census tracts in which the EMS agency formally provides service.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : M |

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Constraints

| Data Type | maxLength | minLength |
|-----------|-----------|-----------|
| string | 15 | 1 |

Data Element Comment

This data element was added to better document the service area of the EMS Agency. Each state listed is associated with the counties, census tracts, and ZIP codes within the EMS Agency Service Area for each state.

Census Tract Data Website (files and descriptions): http://www.census.gov/geo/www/2010census/tract_rel/tract_rel.html

State

National

dAgency.08 - EMS Agency Service Area ZIP Codes

Definition

The ZIP codes for the EMS Agency's service area.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : M |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

Pattern

[0-9]{5}||[0-9]{5}-[0-9]{4}||[0-9]{5}-[0-9]{5}||[A-Z][0-9][A-Z] [0-9][A-Z][0-9]

Data Element Comment

This data element was added to better document the service area of the EMS Agency. Each state listed is associated with the counties, census tracts, and ZIP codes within the EMS Agency Service Area for each state.

Zip Codes Product Website: <https://www.zipcodedownload.com/Products/Product/Z5Commercial/Standard/Overview/>
Product: USA - 5-digit ZIP Code Database, Commercial Edition

State

National

dAgency.09 - Primary Type of Service

Definition

The primary service type provided by the agency.

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | D01_05 | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

| Code | Description |
|---------|--|
| 9920001 | 911 Response (Scene) with Transport Capability |
| 9920003 | 911 Response (Scene) without Transport Capability |
| 9920005 | Air Medical |
| 9920007 | ALS Intercept |
| 9920009 | Critical Care Ground Support |
| 9920011 | Hazmat |
| 9920013 | Medical Transport (Convalescent, Interfacility Transfer Hospital and Nursing Home) |
| 9920015 | Rescue |
| 9920017 | Community Paramedicine |

Data Element Comment

The Primary Type of Service is associated with each of the EMS Agency Numbers.

State

National

dAgency.11 - Level of Service

Definition

The level of service which the agency provides EMS care for every request for service (the minimum certification level). This may be the license level granted by the state EMS office.

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | D01_07 | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

| Code | Description |
|---------|---|
| 9917001 | 2009 Advanced Emergency Medical Technician (AEMT) |
| 9917003 | 2009 Emergency Medical Responder (EMR) |
| 9917005 | 2009 Emergency Medical Technician |
| 9917007 | 2009 Paramedic |
| 9917009 | First Responder |
| 9917011 | EMT-Basic |
| 9917013 | EMT-Intermediate |
| 9917015 | EMT-Paramedic |
| 9917017 | Nurse |
| 9917019 | Physician |
| 9917021 | Critical Care Paramedic |
| 9917023 | Community Paramedicine |

Data Element Comment

The Level of Service is associated with the specific EMS Agency Number (dAgency.02) for the EMS Agency. For example a BLS licensed ambulance service (EMT-Basic) with EMT-Intermediate or EMT-Paramedic on staff, the appropriate level of service is "EMT-Basic". This is because the care provided to patients is limited to BLS skills.

The category EMT-Intermediate includes EMS professionals with an "85" or "99" certification level.

State

National

dAgency.12 - Organization Status

Definition

The primary organizational status of the agency. The definition of Volunteer or Non-Volunteer is based on state or local definitions.

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | D01_09 | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

| Code | Description |
|---------|---------------|
| 1016001 | Mixed |
| 1016003 | Non-Volunteer |
| 1016005 | Volunteer |

Data Element Comment

The Organizational Status is associated with the EMS Agency and the specific EMS Agency Number (dAgency.02).

State

National

dAgency.13 - Organizational Type

Definition

The organizational structure from which EMS services are delivered (fire, hospital, county, etc.)

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | D01_08 | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

| Code | Description |
|---------|------------------------|
| 9912001 | Fire Department |
| 9912003 | Governmental, Non-Fire |
| 9912005 | Hospital |
| 9912007 | Private, Nonhospital |
| 9912009 | Tribal |

Data Element Comment

Organizational Type is associated with the EMS Agency and the specific EMS Agency Number (dAgency.02).

State

National

dAgency.14 - EMS Agency Organizational Tax Status

Definition

The EMS Agencies business/corporate organizational tax status

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

| Code | Description |
|---------|------------------------|
| 1018001 | For Profit |
| 1018003 | Other (ex: Government) |
| 1018005 | Not For Profit |

Data Element Comment

Associated with the EMS Agency for the specific EMS Agency Number (dAgency.02).

State

National

dAgency.15 - Statistical Calendar Year

Definition

The calendar year to which the information pertains for the EMS Agency and the specific EMS Agency Number (dAgency.02).

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | D01_10 | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : 1 |

Constraints

| | | |
|------------------|---------------------|---------------------|
| Data Type | minInclusive | maxInclusive |
| integer | 1900 | 2050 |

Data Element Comment

Added Calendar Year to the definition to remove confusion noted in draft comments. Will allow multiple entry to allow data to be stored on several years. This statistical information is associated with the EMS Agency's specific EMS Agency Number (dAgency.02) and elements dAgency.16 through dAgency.22

State

National

dAgency.16 - Total Primary Service Area Size

Definition

The total square miles in the agency's service area.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | D01_12 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

| Data Type | minInclusive | maxInclusive |
|-----------------|--------------|--------------|
| positiveInteger | 1 | 4,000,000 |

Data Element Comment

This statistical information is associated with the EMS Agency's specific EMS Agency Number (dAgency.02). A value should be associated with each with (dAgency.15) Statistical Calendar Year

State

National

dAgency.17 - Total Service Area Population

Definition

The total population in the agency's service area based if possible on year 2010 census data.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | D01_13 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

| | | |
|------------------|---------------------|---------------------|
| Data Type | minInclusive | maxInclusive |
| positiveInteger | 1 | 4,000,000 |

Data Element Comment

This statistical information is associated with the EMS Agency's specific EMS Agency Number (dAgency.02). A value should be associated with each with (dAgency.15) Statistical Calendar Year.

State

National

dAgency.18 - 911 EMS Call Center Volume per Year

Definition

The number of EMS dispatches per year based on last calendar year.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | D01_14 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

| Data Type | minInclusive | maxInclusive |
|-----------------|--------------|--------------|
| positiveInteger | 1 | 4,000,000 |

Data Element Comment

This statistical information is associated with the EMS Agency's specific EMS Agency Number (dAgency.02). A value should be associated with each with (dAgency.15) Statistical Calendar Year.

Version 3 Changes Implemented

Name Clarified with "Call Center"

State

National

dAgency.19 - EMS Dispatch Volume per Year

Definition

The number of EMS dispatches per based on last calendar year.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | D01_15 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

| Data Type | minInclusive | maxInclusive |
|-----------------|--------------|--------------|
| positiveInteger | 1 | 4,000,000 |

Data Element Comment

This statistical information is associated with the EMS Agency's specific EMS Agency Number (dAgency.02). A value should be associated with each with (dAgency.15) Statistical Calendar Year.

State

National

dAgency.20 - EMS Patient Transport Volume per Year

Definition

The number of EMS transports per year based on last calendar year.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | D01_16 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

| | | |
|------------------|---------------------|---------------------|
| Data Type | minInclusive | maxInclusive |
| positiveInteger | 1 | 4,000,000 |

Data Element Comment

This statistical information is associated with the EMS Agency's specific EMS Agency Number (dAgency.02). A value should be associated with each with (dAgency.15) Statistical Calendar Year.

State

National

dAgency.21 - EMS Patient Contact Volume per Year

Definition

The number of EMS patient contacts per year based on last calendar year.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | D01_17 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

| Data Type | minInclusive | maxInclusive |
|-----------------|--------------|--------------|
| positiveInteger | 1 | 4,000,000 |

Data Element Comment

This statistical information is associated with the EMS Agency's specific EMS Agency Number (dAgency.02). A value should be associated with each with (dAgency.15) Statistical Calendar Year.

State

National

dAgency.25 - National Provider Identifier

Definition

The National Provider Identifier associated with National Provider System (NPS) and used in all standard HIPPA transactions such as electronic claim filing.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | D01_21 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : M |

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Constraints

| | |
|------------------|---------------|
| Data Type | length |
| string | 10 |

Data Element Comment

State

National

dAgency.26 - Fire Department ID Number

Definition

The state assigned Fire Department ID Number for EMS Agency(s) operating within a Fire Department.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : M |

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Constraints

| Data Type | minLength | maxLength |
|-----------|-----------|-----------|
| string | 1 | 20 |

Data Element Comment

Fire Department ID was added to better integrate Fire Department EMS Agencies and linkage to other EMS related data systems such as NFIRS.

Version 3 Changes Implemented

Added to better associate Fire and EMS licensure and operational identifiers.

dConfiguration

Legend

Dataset Level: N National S State D Deprecated

Usage: M = Mandatory, R = Required, E = Recommended, or O = Optional

Attributes: N = Not Values, P = Pertinent Negatives, L = Nillable, and/or C = Correlation ID

dConfiguration

| | | | | | |
|-------|--|---|--|--|--|
| 1 : M | dConfiguration.ConfigurationGroup | | | | |
| 1 : 1 | dConfiguration.01 - State Associated with the Certification/Licensure Levels | N | S | M | |
| 1 : M | dConfiguration.02 - State Certification Licensure Levels | N | S | M | |
| 1 : M | dConfiguration.03 - Procedures Permitted by the State | N | S | R | N, L |
| 1 : M | dConfiguration.04 - Medications Permitted by the State | N | S | R | N, L |
| 1 : M | dConfiguration.05 - Protocols Permitted by the State | N | S | R | N, L |
| 1 : M | dConfiguration.ProcedureGroup | | | | |
| 1 : 1 | dConfiguration.06 - EMS Certification Levels Permitted to Perform Each Procedure | N | S | M | |
| 1 : M | dConfiguration.07 - EMS Agency Procedures | N | S | M | |
| 1 : M | dConfiguration.MedicationGroup | | | | |
| 1 : 1 | dConfiguration.08 - EMS Certification Level Permitted to Administer Each Medication | N | S | M | |
| 1 : M | dConfiguration.09 - EMS Agency Medications | N | S | M | |
| 1 : M | dConfiguration.10 - EMS Agency Protocols | N | S | M | |
| 1 : M | dConfiguration.11 - EMS Agency Specialty Service Capability | N | S | M | |
| 1 : 1 | dConfiguration.13 - Emergency Medical Dispatch (EMD) Provided to EMS Agency Service Area | N | S | M | |
| 1 : M | dConfiguration.15 - Patient Monitoring Capability(s) | N | S | M | |
| 1 : M | dConfiguration.16 - Crew Call Sign | N | S | M | |

dConfiguration

State

National

dConfiguration.01 - State Associated with the Certification/Licensure Levels

Definition

The state associated with the state certification/licensure levels.

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : 1 |

Constraints

| | |
|------------------|---------------|
| Data Type | length |
| string | 2 |

Data Element Comment

Associated with the state (dAgency.01 - EMS Agency State).

GNIS Codes Website: http://geonames.usgs.gov/domestic/download_data.htm

The state EMS system does not need to import this information into their database. Reference the Demographic Dataset Submission Guide for further details.

State

National

dConfiguration.02 - State Certification Licensure Levels

Definition

All of the potential levels of certification/licensure for EMS personnel recognized by the state.

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | D04_01 | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : M |

Code List

| Code | Description |
|---------|---|
| 9911001 | 2009 Advanced Emergency Medical Technician (AEMT) |
| 9911003 | 2009 Emergency Medical Responder (EMR) |
| 9911005 | 2009 Emergency Medical Technician |
| 9911007 | 2009 Paramedic |
| 9911009 | EMT-Basic |
| 9911011 | EMT-Intermediate |
| 9911013 | EMT-Paramedic |
| 9911015 | First Responder |
| 9911017 | Nurse |
| 9911019 | Other |
| 9911021 | Physician |
| 9911023 | Critical Care Paramedic |
| 9911025 | Community Paramedicine |

Data Element Comment

The new 2009 Education Levels have been added. The category EMT-Intermediate includes EMS professionals with an "85" or "99" certification level.

The state EMS system does not need to import this information into their database. Reference the Demographic Dataset Submission Guide for further details.

State

National

dConfiguration.03 - Procedures Permitted by the State

Definition

A list of all of the procedures permitted by the EMS Agency's licensing state.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : M |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

| Data Type | maxInclusive | minInclusive |
|-----------|--------------|--------------|
| integer | 1000000000 | 100000 |

Data Element Comment

This data element should capture all of the procedures permitted by the state for any/all levels of EMS personnel in the state. This is associated with the EMS Agency State (dAgency.01). This is related to the EMS Agency's procedures (dConfiguration.07) which have been implemented within the EMS System.

State EMS systems which have regulatory authority to determine the procedures statewide may identify SNOMEDCT procedure codes based on medical direction and their own need.

Code list is represented in SNOMEDCT: Reference the NEMSIS Suggested Lists at: <http://nemsis.org/v3/resources.html>

SNOMEDCT

Website: http://www.nlm.nih.gov/research/umls/Snomed/snomed_main.html

Product: Product - UMLS Metathesaurus

The EMS agency should submit "Not Applicable" and "Nil" to the state system for the demographic export. The state EMS system does not need to import this information into their database. It is the responsibility of the state to submit this element to the national EMS database (NEMSIS). Reference the Demographic Dataset Submission Guide for further details.

State

National

dConfiguration.04 - Medications Permitted by the State

Definition

A list of all of the medications permitted by the state to be used by each EMS state certification/licensure level.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : M |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

| Data Type | minLength | maxLength |
|-----------|-----------|-----------|
| string | 2 | 7 |

Data Element Comment

This data element should capture all of the medications permitted by the state for any/all levels of EMS personnel in the state. This should be stored as an RxNorm (RXCUI) Code. This is associated with the EMS Agency State (dAgency.01).

The EMS agency should submit "Not Applicable" and "Nil" to the state system for the demographic export. The state EMS system does not need to import this information into their database. It is the responsibility of the state to submit this element to the national EMS database (NEMSIS). Reference the Demographic Dataset Submission Guide for further details.

Version 3 Changes Implemented

State EMS systems which have regulatory authority to identify medications to be administered within the state may identify specific RxNorm codes based on medical direction and their own need.

List of medications based on RxNorm (RXCUI) code.

Reference the NEMSIS Suggested Lists at: <http://nemsis.org/v3/resources.html>

RxNorm

Website - <http://uts.nlm.nih.gov>

Product - UMLS Metathesaurus

Website - <http://www.nlm.nih.gov/research/umls/rxnorm/docs/rxnormfiles.html>

Product - RxNorm Full Monthly Release

State

National

dConfiguration.05 - Protocols Permitted by the State

Definition

A list of all of the protocols permitted by the state.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : M |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|--|
| 9914001 | Airway |
| 9914003 | Airway-Failed |
| 9914005 | Airway-Obstruction/Foreign Body |
| 9914007 | Airway-Rapid Sequence Induction (RSI-Paralytic) |
| 9914009 | Airway-Sedation Assisted (Non-Paralytic) |
| 9914011 | Cardiac Arrest-Asystole |
| 9914013 | Cardiac Arrest-Hypothermia-Therapeutic |
| 9914015 | Cardiac Arrest-Pulseless Electrical Activity |
| 9914017 | Cardiac Arrest-Ventricular Fibrillation/ Pulseless Ventricular Tachycardia |
| 9914019 | Cardiac Arrest-Post Resuscitation Care |
| 9914021 | Environmental-Altitude Sickness |
| 9914023 | Environmental-Cold Exposure |
| 9914025 | Environmental-Frostbite/Cold Injury |
| 9914027 | Environmental-Heat Exposure/Exhaustion |
| 9914029 | Environmental-Heat Stroke/Hyperthermia |
| 9914031 | Environmental-Hypothermia |
| 9914033 | Exposure-Airway/Inhalation Irritants |
| 9914035 | Exposure-Biological/Infectious |
| 9914037 | Exposure-Blistering Agents |
| 9914039 | Exposure-Carbon Monoxide/Smoke Inhalation |
| 9914041 | Exposure-Chemicals to Eye |
| 9914043 | Exposure-Cyanide |
| 9914045 | Exposure-Explosive/ Blast Injury |
| 9914047 | Exposure-Nerve Agents |
| 9914049 | Exposure-Radiologic Agents |
| 9914051 | General-Back Pain |
| 9914053 | General-Behavioral/Patient Restraint |
| 9914055 | General-Cardiac Arrest |
| 9914057 | General-Dental Problems |
| 9914059 | General-Epistaxis |
| 9914061 | General-Fever |
| 9914063 | General-Individualized Patient Protocol |
| 9914065 | General-Indwelling Medical Devices/Equipment |
| 9914067 | General-IV Access |
| 9914069 | General-Medical Device Malfunction |
| 9914071 | General-Pain Control |
| 9914073 | General-Spinal Immobilization/Clearance |
| 9914075 | General-Universal Patient Care/ Initial Patient Contact |
| 9914077 | Injury-Amputation |
| 9914079 | Injury-Bites and Envenomations-Land |
| 9914081 | Injury-Bites and Envenomations-Marine |
| 9914083 | Injury-Bleeding/ Hemorrhage Control |

| | |
|---------|--|
| 9914085 | Injury-Burns-Thermal |
| 9914087 | Injury-Cardiac Arrest |
| 9914089 | Injury-Crush Syndrome |
| 9914091 | Injury-Diving Emergencies |
| 9914093 | Injury-Drowning/Near Drowning |
| 9914095 | Injury-Electrical Injuries |
| 9914097 | Injury-Extremity |
| 9914099 | Injury-Eye |
| 9914101 | Injury-Head |
| 9914103 | Injury-Impaled Object |
| 9914105 | Injury-Multisystem |
| 9914107 | Injury-Spinal Cord |
| 9914109 | Medical-Abdominal Pain |
| 9914111 | Medical-Allergic Reaction/Anaphylaxis |
| 9914113 | Medical-Altered Mental Status |
| 9914115 | Medical-Bradycardia |
| 9914117 | Medical-Cardiac Chest Pain |
| 9914119 | Medical-Diarrhea |
| 9914121 | Medical-Hyperglycemia |
| 9914123 | Medical-Hypertension |
| 9914125 | Medical-Hypoglycemia/Diabetic Emergency |
| 9914127 | Medical-Hypotension/Shock (Non-Trauma) |
| 9914129 | Medical-Influenza-Like Illness/ Upper Respiratory Infection |
| 9914131 | Medical-Nausea/Vomiting |
| 9914133 | Medical-Newborn/ Neonatal Resuscitation |
| 9914135 | Medical-Overdose/Poisoning/Toxic Ingestion |
| 9914137 | Medical-Pulmonary Edema/CHF |
| 9914139 | Medical-Respiratory Distress/Asthma/COPD/Croup/Reactive Airway |
| 9914141 | Medical-Seizure |
| 9914143 | Medical-ST-Elevation Myocardial Infarction (STEMI) |
| 9914145 | Medical-Stroke/TIA |
| 9914147 | Medical-Supraventricular Tachycardia (Including Atrial Fibrillation) |
| 9914149 | Medical-Syncope |
| 9914151 | Medical-Ventricular Tachycardia (With Pulse) |
| 9914153 | Not Done |
| 9914155 | OB/GYN-Childbirth/Labor/Delivery |
| 9914157 | OB/GYN-Eclampsia |
| 9914159 | OB/GYN-Gynecologic Emergencies |
| 9914161 | OB/GYN-Pregnancy Related Emergencies |
| 9914163 | OB/GYN-Post-partum Hemorrhage |
| 9914165 | Other |

Data Element Comment

This data element should capture all of the protocols permitted by the state for any/all levels of EMS personnel in the state. This is associated with the EMS Agency State (dAgency.01).

States can add additional protocols to the list but the additional state protocols must map to these uniform codes.

The list is defined by the NASEMSO State Medical Directors.

The EMS agency should submit "Not Applicable" and "Nil" to the state system for the demographic export. The state EMS system does not need to import this information into their database. It is the responsibility of the state to submit this element to the national EMS database (NEMSIS). Reference the Demographic Dataset Submission Guide for further details.

Version 3 Changes Implemented

Added to better identify states with statewide protocols and define state EMS capability and care.

State

National

dConfiguration.06 - EMS Certification Levels Permitted to Perform Each Procedure

Definition

EMS certification levels which are permitted to perform the procedure listed in dConfiguration.07.

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | D04_05 | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

| Code | Description |
|---------|---|
| 9917001 | 2009 Advanced Emergency Medical Technician (AEMT) |
| 9917003 | 2009 Emergency Medical Responder (EMR) |
| 9917005 | 2009 Emergency Medical Technician |
| 9917007 | 2009 Paramedic |
| 9917009 | First Responder |
| 9917011 | EMT-Basic |
| 9917013 | EMT-Intermediate |
| 9917015 | EMT-Paramedic |
| 9917017 | Nurse |
| 9917019 | Physician |
| 9917021 | Critical Care Paramedic |
| 9917023 | Community Paramedicine |

Data Element Comment

Using each certification level within the agency, indicate the approved procedures allowed utilizing dConfiguration.07 (EMS Agency Procedures).

The category EMT-Intermediate includes EMS professionals with an "85" or "99" certification level.

State

National

dConfiguration.07 - EMS Agency Procedures

Definition

A list of all procedures that the agency has implemented and available for use by any/all EMS certification levels.

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | D04_04 | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : M |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Constraints

| | | |
|------------------|---------------------|---------------------|
| Data Type | maxInclusive | minInclusive |
| integer | 1000000000 | 100000 |

Data Element Comment

This is associated with the EMS Agency Number (dAgency.02) since each EMS Agency Number may have different capabilities. Each procedure is associated with the EMS professional certification levels permitted to perform the procedure.

EMS Agencies may identify additional SNOMEDCT procedure codes based on medical direction and their own need. If an agency resides in a state with statewide approved procedures, they should be listed/implemented here.

Code list is represented in SNOMEDCT: Reference the NEMSIS Suggested Lists at: <http://nemsis.org/v3/resources.html>

SNOMEDCT

Website: http://www.nlm.nih.gov/research/umls/Snomed/snomed_main.html

Product: Product - UMLS Metathesaurus

The EMS agency should submit "Not Applicable" and "Nil" to the state system for the demographic export. The state EMS system does not need to import this information into their database. It is the responsibility of the state to submit this element to the national EMS database (NEMSIS). Reference the Demographic Dataset Submission Guide for further details.

State

National

dConfiguration.08 - EMS Certification Level Permitted to Administer Each Medication

Definition

All EMS certification levels which are permitted to administer the medications listed in dConfiguration.09 (EMS Agency Medications).

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | D04_07 | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

| Code | Description |
|---------|---|
| 9917001 | 2009 Advanced Emergency Medical Technician (AEMT) |
| 9917003 | 2009 Emergency Medical Responder (EMR) |
| 9917005 | 2009 Emergency Medical Technician |
| 9917007 | 2009 Paramedic |
| 9917009 | First Responder |
| 9917011 | EMT-Basic |
| 9917013 | EMT-Intermediate |
| 9917015 | EMT-Paramedic |
| 9917017 | Nurse |
| 9917019 | Physician |
| 9917021 | Critical Care Paramedic |
| 9917023 | Community Paramedicine |

Data Element Comment

Using each certification level within the agency, indicate the approved medications allowed utilizing dConfiguration.09 (EMS Agency Medications).

The category EMT-Intermediate includes EMS professionals with an "85" or "99" certification level.

State

National

dConfiguration.09 - EMS Agency Medications

Definition

A list of all medications the agency has implemented and have available for use.

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | D04_06 | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : M |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Constraints

| Data Type | minLength | maxLength |
|-----------|-----------|-----------|
| string | 2 | 7 |

Data Element Comment

The medication list is stored as the RxNorm (RXCU) Code. This is associated with the EMS Agency Number (dAgency.02) since each EMS Agency Number may have different capabilities.

The EMS agency should submit "Not Applicable" and "Nil" to the state system for the demographic export. The state EMS system does not need to import this information into their database. It is the responsibility of the state to submit this element to the national EMS database (NEMSIS). Reference the Demographic Dataset Submission Guide for further details.

List of medications based on RxNorm (RXCU) code. Reference the NEMSIS Suggested Lists at:
<http://nemsis.org/v3/resources.html>

RxNorm

Website - <http://uts.nlm.nih.gov>

Product - UMLS Metathesaurus

Website - <http://www.nlm.nih.gov/research/umls/rxnorm/docs/rxnormfiles.html>

Product - RxNorm Full Monthly Release

State

National

dConfiguration.10 - EMS Agency Protocols

Definition

A list of all of the EMS field protocols that the agency has in place and available for use.

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | D04_08 | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : M |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

| Code | Description |
|---------|--|
| 9914001 | Airway |
| 9914003 | Airway-Failed |
| 9914005 | Airway-Obstruction/Foreign Body |
| 9914007 | Airway-Rapid Sequence Induction (RSI-Paralytic) |
| 9914009 | Airway-Sedation Assisted (Non-Paralytic) |
| 9914011 | Cardiac Arrest-Asystole |
| 9914013 | Cardiac Arrest-Hypothermia-Therapeutic |
| 9914015 | Cardiac Arrest-Pulseless Electrical Activity |
| 9914017 | Cardiac Arrest-Ventricular Fibrillation/ Pulseless Ventricular Tachycardia |
| 9914019 | Cardiac Arrest-Post Resuscitation Care |
| 9914021 | Environmental-Altitude Sickness |
| 9914023 | Environmental-Cold Exposure |
| 9914025 | Environmental-Frostbite/Cold Injury |
| 9914027 | Environmental-Heat Exposure/Exhaustion |
| 9914029 | Environmental-Heat Stroke/Hyperthermia |
| 9914031 | Environmental-Hypothermia |
| 9914033 | Exposure-Airway/Inhalation Irritants |
| 9914035 | Exposure-Biological/Infectious |
| 9914037 | Exposure-Blistering Agents |
| 9914039 | Exposure-Carbon Monoxide/Smoke Inhalation |
| 9914041 | Exposure-Chemicals to Eye |
| 9914043 | Exposure-Cyanide |
| 9914045 | Exposure-Explosive/ Blast Injury |
| 9914047 | Exposure-Nerve Agents |
| 9914049 | Exposure-Radiologic Agents |
| 9914051 | General-Back Pain |
| 9914053 | General-Behavioral/Patient Restraint |
| 9914055 | General-Cardiac Arrest |
| 9914057 | General-Dental Problems |
| 9914059 | General-Epistaxis |
| 9914061 | General-Fever |
| 9914063 | General-Individualized Patient Protocol |
| 9914065 | General-Indwelling Medical Devices/Equipment |
| 9914067 | General-IV Access |
| 9914069 | General-Medical Device Malfunction |
| 9914071 | General-Pain Control |
| 9914073 | General-Spinal Immobilization/Clearance |
| 9914075 | General-Universal Patient Care/ Initial Patient Contact |
| 9914077 | Injury-Amputation |
| 9914079 | Injury-Bites and Envenomations-Land |
| 9914081 | Injury-Bites and Envenomations-Marine |
| 9914083 | Injury-Bleeding/ Hemorrhage Control |
| 9914085 | Injury-Burns-Thermal |
| 9914087 | Injury-Cardiac Arrest |
| 9914089 | Injury-Crush Syndrome |
| 9914091 | Injury-Diving Emergencies |

9914093 Injury-Drowning/Near Drowning
 9914095 Injury-Electrical Injuries
 9914097 Injury-Extremity
 9914099 Injury-Eye
 9914101 Injury-Head
 9914103 Injury-Impaled Object
 9914105 Injury-Multisystem
 9914107 Injury-Spinal Cord
 9914109 Medical-Abdominal Pain
 9914111 Medical-Allergic Reaction/Anaphylaxis
 9914113 Medical-Altered Mental Status
 9914115 Medical-Bradycardia
 9914117 Medical-Cardiac Chest Pain
 9914119 Medical-Diarrhea
 9914121 Medical-Hyperglycemia
 9914123 Medical-Hypertension
 9914125 Medical-Hypoglycemia/Diabetic Emergency
 9914127 Medical-Hypotension/Shock (Non-Trauma)
 9914129 Medical-Influenza-Like Illness/ Upper Respiratory Infection
 9914131 Medical-Nausea/Vomiting
 9914133 Medical-Newborn/ Neonatal Resuscitation
 9914135 Medical-Overdose/Poisoning/Toxic Ingestion
 9914137 Medical-Pulmonary Edema/CHF
 9914139 Medical-Respiratory Distress/Asthma/COPD/Croup/Reactive Airway
 9914141 Medical-Seizure
 9914143 Medical-ST-Elevation Myocardial Infarction (STEMI)
 9914145 Medical-Stroke/TIA
 9914147 Medical-Supraventricular Tachycardia (Including Atrial Fibrillation)
 9914149 Medical-Syncope
 9914151 Medical-Ventricular Tachycardia (With Pulse)
 9914153 Not Done
 9914155 OB/GYN-Childbirth/Labor/Delivery
 9914157 OB/GYN-Eclampsia
 9914159 OB/GYN-Gynecologic Emergencies
 9914161 OB/GYN-Pregnancy Related Emergencies
 9914163 OB/GYN-Post-partum Hemorrhage
 9914165 Other

Data Element Comment

This is associated with the EMS Agency Number (dAgency.02) since each EMS Agency Number may have different capabilities.

State and local entities can add additional protocols to the list but the additional protocols must map to these uniform codes.

The list is defined by the NASEMSO State Medical Directors.

State

National

dConfiguration.11 - EMS Agency Specialty Service Capability

Definition

Special training or services provided by the EMS Agency and available to the EMS service area/community.

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : M |

Code List

| Code | Description |
|---------|--|
| 1211001 | Air Rescue |
| 1211003 | CBRNE |
| 1211005 | Community Health Medicine |
| 1211007 | Disaster Medical Assistance Team (DMAT) |
| 1211009 | Disaster Mortuary (DMORT) |
| 1211011 | Dive Rescue |
| 1211013 | Farm Rescue |
| 1211015 | High Angle Rescue |
| 1211017 | Machinery Disentanglement |
| 1211019 | None |
| 1211021 | Ski / Snow Rescue |
| 1211023 | Tactical EMS |
| 1211025 | Trench / Confined Space Rescue |
| 1211027 | Urban Search and Rescue (USAR) |
| 1211029 | Vehicle Extrication |
| 1211031 | Veterinary Medical Assistance Team (VMAT) |
| 1211033 | Water or Ice Related Rescue (Incl Swift Water) |
| 1211035 | Wilderness Search and Rescue |

Data Element Comment

State

National

dConfiguration.13 - Emergency Medical Dispatch (EMD) Provided to EMS Agency Service Area

Definition

Indication as to whether Emergency Medical Dispatch is provided to the EMS Agency's service area.

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

| Code | Description |
|---------|--|
| 1213001 | No |
| 1213003 | Yes, 100% of the EMS Agency's Service Area |
| 1213005 | Yes, Less than 100% of the EMS Agency's Service Area |

Data Element Comment

Added to better document the implementation of Emergency Medical Dispatch. Associated with each EMS Agency and the specific EMS Agency Number (dAgency.02).

State

National

dConfiguration.15 - Patient Monitoring Capability(s)

Definition

The EMS Agency's patient monitoring capability which can be provided to any/all patients presenting to EMS.

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : M |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

| Code | Description |
|---------|---|
| 1215001 | Capnography-Numeric |
| 1215003 | Capnography-Waveform |
| 1215005 | ECG-12 Lead or Greater |
| 1215007 | ECG-Less than 12 Lead (Cardiac Monitor) |
| 1215009 | Oximetry-Carbon Monoxide |
| 1215011 | Oximetry-Oxygen |
| 1215013 | Pressure Measurement-Invasive (Arterial, CVP, Swan, etc.) |
| 1215015 | Pressure Measurement-Non-Invasive (Blood Pressure, etc.) |
| 1215017 | Ventilator-Transport |
| 1215019 | Vital Sign Monitoring |

Data Element Comment

Added to identify the patient monitoring capability of the EMS Agency. Associated with each EMS Agency Number (dAgency.02) since each EMS Agency Number may have a different capability within each EMS Agency. Other patient monitoring capability may exist but NEMSIS Version 3 only includes these specific capabilities.

State

National

dConfiguration.16 - Crew Call Sign

Definition

The EMS crew call sign used to dispatch and communicate with the unit. This may be the same as the EMS Unit/Vehicle Number in many agencies.

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | D04_02 | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : M |

Constraints

| Data Type | minLength | maxLength |
|-----------|-----------|-----------|
| string | 1 | 50 |

Data Element Comment

eRecord

| | | | | |
|--------|----------------|---|----------------------|---------------------------|
| Legend | Dataset Level: | N National | S State | D Deprecated |
| | Usage: | M = Mandatory , R = Required , E = Recommended, or O = Optional | | |
| | Attributes: | N = Not Values, P = Pertinent Negatives , L = Nillable, and/or C = Correlation ID | | |

| eRecord | | | | |
|---------|---|----------------|----------------|----------------|
| 1 : 1 | eRecord.01 - Patient Care Report Number | N | S | M |
| 1 : 1 | eRecord.SoftwareApplicationGroup | | | |
| | 1 : 1 eRecord.02 - Software Creator | N | S | M |
| | 1 : 1 eRecord.03 - Software Name | N | S | M |
| | 1 : 1 eRecord.04 - Software Version | N | S | M |
| eRecord | | | | |

State

National

eRecord.01 - Patient Care Report Number

Definition

The unique number automatically assigned by the EMS agency for each Patient Care Report (PCR). This should be a unique number for the EMS agency for all of time.

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | E01_01 | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Constraints

| Data Type | minLength | maxLength |
|-----------|-----------|-----------|
| string | 3 | 32 |

Data Element Comment

State

National

eRecord.02 - Software Creator

Definition

The name of the vendor, manufacturer, and developer who designed the application that created this record.

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | E01_02 | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : 1 |

Constraints

| Data Type | minLength | maxLength |
|-----------|-----------|-----------|
| string | 1 | 50 |

Data Element Comment

This is required to document the software used to generate the Patient Care Report. This is not the last software which aggregated/stored the Patient Care Report after it was sent from another software.

State

National

eRecord.03 - Software Name

Definition

The name of the application used to create this record.

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | E01_03 | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : 1 |

Constraints

| Data Type | minLength | maxLength |
|-----------|-----------|-----------|
| string | 1 | 50 |

Data Element Comment

This is the EMS Agency's software, not the state or other level software which electronically received the data from the local EMS Agency.

State

National

eRecord.04 - Software Version

Definition

The version of the application used to create this record.

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | E01_04 | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : 1 |

Constraints

| Data Type | minLength | maxLength |
|-----------|-----------|-----------|
| string | 1 | 50 |

Data Element Comment

eResponse

Legend

Dataset Level: N National S State D Deprecated

Usage: M = Mandatory, R = Required, E = Recommended, or O = Optional

Attributes: N = Not Values, P = Pertinent Negatives, L = Nillable, and/or C = Correlation ID

eResponse

| | | | | | |
|-------|---|---|--|---|---|
| 1 : 1 | eResponse.AgencyGroup | | | | |
| 1 : 1 | 1 : 1 eResponse.01 - EMS Agency Number | N | S | M | |
| 1 : 1 | eResponse.03 - Incident Number | N | S | R | N, L |
| 1 : 1 | eResponse.04 - EMS Response Number | N | S | R | N, L |
| 1 : 1 | eResponse.ServiceGroup | | | | |
| 1 : 1 | 1 : 1 eResponse.05 - Type of Service Requested | N | S | M | |
| 1 : 1 | eResponse.07 - Primary Role of the Unit | N | S | M | |
| 1 : M | eResponse.08 - Type of Dispatch Delay | N | S | R | N, L |
| 1 : M | eResponse.09 - Type of Response Delay | N | S | R | N, L |
| 1 : M | eResponse.10 - Type of Scene Delay | N | S | R | N, L |
| 1 : M | eResponse.11 - Type of Transport Delay | N | S | R | N, L |
| 1 : M | eResponse.12 - Type of Turn-Around Delay | N | S | R | N, L |
| 1 : 1 | eResponse.13 - EMS Vehicle (Unit) Number | N | S | M | |
| 1 : 1 | eResponse.14 - EMS Unit Call Sign | N | S | M | |
| 1 : 1 | eResponse.15 - Level of Care of This Unit | N | S | M | |
| 1 : 1 | eResponse.23 - Response Mode to Scene | N | S | M | |
| 1 : M | eResponse.24 - Additional Response Mode Descriptors | N | S | R | N, L |

eResponse

State

National

eResponse.01 - EMS Agency Number

Definition

The state-assigned provider number of the responding agency

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | E02_01 | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Constraints

| Data Type | minLength | maxLength |
|-----------|-----------|-----------|
| string | 1 | 15 |

Data Element Comment

The EMS Agency Number in eResponse.01 can auto-populate from dAgency.02 EMS Agency Number in the demographic section.

State

National

eResponse.03 - Incident Number

Definition

The incident number assigned by the 911 Dispatch System

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E02_02 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Constraints

| Data Type | minLength | maxLength |
|-----------|-----------|-----------|
| string | 3 | 32 |

Data Element Comment

This number can be used to associate multiple EMS responses, dispatch information, and other information to the same EMS event or patient.

State

National

eResponse.04 - EMS Response Number

Definition

The internal EMS response number which is unique for each EMS Vehicle's (Unit) response to an incident within an EMS Agency.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E02_03 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Constraints

| Data Type | minLength | maxLength |
|-----------|-----------|-----------|
| string | 3 | 32 |

Data Element Comment

State

National

eResponse.05 - Type of Service Requested

Definition

The type of service or category of service requested of the EMS Agency responding for this specific EMS event

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | E02_04 | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

| Code | Description |
|---------|------------------------------------|
| 2205001 | 911 Response (Scene) |
| 2205003 | Intercept |
| 2205005 | Interfacility Transport |
| 2205007 | Medical Transport |
| 2205009 | Mutual Aid |
| 2205011 | Public Assistance/Other Not Listed |
| 2205013 | Standby |

Data Element Comment

"Interfacility Transfer" has been changed to "Interfacility Transport. "Public Assistance/Other Not Listed" added for EMS expanded scope events such as elderly assistance, injury prevention, public education, immunization programs, etc.

State

National

eResponse.07 - Primary Role of the Unit

Definition

The Primary role of the EMS Unit which responded to this specific EMS event

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | E02_05 | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

| Code | Description |
|---------|---|
| 2207001 | Air Transport |
| 2207003 | Ground Transport |
| 2207005 | Non-Transport Administrative (e.g., Supervisor) |
| 2207007 | Non-Transport Assistance |
| 2207009 | Non-Transport Rescue |

Data Element Comment

Supervisor clarified to Administrative Only. if the Supervisor is responding to assist, that would be considered Non-Transport. Transport separated into Air and Ground. In Version 2 there was no way to identify Air Transport.

State

National

eResponse.08 - Type of Dispatch Delay

Definition

The dispatch delays, if any, associated with the dispatch of the EMS unit to the EMS event.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E02_06 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : M |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|--|
| 2208001 | Caller (Uncooperative) |
| 2208003 | Diversion/Failure (of previous unit) |
| 2208005 | High Call Volume |
| 2208007 | Language Barrier |
| 2208009 | Location (Inability to Obtain) |
| 2208011 | No EMS Vehicles (Units) Available |
| 2208013 | None/No Delay |
| 2208015 | Other (Not Listed) |
| 2208017 | Technical Failure (Computer, Phone etc.) |

Data Element Comment

A dispatch delay is any time delay that occurs from the time of PSAP call (eTimes.01) to the time the unit is notified by dispatch (eTimes.03).

State

National

eResponse.09 - Type of Response Delay

Definition

The response delays, if any, of the EMS unit associated with the EMS event.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E02_07 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : M |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|-----------------------------------|
| 2209001 | Crowd |
| 2209003 | Directions/Unable to Locate |
| 2209005 | Distance |
| 2209007 | Diversion (Different Incident) |
| 2209009 | HazMat |
| 2209011 | None/No Delay |
| 2209013 | Other (Not Listed) |
| 2209015 | Rendezvous Transport Unavailable |
| 2209017 | Route Obstruction (e.g., train) |
| 2209019 | Scene Safety (Not Secure for EMS) |
| 2209021 | Staff Delay |
| 2209023 | Traffic |
| 2209025 | Vehicle Crash Involving this Unit |
| 2209027 | Vehicle Failure of this Unit |
| 2209029 | Weather |

Data Element Comment

Rendezvous Transport Unavailable added for situations where there is a wait for an EMS Transport Unit, a Ferry, Air Medical, etc to return to service.

A response delay is any time delay that occurs from the time the unit is notified by dispatch (eTimes.03) to the time the unit arrived on scene (eTimes.06).

State

National

eResponse.10 - Type of Scene Delay

Definition

The scene delays, if any, of the EMS unit associated with the EMS event.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E02_08 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : M |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|-----------------------------------|
| 2210001 | Awaiting Air Unit |
| 2210003 | Awaiting Ground Unit |
| 2210005 | Crowd |
| 2210007 | Directions/Unable to Locate |
| 2210009 | Distance |
| 2210011 | Extrication |
| 2210013 | HazMat |
| 2210015 | Language Barrier |
| 2210017 | None/No Delay |
| 2210019 | Other (Not Listed) |
| 2210021 | Patient Access |
| 2210023 | Safety-Crew/Staging |
| 2210025 | Safety-Patient |
| 2210027 | Staff Delay |
| 2210029 | Traffic |
| 2210031 | Triage/Multiple Patients |
| 2210033 | Vehicle Crash Involving this Unit |
| 2210035 | Vehicle Failure of this Unit |
| 2210037 | Weather |

Data Element Comment

A scene delay is any time delay that occurs from the time the unit arrived on scene (eTimes.06) to the time the unit left the scene (eTimes.09).

State

National

eResponse.11 - Type of Transport Delay

Definition

The transport delays, if any, of the EMS unit associated with the EMS event.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E02_09 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : M |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|-----------------------------------|
| 2211001 | Crowd |
| 2211003 | Directions/Unable to Locate |
| 2211005 | Distance |
| 2211007 | Diversion |
| 2211009 | HazMat |
| 2211011 | None/No Delay |
| 2211013 | Other (Not Listed) |
| 2211015 | Rendezvous Transport Unavailable |
| 2211017 | Route Obstruction (e.g., Train) |
| 2211019 | Safety |
| 2211021 | Staff Delay |
| 2211023 | Traffic |
| 2211025 | Vehicle Crash Involving this Unit |
| 2211027 | Vehicle Failure of this Unit |
| 2211029 | Weather |

Data Element Comment

Rendezvous Transport Unavailable added for situations where there is a wait for an EMS Transport Unit, a Ferry, Air Medical, etc.

A transport delay is any time delay that occurs from the time the unit left the scene (eTimes.09) to the time the patient arrived at the destination (eTimes.10).

State

National

eResponse.12 - Type of Turn-Around Delay

Definition

The turn-around delays, if any, of EMS unit associated with the EMS event.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E02_10 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : M |

Associated Performance Measure Initiatives

Response

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

| Code | Description |
|---------|------------------------------------|
| 2212001 | Clean-up |
| 2212003 | Decontamination |
| 2212005 | Distance |
| 2212007 | Documentation |
| 2212009 | ED Overcrowding / Transfer of Care |
| 2212011 | Equipment Failure |
| 2212013 | Equipment/Supply Replenishment |
| 2212015 | None/No Delay |
| 2212017 | Other (Not Listed) |
| 2212019 | Rendezvous Transport Unavailable |
| 2212021 | Route Obstruction (e.g. Train) |
| 2212023 | Staff Delay |
| 2212025 | Traffic |
| 2212027 | Vehicle Crash of this Unit |
| 2212029 | Vehicle Failure of this Unit |
| 2212031 | Weather |

Data Element Comment

Rendezvous Transport Unavailable added for situations where there is a wait for an EMS Transport Unit, a Ferry, Air Medical, etc to return to service.

If a patient is being transported by the unit, turn-around delay is any time delay that occurs from the time the patient arrived at the destination (eTimes.10) until the time the unit is back in service (eTimes.13) or unit back at the home location (eTimes.15) [whichever is the greater of the two times].

If no patient is being transported by the unit, turn-around delay is any time delay that occurs from the time the unit arrived on scene (eTimes.06) until the unit is back in service (eTimes.13) or the unit back at the home location (eTimes.15) [whichever is the greater of the two times].

State

National

eResponse.13 - EMS Vehicle (Unit) Number

Definition

The unique physical vehicle number of the responding unit.

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | E02_11 | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : 1 |

Constraints

| Data Type | minLength | maxLength |
|-----------|-----------|-----------|
| string | 1 | 25 |

Data Element Comment

This is recommended to be the State Vehicle Permit Number if unique to the vehicle. If the vehicle is not licensed by the state, this should be a unique number only associated with a specific vehicle. This element should be populated from dVehicle.01 - Unit/Vehicle Number.

State

National

eResponse.14 - EMS Unit Call Sign

Definition

The EMS unit number used to dispatch and communicate with the unit. This may be the same as the EMS Unit/Vehicle Number in many agencies.

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | E02_12 | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : 1 |

Constraints

| Data Type | minLength | maxLength |
|-----------|-----------|-----------|
| string | 1 | 50 |

Data Element Comment

"This element could be populated from a list created in dVehicle.03 EMS Unit Call Sign or dConfiguration.16 (Crew Call Sign).

State

National

eResponse.15 - Level of Care of This Unit

Definition

The level of care (BLS or ALS) the unit is able to provide based on the units' treatment capabilities for this EMS response.

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

| Code | Description |
|---------|----------------------------|
| 2215001 | BLS-First Responder/EMR |
| 2215003 | BLS-Basic /EMT |
| 2215005 | BLS-AEMT |
| 2215007 | BLS-Intermediate |
| 2215009 | ALS-AEMT |
| 2215011 | ALS-Intermediate |
| 2215013 | ALS-Paramedic |
| 2215015 | ALS-Community Paramedicine |
| 2215017 | ALS-Nurse |
| 2215019 | ALS-Physician |
| 2215021 | Specialty Critical Care |

Data Element Comment

Added to identify the level of care (license level) the EMS unit/crew can provide regardless of patient need, based on this unit's capabilities.

For example, if a unit/crew is staffed with an EMT-Intermediate or EMT-Paramedic but the unit is either licensed or stocked at a BLS level the appropriate level of care is "BLS-Basic". This is because the care provided to patients is limited to BLS skills.

State

National

eResponse.23 - Response Mode to Scene

Definition

The indication whether the response was emergent or non-emergent. An emergent response is an immediate response (typically using lights and sirens).

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | E02_20 | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

| Code | Description |
|---------|-------------------------------------|
| 2223001 | Emergent (Immediate Response) |
| 2223003 | Emergent Downgraded to Non-Emergent |
| 2223005 | Non-Emergent |
| 2223007 | Non-Emergent Upgraded to Emergent |

Data Element Comment

Information now split between eResponse.23 (Response Mode to Scene) and eResponse.24 (Additional Response Mode Descriptors)

State

National

eResponse.24 - Additional Response Mode Descriptors

Definition

The documentation of response mode techniques used for this EMS response.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : M |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|--|
| 2224001 | Intersection Navigation-Against Normal Light Patterns |
| 2224003 | Intersection Navigation-With Automated Light Changing Technology |
| 2224005 | Intersection Navigation-With Normal Light Patterns |
| 2224007 | Scheduled |
| 2224009 | Speed-Enhanced per Local Policy |
| 2224011 | Speed-Normal Traffic |
| 2224013 | Unscheduled |

Data Element Comment

Descriptors have been added to better describe the EMS Response. This includes information on whether the EMS event was schedule or unscheduled.

eDispatch

| | | | | |
|--------|----------------|---|----------------------|---------------------------|
| Legend | Dataset Level: | N National | S State | D Deprecated |
| | Usage: | M = Mandatory , R = Required , E = Recommended, or O = Optional | | |
| | Attributes: | N = Not Values, P = Pertinent Negatives , L = Nillable, and/or C = Correlation ID | | |

| eDispatch | | | | |
|-----------|---|----------------|----------------|----------------------------------|
| 1 : 1 | eDispatch.01 - Complaint Reported by Dispatch | N | S | M |
| 1 : 1 | eDispatch.02 - EMD Performed | N | S | R N, L |
| eDispatch | | | | |

State

National

eDispatch.01 - Complaint Reported by Dispatch

Definition

The complaint dispatch reported to the responding unit.

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | E03_01 | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

| Code | Description |
|---------|---|
| 2301001 | Abdominal Pain/Problems |
| 2301003 | Allergic Reaction/Stings |
| 2301005 | Animal Bite |
| 2301007 | Assault |
| 2301009 | Automated Crash Notification |
| 2301011 | Back Pain (Non-Traumatic) |
| 2301013 | Breathing Problem |
| 2301015 | Burns/Explosion |
| 2301017 | Carbon Monoxide/Hazmat/Inhalation/CBRN |
| 2301019 | Cardiac Arrest/Death |
| 2301021 | Chest Pain (Non-Traumatic) |
| 2301023 | Choking |
| 2301025 | Convulsions/Seizure |
| 2301027 | Diabetic Problem |
| 2301029 | Electrocution/Lightning |
| 2301031 | Eye Problem/Injury |
| 2301033 | Falls |
| 2301035 | Fire |
| 2301037 | Headache |
| 2301039 | Healthcare Professional/Admission |
| 2301041 | Heart Problems/AICD |
| 2301043 | Heat/Cold Exposure |
| 2301045 | Hemorrhage/Laceration |
| 2301047 | Industrial Accident/Inaccessible Incident/Other Entrapments (Non-Vehicle) |
| 2301049 | Medical Alarm |
| 2301051 | No Other Appropriate Choice |
| 2301053 | Overdose/Poisoning/Ingestion |
| 2301055 | Pandemic/Epidemic/Outbreak |
| 2301057 | Pregnancy/Childbirth/Miscarriage |
| 2301059 | Psychiatric Problem/Abnormal Behavior/Suicide Attempt |
| 2301061 | Sick Person |
| 2301063 | Stab/Gunshot Wound/Penetrating Trauma |
| 2301065 | Standby |
| 2301067 | Stroke/CVA |
| 2301069 | Traffic/Transportation Incident |
| 2301071 | Transfer/Interfacility/Palliative Care |
| 2301073 | Traumatic Injury |
| 2301075 | Well Person Check |
| 2301077 | Unconscious/Fainting/Near-Fainting |
| 2301079 | Unknown Problem/Person Down |

Data Element Comment

Added Pandemic/Epidemic/Outbreak.
 Added Automated Crash Notification
 Added Healthcare Professional Admission
 Added Interfacility/Evaluation/Transfer

- Other entries expanded based on current national EMD Dispatch List

State

National

eDispatch.02 - EMD Performed

Definition

Indication of whether Emergency Medical Dispatch was performed for this EMS event.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E03_02 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|--|
| 2302001 | No |
| 2302003 | Yes, With Pre-Arrival Instructions |
| 2302005 | Yes, Without Pre-Arrival Instructions |
| 2302007 | Yes, Unknown if Pre-Arrival Instructions Given |

Data Element Comment

eTimes

Legend

Dataset Level: N National S State D Deprecated

Usage: M = Mandatory , R = Required , E = Recommended, or O = Optional

Attributes: N = Not Values, P = Pertinent Negatives , L = Nillable, and/or C = Correlation ID

eTimes

| | | | | | |
|-------|--|---|--|--|---|
| 1 : 1 | eTimes.01 - PSAP Call Date/Time | N | S | R | N, L |
| 1 : 1 | eTimes.03 - Unit Notified by Dispatch Date/Time | N | S | M | |
| 1 : 1 | eTimes.05 - Unit En Route Date/Time | N | S | R | N, L |
| 1 : 1 | eTimes.06 - Unit Arrived on Scene Date/Time | N | S | R | N, L |
| 1 : 1 | eTimes.07 - Arrived at Patient Date/Time | N | S | R | N, L |
| 1 : 1 | eTimes.09 - Unit Left Scene Date/Time | N | S | R | N, L |
| 1 : 1 | eTimes.11 - Patient Arrived at Destination Date/Time | N | S | R | N, L |
| 1 : 1 | eTimes.12 - Destination Patient Transfer of Care Date/Time | N | S | R | N, L |
| 1 : 1 | eTimes.13 - Unit Back in Service Date/Time | N | S | M | |

eTimes

State

National

eTimes.01 - PSAP Call Date/Time

Definition

The date/time the phone rings (911 call to public safety answering point or other designated entity) requesting EMS services.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E05_02 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

| | | |
|------------------|---------------------------|---------------------------|
| Data Type | minInclusive | maxInclusive |
| dateTime | 1950-01-01T00:00:00-00:00 | 2050-01-01T00:00:00-00:00 |

Pattern

[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\\+|\\-)[0-9]{2}:[0-9]{2}

Data Element Comment

This date/time might be the same as Dispatch Notified Date/Time (eTimes.02).

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

| | |
|--------|---|
| yyyy | a four-digit numeral that represents the year |
| '-' | separators between parts of the date portion |
| mm | a two-digit numeral that represents the month |
| dd | a two-digit numeral that represents the day |
| T | separator that indicates time-of-day follows |
| hh | a two-digit numeral that represents the hour |
| ':' | a separator between parts of the time-of-day portion |
| mm | a two-digit numeral that represents the minute |
| ss | a two-integer-digit numeral that represents the whole seconds |
| '.' s+ | (not required) represents the fractional seconds |
| zzzzzz | (required) represents the timezone (as described below) |

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

| | |
|-----|--|
| hh | a two-digit numeral (with leading zeros as required) that represents the hours |
| mm | a two-digit numeral that represents the minutes |
| '+' | a nonnegative duration |
| '-' | a nonpositive duration |

State

National

eTimes.03 - Unit Notified by Dispatch Date/Time

Definition

The date/time the responding unit was notified by dispatch.

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | E05_04 | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Constraints

Data Type **minInclusive** **maxInclusive**
 dateTime 1950-01-01T00:00:00-00:00 2050-01-01T00:00:00-00:00

Pattern

[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+|-[0-9]{2}:[0-9]{2})

Data Element Comment

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

| | |
|--------|---|
| yyyy | a four-digit numeral that represents the year |
| '-' | separators between parts of the date portion |
| mm | a two-digit numeral that represents the month |
| dd | a two-digit numeral that represents the day |
| T | separator that indicates time-of-day follows |
| hh | a two-digit numeral that represents the hour |
| ':' | a separator between parts of the time-of-day portion |
| mm | a two-digit numeral that represents the minute |
| ss | a two-integer-digit numeral that represents the whole seconds |
| '.' s+ | (not required) represents the fractional seconds |
| zzzzzz | (required) represents the timezone (as described below) |

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

| | |
|-----|--|
| hh | a two-digit numeral (with leading zeros as required) that represents the hours |
| mm | a two-digit numeral that represents the minutes |
| '+' | a nonnegative duration |
| '-' | a nonpositive duration |

State

National

eTimes.05 - Unit En Route Date/Time

Definition

The date/time the unit responded; that is, the time the vehicle started moving.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E05_05 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Constraints

| Data Type | minInclusive | maxInclusive |
|-----------|---------------------------|---------------------------|
| dateTime | 1950-01-01T00:00:00-00:00 | 2050-01-01T00:00:00-00:00 |

Pattern

[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\\+|\\-)[0-9]{2}:[0-9]{2}

Data Element Comment

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

| | |
|--------|---|
| yyyy | a four-digit numeral that represents the year |
| '-' | separators between parts of the date portion |
| mm | a two-digit numeral that represents the month |
| dd | a two-digit numeral that represents the day |
| T | separator that indicates time-of-day follows |
| hh | a two-digit numeral that represents the hour |
| ':' | a separator between parts of the time-of-day portion |
| mm | a two-digit numeral that represents the minute |
| ss | a two-integer-digit numeral that represents the whole seconds |
| '.' s+ | (not required) represents the fractional seconds |
| zzzzzz | (required) represents the timezone (as described below) |

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

| | |
|-----|--|
| hh | a two-digit numeral (with leading zeros as required) that represents the hours |
| mm | a two-digit numeral that represents the minutes |
| '+' | a nonnegative duration |
| '-' | a nonpositive duration |

State

National

eTimes.06 - Unit Arrived on Scene Date/Time

Definition

The date/time the responding unit arrived on the scene; that is, the time the vehicle stopped moving at the scene.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E05_06 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

| | | |
|------------------|---------------------------|---------------------------|
| Data Type | minInclusive | maxInclusive |
| dateTime | 1950-01-01T00:00:00-00:00 | 2050-01-01T00:00:00-00:00 |

Pattern

[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+|-)[0-9]{2}:[0-9]{2}

Data Element Comment

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

| | |
|--------|---|
| yyyy | a four-digit numeral that represents the year |
| '-' | separators between parts of the date portion |
| mm | a two-digit numeral that represents the month |
| dd | a two-digit numeral that represents the day |
| T | separator that indicates time-of-day follows |
| hh | a two-digit numeral that represents the hour |
| ':' | a separator between parts of the time-of-day portion |
| mm | a two-digit numeral that represents the minute |
| ss | a two-integer-digit numeral that represents the whole seconds |
| '.' s+ | (not required) represents the fractional seconds |
| zzzzzz | (required) represents the timezone (as described below) |

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

| | |
|-----|--|
| hh | a two-digit numeral (with leading zeros as required) that represents the hours |
| mm | a two-digit numeral that represents the minutes |
| '+' | a nonnegative duration |
| '-' | a nonpositive duration |

State

National

eTimes.07 - Arrived at Patient Date/Time

Definition

The date/time the responding unit arrived at the patient's side.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E05_07 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

| Data Type | minInclusive | maxInclusive |
|-----------|---------------------------|---------------------------|
| dateTime | 1950-01-01T00:00:00-00:00 | 2050-01-01T00:00:00-00:00 |

Pattern

[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+|-)[0-9]{2}:[0-9]{2}

Data Element Comment

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

| | |
|--------|---|
| yyyy | a four-digit numeral that represents the year |
| '-' | separators between parts of the date portion |
| mm | a two-digit numeral that represents the month |
| dd | a two-digit numeral that represents the day |
| T | separator that indicates time-of-day follows |
| hh | a two-digit numeral that represents the hour |
| ':' | a separator between parts of the time-of-day portion |
| mm | a two-digit numeral that represents the minute |
| ss | a two-integer-digit numeral that represents the whole seconds |
| '.' s+ | (not required) represents the fractional seconds |
| zzzzzz | (required) represents the timezone (as described below) |

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

| | |
|-----|--|
| hh | a two-digit numeral (with leading zeros as required) that represents the hours |
| mm | a two-digit numeral that represents the minutes |
| '+' | a nonnegative duration |
| '-' | a nonpositive duration |

State

National

eTimes.09 - Unit Left Scene Date/Time

Definition

The date/time the responding unit left the scene with a patient (started moving).

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E05_09 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Constraints

| Data Type | minInclusive | maxInclusive |
|-----------|---------------------------|---------------------------|
| dateTime | 1950-01-01T00:00:00-00:00 | 2050-01-01T00:00:00-00:00 |

Pattern

[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\\+|\\-)[0-9]{2}:[0-9]{2}

Data Element Comment

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

| | |
|--------|---|
| yyyy | a four-digit numeral that represents the year |
| '-' | separators between parts of the date portion |
| mm | a two-digit numeral that represents the month |
| dd | a two-digit numeral that represents the day |
| T | separator that indicates time-of-day follows |
| hh | a two-digit numeral that represents the hour |
| ':' | a separator between parts of the time-of-day portion |
| mm | a two-digit numeral that represents the minute |
| ss | a two-integer-digit numeral that represents the whole seconds |
| '.' s+ | (not required) represents the fractional seconds |
| zzzzzz | (required) represents the timezone (as described below) |

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

| | |
|-----|--|
| hh | a two-digit numeral (with leading zeros as required) that represents the hours |
| mm | a two-digit numeral that represents the minutes |
| '+' | a nonnegative duration |
| '-' | a nonpositive duration |

State

National

eTimes.11 - Patient Arrived at Destination Date/Time

Definition

The date/time the responding unit arrived with the patient at the destination or transfer point.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E05_10 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

| Data Type | minInclusive | maxInclusive |
|-----------|---------------------------|---------------------------|
| dateTime | 1950-01-01T00:00:00-00:00 | 2050-01-01T00:00:00-00:00 |

Pattern

[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\\+|\\-)[0-9]{2}:[0-9]{2}

Data Element Comment

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

| | |
|--------|---|
| yyyy | a four-digit numeral that represents the year |
| '-' | separators between parts of the date portion |
| mm | a two-digit numeral that represents the month |
| dd | a two-digit numeral that represents the day |
| T | separator that indicates time-of-day follows |
| hh | a two-digit numeral that represents the hour |
| ':' | a separator between parts of the time-of-day portion |
| mm | a two-digit numeral that represents the minute |
| ss | a two-integer-digit numeral that represents the whole seconds |
| '.' s+ | (not required) represents the fractional seconds |
| zzzzzz | (required) represents the timezone (as described below) |

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

| | |
|-----|--|
| hh | a two-digit numeral (with leading zeros as required) that represents the hours |
| mm | a two-digit numeral that represents the minutes |
| '+' | a nonnegative duration |
| '-' | a nonpositive duration |

State

National

eTimes.12 - Destination Patient Transfer of Care Date/Time

Definition

The date/time that patient care was transferred to the destination healthcare facilities staff.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Constraints

| Data Type | minInclusive | maxInclusive |
|-----------|---------------------------|---------------------------|
| dateTime | 1950-01-01T00:00:00-00:00 | 2050-01-01T00:00:00-00:00 |

Pattern

[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+|-)[0-9]{2}:[0-9]{2}

Data Element Comment

This was added to better document delays in ED transfer of care due to ED crowding or other issues beyond EMS control.

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

| | |
|--------|---|
| yyyy | a four-digit numeral that represents the year |
| '-' | separators between parts of the date portion |
| mm | a two-digit numeral that represents the month |
| dd | a two-digit numeral that represents the day |
| T | separator that indicates time-of-day follows |
| hh | a two-digit numeral that represents the hour |
| ':' | a separator between parts of the time-of-day portion |
| mm | a two-digit numeral that represents the minute |
| ss | a two-integer-digit numeral that represents the whole seconds |
| '.' s+ | (not required) represents the fractional seconds |
| zzzzzz | (required) represents the timezone (as described below) |

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

| | |
|-----|--|
| hh | a two-digit numeral (with leading zeros as required) that represents the hours |
| mm | a two-digit numeral that represents the minutes |
| '+' | a nonnegative duration |
| '-' | a nonpositive duration |

State

National

eTimes.13 - Unit Back in Service Date/Time

Definition

The date/time the unit back was back in service and available for response (finished with call, but not necessarily back in home location).

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | E05_11 | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Response

Constraints

| | | |
|------------------|---------------------------|---------------------------|
| Data Type | minInclusive | maxInclusive |
| dateTime | 1950-01-01T00:00:00-00:00 | 2050-01-01T00:00:00-00:00 |

Pattern

[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+|-)[0-9]{2}:[0-9]{2}

Data Element Comment

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

| | |
|--------|---|
| yyyy | a four-digit numeral that represents the year |
| '-' | separators between parts of the date portion |
| mm | a two-digit numeral that represents the month |
| dd | a two-digit numeral that represents the day |
| T | separator that indicates time-of-day follows |
| hh | a two-digit numeral that represents the hour |
| ':' | a separator between parts of the time-of-day portion |
| mm | a two-digit numeral that represents the minute |
| ss | a two-integer-digit numeral that represents the whole seconds |
| '.' s+ | (not required) represents the fractional seconds |
| zzzzzz | (required) represents the timezone (as described below) |

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

| | |
|-----|--|
| hh | a two-digit numeral (with leading zeros as required) that represents the hours |
| mm | a two-digit numeral that represents the minutes |
| '+' | a nonnegative duration |
| '-' | a nonpositive duration |

ePatient

| | | | | |
|--------|----------------|---|----------------------|---------------------------|
| Legend | Dataset Level: | N National | S State | D Deprecated |
| | Usage: | M = Mandatory , R = Required , E = Recommended, or O = Optional | | |
| | Attributes: | N = Not Values, P = Pertinent Negatives , L = Nillable, and/or C = Correlation ID | | |

ePatient

| | | | | | |
|-------|---------------------------------------|----------------|----------------|----------------|-------------------|
| 1 : 1 | ePatient.07 - Patient's Home County | N | S | R | N, L |
| 1 : 1 | ePatient.08 - Patient's Home State | N | S | R | N, L |
| 1 : 1 | ePatient.09 - Patient's Home ZIP Code | N | S | R | N, L |
| 1 : 1 | ePatient.13 - Gender | N | S | R | N, L |
| 1 : M | ePatient.14 - Race | N | S | R | N, L |
| 1 : 1 | ePatient.AgeGroup | | | | |
| 1 : 1 | ePatient.15 - Age | N | S | R | N, L |
| 1 : 1 | ePatient.16 - Age Units | N | S | R | N, L |

ePatient

State

National

ePatient.07 - Patient's Home County

Definition

The patient's home county or parish or residence

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E06_06 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

| | |
|------------------|---------------|
| Data Type | length |
| string | 5 |

Data Element Comment

Based on the ANSI Code Single Choice based on the County Name but stored as the ANSI code (combined 5 digit State and County codes) Should be required if there is a patient associated with the event.

GNIS Codes Website: http://geonames.usgs.gov/domestic/download_data.htm

State

National

ePatient.08 - Patient's Home State

Definition

The patient's home state, territory, or province, or District of Columbia, where the patient resides.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E06_07 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

| | |
|------------------|---------------|
| Data Type | length |
| string | 2 |

Data Element Comment

The ANSI Code Selection by text but stored as ANSI code.

GNIS Codes Website: http://geonames.usgs.gov/domestic/download_data.htm

State

National

ePatient.09 - Patient's Home ZIP Code

Definition

The patient's home ZIP code of residence

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E06_08 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

Pattern

[0-9]{5}||[0-9]{5}-[0-9]{4}||[0-9]{5}-[0-9]{5}||[A-Z][0-9][A-Z] [0-9][A-Z][0-9]

Data Element Comment

ZIP Codes Product Website: <https://www.zipcodedownload.com/Products/Product/Z5Commercial/Standard/Overview/>

Product: USA - 5-digit ZIP Code Database, Commercial Edition

State

National

ePatient.13 - Gender

Definition

The Patient's Gender

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E06_11 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|-------------------------------|
| 9906001 | Female |
| 9906003 | Male |
| 9906005 | Unknown (Unable to Determine) |

Data Element Comment

State

National

ePatient.14 - Race

Definition

The patient's race as defined by the OMB (US Office of Management and Budget)

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E06_12 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : M |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|---|
| 2514001 | American Indian or Alaska Native |
| 2514003 | Asian |
| 2514005 | Black or African American |
| 2514007 | Hispanic or Latino |
| 2514009 | Native Hawaiian or Other Pacific Islander |
| 2514011 | White |

Data Element Comment

OMB requirements are provided at: <http://www.omhrc.gov/templates/browse.aspx?lvl=2&lvlID=172>. Using single multiple choice question methodology to improve the completion of ethnicity information.

Ethnicity (Version 2.2.1: E06_13) has been merged with this data element and retired.

State

National

ePatient.15 - Age

Definition

The patient's age (either calculated from date of birth or best approximation)

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E06_14 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

| Data Type | minInclusive | maxInclusive |
|-----------|--------------|--------------|
| integer | 1 | 120 |

Data Element Comment

State

National

ePatient.16 - Age Units

Definition

The unit used to define the patient's age

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E06_15 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|-------------|
| 2516001 | Days |
| 2516003 | Hours |
| 2516005 | Minutes |
| 2516007 | Months |
| 2516009 | Years |

Data Element Comment

ePayment

| | | | | |
|--------|----------------|---|----------------------|---------------------------|
| Legend | Dataset Level: | N National | S State | D Deprecated |
| | Usage: | M = Mandatory , R = Required , E = Recommended, or O = Optional | | |
| | Attributes: | N = Not Values, P = Pertinent Negatives , L = Nillable, and/or C = Correlation ID | | |

| ePayment | | | | |
|----------|---|----------------|----------------|----------------------------------|
| 1 : 1 | ePayment.01 - Primary Method of Payment | N | S | R N, L |
| 1 : 1 | ePayment.50 - CMS Service Level | N | S | R N, L |
| ePayment | | | | |

State

National

ePayment.01 - Primary Method of Payment

Definition

The primary method of payment or type of insurance associated with this EMS encounter

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E07_01 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|-----------------------------|
| 2601001 | Insurance |
| 2601003 | Medicaid |
| 2601005 | Medicare |
| 2601007 | Not Billed (for any reason) |
| 2601009 | Other Government |
| 2601011 | Self Pay |
| 2601013 | Workers Compensation |

Data Element Comment

State

National

ePayment.50 - CMS Service Level

Definition

The CMS service level for this EMS encounter.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E07_34 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|--------------------------|
| 2650001 | ALS, Level 1 |
| 2650003 | ALS, Level 1 Emergency |
| 2650005 | ALS, Level 2 |
| 2650007 | BLS |
| 2650009 | BLS, Emergency |
| 2650011 | Fixed Wing (Airplane) |
| 2650013 | Paramedic Intercept |
| 2650015 | Specialty Care Transport |
| 2650017 | Rotary Wing (Helicopter) |

Data Element Comment

eScene

| | | | | |
|--------|----------------|---|----------------------|---------------------------|
| Legend | Dataset Level: | N National | S State | D Deprecated |
| | Usage: | M = Mandatory , R = Required , E = Recommended, or O = Optional | | |
| | Attributes: | N = Not Values, P = Pertinent Negatives , L = Nillable, and/or C = Correlation ID | | |

eScene

| | | | | | |
|-------|---|----------------|----------------|----------------|-------------------|
| 1 : 1 | eScene.01 - First EMS Unit on Scene | N | S | R | N, L |
| 1 : 1 | eScene.06 - Number of Patients at Scene | N | S | R | N, L |
| 1 : 1 | eScene.07 - Mass Casualty Incident | N | S | R | N, L |
| 1 : 1 | eScene.08 - Triage Classification for MCI Patient | N | S | R | N, L |
| 1 : 1 | eScene.09 - Incident Location Type | N | S | R | N, L |
| 1 : 1 | eScene.18 - Incident State | N | S | R | N, L |
| 1 : 1 | eScene.19 - Incident ZIP Code | N | S | R | N, L |
| 1 : 1 | eScene.21 - Incident County | N | S | R | N, L |

eScene

State

National

eScene.01 - First EMS Unit on Scene

Definition

Documentation that this EMS Unit was the first EMS Unit for the EMS Agency on the Scene

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

Code Description

9923001 No

9923003 Yes

Data Element Comment

Added to improve the evaluation of Response Times when multiple EMS units are responding to the same scene.

State

National

eScene.06 - Number of Patients at Scene

Definition

Indicator of how many total patients were at the scene

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E08_05 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

| Code | Description |
|---------|-------------|
| 2707001 | Multiple |
| 2707003 | None |
| 2707005 | Single |

Data Element Comment

State

National

eScene.07 - Mass Casualty Incident

Definition

Indicator if this event would be considered a mass casualty incident (overwhelmed existing EMS resources)

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E08_06 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

| Code | Description |
|---------|-------------|
| 9923001 | No |
| 9923003 | Yes |

Data Element Comment

State

National

eScene.08 - Triage Classification for MCI Patient

Definition

The color associated with the initial triage assessment/classification of the MCI patient.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|-------------------------|
| 2708001 | Red - Immediate |
| 2708003 | Yellow - Delayed |
| 2708005 | Green - Minimal (Minor) |
| 2708007 | Gray - Expectant |
| 2708009 | Black - Deceased |

Data Element Comment

This element is documented when eScene.07 (Mass Casualty Incident) = Yes.

Examples of triage systems include START and SALT.

Adapted from: SALT mass casualty triage: concept endorsed by the American College of Emergency Physicians, American College of Surgeons Committee on Trauma, American Trauma Society, National Association of EMS Physicians, National Disaster Life Support Education Consortium, and State and Territorial Injury Prevention Directors Association. Disaster Med Public Health Prep. 2008 Dec;2(4):245-6.

START reference: Benson M, Koenig KL, Schultz CH. Disaster triage: START, then SAVE-a new method of dynamic triage for victims of a catastrophic earthquake. Prehospital Disaster Med. 1996; Apr-Jun; 11(2): 117-24

State

National

eScene.09 - Incident Location Type

Definition

The kind of location where the incident happened

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E08_07 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

Pattern

Y92\.[0-9]{1,3}

Data Element Comment

Code list is represented in ICD-10-CM. Reference the NEMSIS Suggested Lists at: <http://nemsis.org/v3/resources.html>

ICD-10-CM

Website - <http://uts.nlm.nih.gov>

Product - UMLS Metathesaurus

State

National

eScene.18 - Incident State

Definition

The state, territory, or province where the patient was found or to which the unit responded (or best approximation)

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E08_14 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

| | |
|------------------|---------------|
| Data Type | length |
| string | 2 |

Data Element Comment

Based on the ANSI State Code.

GNIS Codes Website: http://geonames.usgs.gov/domestic/download_data.htm

State

National

eScene.19 - Incident ZIP Code

Definition

The ZIP code of the incident location

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E08_15 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

Pattern

[0-9]{5}||[0-9]{5}-[0-9]{4}||[0-9]{5}-[0-9]{5}||[A-Z][0-9][A-Z] [0-9][A-Z][0-9]

Data Element Comment

ZIP Codes Product Website: <https://www.zipcodedownload.com/Products/Product/Z5Commercial/Standard/Overview/>

Product: USA - 5-digit ZIP Code Database, Commercial Edition

State

National

eScene.21 - Incident County

Definition

The county or parish where the patient was found or to which the unit responded (or best approximation)

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E08_13 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

| | |
|------------------|---------------|
| Data Type | length |
| string | 5 |

Data Element Comment

Based on the ANSI Code Single Choice based on the County Name but stored as the ANSI code (combined 5 digit State and County codes) Should be required if there is a patient associated with the event.

GNIS Codes Website: http://geonames.usgs.gov/domestic/download_data.htm

eSituation

Legend

Dataset Level: N National S State D Deprecated

Usage: M = Mandatory , R = Required , E = Recommended, or O = Optional

Attributes: N = Not Values, P = Pertinent Negatives , L = Nillable, and/or C = Correlation ID

eSituation

| | | | | | |
|-------|--|---|--|---|---|
| 1 : 1 | eSituation.01 - Date/Time of Symptom Onset/Last Normal | N | S | R | N, L |
| 1 : 1 | eSituation.02 - Possible Injury | N | S | R | N, L |
| 1 : 1 | eSituation.07 - Chief Complaint Anatomic Location | N | S | R | N, L |
| 1 : 1 | eSituation.08 - Chief Complaint Organ System | N | S | R | N, L |
| 1 : 1 | eSituation.09 - Primary Symptom | N | S | R | N, L |
| 1 : M | eSituation.10 - Other Associated Symptoms | N | S | R | N, L |
| 1 : 1 | eSituation.11 - Provider's Primary Impression | N | S | R | N, L |
| 1 : M | eSituation.12 - Provider's Secondary Impressions | N | S | R | N, L |
| 1 : 1 | eSituation.13 - Initial Patient Acuity | N | S | R | N, L |

eSituation

State

National

eSituation.01 - Date/Time of Symptom Onset/Last Normal

Definition

The date and time the symptom began as it relates to this EMS event. This is described or estimated by the patient, family, and/or healthcare professionals.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E05_01 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Constraints

| Data Type | minInclusive | maxInclusive |
|-----------|---------------------------|---------------------------|
| dateTime | 1950-01-01T00:00:00-00:00 | 2050-01-01T00:00:00-00:00 |

Pattern

[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\\+|-)[0-9]{2}:[0-9]{2}

Data Element Comment

For stroke related events, this is the date and time the patient was last seen normal. For cardiac or respiratory arrest related events, this is the date and time the patient was last known to have a pulse or when interaction was had with the patient. For drowning related events, this is the date and time the patient was last seen. The intent of this element is to document the estimate date and time the patient was last known to be in their normal state.

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

| | |
|--------|---|
| yyyy | a four-digit numeral that represents the year |
| '-' | separators between parts of the date portion |
| mm | a two-digit numeral that represents the month |
| dd | a two-digit numeral that represents the day |
| T | separator that indicates time-of-day follows |
| hh | a two-digit numeral that represents the hour |
| ':' | a separator between parts of the time-of-day portion |
| mm | a two-digit numeral that represents the minute |
| ss | a two-integer-digit numeral that represents the whole seconds |
| '.' s+ | (not required) represents the fractional seconds |
| zzzzzz | (required) represents the timezone (as described below) |

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

| | |
|-----|--|
| hh | a two-digit numeral (with leading zeros as required) that represents the hours |
| mm | a two-digit numeral that represents the minutes |
| '+' | a nonnegative duration |
| '-' | a nonpositive duration |

Version 3 Changes Implemented

Added to better define the EMS patient event.

State

National

eSituation.02 - Possible Injury

Definition

Indication whether or not there was an injury

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E09_04 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|-------------|
| 9922001 | No |
| 9922003 | Unknown |
| 9922005 | Yes |

Data Element Comment

This data element provides documentation to classify the EMS Reason for Encounter as either injury or non-injury related based on mechanism and not on actual injury. eSituation.02 (Possible Injury), eSituation.09 (Primary Symptom), eSituation.07 (Chief Complaint Anatomic Location), and eSituation.08 (Chief Complaint Organ System) are grouped together to form the EMS Reason for Encounter.

State

National

eSituation.07 - Chief Complaint Anatomic Location

Definition

The primary anatomic location of the chief complaint as identified by EMS personnel

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E09_11 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|-----------------|
| 2807001 | Abdomen |
| 2807003 | Back |
| 2807005 | Chest |
| 2807007 | Extremity-Lower |
| 2807009 | Extremity-Upper |
| 2807011 | General/Global |
| 2807013 | Genitalia |
| 2807015 | Head |
| 2807017 | Neck |

Data Element Comment

eSituation.02 (Possible Injury), eSituation.09 (Primary Symptom), eSituation.07 (Chief Complaint Anatomic Location), and eSituation.08 (Chief Complaint Organ System) are grouped together to form the EMS Reason for Encounter.

State

National

eSituation.08 - Chief Complaint Organ System

Definition

The primary organ system of the patient injured or medically affected.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E09_12 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|------------------------|
| 2808001 | Behavioral/Psychiatric |
| 2808003 | Cardiovascular |
| 2808005 | CNS/Neuro |
| 2808007 | Endocrine/Metabolic |
| 2808009 | GI |
| 2808011 | Global/General |
| 2808013 | Lymphatic/Immune |
| 2808015 | Musculoskeletal/Skin |
| 2808017 | Reproductive |
| 2808019 | Pulmonary |
| 2808021 | Renal |

Data Element Comment

Altered to follow the anatomical organ systems as defined by general anatomy. Added Lymphatic/Immune; Merged Skin with Muscular-Skeletal. Changed OB/Gyn to Reproductive.

Retained non-organ system designations for Global/General and Behavioral/Psychiatric.

eSituation.02 (Possible Injury), eSituation.09 (Primary Symptom), eSituation.07 (Chief Complaint Anatomic Location), and eSituation.08 (Chief Complaint Organ System) are grouped together to form the EMS Reason for Encounter.

State

National

eSituation.09 - Primary Symptom

Definition

The primary sign and symptom present in the patient or observed by EMS personnel

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E09_13 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

Pattern

R[0-6][0-9](\.[0-9]{1,4})?|(R73\.[9])(R99)

Data Element Comment

eSituation.02 (Possible Injury), eSituation.09 (Primary Symptom), eSituation.07 (Chief Complaint Anatomic Location), and eSituation.08 (Chief Complaint Organ System) are grouped together to form the EMS Reason for Encounter.

Code list is represented in ICD-10-CM Diagnoses Codes. Reference the NEMSIS Suggested Lists at:
<http://nemsis.org/v3/resources.html>

ICD-10-CM

Website - <http://uts.nlm.nih.gov>

Product - UMLS Metathesaurus

State

National

eSituation.10 - Other Associated Symptoms

Definition

Other symptoms identified by the patient or observed by EMS personnel

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E09_14 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : M |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Constraints

Pattern

R[0-6][0-9](\[0-9]{1,4})?|(R73\.9)|(R99)

Data Element Comment

Code list is represented in ICD-10-CM. Reference the NEMSIS Suggested Lists at: <http://nemsis.org/v3/resources.html>

ICD-10-CM

Website - <http://uts.nlm.nih.gov>

Product - UMLS Metathesaurus

State

National

eSituation.11 - Provider's Primary Impression

Definition

The EMS personnel's impression of the patient's primary problem or most significant condition which led to the management given to the patient (treatments, medications, or procedures).

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E09_15 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

Pattern

([A-QSTZ][0-9]{2})(\.[0-9A-Z]{1,4})?

Data Element Comment

Code list is represented in ICD-10-CM. Reference the NEMSIS Suggested Lists at: <http://nemsis.org/v3/resources.html>

ICD-10-CM

Website - <http://uts.nlm.nih.gov>

Product - UMLS Metathesaurus

State

National

eSituation.12 - Provider's Secondary Impressions

Definition

The EMS personnel's impression of the patient's secondary problem or most significant condition which led to the management given to the patient (treatments, medications, or procedures).

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E09_16 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : M |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

Pattern

([A-QSTZ][0-9]{2})(\.[0-9A-Z]{1,4})?

Data Element Comment

Code list is represented in ICD-10-CM. Reference the NEMSIS Suggested Lists at: <http://nemsis.org/v3/resources.html>

ICD-10-CM

Website - <http://uts.nlm.nih.gov>

Product - UMLS Metathesaurus

State

National

eSituation.13 - Initial Patient Acuity

Definition

The acuity of the patient's condition upon EMS arrival at the scene.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|--|
| 2813001 | Critical (Red) |
| 2813003 | Emergent (Yellow) |
| 2813005 | Lower Acuity (Green) |
| 2813007 | Dead without Resuscitation Efforts (Black) |

Data Element Comment

Definitions related to "Critical, Emergent, and Lower Acuity" can be found in the National EMS Core Content document from NHTSA EMS (DOT HS 809-898 July 2005) at <http://www.nhtsa.gov/people/injury/ems/emscorecontent/images/EMSCoreContent.pdf>

Dead without Resuscitation Efforts would be appropriate if resuscitation was initiated by non-EMS personnel but discontinued immediately upon evaluation by first arriving EMS personnel.

eInjury

| | | | | |
|--------|----------------|---|----------------------|---------------------------|
| Legend | Dataset Level: | N National | S State | D Deprecated |
| | Usage: | M = Mandatory , R = Required , E = Recommended, or O = Optional | | |
| | Attributes: | N = Not Values, P = Pertinent Negatives , L = Nillable, and/or C = Correlation ID | | |

eInjury

| | | | | | |
|-------|---|----------------|----------------|----------------|----------------------|
| 1 : M | eInjury.01 - Cause of Injury | N | S | R | N, L |
| 1 : M | eInjury.03 - Trauma Center Criteria | N | S | R | N, L |
| 1 : M | eInjury.04 - Vehicular, Pedestrian, or Other Injury Risk Factor | N | S | R | N, L, P |

eInjury

State

National

eInjury.01 - Cause of Injury

Definition

The category of the reported/suspected external cause of the injury.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E10_01 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : M |

Associated Performance Measure Initiatives

Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Constraints

Pattern

([TV-Y][0-9]{2})(\.[0-9A-Z]{1,7})?)

Data Element Comment

Suggested code list is represented in ICD-10-CM. Reference the NEMSIS Suggested Lists at:
<http://nemsis.org/v3/resources.html>

Code list is represented in ICD-10 Codes.

Website - <http://uts.nlm.nih.gov>

Product - UMLS Metathesaurus

State

National

eInjury.03 - Trauma Center Criteria

Definition

Field Triage Criteria for transport to a trauma center as defined by the Centers for Disease Control and Prevention and the American College of Surgeons-Committee on Trauma.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : M |

Associated Performance Measure Initiatives

Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

| Code | Description |
|---------|--|
| 2903001 | Amputation proximal to wrist or ankle |
| 2903003 | Crushed, degloved, mangled, or pulseless extremity |
| 2903005 | Chest wall instability or deformity (e.g., flail chest) |
| 2903007 | Glasgow Coma Score < 14 |
| 2903009 | Open or depressed skull fracture |
| 2903011 | Paralysis |
| 2903013 | Pelvic fractures |
| 2903015 | All penetrating injuries to head, neck, torso, and extremities proximal to elbow or knee |
| 2903017 | Respiratory Rate <10 or >29 breaths per minute (<20 in infants aged <1 year) or need for ventilatory support |
| 2903019 | Systolic Blood Pressure <90 mmHg |
| 2903021 | Two or more proximal long-bone fractures |

Data Element Comment

2011 Guidelines for the Field Triage of Injured Patients - value choices for Steps 1 and 2. For falls, one story is equal to 10 feet.

Version 3 Changes Implemented

Added to better evaluate the CDC-ACS 2011 Guidelines for the Field Triage of Injured Patients.

Website: <http://www.cdc.gov/FieldTriage/>

State

National

eInjury.04 - Vehicular, Pedestrian, or Other Injury Risk Factor

Definition

The kind of risk factor predictors present at the incident

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | Yes |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E10_04 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : M |

Associated Performance Measure Initiatives

Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Pertinent Negatives (PN)

8801005 - Exam Finding Not Present

Code List

| Code | Description |
|---------|--|
| 2904001 | Auto v. Pedestrian/Bicyclist Thrown, Run Over, or > 20 MPH Impact |
| 2904003 | Fall Adults: > 20 ft. (one story is equal to 10 ft.) |
| 2904005 | Fall Children: > 10 ft. or 2-3 times the height of the child |
| 2904007 | Crash Death in Same Passenger Compartment |
| 2904009 | Crash Ejection (partial or complete) from vehicle |
| 2904011 | Crash Intrusion, including roof: > 12 in. occupant site; > 18 in. any site |
| 2904013 | Crash Vehicle Telemetry Data (AACN) Consistent with High Risk of Injury |
| 2904015 | Motorcycle Crash > 20 MPH |

Data Element Comment

Added additional mechanism or risk indicators based on CDC 2011 Guidelines for the Field Triage of Injured Patients Step 3.

Version 3 Changes Implemented

Added to better evaluate the CDC-ACS 2011 Guidelines for the Field Triage of Injured Patients.

Website: <http://www.cdc.gov/FieldTriage/>

eArrest

Legend

Dataset Level: N National S State D Deprecated

Usage: M = Mandatory , R = Required , E = Recommended, or O = Optional

Attributes: N = Not Values, P = Pertinent Negatives , L = Nillable, and/or C = Correlation ID

eArrest

| | | | | | |
|-------|---|---|--|---|---|
| 1 : 1 | eArrest.01 - Cardiac Arrest | N | S | R | N, L |
| 1 : 1 | eArrest.02 - Cardiac Arrest Etiology | N | S | R | N, L |
| 1 : M | eArrest.03 - Resuscitation Attempted By EMS | N | S | R | N, L |
| 1 : M | eArrest.04 - Arrest Witnessed By | N | S | R | N, L |
| 1 : 1 | eArrest.05 - CPR Care Provided Prior to EMS Arrival | N | S | R | N, L |
| 1 : 1 | eArrest.07 - AED Use Prior to EMS Arrival | N | S | R | N, L |
| 1 : M | eArrest.09 - Type of CPR Provided | N | S | R | N, L |
| 1 : 1 | eArrest.10 - Therapeutic Hypothermia Initiated | N | S | R | N, L |
| 1 : 1 | eArrest.11 - First Monitored Arrest Rhythm of the Patient | N | S | R | N, L |
| 1 : M | eArrest.12 - Any Return of Spontaneous Circulation | N | S | R | N, L |
| 1 : 1 | eArrest.14 - Date/Time of Cardiac Arrest | N | S | R | N, L |
| 1 : 1 | eArrest.16 - Reason CPR/Resuscitation Discontinued | N | S | R | N, L |
| 1 : M | eArrest.17 - Cardiac Rhythm on Arrival at Destination | N | S | R | N, L |
| 1 : 1 | eArrest.18 - End of EMS Cardiac Arrest Event | N | S | R | N, L |

eArrest

State

National

eArrest.01 - Cardiac Arrest

Definition

Indication of the presence of a cardiac arrest at any time.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E11_01 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

| Code | Description |
|---------|---------------------------|
| 3001001 | No |
| 3001003 | Yes, Prior to EMS Arrival |
| 3001005 | Yes, After EMS Arrival |

Data Element Comment

This element is a component of the Utstein Cardiac Arrest Criteria.

State

National

eArrest.02 - Cardiac Arrest Etiology

Definition

Indication of the etiology or cause of the cardiac arrest (classified as cardiac, non-cardiac, etc.)

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E11_02 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

| Code | Description |
|---------|----------------------|
| 3002001 | Cardiac (Presumed) |
| 3002003 | Drowning/Submersion |
| 3002005 | Drug Overdose |
| 3002007 | Electrocution |
| 3002009 | Exsanguination |
| 3002011 | Other (Not Listed) |
| 3002013 | Respiratory/Asphyxia |
| 3002015 | Trauma |

Data Element Comment

This element is a component of the Utstein Cardiac Arrest Criteria.

Following the UTSTEIN standard of cardiac arrest etiology the values were determined based on the American Heart Association journal "Resuscitation" from 2004 entitled "Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports".
<http://circ.ahajournals.org/cgi/content/full/110/21/3385>

State

National

eArrest.03 - Resuscitation Attempted By EMS

Definition

Indication of an attempt to resuscitate the patient who is in cardiac arrest (attempted, not attempted due to DNR, etc.)

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E11_03 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : M |

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

| Code | Description |
|---------|------------------------------------|
| 3003001 | Attempted Defibrillation |
| 3003003 | Attempted Ventilation |
| 3003005 | Initiated Chest Compressions |
| 3003007 | Not Attempted-Considered Futile |
| 3003009 | Not Attempted-DNR Orders |
| 3003011 | Not Attempted-Signs of Circulation |

Data Element Comment

This element is a component of the Utstein Cardiac Arrest Criteria as identified in the American Heart Association journal "Resuscitation" from 2004 entitled "Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports".
<http://circ.ahajournals.org/cgi/content/full/110/21/3385>

State

National

eArrest.04 - Arrest Witnessed By

Definition

Indication of who the cardiac arrest was witnessed by

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E11_04 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : M |

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

| Code | Description |
|---------|----------------------------------|
| 3004001 | Not Witnessed |
| 3004003 | Witnessed by Family Member |
| 3004005 | Witnessed by Healthcare Provider |
| 3004007 | Witnessed by Lay Person |

Data Element Comment

This element is a component of the Utstein Cardiac Arrest Criteria as identified in the American Heart Association journal "Resuscitation" from 2004 entitled "Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports".
<http://circ.ahajournals.org/cgi/content/full/110/21/3385>

State

National

eArrest.05 - CPR Care Provided Prior to EMS Arrival

Definition

Documentation of the CPR provided prior to EMS arrival

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

| Code | Description |
|---------|-------------|
| 9923001 | No |
| 9923003 | Yes |

Data Element Comment

This element is a component of the Utstein Cardiac Arrest Criteria as identified in the American Heart Association journal "Resuscitation" from 2004 entitled "Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports".
<http://circ.ahajournals.org/cgi/content/full/110/21/3385>

State

National

eArrest.07 - AED Use Prior to EMS Arrival

Definition

Documentation of AED use Prior to EMS Arrival

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

| Code | Description |
|---------|-------------------------------------|
| 3007001 | No |
| 3007003 | Yes, Applied without Defibrillation |
| 3007005 | Yes, With Defibrillation |

Data Element Comment

This element is a component of the Utstein Cardiac Arrest Criteria as identified in the American Heart Association journal "Resuscitation" from 2004 entitled "Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports".
<http://circ.ahajournals.org/cgi/content/full/110/21/3385>

State

National

eArrest.09 - Type of CPR Provided

Definition

Documentation of the type/technique of CPR used by EMS.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : M |

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

| Code | Description |
|---------|--|
| 3009001 | Compressions-Continuous |
| 3009003 | Compressions-External Band Type Device |
| 3009005 | Compressions-External Plunger Type Device |
| 3009007 | Compressions-External Thumper Type Device |
| 3009009 | Compressions-Intermittent with Ventilation |
| 3009011 | Compressions-Other Device (Not Listed) |
| 3009013 | Ventilation-Bag Valve Mask |
| 3009015 | Ventilation-Impedance Threshold Device |
| 3009017 | Ventilation-Mouth to Mouth |
| 3009019 | Ventilation-Pocket Mask |

Data Element Comment

Added to capture special CPR techniques.

State

National

eArrest.10 - Therapeutic Hypothermia Initiated

Definition

Documentation of EMS initiation of Therapeutic Hypothermia.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

| Code | Description |
|---------|-------------|
| 9923001 | No |
| 9923003 | Yes |

Data Element Comment

State

National

eArrest.11 - First Monitored Arrest Rhythm of the Patient

Definition

Documentation of what the first monitored arrest rhythm which was noted

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E11_05 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

| Code | Description |
|---------|-----------------------------------|
| 3011001 | Asystole |
| 3011003 | Bradycardia |
| 3011005 | PEA |
| 3011007 | Unknown AED Non-Shockable Rhythm |
| 3011009 | Unknown AED Shockable Rhythm |
| 3011011 | Ventricular Fibrillation |
| 3011013 | Ventricular Tachycardia-Pulseless |

Data Element Comment

Added term "Arrest" to title to clarify this is the arrest rhythm

Values "Other" and "Normal Sinus Rhythm" removed since they are not Cardiac Arrest Rhythms.

Value "Ventricular Tachycardia" has been changed to "Ventricular Tachycardia-Pulseless".

This element is a component of the Utstein Cardiac Arrest Criteria as identified in the American Heart Association journal "Resuscitation" from 2004 entitled "Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports".
<http://circ.ahajournals.org/cgi/content/full/110/21/3385>

State

National

eArrest.12 - Any Return of Spontaneous Circulation

Definition

Indication whether or not there was any return of spontaneous circulation.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E11_06 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : M |

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

| Code | Description |
|---------|---|
| 3012001 | No |
| 3012003 | Yes, At Arrival at the ED |
| 3012005 | Yes, Prior to Arrival at the ED |
| 3012007 | Yes, Sustained for 20 consecutive minutes |

Data Element Comment

This element is a component of the Utstein Cardiac Arrest Criteria as identified in the American Heart Association journal "Resuscitation" from 2004 entitled "Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports".
<http://circ.ahajournals.org/cgi/content/full/110/21/3385>

This element needs to be documented when the patient has been in cardiac or respiratory arrest and transported to a healthcare facility to show the change in patient condition, if any. The cardiac rhythm list has been updated to be the same for eVitals.03 (Cardiac Rhythm Electrocardiography (ECG)). They are using the common type: CardiacRhythm. ST segment changes consistent (or not consistent) with STEMI criteria should be documented as Ischemia in the appropriate location

State

National

eArrest.14 - Date/Time of Cardiac Arrest

Definition

The date/time of the cardiac arrest (if not known, please estimate).

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E11_08 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Constraints

| Data Type | minInclusive | maxInclusive |
|-----------|---------------------------|---------------------------|
| dateTime | 1950-01-01T00:00:00-00:00 | 2050-01-01T00:00:00-00:00 |

Pattern

[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+|-)[0-9]{2}:[0-9]{2}

Data Element Comment

This element is a component of the Utstein Cardiac Arrest Criteria as identified in the American Heart Association journal "Resuscitation" from 2004 entitled "Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports".
<http://circ.ahajournals.org/cgi/content/full/110/21/3385>

Changed from estimated time prior to EMS arrival to date/time of cardiac arrest.

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

| | |
|--------|---|
| yyyy | a four-digit numeral that represents the year |
| '-' | separators between parts of the date portion |
| mm | a two-digit numeral that represents the month |
| dd | a two-digit numeral that represents the day |
| T | separator that indicates time-of-day follows |
| hh | a two-digit numeral that represents the hour |
| ':' | a separator between parts of the time-of-day portion |
| mm | a two-digit numeral that represents the minute |
| ss | a two-integer-digit numeral that represents the whole seconds |
| '.' s+ | (not required) represents the fractional seconds |
| zzzzzz | (required) represents the timezone (as described below) |

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

| | |
|-----|--|
| hh | a two-digit numeral (with leading zeros as required) that represents the hours |
| mm | a two-digit numeral that represents the minutes |
| '+' | a nonnegative duration |
| '-' | a nonpositive duration |

State

National

eArrest.16 - Reason CPR/Resuscitation Discontinued

Definition

The reason that CPR or the resuscitation efforts were discontinued.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E11_10 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

| Code | Description |
|---------|---|
| 3016001 | DNR |
| 3016003 | Medical Control Order |
| 3016005 | Obvious Signs of Death |
| 3016007 | Physically Unable to Perform |
| 3016009 | Protocol/Policy Requirements Completed |
| 3016011 | Return of Spontaneous Circulation (pulse or BP noted) |

Data Element Comment

Added Resuscitation to Title to allow better documentation of disposition.

State

National

eArrest.17 - Cardiac Rhythm on Arrival at Destination

Definition

The patient's cardiac rhythm upon delivery or transfer to the destination

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E11_11 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : M |

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

| Code | Description |
|---------|--------------------------------------|
| 9901001 | Agonal/Idioventricular |
| 9901003 | Asystole |
| 9901005 | Artifact |
| 9901007 | Atrial Fibrillation |
| 9901009 | Atrial Flutter |
| 9901011 | AV Block-1st Degree |
| 9901013 | AV Block-2nd Degree-Type 1 |
| 9901015 | AV Block-2nd Degree-Type 2 |
| 9901017 | AV Block-3rd Degree |
| 9901019 | Junctional |
| 9901021 | Left Bundle Branch Block |
| 9901023 | Non-STEMI Anterior Ischemia |
| 9901025 | Non-STEMI Inferior Ischemia |
| 9901027 | Non-STEMI Lateral Ischemia |
| 9901029 | Non-STEMI Posterior Ischemia |
| 9901031 | Other (Not Listed) |
| 9901033 | Paced Rhythm |
| 9901035 | PEA |
| 9901037 | Premature Atrial Contractions |
| 9901039 | Premature Ventricular Contractions |
| 9901041 | Right Bundle Branch Block |
| 9901043 | Sinus Arrhythmia |
| 9901045 | Sinus Bradycardia |
| 9901047 | Sinus Rhythm |
| 9901049 | Sinus Tachycardia |
| 9901051 | STEMI Anterior Ischemia |
| 9901053 | STEMI Inferior Ischemia |
| 9901055 | STEMI Lateral Ischemia |
| 9901057 | STEMI Posterior Ischemia |
| 9901059 | Supraventricular Tachycardia |
| 9901061 | Torsades De Points |
| 9901063 | Unknown AED Non-Shockable Rhythm |
| 9901065 | Unknown AED Shockable Rhythm |
| 9901067 | Ventricular Fibrillation |
| 9901069 | Ventricular Tachycardia (With Pulse) |
| 9901071 | Ventricular Tachycardia (Pulseless) |

Data Element Comment

This element needs to be documented when the patient has been in cardiac or respiratory arrest and transported to a healthcare facility to show the change in patient condition, if any. The cardiac rhythm list has been updated to be the same for eVitals.03 (Cardiac Rhythm Electrocardiography (ECG)). They are using the common type: CardiacRhythm. ST segment changes consistent (or not consistent) with STEMI criteria should be documented as Ischemia in the appropriate location

State

National

eArrest.18 - End of EMS Cardiac Arrest Event

Definition

The patient's outcome at the end of the EMS event.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

| Code | Description |
|---------|-----------------------------|
| 3018001 | Expired in ED |
| 3018003 | Expired in the Field |
| 3018005 | Ongoing Resuscitation in ED |

Data Element Comment

A resuscitation event is deemed to have ended when death is declared or spontaneous circulation is restored and sustained for 20 minutes or longer.

This element is a component of the Utstein Cardiac Arrest Criteria as identified in the American Heart Association journal "Resuscitation" from 2004 entitled "Cardiac Arrest and Cardiopulmonary Resuscitation Outcome Reports".
<http://circ.ahajournals.org/cgi/content/full/110/21/3385>

Version 3 Changes Implemented

Added to better identify the outcome of EMS cardiac arrest patients.

eHistory

| | | | | |
|--------|----------------|---|----------------------|---------------------------|
| Legend | Dataset Level: | N National | S State | D Deprecated |
| | Usage: | M = Mandatory , R = Required , E = Recommended, or O = Optional | | |
| | Attributes: | N = Not Values, P = Pertinent Negatives , L = Nillable, and/or C = Correlation ID | | |

| eHistory | | | | |
|----------|---|----------------|----------------|-------------------------------------|
| 1 : M | eHistory.01 - Barriers to Patient Care | N | S | R N, L |
| 1 : M | eHistory.17 - Alcohol/Drug Use Indicators | N | S | R N, L, P |
| eHistory | | | | |

State

National

eHistory.01 - Barriers to Patient Care

Definition

Indication of whether or not there were any patient specific barriers to serving the patient at the scene

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E12_01 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : M |

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

| Code | Description |
|---------|---|
| 3101001 | Cultural, Custom, Religious |
| 3101003 | Developmentally Impaired |
| 3101005 | Hearing Impaired |
| 3101007 | Language |
| 3101009 | None Noted |
| 3101011 | Obesity |
| 3101013 | Physical Barrier (Unable to Access Patient) |
| 3101015 | Physically Impaired |
| 3101017 | Physically Restrained |
| 3101019 | Psychologically Impaired |
| 3101021 | Sight Impaired |
| 3101023 | Speech Impaired |
| 3101025 | Unattended or Unsupervised (including minors) |
| 3101027 | Unconscious |
| 3101029 | Uncooperative |

Data Element Comment

Added Obesity, Sight Impaired, Psychologically Impaired

State

National

eHistory.17 - Alcohol/Drug Use Indicators

Definition

Indicators for the potential use of alcohol or drugs by the patient related to the patient's current illness or injury.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | Yes |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E12_19 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : M |

Associated Performance Measure Initiatives

Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Pertinent Negatives (PN)

8801015 - None Reported 8801019 - Refused 8801023 - Unable to Complete

Code List

| Code | Description |
|---------|--|
| 3117001 | Alcohol Containers/Paraphernalia at Scene |
| 3117003 | Drug Paraphernalia at Scene |
| 3117005 | Patient Admits to Alcohol Use |
| 3117007 | Patient Admits to Drug Use |
| 3117009 | Positive Level known from Law Enforcement or Hospital Record |
| 3117011 | Smell of Alcohol on Breath |

Data Element Comment

eVitals

Legend

Dataset Level: **N** National **S** State **D** Deprecated

Usage: **M** = Mandatory , **R** = Required , **E** = Recommended, or **O** = Optional

Attributes: **N** = Not Values, **P** = Pertinent Negatives , **L** = Nillable, and/or **C** = Correlation ID

Legend

Dataset Level: **N** National **S** State **D** Deprecated

Usage: **M** = Mandatory , **R** = Required , **E** = Recommended, or **O** = Optional

Attributes: **N** = Not Values, **P** = Pertinent Negatives , **L** = Nillable, and/or **C** = Correlation ID

Legend

Dataset Level: **N** National **S** State **D** Deprecated

Usage: **M** = Mandatory , **R** = Required , **E** = Recommended, or **O** = Optional

Attributes: **N** = Not Values, **P** = Pertinent Negatives , **L** = Nillable, and/or **C** = Correlation ID

Legend

Dataset Level: **N** National **S** State **D** Deprecated

Usage: **M** = Mandatory , **R** = Required , **E** = Recommended, or **O** = Optional

Attributes: **N** = Not Values, **P** = Pertinent Negatives , **L** = Nillable, and/or **C** = Correlation ID

eVitals

| | | | | | |
|-----|---|---|---|---|---------|
| 1:M | eVitals.VitalGroup | | | | |
| 1:1 | eVitals.01 - Date/Time Vital Signs Taken | N | S | R | N, L |
| 1:1 | eVitals.02 - Obtained Prior to this Unit's EMS Care | N | S | R | N, L |
| 1:1 | eVitals.CardiacRhythmGroup | | | | |
| 1:M | eVitals.03 - Cardiac Rhythm / Electrocardiography (ECG) | N | S | R | N, L, P |
| 1:1 | eVitals.04 - ECG Type | N | S | R | N, L |
| 1:M | eVitals.05 - Method of ECG Interpretation | N | S | R | N, L |
| 1:1 | eVitals.BloodPressureGroup | | | | |
| 1:1 | eVitals.06 - SBP (Systolic Blood Pressure) | N | S | R | N, L, P |
| 1:1 | eVitals.08 - Method of Blood Pressure Measurement | N | S | R | N, L |
| 1:1 | eVitals.HeartRateGroup | | | | |
| 1:1 | eVitals.10 - Heart Rate | N | S | R | N, L, P |
| 1:1 | eVitals.12 - Pulse Oximetry | N | S | R | N, L, P |
| 1:1 | eVitals.14 - Respiratory Rate | N | S | R | N, L, P |
| 1:1 | eVitals.16 - Carbon Dioxide (CO2) | N | S | R | N, L, P |
| 1:1 | eVitals.18 - Blood Glucose Level | N | S | R | N, L, P |
| 1:1 | eVitals.GlasgowScoreGroup | | | | |
| 1:1 | eVitals.19 - Glasgow Coma Score-Eye | N | S | R | N, L, P |
| 1:1 | eVitals.20 - Glasgow Coma Score-Verbal | N | S | R | N, L, P |
| 1:1 | eVitals.21 - Glasgow Coma Score-Motor | N | S | R | N, L, P |
| 1:M | eVitals.22 - Glasgow Coma Score-Qualifier | N | S | R | N, L |
| 1:1 | eVitals.26 - Level of Responsiveness (AVPU) | N | S | R | N, L |
| 1:1 | eVitals.PainScaleGroup | | | | |
| 1:1 | eVitals.27 - Pain Score | N | S | R | N, L, P |
| 1:1 | eVitals.StrokeScaleGroup | | | | |
| 1:1 | eVitals.29 - Stroke Scale Score | N | S | R | N, L, P |
| 1:1 | eVitals.30 - Stroke Scale Type | N | S | R | N, L |
| 1:1 | eVitals.31 - Reperfusion Checklist | N | S | R | N, L, P |

eVitals

State

National

eVitals.01 - Date/Time Vital Signs Taken

Definition

The date/time vital signs were taken on the patient.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E14_01 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

| Data Type | minInclusive | maxInclusive |
|-----------|---------------------------|---------------------------|
| dateTime | 1950-01-01T00:00:00-00:00 | 2050-01-01T00:00:00-00:00 |

Pattern

[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\\+|\\-)[0-9]{2}:[0-9]{2}

Data Element Comment

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

| | |
|--------|---|
| yyyy | a four-digit numeral that represents the year |
| '-' | separators between parts of the date portion |
| mm | a two-digit numeral that represents the month |
| dd | a two-digit numeral that represents the day |
| T | separator that indicates time-of-day follows |
| hh | a two-digit numeral that represents the hour |
| ':' | a separator between parts of the time-of-day portion |
| mm | a two-digit numeral that represents the minute |
| ss | a two-integer-digit numeral that represents the whole seconds |
| '.' s+ | (not required) represents the fractional seconds |
| zzzzzz | (required) represents the timezone (as described below) |

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

| | |
|-----|--|
| hh | a two-digit numeral (with leading zeros as required) that represents the hours |
| mm | a two-digit numeral that represents the minutes |
| '+' | a nonnegative duration |
| '-' | a nonpositive duration |

State

National

eVitals.02 - Obtained Prior to this Unit's EMS Care

Definition

Indicates that the information which is documented was obtained prior to the documenting EMS units care.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E14_02 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|-------------|
| 9923001 | No |
| 9923003 | Yes |

Data Element Comment

This is the NEMSIS Version 3 method to document prior aid.

State

National

eVitals.03 - Cardiac Rhythm / Electrocardiography (ECG)

Definition

The cardiac rhythm / ECG and other electrocardiography findings of the patient as interpreted by EMS personnel.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | Yes |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E14_03 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : M |

Associated Performance Measure Initiatives

Cardiac Arrest STEMI

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Pertinent Negatives (PN)

8801019 - Refused 8801023 - Unable to Complete

Code List

| Code | Description |
|---------|--------------------------------------|
| 9901001 | Agonal/Idioventricular |
| 9901003 | Asystole |
| 9901005 | Artifact |
| 9901007 | Atrial Fibrillation |
| 9901009 | Atrial Flutter |
| 9901011 | AV Block-1st Degree |
| 9901013 | AV Block-2nd Degree-Type 1 |
| 9901015 | AV Block-2nd Degree-Type 2 |
| 9901017 | AV Block-3rd Degree |
| 9901019 | Junctional |
| 9901021 | Left Bundle Branch Block |
| 9901023 | Non-STEMI Anterior Ischemia |
| 9901025 | Non-STEMI Inferior Ischemia |
| 9901027 | Non-STEMI Lateral Ischemia |
| 9901029 | Non-STEMI Posterior Ischemia |
| 9901031 | Other (Not Listed) |
| 9901033 | Paced Rhythm |
| 9901035 | PEA |
| 9901037 | Premature Atrial Contractions |
| 9901039 | Premature Ventricular Contractions |
| 9901041 | Right Bundle Branch Block |
| 9901043 | Sinus Arrhythmia |
| 9901045 | Sinus Bradycardia |
| 9901047 | Sinus Rhythm |
| 9901049 | Sinus Tachycardia |
| 9901051 | STEMI Anterior Ischemia |
| 9901053 | STEMI Inferior Ischemia |
| 9901055 | STEMI Lateral Ischemia |
| 9901057 | STEMI Posterior Ischemia |
| 9901059 | Supraventricular Tachycardia |
| 9901061 | Torsades De Points |
| 9901063 | Unknown AED Non-Shockable Rhythm |
| 9901065 | Unknown AED Shockable Rhythm |
| 9901067 | Ventricular Fibrillation |
| 9901069 | Ventricular Tachycardia (With Pulse) |
| 9901071 | Ventricular Tachycardia (Pulseless) |

Data Element Comment

State

National

eVitals.04 - ECG Type

Definition

The type of ECG associated with the cardiac rhythm.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

STEMI

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

| Code | Description |
|---------|-----------------------------|
| 3304001 | 3 Lead |
| 3304003 | 4 Lead |
| 3304005 | 5 Lead |
| 3304007 | 12 Lead-Left Sided (Normal) |
| 3304009 | 12 Lead-Right Sided |
| 3304011 | 15 Lead |
| 3304013 | 18 Lead |
| 3304015 | Other (Not Listed) |

Data Element Comment

Version 3 Changes Implemented

Added to better document ECG results.

State

National

eVitals.05 - Method of ECG Interpretation

Definition

The method of ECG interpretation.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : M |

Associated Performance Measure Initiatives

STEMI

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

| Code | Description |
|---------|---|
| 3305001 | Computer Interpretation |
| 3305003 | Manual Interpretation |
| 3305005 | Transmission with No Interpretation |
| 3305007 | Transmission with Remote Interpretation |

Data Element Comment

"Transmission with no interpretation" may be used by EMS Agency Personnel that are not trained to interpret cardiac rhythms.

Version 3 Changes Implemented

Added to better document ECG results.

State

National

eVitals.06 - SBP (Systolic Blood Pressure)

Definition

The patient's systolic blood pressure.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | Yes |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E14_04 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Pertinent Negatives (PN)

8801005 - Exam Finding Not Present 8801019 - Refused 8801023 - Unable to Complete

Constraints

| | | |
|------------------|---------------------|---------------------|
| Data Type | minInclusive | maxInclusive |
| integer | 0 | 500 |

Data Element Comment

Required for ACS-Field Triage and other patient scoring systems.

State

National

eVitals.08 - Method of Blood Pressure Measurement

Definition

Indication of method of blood pressure measurement.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E14_06 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

| Code | Description |
|---------|---------------------------|
| 3308001 | Arterial Line |
| 3308003 | Doppler |
| 3308005 | Cuff-Automated |
| 3308007 | Cuff-Manual Auscultated |
| 3308009 | Cuff-Manual Palpated Only |
| 3308011 | Venous Line |

Data Element Comment

State

National

eVitals.10 - Heart Rate

Definition

The patient's heart rate expressed as a number per minute.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | Yes |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E14_07 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Pertinent Negatives (PN)

8801005 - Exam Finding Not Present 8801019 - Refused 8801023 - Unable to Complete

Constraints

| Data Type | minInclusive | maxInclusive |
|-----------|--------------|--------------|
| integer | 0 | 500 |

Data Element Comment

Pulse Rate and Electronic Monitor Rate have been merged with an additional data element for Method of Heart Rate Measurement.

State

National

eVitals.12 - Pulse Oximetry

Definition

The patient's oxygen saturation.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | Yes |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E14_09 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Pertinent Negatives (PN)

8801005 - Exam Finding Not Present 8801019 - Refused 8801023 - Unable to Complete

Constraints

| Data Type | minInclusive | maxInclusive |
|-----------|--------------|--------------|
| integer | 0 | 100 |

Data Element Comment

State

National

eVitals.14 - Respiratory Rate

Definition

The patient's respiratory rate expressed as a number per minute.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | Yes |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E14_11 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Pertinent Negatives (PN)

8801005 - Exam Finding Not Present 8801019 - Refused 8801023 - Unable to Complete

Constraints

| | | |
|------------------|---------------------|---------------------|
| Data Type | minInclusive | maxInclusive |
| integer | 0 | 300 |

Data Element Comment

State

National

eVitals.16 - Carbon Dioxide (CO2)

Definition

The patient's end-tidal or other CO2 level.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | Yes |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E14_13 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Pertinent Negatives (PN)

8801019 - Refused 8801023 - Unable to Complete

Constraints

| Data Type | minInclusive | maxInclusive |
|-----------|--------------|--------------|
| integer | 0 | 100 |

Data Element Comment

State

National

eVitals.18 - Blood Glucose Level

Definition

The patient's blood glucose level.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | Yes |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E14_14 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Pediatric Stroke

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Pertinent Negatives (PN)

8801019 - Refused

8801023 - Unable to Complete

Constraints

| Data Type | minInclusive | maxInclusive |
|-----------|--------------|--------------|
| integer | 0 | 2000 |

Data Element Comment

State

National

eVitals.19 - Glasgow Coma Score-Eye

Definition

The patient's Glasgow Coma Score Eye opening.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | Yes |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E14_15 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Pertinent Negatives (PN)

8801019 - Refused 8801023 - Unable to Complete

Code List

| Code | Description |
|------|--|
| 1 | No eye movement when assessed (All Age Groups) |
| 2 | Opens Eyes to painful stimulation (All Age Groups) |
| 3 | Opens Eyes to verbal stimulation (All Age Groups) |
| 4 | Opens Eyes spontaneously (All Age Groups) |

Data Element Comment

Definitions now based on the National Trauma Data Standard (NTDS).

State

National

eVitals.20 - Glasgow Coma Score-Verbal

Definition

The patient's Glasgow Coma Score Verbal.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | Yes |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E14_16 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Pertinent Negatives (PN)

8801019 - Refused

8801023 - Unable to Complete

Code List

| Code | Description |
|------|---|
| 1 | No verbal/vocal response (All Age Groups) |
| 2 | Incomprehensible sounds (>2 Years); Inconsolable, agitated |
| 3 | Inappropriate words (>2 Years); Inconsistently consolable, moaning |
| 4 | Confused (>2 Years); Cries but is consolable, inappropriate interactions |
| 5 | Oriented (>2 Years); Smiles, oriented to sounds, follows objects, interacts |

Data Element Comment

Definitions now based on the National Trauma Data Standard (NTDS).

State

National

eVitals.21 - Glasgow Coma Score-Motor

Definition

The patient's Glasgow Coma Score Motor

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | Yes |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E14_17 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Pertinent Negatives (PN)

8801019 - Refused 8801023 - Unable to Complete

Code List

| Code | Description |
|------|---|
| 1 | No Motor Response (All Age Groups) |
| 2 | Extension to pain (All Age Groups) |
| 3 | Flexion to pain (All Age Groups) |
| 4 | Withdrawal from pain (All Age Groups) |
| 5 | Localizing pain (All Age Groups) |
| 6 | Obeys commands (>2Years); Appropriate response to stimulation |

Data Element Comment

Definitions now based on the National Trauma Data Standard (NTDS).

State

National

eVitals.22 - Glasgow Coma Score-Qualifier

Definition

Documentation of factors which make the GCS score more meaningful.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E14_18 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : M |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|---|
| 3322001 | Eye Obstruction Prevents Eye Assessment |
| 3322003 | Initial GCS has legitimate values without interventions such as intubation and sedation |
| 3322005 | Patient Chemically Paralyzed |
| 3322007 | Patient Chemically Sedated |
| 3322009 | Patient Intubated |

Data Element Comment

Definitions now based on the National Trauma Data Standard (NTDS).

State

National

eVitals.26 - Level of Responsiveness (AVPU)

Definition

The patient's highest level of responsiveness.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E14_22 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|--------------|
| 3326001 | Alert |
| 3326003 | Verbal |
| 3326005 | Painful |
| 3326007 | Unresponsive |

Data Element Comment

Definition changed to indicate highest level of responsiveness.

State

National

eVitals.27 - Pain Score

Definition

The patient's indication of pain from a scale of 0-10.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | Yes |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E14_23 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Pediatric STEMI Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Pertinent Negatives (PN)

8801019 - Refused 8801023 - Unable to Complete

Constraints

| Data Type | minInclusive | maxInclusive |
|-----------|--------------|--------------|
| integer | 0 | 10 |

Data Element Comment

The Pain Score can be obtained from several pain measurement tools or pain scale types (eVitals.28). The pain scale type used should have a numeric value associated with each diagram as appropriate. If the pain scale type utilizes multiple indicators/categories the total should be calculated and entered for the pain score associated with the patient assessment.

State

National

eVitals.29 - Stroke Scale Score

Definition

The patient's Stroke Scale Results.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | Yes |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E14_24 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Stroke

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Pertinent Negatives (PN)

8801019 - Refused

8801023 - Unable to Complete

Code List

| Code | Description |
|---------|----------------|
| 3329001 | Negative |
| 3329003 | Non-Conclusive |
| 3329005 | Positive |

Data Element Comment

State

National

eVitals.30 - Stroke Scale Type

Definition

The type of stroke pain scale used.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Stroke

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

| Code | Description |
|---------|---|
| 3330001 | Cincinnati |
| 3330003 | Los Angeles |
| 3330005 | Massachusetts |
| 3330007 | Miami Emergency Neurologic Deficit (MEND) |
| 3330009 | NIH |
| 3330011 | Other Stroke Scale Type |

Data Element Comment

Version 3 Changes Implemented

Added to include additional detail on the stroke scale used.

State

National

eVitals.31 - Reperfusion Checklist

Definition

The results of the patient's Reperfusion Checklist for potential Thrombolysis use.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | Yes |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E14_25 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

STEMI Stroke

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Pertinent Negatives (PN)

8801019 - Refused 8801023 - Unable to Complete

Code List

| Code | Description |
|---------|--|
| 3331001 | Definite Contraindications to Thrombolytic Use |
| 3331003 | No Contraindications to Thrombolytic Use |
| 3331005 | Possible Contraindications to Thrombolytic Use |

Data Element Comment

Name changed from Thrombolytic Screen

eProtocols

| | | | | |
|--------|----------------|---|----------------------|---------------------------|
| Legend | Dataset Level: | N National | S State | D Deprecated |
| | Usage: | M = Mandatory , R = Required , E = Recommended, or O = Optional | | |
| | Attributes: | N = Not Values, P = Pertinent Negatives , L = Nillable, and/or C = Correlation ID | | |

eProtocols

| | | | | | | | |
|-------|--------------------------|---------------------------------------|----------------|----------------|----------------|-------------------|--|
| 1 : M | eProtocols.ProtocolGroup | | | | | | |
| | 1 : 1 | eProtocols.01 - Protocols Used | N | S | R | N, L | |
| | 1 : 1 | eProtocols.02 - Protocol Age Category | N | S | R | N, L | |

eProtocols

State

National

eProtocols.01 - Protocols Used

Definition

The protocol used by EMS personnel to direct the clinical care of the patient

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E17_01 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|--|
| 9914001 | Airway |
| 9914003 | Airway-Failed |
| 9914005 | Airway-Obstruction/Foreign Body |
| 9914007 | Airway-Rapid Sequence Induction (RSI-Paralytic) |
| 9914009 | Airway-Sedation Assisted (Non-Paralytic) |
| 9914011 | Cardiac Arrest-Asystole |
| 9914013 | Cardiac Arrest-Hypothermia-Therapeutic |
| 9914015 | Cardiac Arrest-Pulseless Electrical Activity |
| 9914017 | Cardiac Arrest-Ventricular Fibrillation/ Pulseless Ventricular Tachycardia |
| 9914019 | Cardiac Arrest-Post Resuscitation Care |
| 9914021 | Environmental-Altitude Sickness |
| 9914023 | Environmental-Cold Exposure |
| 9914025 | Environmental-Frostbite/Cold Injury |
| 9914027 | Environmental-Heat Exposure/Exhaustion |
| 9914029 | Environmental-Heat Stroke/Hyperthermia |
| 9914031 | Environmental-Hypothermia |
| 9914033 | Exposure-Airway/Inhalation Irritants |
| 9914035 | Exposure-Biological/Infectious |
| 9914037 | Exposure-Blistering Agents |
| 9914039 | Exposure-Carbon Monoxide/Smoke Inhalation |
| 9914041 | Exposure-Chemicals to Eye |
| 9914043 | Exposure-Cyanide |
| 9914045 | Exposure-Explosive/ Blast Injury |
| 9914047 | Exposure-Nerve Agents |
| 9914049 | Exposure-Radiologic Agents |
| 9914051 | General-Back Pain |
| 9914053 | General-Behavioral/Patient Restraint |
| 9914055 | General-Cardiac Arrest |
| 9914057 | General-Dental Problems |
| 9914059 | General-Epistaxis |
| 9914061 | General-Fever |
| 9914063 | General-Individualized Patient Protocol |
| 9914065 | General-Indwelling Medical Devices/Equipment |
| 9914067 | General-IV Access |
| 9914069 | General-Medical Device Malfunction |
| 9914071 | General-Pain Control |
| 9914073 | General-Spinal Immobilization/Clearance |
| 9914075 | General-Universal Patient Care/ Initial Patient Contact |
| 9914077 | Injury-Amputation |
| 9914079 | Injury-Bites and Envenomations-Land |
| 9914081 | Injury-Bites and Envenomations-Marine |
| 9914083 | Injury-Bleeding/ Hemorrhage Control |

| | |
|---------|--|
| 9914085 | Injury-Burns-Thermal |
| 9914087 | Injury-Cardiac Arrest |
| 9914089 | Injury-Crush Syndrome |
| 9914091 | Injury-Diving Emergencies |
| 9914093 | Injury-Drowning/Near Drowning |
| 9914095 | Injury-Electrical Injuries |
| 9914097 | Injury-Extremity |
| 9914099 | Injury-Eye |
| 9914101 | Injury-Head |
| 9914103 | Injury-Impaled Object |
| 9914105 | Injury-Multisystem |
| 9914107 | Injury-Spinal Cord |
| 9914109 | Medical-Abdominal Pain |
| 9914111 | Medical-Allergic Reaction/Anaphylaxis |
| 9914113 | Medical-Altered Mental Status |
| 9914115 | Medical-Bradycardia |
| 9914117 | Medical-Cardiac Chest Pain |
| 9914119 | Medical-Diarrhea |
| 9914121 | Medical-Hyperglycemia |
| 9914123 | Medical-Hypertension |
| 9914125 | Medical-Hypoglycemia/Diabetic Emergency |
| 9914127 | Medical-Hypotension/Shock (Non-Trauma) |
| 9914129 | Medical-Influenza-Like Illness/ Upper Respiratory Infection |
| 9914131 | Medical-Nausea/Vomiting |
| 9914133 | Medical-Newborn/ Neonatal Resuscitation |
| 9914135 | Medical-Overdose/Poisoning/Toxic Ingestion |
| 9914137 | Medical-Pulmonary Edema/CHF |
| 9914139 | Medical-Respiratory Distress/Asthma/COPD/Croup/Reactive Airway |
| 9914141 | Medical-Seizure |
| 9914143 | Medical-ST-Elevation Myocardial Infarction (STEMI) |
| 9914145 | Medical-Stroke/TIA |
| 9914147 | Medical-Supraventricular Tachycardia (Including Atrial Fibrillation) |
| 9914149 | Medical-Syncope |
| 9914151 | Medical-Ventricular Tachycardia (With Pulse) |
| 9914153 | Not Done |
| 9914155 | OB/GYN-Childbirth/Labor/Delivery |
| 9914157 | OB/GYN-Eclampsia |
| 9914159 | OB/GYN-Gynecologic Emergencies |
| 9914161 | OB/GYN-Pregnancy Related Emergencies |
| 9914163 | OB/GYN-Post-partum Hemorrhage |
| 9914165 | Other |

Data Element Comment

Protocols are grouped into Airway, Environmental, Exposure, General, Injury, Medical, and OB/GYN.

There is a new data element EProtocols.02 to indicate whether the protocol is Adult, Pediatric, or General (both).

State and local entities can add additional protocols to the list but the additional protocols must map to these uniform codes.

The protocol code list should be derived from dConfiguration.05 and/or dConfiguration.10

State

National

eProtocols.02 - Protocol Age Category

Definition

The age group the protocol is written to address

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|----------------|
| 3602001 | Adult Only |
| 3602003 | General |
| 3602005 | Pediatric Only |

Data Element Comment

Protocols are grouped into Airway, Environmental, Exposure, General, Injury, Medical, and OB/GYN. -There is a new data element to indicate whether the protocol is Adult, Pediatric, or General (both).

Version 3 Changes Implemented

Added to better document protocol use.

eMedications

Legend

Dataset Level: N National S State D Deprecated

Usage: M = Mandatory , R = Required , E = Recommended, or O = Optional

Attributes: N = Not Values, P = Pertinent Negatives , L = Nillable, and/or C = Correlation ID

eMedications

| | | | | | | |
|-------|---|---|--|---|--|--|
| 1 : M | eMedications.MedicationGroup | | | | | |
| 1 : 1 | eMedications.01 - Date/Time Medication Administered | N | S | R | N, L | |
| 1 : 1 | eMedications.02 - Medication Administered Prior to this Unit's EMS Care | N | S | R | N, L | |
| 1 : 1 | eMedications.03 - Medication Given | N | S | R | N, L, P | |
| 1 : 1 | eMedications.DosageGroup | | | | | |
| 1 : 1 | eMedications.05 - Medication Dosage | N | S | R | N, L | |
| 1 : 1 | eMedications.06 - Medication Dosage Units | N | S | R | N, L | |
| 1 : 1 | eMedications.07 - Response to Medication | N | S | R | N, L | |
| 1 : M | eMedications.08 - Medication Complication | N | S | R | N, L | |
| 1 : 1 | eMedications.10 - Role/Type of Person Administering Medication | N | S | R | N, L | |

eMedications

State

National

eMedications.01 - Date/Time Medication Administered

Definition

The date/time medication administered to the patient

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E18_01 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Constraints

| Data Type | minInclusive | maxInclusive |
|-----------|---------------------------|---------------------------|
| dateTime | 1950-01-01T00:00:00-00:00 | 2050-01-01T00:00:00-00:00 |

Pattern

[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+|-[0-9]{2}:[0-9]{2})

Data Element Comment

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

| | |
|--------|---|
| yyyy | a four-digit numeral that represents the year |
| '-' | separators between parts of the date portion |
| mm | a two-digit numeral that represents the month |
| dd | a two-digit numeral that represents the day |
| T | separator that indicates time-of-day follows |
| hh | a two-digit numeral that represents the hour |
| ':' | a separator between parts of the time-of-day portion |
| mm | a two-digit numeral that represents the minute |
| ss | a two-integer-digit numeral that represents the whole seconds |
| '.' s+ | (not required) represents the fractional seconds |
| zzzzzz | (required) represents the timezone (as described below) |

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

| | |
|-----|--|
| hh | a two-digit numeral (with leading zeros as required) that represents the hours |
| mm | a two-digit numeral that represents the minutes |
| '+' | a nonnegative duration |
| '-' | a nonpositive duration |

State

National

eMedications.02 - Medication Administered Prior to this Unit's EMS Care

Definition

Indicates that the medication administration which is documented was administered prior to this EMS units care

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E18_02 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|-------------|
| 9923001 | No |
| 9923003 | Yes |

Data Element Comment

This is the NEMSIS Version 3 method to document prior aid.

State

National

eMedications.03 - Medication Given

Definition

The medication given to the patient

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | Yes |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E18_03 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Pertinent Negatives (PN)

8801001 - Contraindication Noted

8801003 - Denied By Order

8801007 - Medication Allergy

8801009 - Medication Already Taken

8801019 - Refused

8801023 - Unable to Complete

Constraints

| Data Type | minLength | maxLength |
|-----------|-----------|-----------|
| string | 2 | 7 |

Data Element Comment

List of medications based on RxNorm (RXCUI) code.

Reference the NEMSIS Suggested Lists at: <http://nemsis.org/v3/resources.html>

RxNorm

Website - <http://uts.nlm.nih.gov>

Product - UMLS Metathesaurus

Website - <http://www.nlm.nih.gov/research/umls/rxnorm/docs/rxnormfiles.html>

Product - RxNorm Full Monthly Release

State

National

eMedications.05 - Medication Dosage

Definition

The dose or amount of the medication given to the patient

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E18_05 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Constraints

| | | |
|------------------|--------------------|-----------------------|
| Data Type | totalDigits | fractionDigits |
| decimal | 8 | 2 |

Data Element Comment

State

National

eMedications.06 - Medication Dosage Units

Definition

The unit of medication dosage given to patient

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E18_06 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

| Code | Description |
|---------|------------------------------------|
| 3706001 | Grams |
| 3706003 | Inches |
| 3706005 | International Units |
| 3706007 | Keep Vein Open (To Keep Open) |
| 3706009 | Liters |
| 3706011 | Liters Per Minute |
| 3706013 | MDI Puffs |
| 3706015 | Micrograms |
| 3706017 | Micrograms per Kilogram per Minute |
| 3706019 | Milliequivalents |
| 3706021 | Milligrams |
| 3706023 | Milligrams Per Kilogram Per Minute |
| 3706025 | Milliliters |
| 3706027 | Milliliters Per Hour |
| 3706029 | Other |

Data Element Comment

State

National

eMedications.07 - Response to Medication

Definition

The patient's response to the medication

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E18_07 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

| Code | Description |
|---------|-------------|
| 9916001 | Improved |
| 9916003 | Unchanged |
| 9916005 | Worse |

Data Element Comment

State

National

eMedications.08 - Medication Complication

Definition

Any complication (abnormal effect on the patient) associated with the administration of the medication to the patient by EMS

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E18_08 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : M |

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

| Code | Description |
|---------|-----------------------|
| 3708001 | Altered Mental Status |
| 3708003 | Apnea |
| 3708005 | Bleeding |
| 3708007 | Bradycardia |
| 3708009 | Bradypnea |
| 3708011 | Diarrhea |
| 3708013 | Extravasation |
| 3708015 | Hypertension |
| 3708017 | Hyperthermia |
| 3708019 | Hypotension |
| 3708021 | Hypothermia |
| 3708023 | Hypoxia |
| 3708025 | Injury |
| 3708027 | Itching/Urticaria |
| 3708029 | Nausea |
| 3708031 | None |
| 3708033 | Other (Not Listed) |
| 3708035 | Respiratory Distress |
| 3708037 | Tachycardia |
| 3708039 | Tachypnea |
| 3708041 | Vomiting |

Data Element Comment

State

National

eMedications.10 - Role/Type of Person Administering Medication

Definition

The type (level) of EMS or Healthcare Professional Administering the Medication. For medications administered prior to EMS arrival, this may be a non-EMS healthcare professional.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

| Code | Description |
|---------|---|
| 9905001 | 2009 Advanced Emergency Medical Technician (AEMT) |
| 9905003 | 2009 Emergency Medical Responder (EMR) |
| 9905005 | 2009 Emergency Medical Technician (EMT) |
| 9905007 | 2009 Paramedic |
| 9905009 | EMT-Basic |
| 9905011 | EMT-Intermediate |
| 9905013 | EMT-Paramedic (Based on pre-2009 Curriculum) |
| 9905015 | First Responder |
| 9905017 | Nurse |
| 9905019 | Other Healthcare Professional |
| 9905021 | Other Non-Healthcare Professional |
| 9905023 | Patient/Lay Person |
| 9905025 | Physician |
| 9905027 | Respiratory Therapist |
| 9905029 | Student |
| 9905031 | Critical Care Paramedic |
| 9905033 | Community Paramedicine |

Data Element Comment

Added to document the type of healthcare professional administering the medication. This could be auto-completed from the crew ID but is necessary to document medication administration prior to EMS arrival. State may maintain an enumerated list but must collapse to the National Standard.

The category EMT-Intermediate includes EMS professionals with an "85" or "99" certification level.

Version 3 Changes Implemented

Added to better document the type of healthcare professional who administered the medication.

eProcedures

Legend

Dataset Level: N National S State D Deprecated

Usage: M = Mandatory , R = Required , E = Recommended, or O = Optional

Attributes: N = Not Values, P = Pertinent Negatives , L = Nillable, and/or C = Correlation ID

eProcedures

| | | | | | |
|-------|--|---|--|---|--|
| 1 : M | eProcedures.ProcedureGroup | | | | |
| 1 : 1 | eProcedures.01 - Date/Time Procedure Performed | N | S | R | N, L |
| 1 : 1 | eProcedures.02 - Procedure Performed Prior to this Unit's EMS Care | N | S | R | N, L |
| 1 : 1 | eProcedures.03 - Procedure | N | S | R | N, L, P |
| 1 : 1 | eProcedures.05 - Number of Procedure Attempts | N | S | R | N, L |
| 1 : 1 | eProcedures.06 - Procedure Successful | N | S | R | N, L |
| 1 : M | eProcedures.07 - Procedure Complication | N | S | R | N, L |
| 1 : 1 | eProcedures.08 - Response to Procedure | N | S | R | N, L |
| 1 : 1 | eProcedures.10 - Role/Type of Person Performing the Procedure | N | S | R | N, L |

eProcedures

eProcedures.01 - Date/Time Procedure Performed

Definition

The date/time the procedure was performed on the patient

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E19_01 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Constraints

| Data Type | minInclusive | maxInclusive |
|-----------|---------------------------|---------------------------|
| dateTime | 1950-01-01T00:00:00-00:00 | 2050-01-01T00:00:00-00:00 |

Pattern

[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+|-)[0-9]{2}:[0-9]{2}

Data Element Comment

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

| | |
|--------|---|
| yyyy | a four-digit numeral that represents the year |
| '-' | separators between parts of the date portion |
| mm | a two-digit numeral that represents the month |
| dd | a two-digit numeral that represents the day |
| T | separator that indicates time-of-day follows |
| hh | a two-digit numeral that represents the hour |
| ':' | a separator between parts of the time-of-day portion |
| mm | a two-digit numeral that represents the minute |
| ss | a two-integer-digit numeral that represents the whole seconds |
| '.' s+ | (not required) represents the fractional seconds |
| zzzzzz | (required) represents the timezone (as described below) |

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

| | |
|-----|--|
| hh | a two-digit numeral (with leading zeros as required) that represents the hours |
| mm | a two-digit numeral that represents the minutes |
| '+' | a nonnegative duration |
| '-' | a nonpositive duration |

State

National

eProcedures.02 - Procedure Performed Prior to this Unit's EMS Care

Definition

Indicates that the procedure which was performed and documented was performed prior to this EMS units care.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E19_02 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|-------------|
| 9923001 | No |
| 9923003 | Yes |

Data Element Comment

This is the NEMSIS Version 3 method to document prior aid.

State

National

eProcedures.03 - Procedure

Definition

The procedure performed on the patient.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | Yes |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E19_03 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Pertinent Negatives (PN)

8801001 - Contraindication Noted 8801003 - Denied By Order 8801019 - Refused
8801023 - Unable to Complete

Constraints

| | | |
|------------------|---------------------|---------------------|
| Data Type | maxInclusive | minInclusive |
| integer | 1000000000 | 100000 |

Data Element Comment

Procedures which are recorded as a Vital Sign do not have to be documented in the Procedure Section.
Code list is represented in SNOMEDCT. Reference the NEMSIS Suggested Lists at: <http://nemsis.org/v3/resources.html>

SNOMEDCT

Website: http://www.nlm.nih.gov/research/umls/Snomed/snomed_main.html

Product: Product - UMLS Metathesaurus

State

National

eProcedures.05 - Number of Procedure Attempts

Definition

The number of attempts taken to complete a procedure or intervention regardless of success.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E19_05 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

| Data Type | minInclusive | maxInclusive |
|-----------|--------------|--------------|
| integer | 1 | 10 |

Data Element Comment

State

National

eProcedures.06 - Procedure Successful

Definition

Indicates that this procedure attempt which was performed on the patient was successful

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E19_06 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|-------------|
| 9923001 | No |
| 9923003 | Yes |

Data Element Comment

State

National

eProcedures.07 - Procedure Complication

Definition

Any complication (abnormal effect on the patient) associated with the performance of the procedure on the patient

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E19_07 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : M |

Associated Performance Measure Initiatives

Airway Pediatric Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|-----------------------------------|
| 3907001 | Altered Mental Status |
| 3907003 | Apnea |
| 3907005 | Bleeding |
| 3907007 | Bradypnea |
| 3907009 | Diarrhea |
| 3907011 | Esophageal Intubation-immediately |
| 3907013 | Esophageal Intubation-other |
| 3907015 | Extravasation |
| 3907017 | Hypertension |
| 3907019 | Hyperthermia |
| 3907021 | Hypotension |
| 3907023 | Hypothermia |
| 3907025 | Hypoxia |
| 3907027 | Injury |
| 3907029 | Itching/Urticaria |
| 3907031 | Nausea |
| 3907033 | None |
| 3907035 | Other (Not Listed) |
| 3907037 | Portacath |
| 3907039 | Respiratory Distress |
| 3907041 | Tachycardia |
| 3907043 | Tachypnea |
| 3907045 | Vomiting |

Data Element Comment

State

National

eProcedures.08 - Response to Procedure

Definition

The patient's response to the procedure

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E19_08 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

| Code | Description |
|---------|-------------|
| 9916001 | Improved |
| 9916003 | Unchanged |
| 9916005 | Worse |

Data Element Comment

State

National

eProcedures.10 - Role/Type of Person Performing the Procedure

Definition

The type (level) of EMS or Healthcare Professional performing the procedure. For procedures performed prior to EMS arrival, this may be a non-EMS healthcare professional.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|---|
| 9905001 | 2009 Advanced Emergency Medical Technician (AEMT) |
| 9905003 | 2009 Emergency Medical Responder (EMR) |
| 9905005 | 2009 Emergency Medical Technician (EMT) |
| 9905007 | 2009 Paramedic |
| 9905009 | EMT-Basic |
| 9905011 | EMT-Intermediate |
| 9905013 | EMT-Paramedic (Based on pre-2009 Curriculum) |
| 9905015 | First Responder |
| 9905017 | Nurse |
| 9905019 | Other Healthcare Professional |
| 9905021 | Other Non-Healthcare Professional |
| 9905023 | Patient/Lay Person |
| 9905025 | Physician |
| 9905027 | Respiratory Therapist |
| 9905029 | Student |
| 9905031 | Critical Care Paramedic |
| 9905033 | Community Paramedicine |

Data Element Comment

Added to document the type of healthcare professional administering the medication. This could be auto-completed from the crew ID but is necessary to document medication administration prior to EMS arrival. State may maintain an enumerated list but must collapse to the National Standard.

The category EMT-Intermediate includes EMS professionals with an "85" or "99" certification level.

Version 3 Changes Implemented

Added to document the type of healthcare professional administering the medication.

eDisposition

Legend

Dataset Level: **N** National **S** State **D** Deprecated

Usage: ☐ M = Mandatory , R = Required , E = Recommended, or O = Optional

Attributes: N = Not Values, P = Pertinent Negatives , L = Nillable, and/or C = Correlation ID

eDisposition

| | | | | | |
|-------|--|---|---|---|------|
| 1 : 1 | eDisposition.DestinationGroup | | | | |
| 1 : 1 | eDisposition.05 - Destination State | N | S | R | N, L |
| 1 : 1 | eDisposition.06 - Destination County | N | S | R | N, L |
| 1 : 1 | eDisposition.07 - Destination ZIP Code | N | S | R | N, L |
| 1 : 1 | eDisposition.12 - Incident/Patient Disposition | N | S | M | |
| 1 : 1 | eDisposition.16 - EMS Transport Method | N | S | R | N, L |
| 1 : 1 | eDisposition.17 - Transport Mode from Scene | N | S | R | N, L |
| 1 : M | eDisposition.18 - Additional Transport Mode Descriptors | N | S | R | N, L |
| 1 : 1 | eDisposition.19 - Condition of Patient at Destination | N | S | R | N, L |
| 1 : M | eDisposition.20 - Reason for Choosing Destination | N | S | R | N, L |
| 1 : 1 | eDisposition.21 - Type of Destination | N | S | R | N, L |
| 1 : 1 | eDisposition.22 - Hospital In-Patient Destination | N | S | R | N, L |
| 1 : 1 | eDisposition.23 - Hospital Designation | N | S | R | N, L |
| 1 : M | eDisposition.HospitalTeamActivationGroup | | | | |
| 1 : 1 | eDisposition.24 - Destination Team Pre-Arrival Activation | N | S | R | N, L |
| 1 : 1 | eDisposition.25 - Date/Time of Destination Prearrival Activation | N | S | R | N, L |

eDisposition

State

National

eDisposition.05 - Destination State

Definition

The state of the destination the patient was delivered or transferred to.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E20_05 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

| Data Type | length |
|-----------|--------|
| string | 2 |

Data Element Comment

Based on the ANSI Code. May be auto-populated if list created in dFacility.09 (Facility State).

GNIS Codes Website: http://geonames.usgs.gov/domestic/download_data.htm

State

National

eDisposition.06 - Destination County

Definition

The destination county in which the patient was delivered or transferred to.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E20_06 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Constraints

| | |
|------------------|---------------|
| Data Type | length |
| string | 5 |

Data Element Comment

May be auto-populated if list created in dFacility.11 (Facility County). Based on the ANSI Code Single Choice based on the County Name but stored as the ANSI code (combined 5 digit State and County codes) Should be required if there is a patient associated with the event.

GNIS Codes Website: http://geonames.usgs.gov/domestic/download_data.htm

State

National

eDisposition.07 - Destination ZIP Code

Definition

The destination ZIP code in which the patient was delivered or transferred to.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E20_07 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

Pattern

[0-9]{5}||[0-9]{5}-[0-9]{4}||[0-9]{5}-[0-9]{5}||[A-Z][0-9][A-Z] [0-9][A-Z][0-9]

Data Element Comment

May be auto-populated if list created in dFacility.10 (Facility ZIP Code).

ZIP Codes Product Website: <https://www.zipcodedownload.com/Products/Product/Z5Commercial/Standard/Overview/>

Product: USA - 5-digit ZIP Code Database, Commercial Edition

State

National

eDisposition.12 - Incident/Patient Disposition

Definition

Type of disposition treatment and/or transport of the patient by this EMS Unit.

| | | | |
|-------------------|-----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | No |
| Version 2 Element | E20_10 | Is Nillable | No |
| Usage | Mandatory | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Code List

| Code | Description |
|---------|---|
| 4212001 | Assist, Agency |
| 4212003 | Assist, Public |
| 4212005 | Assist, Unit |
| 4212007 | Canceled (Prior to Arrival At Scene) |
| 4212009 | No Patient Contact (Canceled on Scene) |
| 4212011 | No Patient Found (Canceled on Scene) |
| 4212013 | Patient Dead at Scene-No Resuscitation Attempted |
| 4212015 | Patient Dead at Scene-No Resuscitation Attempted (With Transport) |
| 4212017 | Patient Dead at Scene-No Resuscitation Attempted(Without Transport) |
| 4212019 | Patient Dead at Scene-Resuscitation Attempted |
| 4212021 | Patient Dead at Scene-Resuscitation Attempted (With Transport) |
| 4212023 | Patient Dead at Scene-Resuscitation Attempted(Without Transport) |
| 4212025 | Patient Evaluated, No Treatment/Transport Required |
| 4212027 | Patient Refused Evaluation/Care (With Transport) |
| 4212029 | Patient Refused Evaluation/Care and (Without Transport) |
| 4212031 | Patient Treated, Released (AMA) |
| 4212033 | Patient Treated, Released (per protocol) |
| 4212035 | Patient Treated, Transferred Care to Another EMS Professional |
| 4212037 | Patient Treated, Transported by EMS |
| 4212039 | Patient Treated, Transported by Law Enforcement |
| 4212041 | Patient Treated, Transported by Private Vehicle |
| 4212043 | Standby-No Services or Support Provided |
| 4212045 | Standby-Public Safety, Fire, or EMS Operational Support Provided |
| 4212047 | Transport of Body Parts or Organs Only |

Data Element Comment

State

National

eDisposition.16 - EMS Transport Method

Definition

Transport method by this EMS Unit.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|----------------------------------|
| 4216001 | Air Medical-Fixed Wing |
| 4216003 | Air Medical-Rotor Craft |
| 4216005 | Ground-Ambulance |
| 4216007 | Ground-ATV or Rescue Vehicle |
| 4216009 | Ground-Bariatric |
| 4216011 | Ground-Other Not Listed |
| 4216013 | Ground-Mass Casualty Bus/Vehicle |
| 4216015 | Ground-Wheelchair Van |
| 4216017 | Water-Boat |

Data Element Comment

Required if the patient is transported by EMS.

Version 3 Changes Implemented

Added to better describe Air and Ground Transport methods.

State

National

eDisposition.17 - Transport Mode from Scene

Definition

Indication whether the transport was emergent or non-emergent.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E20_14 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|-------------------------------------|
| 4217001 | Emergent (Immediate Response) |
| 4217003 | Emergent Downgraded to Non-Emergent |
| 4217005 | Non-Emergent |
| 4217007 | Non-Emergent Upgraded to Emergent |

Data Element Comment

Information now split between eDisposition.17 (Transport Mode from Scene) and eDisposition.18 (Additional Transport Mode Descriptors). Element eDisposition.18 (Additional Transport Mode Descriptors) has been added to document the use of lights and sirens or other descriptive information.

State

National

eDisposition.18 - Additional Transport Mode Descriptors

Definition

The documentation of transport mode techniques for this EMS response.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : M |

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

| Code | Description |
|---------|--|
| 4218001 | Intersection Navigation-Against Normal Light Patterns |
| 4218003 | Intersection Navigation-With Automated Light Changing Technology |
| 4218005 | Intersection Navigation-With Normal Light Patterns |
| 4218007 | Speed-Enhanced per Local Policy |
| 4218009 | Speed-Normal Traffic |

Data Element Comment

Information now split between eDisposition.17 (Transport Mode from Scene) and eDisposition.18 (Additional Transport Mode Descriptors). Element eDisposition.18 (Additional Transport Mode Descriptors) has been added to document the use of lights and sirens or other descriptive information.

State

National

eDisposition.19 - Condition of Patient at Destination

Definition

The condition of the patient after care by EMS

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E20_15 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|-------------|
| 9916001 | Improved |
| 9916003 | Unchanged |
| 9916005 | Worse |

Data Element Comment

State

National

eDisposition.20 - Reason for Choosing Destination

Definition

The reason the unit chose to deliver or transfer the patient to the destination

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E20_16 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : M |

Associated Performance Measure Initiatives

Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|------------------------------------|
| 4220001 | Closest Facility |
| 4220003 | Diversion |
| 4220005 | Family Choice |
| 4220007 | Insurance Status/Requirement |
| 4220009 | Law Enforcement Choice |
| 4220011 | On-Line/On-Scene Medical Direction |
| 4220013 | Other (Not Listed) |
| 4220015 | Patient's Choice |
| 4220017 | Patient's Physician's Choice |
| 4220019 | Protocol |
| 4220021 | Regional Specialty Center |

Data Element Comment

Required if Patient Transported

State

National

eDisposition.21 - Type of Destination

Definition

The type of destination the patient was delivered or transferred to

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E20_17 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric Response STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|---------------------------------------|
| 4221001 | Home |
| 4221003 | Hospital-Emergency Department |
| 4221005 | Hospital-Non-Emergency Department Bed |
| 4221007 | Medical Office/Clinic |
| 4221009 | Morgue/Mortuary |
| 4221011 | Nursing Home/Assisted Living Facility |
| 4221013 | Other (Not Listed) |
| 4221015 | Other EMS Responder (air) |
| 4221017 | Other EMS Responder (ground) |
| 4221019 | Police/Jail |

Data Element Comment

Required if Patient Transported by EMS. "Hospital-In Patient Bed" includes any location in the hospital except the Emergency Department. Choices include those in eDisposition.22 (Hospital In-Patient Destination).

State

National

eDisposition.22 - Hospital In-Patient Destination

Definition

The location within the hospital that the patient was taken directly by EMS (e.g. Cath Lab, ICU, etc.)

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

| Code | Description |
|---------|--------------------------------------|
| 4222001 | Hospital-Burn |
| 4222003 | Hospital-Cath Lab |
| 4222005 | Hospital-CCU |
| 4222007 | Hospital-Endoscopy |
| 4222009 | Hospital-Hospice |
| 4222011 | Hospital-Hyperbaric Oxygen Treatment |
| 4222013 | Hospital-ICU |
| 4222015 | Hospital-Labor and Delivery |
| 4222017 | Hospital-Med/Surg |
| 4222019 | Hospital-Mental Health |
| 4222021 | Hospital-MICU |
| 4222023 | Hospital-NICU |
| 4222025 | Hospital-Nursery |
| 4222027 | Hospital-Peds (General) |
| 4222029 | Hospital-Peds ICU |
| 4222031 | Hospital-OR |
| 4222033 | Hospital-Orthopedic |
| 4222035 | Hospital-Other |
| 4222037 | Hospital-Out-Patient Bed |
| 4222039 | Hospital-Radiology Services - MRI |
| 4222041 | Hospital-Radiology Services - CT/PET |
| 4222043 | Hospital-Radiology Services - X-Ray |
| 4222045 | Hospital-Radiation |
| 4222047 | Hospital-Rehab |
| 4222049 | Hospital-SICU |

Data Element Comment

To be documented when in eDisposition.21 "Hospital-In Patient Bed" is selected.

Version 3 Changes Implemented

Added to identify the location within the hospital that the patient was directly taken to by EMS.

State

National

eDisposition.23 - Hospital Designation

Definition

The designation associated with the hospital for this transport(e.g. Trauma, STEMI, Peds, etc)

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

| Code | Description |
|---------|--------------------------|
| 9908001 | Behavioral Health |
| 9908003 | Burn Center |
| 9908005 | Critical Access Hospital |
| 9908007 | Hospital (General) |
| 9908009 | Neonatal Center |
| 9908011 | Pediatric Center |
| 9908013 | STEMI |
| 9908015 | STEMI Center (24/7) |
| 9908017 | Stroke Center |
| 9908019 | Rehab Center |
| 9908021 | Trauma Center Level 1 |
| 9908023 | Trauma Center Level 2 |
| 9908025 | Trauma Center Level 3 |
| 9908027 | Trauma Center Level 4 |
| 9908029 | Trauma Center Level 5 |

Data Element Comment

To be documented when in eDisposition.21 (Type of Destination) equals "4221003: Hospital-Emergency Department" or "4221005: Hospital-In Patient Bed" is selected .

Version 3 Changes Implemented

Added to aid in determining if patients are transported to the appropriate hospital based on provider impression, assessment, and treatment.

State

National

eDisposition.24 - Destination Team Pre-Arrival Activation

Definition

Activation of the Destination Healthcare Facility Team prior to EMS arrival for acute ill or injured patient.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Cardiac Arrest STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Code List

| Code | Description |
|---------|----------------------|
| 4224001 | No |
| 4224003 | Yes-Adult Trauma |
| 4224005 | Yes-Cardiac Arrest |
| 4224007 | Yes-Obstetrics |
| 4224009 | Yes-Other |
| 4224011 | Yes-Pediatric Trauma |
| 4224013 | Yes-STEMI |
| 4224015 | Yes-Stroke |

Data Element Comment

Version 3 Changes Implemented

Added to better document performance measure for acute time dependent illness and injury systems of care.

eDisposition.25 - Date/Time of Destination Prearrival Activation

Definition

Date/Time EMS Notified/Activated the Destination Healthcare Facility Team prior to EMS arrival for acute ill or injured patient.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable 7701003 - Not Recorded

Constraints

Data Type **minInclusive** **maxInclusive**
 dateTime 1950-01-01T00:00:00-00:00 2050-01-01T00:00:00-00:00

Pattern

[0-9]{4}-[0-9]{2}-[0-9]{2}T[0-9]{2}:[0-9]{2}:[0-9]{2}(\.\d+)?(\+|-)[0-9]{2}:[0-9]{2}

Data Element Comment

DateTime consists of finite-length characters of the form: yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss ('.' s+)? (zzzzzz)

| | |
|--------|---|
| yyyy | a four-digit numeral that represents the year |
| '-' | separators between parts of the date portion |
| mm | a two-digit numeral that represents the month |
| dd | a two-digit numeral that represents the day |
| T | separator that indicates time-of-day follows |
| hh | a two-digit numeral that represents the hour |
| ':' | a separator between parts of the time-of-day portion |
| mm | a two-digit numeral that represents the minute |
| ss | a two-integer-digit numeral that represents the whole seconds |
| '.' s+ | (not required) represents the fractional seconds |
| zzzzzz | (required) represents the timezone (as described below) |

Timezones, required, are durations with (integer-valued) hour and minute properties in the form: ('+' | '-') hh ':' mm

| | |
|-----|--|
| hh | a two-digit numeral (with leading zeros as required) that represents the hours |
| mm | a two-digit numeral that represents the minutes |
| '+' | a nonnegative duration |
| '-' | a nonpositive duration |

Version 3 Changes Implemented

Added to better document performance measure for acute time dependent illness and injury systems of care.

eOutcome

| | | | | |
|--------|----------------|---|----------------------|---------------------------|
| Legend | Dataset Level: | N National | S State | D Deprecated |
| | Usage: | M = Mandatory , R = Required , E = Recommended, or O = Optional | | |
| | Attributes: | N = Not Values, P = Pertinent Negatives , L = Nillable, and/or C = Correlation ID | | |

eOutcome

| | | | | | |
|-------|--|----------------|----------------|----------------|-------------------|
| 1 : 1 | eOutcome.01 - Emergency Department Disposition | N | S | R | N, L |
| 1 : 1 | eOutcome.02 - Hospital Disposition | N | S | R | N, L |

eOutcome

State

National

eOutcome.01 - Emergency Department Disposition

Definition

The known disposition of the patient from the Emergency Department (ED)

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E22_01 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

| Code | Description |
|------|--|
| 01 | Discharged to home or self care (routine discharge) |
| 02 | Discharged/transferred to another short term general hospital for inpatient care |
| 03 | Discharged/transferred to a skilled nursing facility (SNF) {With Medicare certification in anticipation of covered skilled care. See Code 61 below.} |
| 04 | Discharged/transferred to an intermediate care facility (ICF) |
| 05 | Discharged/transferred to another type of institution not defined elsewhere in this code list |
| 06 | Discharged/transferred to home under care of organized home health service organization in anticipation of covered skills care |
| 07 | Left against medical advice or discontinued care |
| 09 | Admitted as an inpatient to this hospital. |
| 20 | Deceased/Expired (or did not recover - Religious Non Medical Health Care Patient) |
| 21 | Discharged/transferred to court/law enforcement |
| 30 | Still a patient or expected to return for outpatient services. |
| 43 | Discharged/transferred to a Federal Health Care Facility (e.g. VA or federal health care facility) |
| 50 | Discharged/transferred to Hospice - home. |
| 51 | Discharged/transferred to Hospice - medical facility |
| 61 | Discharged/transferred within this institution to a hospital based Medicare approved swing bed. |
| 62 | Discharged/transferred to a inpatient rehabilitation facility including distinct part units of a hospital. |
| 63 | Discharged/transferred to long term care hospitals |
| 64 | Discharged/transferred to a nursing facility certified under Medicaid but not certified under Medicare |
| 65 | Discharged/transferred to a psychiatric hospital or psychiatric distinct part unit of a hospital. |
| 66 | Discharged/transferred to a Critical Access Hospital (CAH). |
| 70 | Discharged/transferred to another type of health care institution not defined elsewhere in the code list. |

Data Element Comment

The list of values and codes is based on and in compliance with the Medicare Claims Processing Manual Chapter 25 Completing and Processing the Form CMS-1450 Data Set, referencing the Uniform Bill - Form CMS-1450 (UB-04) and the FL 17 - Patient Discharge Status Required. (For all Part A inpatient, SNF, hospice, home health agency (HHA) and outpatient hospital services.) This code indicates the patient's status as of the "Through" date of the billing period (FL 6).

<https://www.cms.gov/transmittals/downloads/R1104CP.pdf> Page 35-36

Codes are available from Medicare contractors and the National Uniform Billing company (NUBC_ (www.nubc.org) via the NUBC's Official UB-04 Data Specifications Manual.

Contractor site, Knowledge Trek: http://www.ub04.net/downloads/Medicare_Pub_Ch_25.pdf Please reference the section "FL 17 - Patient Status" found on page 23-25 of 126.

State

National

eOutcome.02 - Hospital Disposition

Definition

The known disposition of the patient from the hospital, if admitted.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E22_02 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Associated Performance Measure Initiatives

Airway Cardiac Arrest Pediatric STEMI Stroke Trauma

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

| Code | Description |
|------|--|
| 01 | Discharged to home or self care (routine discharge) |
| 02 | Discharged/transferred to another short term general hospital for inpatient care |
| 03 | Discharged/transferred to a skilled nursing facility (SNF) {With Medicare certification in anticipation of covered skilled care. See Code 61 below.} |
| 04 | Discharged/transferred to an intermediate care facility (ICF) |
| 05 | Discharged/transferred to another type of institution not defined elsewhere in this code list |
| 06 | Discharged/transferred to home under care of organized home health service organization in anticipation of covered skills care |
| 07 | Left against medical advice or discontinued care |
| 20 | Deceased/Expired (or did not recover - Religious Non Medical Health Care Patient) |
| 21 | Discharged/transferred to court/law enforcement |
| 30 | Still a patient or expected to return for outpatient services. |
| 43 | Discharged/transferred to a Federal Health Care Facility (e.g. VA or federal health care facility) |
| 50 | Discharged/transferred to Hospice - home. |
| 51 | Discharged/transferred to Hospice - medical facility |
| 61 | Discharged/transferred within this institution to a hospital based Medicare approved swing bed. |
| 62 | Discharged/transferred to a inpatient rehabilitation facility including distinct part units of a hospital. |
| 63 | Discharged/transferred to long term care hospitals |
| 64 | Discharged/transferred to a nursing facility certified under Medicaid but not certified under Medicare |
| 65 | Discharged/transferred to a psychiatric hospital or psychiatric distinct part unit of a hospital. |
| 66 | Discharged/transferred to a Critical Access Hospital (CAH). |
| 70 | Discharged/transferred to another type of health care institution not defined elsewhere in the code list. |

Data Element Comment

The list of values and codes is based on and in compliance with the Medicare Claims Processing Manual Chapter 25 Completing and Processing the Form CMS-1450 Data Set, referencing the Uniform Bill - Form CMS-1450 (UB-04) and the FL 17 - Patient Discharge Status Required. (For all Part A inpatient, SNF, hospice, home health agency (HHA) and outpatient hospital services.) This code indicates the patient's status as of the "Through" date of the billing period (FL 6).

<https://www.cms.gov/transmittals/downloads/R1104CP.pdf> Page 35-36

Codes are available from Medicare contractors and the National Uniform Billing company (NUBC_ (www.nubc.org) via the NUBC's Official UB-04 Data Specifications Manual.

Contractor site, Knowledge Trek: http://www.ub04.net/downloads/Medicare_Pub_Ch_25.pdf Please reference the section "FL 17 - Patient Status" found on page 23-25 of 126.

eOther

| | | | | |
|--------|----------------|---|----------------------|---------------------------|
| Legend | Dataset Level: | N National | S State | D Deprecated |
| | Usage: | M = Mandatory , R = Required , E = Recommended, or O = Optional | | |
| | Attributes: | N = Not Values, P = Pertinent Negatives , L = Nillable, and/or C = Correlation ID | | |

| | | | | |
|--------|---------------------------|---|----------------|---|
| eOther | | | | |
| 1 : M | eOther.EMSCrewMemberGroup | | | |
| | 1 : 1 | eOther.05 - Suspected EMS Work Related Exposure, Injury, or Death | N | S R N, L |
| eOther | | | | |

State

National

eOther.05 - Suspected EMS Work Related Exposure, Injury, or Death

Definition

Indication of an EMS work related exposure, injury, or death associated with this EMS event.

| | | | |
|-------------------|----------|--------------------------|-------|
| National Element | Yes | Pertinent Negatives (PN) | No |
| State Element | Yes | NOT Values | Yes |
| Version 2 Element | E23_05 | Is Nillable | Yes |
| Usage | Required | Recurrence | 1 : 1 |

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

| Code | Description |
|---------|-------------|
| 9923001 | No |
| 9923003 | Yes |

Data Element Comment

Associated with eOther.04 (EMS Professional (Crew Member) ID)

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